Data Validation Summary Report, Revision 1
Soil and Groundwater Remedial Investigation Sampling Phase 2
February through June 2017
Nevada Environmental Response Trust (NERT)
Henderson, Nevada

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June 25, 2019

Phase 2 Remedial Investigation DVSR and EDD February through June 2017, Revision 1

Nevada Environmental Response Trust Site (Former Tronox LLC Site) Henderson, Nevada

Nevada Environmental Response Trust (NERT) Representative Certification

I certify that this document and all attachments submitted to the Division were prepared at the request of, or under the direction or supervision of NERT. Based on my own involvement and/or my inquiry of the person or persons who manage the system(s) or those directly responsible for gathering the information or preparing the document, or the immediate supervisor of such person(s), the information submitted and provided herein is, to the best of my knowledge and belief, true, accurate, and complete in all material respects.

Office of the Nevada Environmental Response Trust

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Date: 6/25/19

Phase 2 Remedial Investigation DVSR and EDD February through June 2017, Revision 1

Nevada Environmental Response Trust Site (Former Tronox LLC Site) Henderson, Nevada

Responsible Certified Environmental Manager (CEM) for this project

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and, to the best of my knowledge, comply with all applicable federal, state and local statutes, regulations and ordinances.

June 25, 2019

John M. Pekala, PG
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Date

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CEM Expiration Date: September 20, 2020

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LIST OF ACRONYMS AND ABBREVIATIONS

CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
DL	Detection Limit
DNR	Do Not Report
DOC	Dissolved Organic Carbon
DQO	Data Quality Objectives
DUP	Laboratory Duplicate
DVR	Data Validation Report
DVSR	Data Validation Summary Report
EB	Equipment Blank
EMPC	Estimated Maximum Possible Concentration
FB	Field Blank
FD	Field Duplicate
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
LCS/LCSD	Laboratory Control Sample / Laboratory Control Sample Duplicate
LDC	Laboratory Data Consultants, Inc.
MDC	Minimum Detectable Concentration
MDL	Method Detection Limit
MS/MSD	Matrix Spike / Matrix Spike Duplicate
NDEP	Nevada Department of Environmental Protection
NERT	Nevada Environmental Response Trust
NFG	National Functional Guidelines
PAH	Polynuclear Aromatic Hydrocarbons
PARCCS	Precision, Accuracy, Representativeness, Comparability, Completeness, Sensitivity
PCDD/PCDF	Polychlorinated Dioxin and Dibenzofuran
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance / Quality Control
QAPP	Quality Assurance Project Plan
RER	Relative Error Ratio
RPD	Relative Percent Difference
SDG	Sample Delivery Group
SIM	Selected Ion Monitoring
SQL	Sample Quantitation Limit
SVOC	Semivolatile Organic Compound
TB	Trip Blank
TDS	Total Dissolved Solids
TEQ	Toxic Equivalency Quantity
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
ug/L	Micrograms per Liter
mg/Kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
pCi/G	Picocuries per Gram
pCi/L	Picocuries per Liter
pg/g	Picogram per Gram
pg/L	Picogram per Liter
%RSD	Percent Relative Standard Deviation
%D	Percent Difference
%R	Percent Recovery

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 associated with the Phase 2 Remedial Investigation sampling efforts completed from February through June 2017, conducted at the Nevada Environmental Response Trust (NERT) site in Henderson, Nevada. The assessment was performed by Ramboll as a part of the *Quality Assurance Project Plan, Revision 2, Nevada Environmental Response Trust Site, Henderson, Nevada* dated October 2017 and included the collection and analyses of 1,082 environmental and quality control (QC) samples. The analyses were performed by the following methods:

Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) SW-846 Method 8260B
1,2,3-Trichloropropane and 1,4-Dioxane by EPA SW-846 Method 8260B in Selected Ion Monitoring (SIM) mode
Semivolatile Organic Compounds (SVOCs) by EPA SW-846 Method 8270C
Polynuclear Aromatic Hydrocarbons (PAH) by EPA SW-846 Method 8270C in SIM mode
Chlorinated Pesticides by EPA SW-846 Method 8081A
Aroclor-1260 by EPA SW-846 Method 8082
Polychlorinated Dioxin and Dibenzofuran (PCDD/PCDF) by EPA SW-846 Method 8290
Total PCDD/PCDF Toxic Equivalency Quantity (TEQ) by EPA SW-846 Method 8290 Calculation
Metals by EPA Methods 2007/200.8 and EPA SW-846 Methods 6010B/6020A/7470A/7471A

Wet Chemistry:
Alkalinity by Standard Method 2320B
Bromide, Chloride, Nitrate as Nitrogen, Nitrate as NO_3, Nitrite as Nitrogen, Orthophosphate as Phosphorus, and Sulfate (Anions) by EPA Method 300.0
Chlorate by EPA Method 300.1B
Cyanide by Standard Method 4500-CN-E
Dissolved Organic Carbon (DOC) by Standard Method 5310B
Hexavalent Chromium by EPA Method 218.6 and EPA SW-846 Method 7199
Nitrate/Nitrite as Nitrogen by Calculation Method
Perchlorate by EPA Method 314.0
pH by EPA SW-846 Method 9040C
Total Phosphorus by EPA Method 365.3
Total Dissolved Solids by Standard Method 2540C
Specific Conductance by Standard Method 2510B
Sulfide by EPA SW-846 Method 9034

Radium-226 by EPA Method 903.0
Radium-228 by EPA Method 904.0
Isotopic Thorium by Method A-01-R

Laboratory analytical services were provided by TestAmerica, Inc. The samples were grouped into sample delivery groups (SDGs). The soil and water samples are associated with quality assurance and quality control (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, matrix, and validation level. An individual sample may be on multiple rows if it is reported in more than one SDG or if its analytes were validated at different validation levels. Table II is a reference table that identifies the QC elements reviewed for each validation level per method, as applicable.

The laboratory analytical data were validated in accordance with procedures described in the Nevada Division of Environmental Protection (NDEP) *Data Validation Guidance* established for the BMI Plant Sites and Common Areas Projects, Henderson, Nevada, July 13, 2018. Consistent with the NDEP requirements, one hundred percent of the water analytical data were validated according to Stage 2A and approximately ninety percent of the soil analytical data were validated according to Stage 2B data validation procedures and approximately ten percent of the soil samples were validated according to Stage 4 data validation procedures. The number of samples and percentage of samples validated to Stage 2A, Stage 2B, and Stage 4 for each method is presented in Table III.

The analytical data were evaluated for QA/QC based on the following documents: *Quality Assurance Project Plan, Revision 2, Nevada Environmental Response Trust Site, Henderson, Nevada* dated October 2017; *Multi Agency Radiological Laboratory Analytical Protocols* (MARLAP) Manual, July 2014; a modified outline of the *USEPA National Functional Guidelines* (NFGs) *for Organic Superfund Methods Data Review* (January 2017), *for Inorganic Superfund Data Review* (January 2017), and *for High Resolution Superfund Method Data Review* (April 2016); 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; update V, July 2014.

MARLAP Chapter 8 was used as a general guidance document for evaluating quality control samples associated with radiochemical data analyses. However, consistent with the validation methods used for prior radiological data collected from the NERT Site and commonly used in the environmental field for radiological data, the criteria used for calculating field duplicate RPDs and assessing method blank contamination for radiological data are the same criteria established for inorganic methods. This is consistent with the objectives for precision and representativeness established in the NERT Site QAPP and allows for comparison between methods, across data sets, and with historical data.

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) 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 PARCCS 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 PARCCS criteria. These sections interpret specific QC deviations and their effects on both individual data points and the analyses as a whole. Section 14.0 presents a summary of the PARCCS criteria by comparing quantitative parameters with acceptability criteria defined in the project DQO's. Qualitative PARCCS 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: trip blanks (TBs), equipment blanks (EBs), field blanks (FBs), field duplicates (FDs), calibration blanks,

method blanks, laboratory control samples/laboratory control sample duplicates (LCS/LCSDs), sample reference material (SRM), matrix spike/matrix spike duplicates (MS/MSDs), and laboratory duplicates (DUPs).

Before conducting the PARCCS evaluation, the analytical data were validated according to the QAPP (October 2017), NFGs (USEPA 2017, 2016), 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.

R Rejected The data is unusable (the 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.

U Nondetected Analyses were performed for the compound or analyte, but it was not detected.

UJ Estimated/Nondetected Analyses were performed for the analyte, but it was not detected and the sample quantitation or detection limit is an estimated quantity due to poor accuracy or precision.

DNR Do Not Report A more appropriate result is reported from another analysis or dilution.

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+	The high bias (J+) flag is applied only to detected results.
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	The UJ flag is used when a non-detected (U) flag is added to a non-biased flag (J).

Table IV lists the reason codes used. Reason codes explain why flags have been applied and allow data users to assess if a result is usable with qualification due to QA/QC outliers or not usable when rejected

due to QA/QC outliers. 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 V 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 QAPP, NFG, and EPA Test Methods, the data set is then evaluated using PARCCS criteria. PARCCS criteria provide an evaluation of overall data usability. The following is a discussion of PARCCS 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 reported concentrations.

Precision is expressed as the relative percent difference (RPD):

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

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

Precision is primarily assessed by calculating an RPD from the reported concentrations 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 or solid matrix is used to prepare an LCS. The LCS measures laboratory efficiency in recovering target analytes from either matrix in the absence of matrix interferences.

DUPs measure laboratory precision. DUPs are replicate samples and are prepared by taking two aliquots from one sample container. The analytical results for DUPs are reported as the RPD between the results of the two aliquots.

Laboratory and field sampling precision are evaluated by calculating RPDs for 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 the LCS/LCSD, MS/MSD, DUPs, or field duplicates 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 heterogeneity, improper sample collection or handling, inconsistent sample preparation, and poor instrument stability. In some duplicate pairs, results may be 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 samples containing surrogate spikes. In some cases, samples from multiple SDGs were within one QC batch and therefore are associated with the same laboratory QC samples. Surrogate spikes are either isotopically labeled compounds or compounds that are not typically detected in the samples. Surrogate spikes are added to every blank, environmental sample, LCS, MS/MSD, and standard, for all applicable organic analyses. 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, LCS/LCSD, and surrogate compounds added to environmental samples 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, initial calibration blanks (ICB), and continuing calibration blanks (CCB), TBs, EBs and FBs.

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.

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.

Trip blanks are used to identify possible volatile organic contamination introduced into the sample during transport. A trip blank is a sample bottle filled in the laboratory with reagent-grade water and preserved to a pH less than 2 with hydrochloric acid or solid matrix. It is transported to the site, stored with the sample containers, and returned unopened to the laboratory for analysis.

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.

Field blanks consist of analyte-free source water stored at the sample collection site. The water is collected from each source water used during each sampling event.

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, volatilization, and chemical degradation.

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 PARCCS 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.

Sensitivity is the ability of an analytical method or instrument to discriminate between measurement responses representing different concentrations. This capability is established during the planning phase to meet the DQOs. It is important that calibration requirements, detection limits (DLs), and PQLs presented in the QAPP are achieved and that target analytes can be detected at concentrations necessary to support the DQOs. The method detection limits (MDLs) represent the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero. Sample quantitation limits (SQLs) are adjusted MDL values that reflect sample specific actions, such as dilutions or varying aliquot sizes. PQLs are the lowest level at which the entire analytical system gives a recognizable signal and acceptable calibration point for the analyte. The laboratory is required to report detected analytes down to the SQL for this project. In addition, sample results are compared to method blank and field blank results to identify potential effects of laboratory background and field procedures on sensitivity.

The QA/QC criteria were met with the exceptions noted in the following sections for each analytical method.

2.0 VOLATILE ORGANIC COMPOUNDS

A total of 1,003 soil and 76 water samples were analyzed for VOCs by EPA SW-846 Method 8260B. The target analyte list for soil samples included 68 VOCs and 61 VOCs for water samples. Of all of the equipment blanks and trip blanks associated with soil samples, 51 were reported with 69 VOCs (Freon-

113 was added due to a laboratory oversight). All other field and field QC samples analyzed for VOCs were reported with the correct number of analytes per the QAPP. All VOC data were assessed to be valid with the exception of 20 of the 73,248 total results which were rejected based on extremely low internal standard areas. This section discusses the QA/QC supporting documentation as defined by the PARCCS 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 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 15 percent for each individual compound and 30 percent for calibration check compounds, or the coefficient of determination (r^2) was ≥ 0.990 in the initial calibration.

Seven hundred and twenty-nine (729) results were qualified as estimated (J+) or non-detected estimated (UJ). The %Ds in the initial and continuing calibration verifications (CCV) were outside the acceptance criteria of 20 percent. The details regarding the qualification of results are provided in Attachment A.

2.1.2 Surrogates

Twenty (20) results were qualified as detected estimated (J+) due to surrogate %Rs above the laboratory acceptance criteria. The details regarding the qualification of results are provided in Attachment A.

2.1.3 MS/MSD Samples

Six (6) results were qualified as detected estimated (J+) as a result of MS/MSD %Rs above the laboratory acceptance criteria.

Thirty (30) results were qualified as non-detected estimated (UJ) as a result of MS/MSD %Rs below the laboratory acceptance criteria.

No data were qualified due to MS/MSD RPDs above the laboratory acceptance criteria since the associated sample results were not detected.

The details regarding the qualification of results are provided in Attachment A.

2.1.4 LCS/LCSD Samples

The acetone results in samples PCDB-2-120.0-20170606 and PCDB-2-130.0-20170606 were qualified as detected estimated (J+) as a result of LCS/LCSD %Rs above the laboratory acceptance criteria.

No data were qualified due to LCS/LCSD RPDs above the laboratory acceptance criteria since the associated sample results were not detected.

The details regarding the qualification of results are provided in Attachment A.

2.1.5 Internal Standards

All retention times met the method acceptance criteria.

Twenty (20) results were rejected (R) as a result of extremely low internal standard areas (i.e., <20% of associated CCV). In addition, 305 results were qualified as detected estimated (J+) or non-detected estimated (UJ) as a result of internal standard areas below the method acceptance criteria. The details regarding the qualification of results are provided in Attachment A.

2.1.6 FD Samples

The chloroform or trichloroethene results in field duplicate pairs RIDB-19-60.0-20170321 and RIDB-19-60.0-20170321-FD, RI-24-90.0-20170418 and RI-24-90.0-20170418-FD, RI-17-100.0-20170614 and RI-17-100.0-20170614-FD, RI-4-30.0-20170630 and RI-4-30.0-20170630-FD, and RI-27-80.0-20170520 and RI-27-80.0-20170520-FD were qualified as detected estimated (J) due to RPDs above the QAPP acceptance criteria. The details regarding the qualification of results are provided in Attachment A.

Given the additional uncertainty in results reported below the PQL, no data were qualified when the RPDs were outside the QAPP acceptance criteria and the associated results in either the primary or duplicate samples were below the PQL or not detected.

2.1.7 Compound Quantitation and Target Identification

Raw data were evaluated for 104 samples. All target identifications were acceptable and all reported sample results, detects and non-detects, were correctly calculated for these Stage 4 samples.

As a result of sample analysis non-conformances, the trichloroethene results in samples RIDB-17-60.0-20170309-EB and RIDB-17-60.0-20170309-EBTB were qualified as detected estimated (J+). The laboratory indicated that sample carryover may have resulted from the preceding sample, which contained trichloroethene above the calibration range. Since trichloroethene was not detected in the associated sample, RIDB-17-60.0-20170309, this non-conformance was considered to have no impact on the data quality.

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 for preserved water samples and soil samples.

2.2.2 Blanks

Method blanks, EBs, FBs, and TBs were collected and analyzed to evaluate representativeness. The concentration for an individual target compound in any of the 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 - Using professional judgment, if a sample result for the blank contaminant was less than the PQL and the sample result was less than or equal to 2 times the

blank value, the sample result was qualified as detected estimated (J) at the reported concentration.

Results Above the PQL - Using professional judgment, if a sample result for the blank contaminant was greater than the PQL and the sample result was less than or equal to 2 times the blank contaminant value, the sample result was qualified as detected estimated (J+) at the reported concentration.

No Action - Using professional judgment, if a sample result for the blank contaminant was greater than 2 times the blank value, the result was not qualified.

For this data set, two times the blank value was used to assess all contaminants for organic methods. This allows the data not to be censored and provides an understanding of the level of contamination relative to that found in the samples. To ensure comparability, this approach is employed for all data sets collected for the NERT site by Ramboll for the remedial investigation.

2.2.2.1 Method Blanks

As a result of contamination found in the method blank, the naphthalene result in sample PCDB-1-100.0-20170604 was qualified as estimated (J). The details regarding the qualification of results are provided in Attachment A.

2.2.2.2 EBs and FBs

No data were qualified due to contaminants detected in the equipment or field blanks.

2.2.2.3 TBs

As a result of contamination found in the trip blanks, one benzene result and nine methylene chloride results were qualified as estimated (J). The details regarding the qualification of results are provided in Attachment A.

2.3 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 VOC data is regarded as acceptable.

2.4 Completeness

The completeness level attained for VOC field samples was 99.97 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

2.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory PQLs met the specified requirements described in the QAPP.

3.0 1,2,3-TRICHLOROPROPANE AND 1,4-DIOXANE

A total of 77 water samples were analyzed for 1,2,3-trichloropropane and 1,4-dioxane by EPA SW-846 Method 8260B-SIM. All 1,2,3-trichloropropane and 1,4-dioxane data were assessed to be valid since

none of the 154 total results were rejected due to holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

3.1 Precision and Accuracy

3.1.1 Surrogates

The 1,2,3-trichloropropane and 1,4-dioxane results in sample M-5D-20170501 were qualified as detected estimated (J-) due to a surrogate %R below the laboratory acceptance criteria.

The 1,2,3-trichloropropane result in sample M-125D-20170502 was qualified as detected estimated (J+) due to a surrogate %R above the laboratory acceptance criteria.

The details regarding the qualification of results are provided in Attachment B.

3.1.2 MS/MSD Samples

All MS/MSD %Rs and RPDs met the laboratory acceptance criteria for this analysis.

3.1.3 LCS Samples

All LCS %Rs met the laboratory acceptance criteria for this analysis.

3.1.4 FD Samples

All RPDs met the QAPP acceptance criteria.

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 analysis holding time criteria for preserved water samples.

3.2.2 Blanks

Method blanks, EBs, FBs, and TBs were collected and analyzed to evaluate representativeness.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation based on the criteria presented in Section 2.2.2.

3.2.2.1 Method Blanks

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

3.2.2.2 EBs and FBs

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

3.2.2.3 TBs

No contaminants were detected in the trip 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 1,2,3-trichloropropane and 1,4-dioxane data is regarded as acceptable.

3.4 Completeness

The completeness level attained for 1,2,3-trichloropropane and 1,4-dioxane 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.

3.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory PQLs met the specified requirements described in the QAPP.

4.0 SEMIVOLATILE ORGANIC COMPOUNDS

A total of 279 soil and 3 water samples were analyzed for SVOCs by EPA SW-846 Method 8270C. The target analyte list for soil and water samples included 63 SVOCs. The parameters 1-methylnaphthalene and octachlorostyrene were not reported for two equipment blanks because the QC samples were reported by the lab with a low-level SVOC analyte list that does not include the two parameters. All SVOC data were assessed to be valid with the exception of 37 of the 17,762 total results which were rejected based on extremely low MS/MSD and LCS %Rs. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

4.1 Precision and Accuracy

4.1.1 Instrument Calibration

The %RSDs met the acceptance criteria of 15 percent for each individual compound and 30 percent for calibration check compounds, or the coefficient of determination (r^2) was ≥ 0.990 in the initial calibration.

Five hundred and seven (507) results were qualified as non-detected estimated (UJ). The %Ds in the initial and continuing calibration verifications were outside the acceptance criteria of 20 percent. The details regarding the qualification of results are provided in Attachment C.

4.1.2 Surrogates

One base surrogate %R was above the laboratory acceptance criteria for sample RI-25-40.0-20170418. Using professional judgment, no data were qualified when one base or one acid surrogate %R was outside the laboratory acceptance criteria and the %R was greater than or equal to 10 percent.

4.1.3 MS/MSD Samples

As a result of grossly exceeded MS/MSD %Rs (i.e., 0%), 36 results were qualified as rejected (R). Additionally, 40 results were qualified as non-detected estimated (UJ) as a result of MS/MSD %Rs below the laboratory acceptance criteria.

No data were qualified due to MS/MSD RPDs above the laboratory acceptance criteria since the associated sample results were not detected.

The details regarding the qualification of results are provided in Attachment C.

4.1.4 LCS/LCSD Samples

As a result of a grossly exceeded LCS %R (e.g., 0%), the benzidine result in sample RIDB-1-30.0-20170308-EB was qualified as rejected (R).

No data were qualified due to LCS/LCSD RPDs above the laboratory acceptance criteria since the associated results were not detected.

The details regarding the qualification of results are provided in Attachment C.

4.1.5 Internal Standards

All internal standard retention times met the method acceptance criteria.

4.1.6 FD Samples

All RPDs met the QAPP acceptance criteria for two field duplicate pairs.

Given the additional uncertainty in results reported below the PQL, no data were qualified when the RPDs were outside the QAPP acceptance criteria and the associated results in either the primary or duplicate samples were below the PQL or not detected.

4.1.7 Compound Quantitation and Target Identification

Raw data were evaluated for 43 samples. All target identifications were acceptable and all reported sample results, detects and non-detects, were correctly calculated for these Stage 4 samples.

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 soil, 7-day extraction for water, and 40-day analysis holding time criteria.

4.2.2 Blanks

Method blanks and EBs were collected and analyzed to evaluate representativeness.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation based on the criteria presented in Section 2.2.2.

4.2.2.1 Method Blanks

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

4.2.2.2 EBs

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 SVOC data is regarded as acceptable.

4.4 Completeness

The completeness level attained for SVOC field samples was 99.79 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

4.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory PQLs met the specified requirements described in the QAPP.

5.0 POLYNUCLEAR AROMATIC HYDROCARBONS

A total of 274 soil and 3 water samples were analyzed for PAHs by EPA SW-846 Method 8270C-SIM. All PAH data were assessed to be valid since none of the 4,432 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

The %RSDs met the acceptance criteria of 15 percent in the initial calibration or the coefficient of determination (r^2) was ≥ 0.990 in the initial calibration.

One hundred seventy-eight (178) results were qualified as detected estimated (J-) or non-detected estimated (UJ). The %Ds in the initial and continuing calibration verifications were outside the acceptance criteria of 20 percent. The details regarding the qualification of results are provided in Attachment D.

5.1.2 Surrogates

One base surrogate %R was above the laboratory acceptance criteria for samples RIDB-13-30.0-20170224, RIDB-27-10.0-20170321, RI-25-20.0-20170418 and RI-11-20.0-20170615. Using professional judgment, no data were qualified when one base or one acid surrogate %R was outside the laboratory acceptance criteria and the %R was greater than or equal to 10 percent.

5.1.3 MS/MSD Samples

The phenanthrene result in sample RI-28-1.0-20170614 was qualified as detected estimated (J-) due to MS/MSD %Rs below the laboratory acceptance criteria.

The benzo(b)fluoranthene and chrysene results in sample RI-22-1.0-20170504 were qualified as detected estimated (J) due to MS/MSD %Rs and RPDs above the laboratory acceptance criteria. Bias cannot be determined.

The dibenzo(a,h)anthracene result in sample RI-28-1.0-20170614 was qualified as detected estimated (J) due to MS/MSD %Rs below the laboratory acceptance criteria and MS/MSD RPDs above the laboratory acceptance criteria. Bias cannot be determined.

The details regarding the qualification of results are provided in Attachment D.

5.1.4 LCS Samples

All LCS %Rs were within the laboratory acceptance criteria.

5.1.5 Internal Standards

All internal standard areas and retention times met method acceptance criteria.

5.1.6 FD Samples

Given the additional uncertainty in results reported below the PQL, no data were qualified when the RPDs were outside the QAPP acceptance criteria and the associated results in either the primary or duplicate samples were below the PQL or not detected.

5.1.7 Compound Quantitation and Target Identification

Raw data were evaluated for 43 samples. All target identifications were acceptable and all reported sample results, detects and non-detects, were correctly calculated for these Stage 4 samples.

5.2 Representativeness

5.2.1 Holding Times

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

5.2.2 Blanks

Method blanks and EBs were collected and analyzed to evaluate representativeness.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation based on the criteria presented in Section 2.2.2.

5.2.2.1 Method Blanks

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

5.2.2.2 EBs

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 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 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.

5.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory PQLs met the specified requirements described in the QAPP.

6.0 CHLORINATED PESTICIDES

A total of 277 soil and 3 water samples were analyzed for chlorinated pesticides by EPA SW-846 Method 8081A. The target analyte list included 22 pesticides. Three additional pesticides were reported for the three equipment blanks: 2,4-DDD, 2,4'-DDT, and chlordane. All chlorinated pesticide data were assessed to be valid since none of the 6,169 total results were rejected due to holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

6.1 Precision and Accuracy

6.1.1 Instrument Calibration

The %RSDs met the acceptance criteria of 20 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 20 percent.

Twenty-four (24) results were qualified as detected estimated (J-) or non-detected estimated (UJ). The CCV %Ds were outside the acceptance criteria of 20 percent. Negative bias was removed for two of 24 results since these results were also qualified as estimated (J+) due to surrogate %R above the QAPP acceptance criteria.

The details regarding the qualification of results are provided in Attachment E.

6.1.2 Surrogates/Internal Standards

Three hundred eight (308) results were qualified as non-detected estimated (UJ) due to surrogate %Rs below the laboratory acceptance criteria.

Nineteen (19) results were qualified as estimated (J+) due to surrogate %Rs above the laboratory criteria. Positive bias was removed for three of 19 results since these results were also qualified as estimated (J- or J) due to CCV %D or RPD between two columns outside the acceptance criteria.

The details regarding the qualification of results are provided in Attachment E.

All internal standard areas and retention times met the method acceptance criteria.

6.1.3 MS/MSD Samples

One hundred thirty (130) results were qualified as non-detected estimated (UJ) due to MS/MSD %Rs below the laboratory acceptance criteria.

No data were qualified due to MS/MSD RPDs above the laboratory acceptance criteria since the associated results were not detected.

The details regarding the qualification of results are provided in Attachment E.

6.1.4 LCS/LCSD Samples

No data were qualified due to an LCS %R above the laboratory acceptance criteria since the associated results were not detected.

All LCS/LCSD RPDs met the laboratory acceptance criteria for this analysis.

6.1.5 FD Samples

The RPDs met the QAPP acceptance criteria in two field duplicate pairs.

Given the additional uncertainty in results reported below the PQL, no data were qualified when the RPDs were outside the QAPP acceptance criteria and the associated results in either the primary or duplicate samples were below the PQL or not detected.

6.1.6 Compound Quantitation and Target Identification

Raw data were evaluated for 43 samples. All target identifications were acceptable and all reported sample results, detects and non-detects, were correctly calculated for these Stage 4 samples.

As a result of compound quantitation non-conformances (i.e., RPD between two columns > 40%), the 4,4'-DDT results in samples RIDB-12-1.0-20170321, RIDB-12-10.0-20170322, RIDB-21-1.0-20170328 and RI-5-5.0-20170404 were qualified as estimated (J). The details regarding the qualification of results are provided in Attachment E.

In instances wherein a sample was reextracted and reanalyzed by the laboratory, data were qualified as not reportable (DNR) by the validators in order to yield only one complete set of data for a given sample. For sample RI-21-10.0-20170422, the results from the original analysis were considered most useable since the reanalysis confirmed the low surrogate %R. DNR qualified results are excluded from Table V.

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 14-day extraction for soil, 7-day extraction for water, and 40-day analysis holding time criteria.

6.2.2 Blanks

Method blanks and EBs were collected and analyzed to evaluate representativeness.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation based on the criteria presented in Section 2.2.2.

6.2.2.1 Method Blanks

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

6.2.2.2 EBs

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

6.3 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 chlorinated pesticide data is regarded as acceptable.

6.4 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.

6.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory PQLs met the specified requirements described in the QAPP.

7.0 AROCLOR-1260

A total of 271 soil and 24 water samples were analyzed for aroclor-1260 by EPA SW-846 Method 8082. All aroclor-1260 data were assessed to be valid since none of the 295 total results were rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

7.1 Precision and Accuracy

7.1.1 Instrument Calibration

The %RSDs met the acceptance criteria of 20 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 20 percent.

7.1.2 Surrogates/Internal Standards

The aroclor-1260 result in sample RI-28-1.0-20170614 was qualified as estimated (J+) due to a surrogate %R above the laboratory acceptance criteria.

The aroclor-1260 result in sample RI-16-20.0-20170312 was qualified as non-detected estimated (UJ) due to a surrogate %R below the laboratory acceptance criteria.

The details regarding the qualification of results are provided in Attachment F.

All internal standard areas and retention times met the method acceptance criteria.

7.1.3 MS/MSD Samples

The aroclor-1260 results in samples RIDB-14-5.0-20170223, RIDB-27-30.0-20170321, and RI-28-30.0-20170614 were qualified as non-detected estimated (UJ) due to MS/MSD %Rs below the laboratory acceptance criteria.

No data were qualified due to a MS/MSD RPD above the laboratory acceptance criteria since aroclor-1260 was not detected in sample RISB-28-30.0-20170614. The details regarding the qualification of results are provided in Attachment F.

7.1.4 LCS/LCSD Samples

All LCS/LCSD %Rs and RPDs were within the laboratory acceptance criteria

7.1.5 FD Samples

No aroclor-1260 was detected in the field duplicate pairs.

7.1.6 Compound Quantitation and Target Identification

Raw data were evaluated for 40 samples. All target identifications were acceptable and all reported sample results, detects and non-detects, were correctly calculated for these Stage 4 samples.

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 14-day extraction for soil, 7-day extraction for water, and 40-day analysis holding time criteria.

7.2.2 Blanks

Method blanks, EBs, and FBs were collected and analyzed to evaluate representativeness.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation based on the criteria presented in Section 2.2.2.

7.2.2.1 Method Blanks

No contaminants were detected in the method blanks.

7.2.2.2 EBs and FBs

No contaminants were detected in the equipment or field blanks.

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 PCB data is regarded as acceptable.

7.4 Completeness

The completeness level attained for aroclor-1260 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.

7.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory PQLs met the specified requirements described in the QAPP.

8.0 POLYCHLORINATED DIOXINS AND DIBENZOFURANS

A total of 268 soil and 5 water samples were analyzed for PCDD/PCDFs and the Total TEQ calculated by EPA SW-846 Method 8290. All PCDD/PCDF data were assessed to be valid with the exception of 26 of the 7,098 total results which were rejected due to sample container breakage. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

8.1 Precision and Accuracy

8.1.1 Instrument Calibration

The %RSDs in the initial calibration and the %Ds in the initial calibration verifications 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.

Five (5) OCDF results were qualified as detected estimated (J+). The CCV %D was outside the acceptance criteria of 20 percent. Positive bias was removed for two of five results since these results were also qualified as estimated (J) due to method blank contamination. The details regarding the qualification of results are provided in Attachment G.

8.1.2 MS/MSD Samples

The 1,2,3,4,7,8,9-heptachlorodibenzofuran and total HpCDF results in sample RIDB-27-30.0-20170321 were qualified as detected estimated (J+) as a result of MS/MSD %Rs above the laboratory acceptance criteria. Positive bias was removed for the 1,2,3,4,7,8,9-heptachlorodibenzofuran result since this result was also qualified as estimated (J) due to method blank contamination. The details regarding the qualification of results are provided in Attachment G.

All MS/MSD RPDs were within the laboratory acceptance criteria.

8.1.3 LCS/LCSD Samples

The 1,2,3,7,8-PeCDD and total PeCDD results in samples RI-12-5.0-20170503, RI-12-20.0-20170503, RI-12-30.0-20170503, RI-12-30.0-20170503-FD, and RI-22-1.0-20170504 were qualified as detected estimated (J+) as a result of LCS/LCSD %R above the laboratory acceptance criteria. Positive bias was removed for five of the 10 results since these results were identified as estimated maximum possible concentration (EMPC) and were qualified as estimated (J). The details regarding the qualification of results are provided in Attachment G.

All LCS/LCSD RPDs were within the laboratory acceptance criteria.

8.1.4 Internal Standards

Fourteen (14) results for sample RIDB-15-30.0-20170310 were qualified as detected estimated (J+) or non-detected estimated (UJ) as a result of internal standard %Rs above the method acceptance criteria. Positive bias was removed for nine (9) of the 14 results since these results were qualified as estimated (J) as EMPC.

Forty-four (44) results were qualified as detected estimated (J-) or non-detected estimated (UJ) as a result of internal standard %Rs below the method acceptance criteria. Negative bias was removed for 24 of the 44 results since these results were qualified as estimated (J) as EMPC or due to blank contamination.

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

8.1.5 FD Samples

Sixty-eight (68) results in field duplicate pairs RIDB-6-5.0-20170225 and RIDB-6-5.0-20170225-FD, RIDB-5-5.0-20170311 and RIDB-5-5.0-20170311-FD, and RIDB-28-10.0-20170323 and RIDB-28-10.0-20170323-FD were qualified as detected estimated (J) due to RPDs above the QAPP acceptance criteria. The details regarding the qualification of results are provided in Attachment G.

Given the additional uncertainty in results reported below the PQL, no data were qualified when the RPDs were outside the QAPP acceptance criteria and the associated results in either the primary or duplicate samples were below the PQL or not detected.

8.1.6 Compound Quantitation and Target Identification

Raw data were evaluated for 27 samples. All target identifications were acceptable and all reported sample results, detects and non-detects, were correctly calculated for these Stage 4 samples.

As a result of compound quantitation non-conformances, seven results in samples RIDB-13-5.0-20170224, RIDB-21-1.0-20170328, and RI-25-5.0-20170417 exceeding the calibration range and 2,010 results reported by the laboratory as EMPC were qualified as estimated (J). The details regarding the qualification of results are provided in Attachment G.

In instances wherein samples were reextracted and reanalyzed by the laboratory, data were qualified as not reportable (DNR) by the validators in order to yield only one complete set of data for a given sample. For samples RI-4-5.0-20170630, RI-4-10.0-20170630, RI-4-20.0-20170630, RI-4-30.0-20170630 and RI-4-30.0-20170630-FD, the OCDD results from the reanalyses were considered most useable since the method blank associated to the original analyses had a high concentration of OCDD (i.e., >5X PQL). Due to the contamination in the method blank, the original OCDD results for these five samples were considered biased high and not accurate. DNR qualified results are excluded from Table V.

8.2 Representativeness

8.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. Results for samples that did not meet the 30-day extraction and 45-day analysis holding time criteria were not qualified. There is no holding time for PCDD/PCDFs per EPA SW-846 update V, July 2014, Revision 5.

The laboratory indicated that one cooler in SDG 440-185476-2 was received with a temperature at 8.5ºC, and in SDG 320-26104-1 sample RIDB-14-30.0-20170223 was received with a broken lid and the container for sample RIDB-8-30.0-20170222-FD was received broken. The laboratory noted in the case

narrative that because sample RIDB-8-30.0-20170222-FD was a duplicate, separate portions were taken from the container of the primary sample RIDB-8-30.0-20170222 and were used for analysis of sample RIDB-8-30.0-20170222-FD. Using professional judgment, all the results for sample RIDB-8-30.0-20170222-FD were qualified as rejected (R) since these results do not represent the sample that was collected. No other data in SDG 320-26104-1 were qualified due to this container breakage. Although sample RIDB-14-30.0-20170223 had a broken lid, the contents of the container were considered intact and cross contamination is not expected. All other samples were also received intact.

No data were qualified due to elevated cooler temperature. PCDD/PCDFs are known to be environmentally stable and are not expected to degrade significantly during transport or storage.

8.2.2 Blanks

Method blanks and EBs were collected and analyzed to evaluate representativeness. The concentration for an individual target compound in any of the 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 or Above the PQL - If a sample result for the blank contaminant was less than or greater than the PQL and the sample result was less than or equal to 5 times the blank value, the sample result was qualified as detected estimated (J) at the reported concentration.
>
> No Action - If a sample result for the blank contaminant was greater than 5 times the blank value, the result was not qualified.

8.2.2.1 Method Blanks

As a result of contamination found in the method blanks, 1,107 results were qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment G.

8.2.2.2 EBs

No data were qualified due to contaminants detected in the equipment blanks.

8.3 Comparability

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

8.4 Completeness

The completeness level attained for PCDD/PCDF field samples was 99.63 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

8.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory PQLs met the specified requirements described in the QAPP.

9.0 METALS

A total of 21 water samples were analyzed for metals by EPA Method 200.7/200.8, a total of 282 soil and 24 water samples were analyzed for metals by EPA SW-846 Method 6020A, a total of 798 soil samples and 29 water samples were analyzed for metals by EPA SW-846 Method 6010B, a total of 3 water samples were analyzed for mercury by EPA SW-846 Method 7470A, and a total of 266 soil samples were analyzed for mercury by EPA SW-846 Method 7471A. All metal data were assessed to be valid since none of the 7,158 total results were rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

9.1 Precision and Accuracy

9.1.1 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.

The mercury results in samples RI-24-10.0-20170418 and RI-25-10.0-20170418 were qualified as detected estimated (J+) due to the CRQL standards %Rs above the acceptance criteria of 70-130%. Additionally, six (6) lead results were qualified as detected estimated (J-) or non-detected estimated (UJ) due to the CRQL standards below the acceptance criteria of 70-130%. The details regarding the qualification of results are provided in Attachment H.

9.1.2 MS/MSD Samples

As a result of grossly exceeded MS/MSD %R (e.g., < 30%), 726 results were qualified as detected estimated (J-) or non-detected estimated (UJ) due to MS/MSD %Rs below the laboratory acceptance criteria. Negative bias was removed for 43 of 726 results since these results were also qualified as estimated (J) due to serial dilution %D or field duplicate above the QAPP acceptance criteria or blank contamination.

One hundred fifty-two (152) results were qualified as detected estimated (J+) due to MS/MSD %Rs above the laboratory acceptance criteria. Positive bias was removed for 40 of 152 results since these results were also qualified as estimated (J) due to MS/MSD RPD or serial dilution %D above the QAPP acceptance.

Fifty-three (53) barium, lead and strontium results were qualified as detected estimated (J) due to MS/MSD %Rs either below or above the laboratory acceptance criteria. Fifteen (15) of 53 results were also qualified as estimated (J) due to MS/MSD RPDs above the laboratory acceptance criteria. Bias cannot be determined.

Sixty-eight (68) results were qualified as detected estimated (J) or non-detected estimated (UJ) as a result of MS/MSD RPDs above the laboratory acceptance criteria.

No Niobium data were qualified as a result of grossly exceeded MS/MSD %R (e.g., < 30%) or MS/MSD %R below the laboratory acceptance criteria or MS/MSD RPD above the laboratory acceptance criteria

since the MS/MSDs were analyzed at greater than or equal to 5X dilution. The laboratory indicated that dilution was performed due to the nature of the sample matrix. Consequently, the dilution put the spike level of Niobium below the PQL which then made the %Rs unreliable.

The details regarding the qualification of results are provided in Attachment H.

9.1.3 LCS/LCSD/CRM/SRM Samples

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

All certified reference material (CRM) and standard reference material (SRM) met the laboratory acceptance criteria.

9.1.4 ICP Interference Check Sample

The boron results in samples RIDB-9-10.0-20170223, RI-27-20.0-20170519, and RI-27-40.0-20170519 were qualified as detected estimated (J+) as a result of ICS interference check concentrations exceeding method acceptance criteria. The details regarding the qualification of results are provided in Attachment H.

9.1.5 ICP Serial Dilution

Two hundred two (202) results were qualified as detected estimated (J) as a result of ICP serial dilution %Ds outside method acceptance criteria.

9.1.6 Internal Standards

All internal standard %Rs met the method acceptance criteria.

9.1.7 FD Samples

Twenty-eight (28) results in twelve field duplicate pairs were qualified as detected estimated (J) due to RPDs above the QAPP acceptance criteria. The details regarding the qualification of results are provided in Attachment H.

Given the additional uncertainty in results reported below the PQL, no data were qualified when the RPDs were outside the QAPP acceptance criteria and the associated results in either the primary or duplicate samples were below the PQL or not detected.

9.1.8 Sample Result Verification

Raw data were evaluated for 104 samples for metals by EPA SW-846 Method 6010B, 45 samples for metals by EPA SW-846 Method 6020A, and 40 samples for mercury by EPA SW-846 Method 7471A. All reported sample results, detects and non-detects, were correctly calculated for these Stage 4 samples.

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 mercury and 180-day analysis holding time criteria for all other metals.

9.2.2 Blanks

Method blanks, ICB/CCBs, EBs, and FBs were collected and analyzed to evaluate representativeness. The concentration for an individual target compound in any of the 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 qualified as estimated (J) at the reported concentration.
>
> Results Above the PQL - If a sample result and blank contaminant value were greater than the PQL and the sample result was less than 10 times the blank contaminant value, the sample result was qualified as detected estimated (J+) at the reported concentration.
>
> No Action - If blank contaminant values were less than the PQL and associated sample results were greater than the PQL, or if blank contaminant values were greater than the PQL and associated sample results were greater than 10 times the blank contaminant value, the result was not qualified.

9.2.2.1 Method and Calibration Blanks

As a result of contamination found in the method and calibration blanks, nine (9) lead, molybdenum and tungsten results were qualified as detected estimated (J, J+). The details regarding the qualification of results are provided in Attachment H.

9.2.2.2 EBs and FBs

No data were qualified due to contaminants detected in the equipment and field blanks.

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 metals data is regarded as acceptable.

9.4 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.

9.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory PQLs met the specified requirements described in the QAPP.

10.0 WET CHEMISTRY

A total of 21 water samples were analyzed for hexavalent chromium by EPA Method 218.6, alkalinity by Standard Method 2320B, total phosphorus by EPA Method 365.3, specific conductance by Standard

Method 2510B, TDS by Standard Method 2540C, cyanide by Standard Method 4500-CN-E, DOC by Standard Method 5310B, and sulfide by Standard Method 9034 and a total of 20 water samples were analyzed for pH by EPA SW-846 Method 9040C. A total of 285 soil and 3 water samples were analyzed for hexavalant chromium by EPA Method 7199, 810 soil and 50 water samples were analyzed for anions by EPA Method 300.0, 811 soil and 51 water samples were analyzed for chlorate by EPA Method 300.1B, and 939 soil and 51 water samples were analyzed for perchlorate by EPA Method 314.0. All wet chemistry data were assessed to be valid with the exception of 25 of the 5,058 total results which were rejected based on holding time exceedances or grossly exceeded MS/MSD %Rs. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

10 .1 Precision and Accuracy

10.1.1 Instrument Calibration

Instrument calibrations were evaluated for all wet chemistry methods. The correlation coefficients in the initial calibrations were within the acceptance criteria of ≥ 0.995.

No data were qualified due to continuing calibration verification %R above the acceptance criteria of 90-110% or %D above the acceptance criteria of 20 percent since the associated results were not detected.

10.1.2 Surrogate

Surrogates were evaluated for chlorate by EPA Method 300.1B. Six (6) chlorate results were qualified as estimated (J-) due to surrogate %Rs below the laboratory acceptance criteria. Negative bias was removed for two of six chlorate results since these results were also qualified as estimated (J+) due to MS/MSD %R above the QAPP acceptance criteria. The details regarding the qualification of results are provided in Attachment I.

10.1.3 MS/MSD Samples

As a result of grossly exceeded MS/MSD %Rs (e.g., < 30%), 24 perchlorate results were qualified as rejected (R). Additionally, 531 results were qualified as estimated (J-) or non-detected estimated (UJ) due to MS/MSD %Rs below the laboratory acceptance criteria. Negative bias was removed for 27 of 531 results since these results were also qualified as estimated (J) due to MS/MSD or field duplicate RPD above the QAPP acceptance criteria.

Eighty-eight (88) results were qualified as detected estimated (J+) due to MS/MSD %Rs above the laboratory acceptance criteria. Positive bias was removed for 28 of 88 results since these results were also qualified as estimated (J-, J) due to surrogate %R or MS/MSD outside the QAPP acceptance criteria.

One hundred twenty-six (126) results were qualified as detected estimated (J) or non-detected estimated (UJ) as a result of MS/MSD RPDs above the laboratory acceptance criteria.

The details regarding the qualification of results are provided in Attachment I.

10.1.4 DUP Samples

All DUP RPDs were within the QAPP acceptance criteria for these analyses.

10.1.5 LCS/LCSD Samples

All LCS/LCSD %Rs and RPDs were within the laboratory acceptance criteria.

10.1.6 FD Samples

Twenty-two (22) results in 10 field duplicate pairs were qualified as detected estimated (J) due to RPDs above the QAPP acceptance criteria. The details regarding the qualification of results are provided in Attachment I.

Given the additional uncertainty in results reported below the PQL, no data were qualified when the RPDs were outside the QAPP acceptance criteria and the associated results in either the primary or duplicate samples were below the PQL or not detected.

10.1.7 Sample Result Verification

Raw data were evaluated for 46 samples for hexavalent chromium by EPA SW-846 Method 7199, 104 samples for chlorate, nitrate as nitrate, nitrite as nitrogen and nitrate/nitrite as nitrogen, and 113 samples for perchlorate. All reported sample results, detects and non-detects, were correctly calculated for these Stage 4 samples.

10.2 Representativeness

10.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with all wet chemistry methods was conducted. All samples met the 24 hour analysis holding time criteria for hexavalent chromium for water samples, the 48 hour analysis holding time criteria for orthophosphate as phosphorus for water samples, the 28-day analysis holding time criteria for soil samples analyzed for nitrate as nitrate, nitrate/nitrite as nitrogen, nitrite as nitrogen, and orthophosphate as phosphorus, 7-day analysis holding time for water samples analyzed for sulfide and TDS, the 14-day analysis holding time criteria for alkalinity and cyanide, the 28-day analysis holding time criteria for bromide, chlorate, chloride, sulfate, perchlorate, total phosphorus, DOC, and specific conductance, and the 30-day analysis holding time criteria for hexavalent chromium for soil samples.

Eight pH results were qualified as detected estimated (J). The holding time criteria is 48 hours. Bias cannot be determined.

The nitrate as nitrate and nitrate/nitrite as nitrogen results were qualified as detected estimated (J-) and the nitrite as nitrogen result was qualified as rejected (R) for sample RI-22-50.0-20170504-EB. The analysis holding time criteria is 48 hours for water samples. Using professional judgment, the nitrite as nitrogen non-detect result was qualified as rejected when the holding time criteria were exceeded by greater than two times. The details regarding the qualification of results are presented in Attachment I.

10.2.2 Blanks

Method blanks, ICB/CCBs, EBs, and FBs were collected and analyzed to evaluate representativeness.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation based on the criteria presented in Section 9.2.2.

10.2.2.1 Laboratory and Calibration Blanks

No contaminants were detected in the laboratory or calibration blanks.

10.2.2.2 EBs and FBs

The nitrate as nitrate and nitrate/nitrite as nitrogen results in sample RI-17-30.0-20170612 were qualified as detected estimated (J+) as a result of contaminants detected in the equipment blanks.

No data were qualified due to contaminants detected in the field blanks.

The details regarding the qualification of results are presented in Attachment I.

10.3 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 wet chemistry data is regarded as acceptable.

10.4 Completeness

The completeness level attained for wet chemistry field samples was 99.5 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

10.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory PQLs met the specified requirements described in the QAPP.

11.0 RADIUM-226 AND RADIUM-228

A total of 268 soil and 3 water samples were analyzed for radium-226 by EPA Method 903.0 and radium-228 by EPA Method 904.0. All radium-226 and radium-228 data were assessed to be valid since none of the 542 total results were rejected based on holding time and QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

11.1 Precision and Accuracy

11.1.1 Instrument Calibration

All instruments and detectors were calibrated as required. Detector efficiency was determined for each radionuclide of interest. Continuing calibration and background determination was performed at the required frequencies. Results met the method acceptance criteria.

11.1.2 Carrier

Seven (7) radium-226 and seven (7) radium-228 results were qualified as detected estimated (J) as a result of carrier %R outside the method acceptance criteria. The details regarding the qualification of results are provided in Attachment J.

11.1.3 MS/MSD Samples

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

11.1.4 DUP Samples

Six (6) radium-226 and 29 radium-228 results were qualified as detected estimated (J) or non-detected estimated (UJ) as a result of DUP Relative Error Ratio (RER) exceeding the laboratory acceptance criteria. The details regarding the qualification of results are provided in Attachment J.

11.1.5 LCS/LCSD Samples

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

11.1.6 FD Samples

The field duplicate samples were evaluated for acceptable precision with RPDs for the isotopes. RPDs for results that were reported above the Requested Limit were evaluated according to the QAPP acceptance criteria.

Two radium-226 results in one field duplicate sample pair and six (6) radium-228 results in three field duplicate sample pairs were qualified as detected estimated (J) as a result of RPDs above the QAPP acceptance criteria. The details regarding the qualification of results are provided in Attachment J.

11.1.7 Isotope Quantitation and Target Identification

Raw data were evaluated for 45 samples. All target identifications were acceptable and all reported sample results, detects and non-detects, were correctly calculated for these Stage 4 samples.

11.2 Representativeness

11.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 180-day analysis holding time criteria for radium-226 and radium-228.

11.2.2 Blanks

Method blanks and EBs were collected and analyzed to evaluate representativeness.

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 Requested Limit - If a sample result and blank contaminant value were less than the Requested Limit, the sample result was qualified as estimated (J) at the reported concentration.
>
> Results Above the Requested Limit - If a sample result and blank contaminant value were greater than the Requested Limit and the sample result was less than 10 times the blank contaminant value, the sample result was qualified as detected estimated (J+) at the reported concentration.
>
> No Action - If blank contaminant values were less than the Requested Limit and associated sample results were greater than the Requested Limit, or if blank contaminant values were greater than the Requested Limit and associated sample results were greater than 10 times the blank contaminant value, the result was not qualified.

11.2.2.1 Method Blanks

As a result of contamination found in the method blanks, six radium-226 and 31 radium-228 results were qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment J.

11.2.2.2 EBs

No contaminants were detected in the equipment blanks.

11.3 Comparability

The laboratory used standard analytical methods for all of the analyses. The laboratory reported non-detect results at the sample specific Minimum Detectable Concentration (MDC). All MDCs attained were at or below the Requested Limits. The comparability of the radium-226 data is regarded as acceptable.

11.4 Completeness

The completeness level attained for radium-226 and radium-228 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.

11.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory Requested Limits met the specified requirements described in the QAPP.

12.0 ISOTOPIC THORIUM

A total of 268 soil and 3 water samples were analyzed for isotopic thorium by Method A-01-R. All isotopic thorium data were assessed to be valid since none of the 813 total results were rejected based on holding time and QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

12.1 Precision and Accuracy

12.1.1 Instrument Calibration

All instruments and detectors were calibrated as required. Detector efficiency was determined for each radionuclide of interest. Continuing calibration and background determination was performed at the required frequencies. Results met the method acceptance criteria.

12.1.2 Tracer

Nine (9) thorium-228, thorium-230, and thorium-232 results were qualified as detected estimated (J) or non-detected estimated (UJ) as a result of tracer %Rs outside the method acceptance criteria. The details regarding the qualification of results are provided in Attachment K.

12.1.3 MS/MSD Samples

Twelve (12) thorium-230 results were qualified as detected estimated (J) as a result of MS/MSD %Rs and RPDs above laboratory acceptance criteria. Bias cannot be determined. The details regarding the qualification of results are provided in Attachment K.

12.1.4 DUP Samples

All DUP RERs met the laboratory acceptance criteria.

12.1.5 LCS/LCSD Samples

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

12.1.6 FD Samples

All RPDs met the QAPP acceptance criteria.

12.1.7 Isotope Quantitation and Target Identification

Raw data were evaluated for 45 samples. All target identifications were acceptable and all reported sample results, detects and non-detects, were correctly calculated for these Stage 4 samples.

In instances wherein the sample was reextracted and reanalyzed by the laboratory, data were qualified as not reportable (DNR) by the validators in order to yield only one complete set of data for a given sample. For sample RIDB-1-0.5-20170308, the results from the original analysis were considered most useable since the reanalysis confirmed the low tracer %R. DNR qualified results are excluded from Table V.

12.2 Representativeness

12.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 180-day analysis holding time criteria for isotopic thorium.

12.2.2 Blanks

Method blanks and EBs were collected and analyzed to evaluate representativeness.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation based on the criteria presented in Section 11.2.2.

12.2.2.1 Method Blanks

As a result of contamination found in the method blanks, 22 thorium-230 and one thorium-228 results were qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment K.

12.2.2.2 EBs

No data were qualified due to contaminants detected in the equipment blanks.

12.3 Comparability

The laboratory used standard analytical methods for all of the analyses. The laboratory reported non-detect results at the sample specific MDCs. All MDCs attained were at or below the Requested Limits. The comparability of the isotopic thorium data is regarded as acceptable.

12.4 Completeness

The completeness level attained for isotopic thorium 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.

12.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory Requested Limits met the specified requirements described in the QAPP.

13.0 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.

14.0 SUMMARY OF PARCCS CRITERIA

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

14.1 Precision and Accuracy

Precision and accuracy were evaluated using data quality indicators such as calibration, surrogates, MS/MSD, DUP, LCS/LCSD, field duplicates and internal standards. 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 with the exceptions noted in Sections 2.1.1, 4.1.1, 5.1.1, 6.1.1, 8.1.1, and 9.1.1.

All surrogate, LCS/LCSD and MS/MSD %Rs and RPDs, carrier and tracer %Rs, internal standard areas and %Rs, RPD between two columns, serial dilution %Ds, ICP interference check, field duplicate RPDs, and compound quantitation and target identifications met acceptance criteria with the exceptions noted in Sections 2.1.2, 2.1.3, 2.1.4, 2.1.5, 2.1.6, 2.1.7, 3.1.1, 4.1.2, 4.1.3, 4.1.4, 5.1.2, 5.1.3, 6.1.2, 6.1.3, 6.1.6, 7.1.2, 7.1.3, 8.1.2, 8.1.3, 8.1.4, 8.1.5, 8.1.6, 9.1.2, 9.1.4, 9.1.5, 9.1.7, 10.1.2, 10.1.3, 10.1.6, 11.1.2, 11.1.4, 11.1.6, 12.1.2, and 12.1.3.

14.2 Representativeness

All samples for each method and matrix were evaluated for holding time compliance. All holding times were met with the exception noted in Section 10.2.1. All samples were associated with a method blank and in each individual SDG. The representativeness of the project data is considered acceptable after integration of result qualification due to blank contamination as noted in Sections 2.2.2.1, 2.2.2.3, 8.2.2.1, 9.2.2.1, 10.2.2.2, 11.2.2.1, and 12.2.2.1.

14.3 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 integrity criteria were met. Sample preservation and holding times were within QC criteria. The overall comparability is considered acceptable.

14.4 Completeness

Of the 122,729 total analytes reported, 108 of the sample results were rejected. The completeness for the SDGs is as follows:

Parameter	Total Analytes	No. of Rejects	% Completeness
VOCs	73,248	20	99.97
1,2,3-Trichloropropane & 1,4-Dioxane	154	0	100
SVOCs	17,762	37	99.79
PAHs	4,432	0	100
Chlorinate Pesticides	6,169	0	100
Aroclor-1260	295	0	100
PCDD/PCDF	7,098	26	99.63
Metals	7,158	0	100
Wet Chemistry	5,058	25	99.5
Radium-226 and Radium-228	542	0	100
Isotopic Thorium	813	0	100
Total	**122,729**	**108**	**99.9**

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

14.5 Sensitivity

Sensitivity was achieved by the laboratory to support the DQOs. Calibration concentrations and PQLs met the project requirements and low level contamination in the method blanks, EBs, FBs, and TBs did not affect sensitivity.

15.0 CONCLUSIONS AND RECOMMENDATIONS

The analytical data quality assessment for the soil and water sample laboratory analytical results generated during the Phase 2 Remedial Investigation soil and groundwater sampling activities completed from February through June 2017, at the NERT site in Henderson, Nevada established that the overall project requirements and completeness levels were met. Sample results that were found to be rejected (R) are unusable for all purposes. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the Stage 2A, Stage 2B, and Stage 4 data validation all other results are considered valid and usable for all purposes.

16.0 REFERENCES

Ramboll 2017. Quality Assurance Project Plan, Revision 2, Nevada Environmental Response Trust Site, Henderson, Nevada. October.

NDEP 2018. NDEP Data Validation Guidance established for the BMI Plant Sites and Common Areas Projects, Henderson, Nevada. July.

USEPA 2014. Multi Agency Radiological Laboratory Analytical Protocols (MARLAP) Manual. July.

USEPA 2016. USEPA National Functional Guidelines for High Resolution Superfund Methods Data Review. April.

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

____.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; update V, July 2014.

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

TABLES

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	160212331	M-5D-52.0-20170222	160-21233-1		2/22/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-8-1.0-20170222	160-21233-2		2/22/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-8-5.0-20170222	160-21233-3		2/22/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-8-10.0-20170222	160-21233-4		2/22/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-8-20.0-20170222	160-21233-5		2/22/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-8-30.0-20170222	160-21233-6	FD3	2/22/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-8-30.0-20170222-FD	160-21233-7	FD3	2/22/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-9-1.0-20170222	160-21233-8		2/22/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-9-5.0-20170222	160-21233-9		2/22/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-9-10.0-20170223	160-21233-10		2/23/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-9-20.0-20170223	160-21233-11		2/23/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-9-30.0-20170223	160-21233-12		2/23/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-14-1.0-20170223	160-21233-13		2/23/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-14-5.0-20170223	160-21233-14		2/23/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-14-10.0-20170223	160-21233-15	FD1	2/23/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-14-10.0-20170223-FD	160-21233-16	FD1	2/23/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-14-20.0-20170223	160-21233-17		2/23/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-14-30.0-20170223	160-21233-18		2/23/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-10-1.0-20170223	160-21233-19		2/23/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-10-5.0-20170223	160-21233-20		2/23/2017	Soil	Stage 2B									X																	X	X	X
38743	160212331	RIDB-10-10.0-20170224-EB	160-21233-21	EB	2/24/2017	Water	Stage 2A									X																	X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	160212331	RIDB-13-1.0-20170224	160-21233-22		2/24/2017	Soil	Stage 2B									X																X	X	X
38743	160212331	RIDB-13-5.0-20170224	160-21233-23		2/24/2017	Soil	Stage 2B									X																X	X	X
38743	160212331	RIDB-13-10.0-20170224	160-21233-24		2/24/2017	Soil	Stage 2B									X																X	X	X
38743	160212331	RIDB-10-10.0-20170224	160-21233-25		2/24/2017	Soil	Stage 2B									X																X	X	X
38743	160212331	RIDB-10-20.0-20170224	160-21233-26		2/24/2017	Soil	Stage 2B									X																X	X	X
38743	160212331	RIDB-10-30.0-20170224	160-21233-27		2/24/2017	Soil	Stage 2B									X																X	X	X
38743	160212331	RIDB-13-20.0-20170224	160-21233-28		2/24/2017	Soil	Stage 2B									X																X	X	X
38743	160212331	RIDB-13-30.0-20170224	160-21233-29	FD2	2/24/2017	Soil	Stage 2B									X																X	X	X
38743	160212331	RIDB-13-30.0-20170224-FD	160-21233-30	FD2	2/24/2017	Soil	Stage 2B									X																X	X	X
38743	160212541	RIDB-6-0.5-20170225	160-21254-1		2/25/2017	Soil	Stage 2B									X																X	X	X
38743	160212541	RIDB-6-5.0-20170225	160-21254-2	FD4	2/25/2017	Soil	Stage 2B									X																X	X	X
38743	160212541	RIDB-6-5.0-20170225-FD	160-21254-3	FD4	2/25/2017	Soil	Stage 2B									X																X	X	X
38743	160212541	RIDB-6-10.0-20170226	160-21254-4		2/26/2017	Soil	Stage 2B									X																X	X	X
38743	160212541	RIDB-6-20.0-20170226	160-21254-5		2/26/2017	Soil	Stage 2B									X																X	X	X
38743	160212541	RIDB-6-30.0-20170226	160-21254-6		2/26/2017	Soil	Stage 2B									X																X	X	X
38743	320261041	M-5D-52.0-20170222	320-26104-1		2/22/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-8-1.0-20170222	320-26104-2		2/22/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-8-5.0-20170222	320-26104-3		2/22/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-8-10.0-20170222	320-26104-4		2/22/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-8-20.0-20170222	320-26104-5		2/22/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-8-30.0-20170222	320-26104-6	FD7	2/22/2017	Soil	Stage 2B							X																				

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	320261041	RIDB-8-30.0-20170222-FD	320-26104-7	FD7	2/22/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-9-1.0-20170222	320-26104-8		2/22/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-9-5.0-20170222	320-26104-9		2/22/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-9-10.0-20170223	320-26104-10		2/23/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-9-20.0-20170223	320-26104-11		2/23/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-9-30.0-20170223	320-26104-12		2/23/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-14-1.0-20170223	320-26104-13		2/23/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-14-5.0-20170223	320-26104-14		2/23/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-14-10.0-20170223	320-26104-15	FD5	2/23/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-14-10.0-20170223-FD	320-26104-16	FD5	2/23/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-14-20.0-20170223	320-26104-17		2/23/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-14-30.0-20170223	320-26104-18		2/23/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-10-1.0-20170223	320-26104-19		2/23/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-10-5.0-20170223	320-26104-20		2/23/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-10-10.0-20170224-EB	320-26104-21	EB	2/24/2017	Water	Stage 2A							X																				
38743	320261041	RIDB-13-1.0-20170224	320-26104-22		2/24/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-13-5.0-20170224	320-26104-23		2/24/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-13-10.0-20170224	320-26104-24		2/24/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-13-20.0-20170224	320-26104-25		2/24/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-13-30.0-20170224	320-26104-26	FD6	2/24/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-13-30.0-20170224-FD	320-26104-27	FD6	2/24/2017	Soil	Stage 2B							X																				

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	320261041	RIDB-10-10.0-20170224	320-26104-28		2/24/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-10-20.0-20170224	320-26104-29		2/24/2017	Soil	Stage 2B							X																				
38743	320261041	RIDB-10-30.0-20170224	320-26104-30		2/24/2017	Soil	Stage 2B							X																				
38743	320261331	RIDB-6-0.5-20170225	320-26133-1		2/25/2017	Soil	Stage 2B							X																				
38743	320261331	RIDB-6-5.0-20170225	320-26133-2	FD8	2/25/2017	Soil	Stage 2B							X																				
38743	320261331	RIDB-6-5.0-20170225-FD	320-26133-3	FD8	2/25/2017	Soil	Stage 2B							X																				
38743	320261331	RIDB-6-10.0-20170226	320-26133-4		2/26/2017	Soil	Stage 2B							X																				
38743	320261331	RIDB-6-20.0-20170226	320-26133-5		2/26/2017	Soil	Stage 2B							X																				
38743	320261331	RIDB-6-30.0-20170226	320-26133-6		2/26/2017	Soil	Stage 2B							X																				
38743	4401778261	RIDB-9-1.0-20170222-TB	440-177826-1	TB	2/22/2017	Soil	Stage 2B	X																										
38743	4401778261	RIDB-9-1.0-20170222	440-177826-2		2/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401778261	RIDB-9-5.0-20170222	440-177826-3		2/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401778261	RIDB-8-1.0-20170222	440-177826-4		2/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401778261	RIDB-8-5.0-20170222	440-177826-5		2/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401778261	RIDB-8-10.0-20170222	440-177826-6		2/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401778261	RIDB-8-20.0-20170222	440-177826-7		2/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401778261	RIDB-8-30.0-20170222	440-177826-8	FD9	2/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401778261	RIDB-8-30.0-20170222-FD	440-177826-9	FD9	2/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401778261	RIDB-8-40.0-20170222	440-177826-10		2/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401778261	RIDB-8-50.0-20170222	440-177826-11		2/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401778261	RIDB-8-60.0-20170222	440-177826-12		2/22/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401778261	RIDB-8-70.0-20170222	440-177826-13		2/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401778261	RIDB-8-80.0-20170222	440-177826-14		2/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401778261	M-5D-52.0-20170222	440-177826-15		2/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401780271	RIDB-8-90.0-20170223-TB	440-178027-1	TB	2/23/2017	Soil	Stage 2B	X																										
38743	4401780271	RIDB-8-90.0-20170223	440-178027-2		2/23/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401780271	RIDB-14-1.0-20170223	440-178027-3		2/23/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401780271	RIDB-14-5.0-20170223	440-178027-4		2/23/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401780271	RIDB-14-10.0-20170223	440-178027-5		2/23/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401780271	RIDB-14-20.0-20170223	440-178027-6		2/23/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401780271	RIDB-9-10.0-20170223	440-178027-7		2/23/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401780271	RIDB-9-20.0-20170223	440-178027-8		2/23/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401780271	RIDB-9-30.0-20170223	440-178027-9		2/23/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401780271	RIDB-9-40.0-20170223	440-178027-10		2/23/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401780271	RIDB-9-50.0-20170223	440-178027-11	FD10	2/23/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401780271	RIDB-9-50.0-20170223-FD	440-178027-12	FD10	2/23/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401780271	RIDB-9-60.0-20170223	440-178027-13		2/23/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401780271	RIDB-9-70.0-20170223	440-178027-14		2/23/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401780271	RIDB-9-80.0-20170223	440-178027-15		2/23/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401780971	RIDB-10-10.0-20170224-EB	440-178097-1	EB	2/24/2017	Water	Stage 2A	X	X	X	X	X	X		X			X			X	X	X	X										
38743	4401780971	RIDB-10-10.0-20170224-EBTB	440-178097-2	EB	2/24/2017	Water	Stage 2A	X	X																									
38743	4401781721	RIDB-10-5.0-20170223	440-178172-1		2/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401781721	RIDB-13-1.0-20170224	440-178172-2		2/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401781721	RIDB-13-5.0-20170224	440-178172-3		2/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401781721	RIDB-13-10.0-20170224	440-178172-4		2/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401781721	RIDB-13-20.0-20170224	440-178172-5		2/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401781721	RIDB-13-30.0-20170224	440-178172-6	FD12	2/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401781721	RIDB-13-30.0-20170224-FD	440-178172-7	FD12	2/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401781721	RIDB-13-40.0-20170224	440-178172-8		2/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401781721	RIDB-13-50.0-20170224	440-178172-9		2/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401781721	RIDB-13-60.0-20170224	440-178172-10		2/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401781721	RIDB-10-10.0-20170224	440-178172-11		2/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401781721	RIDB-10-20.0-20170224	440-178172-12		2/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401781721	RIDB-14-30.0-20170223-TB	440-178172-13	TB	2/23/2017	Soil	Stage 2B	X																										
38743	4401781721	RIDB-14-30.0-20170223	440-178172-14		2/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401781721	RIDB-14-40.0-20170223	440-178172-15	FD11	2/23/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401781721	RIDB-14-40.0-20170223-FD	440-178172-16	FD11	2/23/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401781721	RIDB-14-50.0-20170223	440-178172-17		2/23/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401781721	RIDB-14-60.0-20170223	440-178172-18		2/23/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401781721	RIDB-14-70.0-20170224	440-178172-19		2/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401781721	RIDB-14-80.0-20170224	440-178172-20		2/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401781721	RIDB-14-90.0-20170224	440-178172-21		2/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401781721	RIDB-9-90.0-20170223	440-178172-22		2/23/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401781721	RIDB-10-1.0-20170223	440-178172-23		2/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401781721	RIDB-10-30.0-20170224	440-178172-24		2/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401783021	RIDB-10-40.0-20170224-TB	440-178302-1	TB	2/24/2017	Soil	Stage 2B	X																										
38743	4401783021	RIDB-10-40.0-20170224	440-178302-2		2/24/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401783021	RIDB-10-50.0-20170224	440-178302-3		2/24/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401783021	RIDB-10-60.0-20170224	440-178302-4		2/24/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401783021	RIDB-10-70.0-20170225	440-178302-5		2/25/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401783021	RIDB-10-80.0-20170225	440-178302-6	FD14	2/25/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401783021	RIDB-10-80.0-20170225-FD	440-178302-7	FD14	2/25/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401783021	RIDB-10-90.0-20170225	440-178302-8		2/25/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401783021	RIDB-13-70.0-20170224	440-178302-9		2/24/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401783021	RIDB-13-80.0-20170224	440-178302-10		2/24/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401783021	RIDB-13-90.0-20170224	440-178302-11		2/24/2017	Soil	Stage 4	X							X							X	X	X										
38743	4401783021	RIDB-6-0.5-20170225	440-178302-12		2/25/2017	Soil	Stage 4						X		X				X		X	X	X	X										
38743	4401783022	RIDB-6-0.5-20170225	440-178302-12		2/25/2017	Soil	Stage 2B	X																										
38743	4401783023	RIDB-6-0.5-20170225	440-178302-12		2/25/2017	Soil	Stage 4			X	X	X																						
38743	4401783021	RIDB-6-5.0-20170225	440-178302-13	FD13	2/25/2017	Soil	Stage 4						X		X				X		X	X	X	X										
38743	4401783022	RIDB-6-5.0-20170225	440-178302-13	FD15	2/25/2017	Soil	Stage 2B	X																										
38743	4401783023	RIDB-6-5.0-20170225	440-178302-13	FD16	2/25/2017	Soil	Stage 4			X	X	X																						
38743	4401783021	RIDB-6-5.0-20170225-FD	440-178302-14	FD13	2/25/2017	Soil	Stage 4						X		X				X		X	X	X	X										
38743	4401783022	RIDB-6-5.0-20170225-FD	440-178302-14	FD15	2/25/2017	Soil	Stage 2B	X																										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401783023	RIDB-6-5.0-20170225-FD	440-178302-14	FD16	2/25/2017	Soil	Stage 4			X	X	X																						
38743	4401783021	RIDB-6-10.0-20170226-TB	440-178302-15	TB	2/26/2017	Soil	Stage 2B	X																										
38743	4401783021	RIDB-6-10.0-20170226	440-178302-16		2/26/2017	Soil	Stage 4						X		X				X		X	X	X	X										
38743	4401783022	RIDB-6-10.0-20170226	440-178302-16		2/26/2017	Soil	Stage 2B	X																										
38743	4401783023	RIDB-6-10.0-20170226	440-178302-16		2/26/2017	Soil	Stage 4			X	X	X																						
38743	4401783021	RIDB-6-20.0-20170226	440-178302-17		2/26/2017	Soil	Stage 4						X		X				X		X	X	X	X										
38743	4401783022	RIDB-6-20.0-20170226	440-178302-17		2/26/2017	Soil	Stage 2B	X																										
38743	4401783023	RIDB-6-20.0-20170226	440-178302-17		2/26/2017	Soil	Stage 4			X	X	X																						
38743	4401783021	RIDB-6-30.0-20170226	440-178302-18		2/26/2017	Soil	Stage 4						X		X				X		X	X	X	X										
38743	4401783022	RIDB-6-30.0-20170226	440-178302-18		2/26/2017	Soil	Stage 2B	X																										
38743	4401783023	RIDB-6-30.0-20170226	440-178302-18		2/26/2017	Soil	Stage 4			X	X	X																						
38743	4401783021	RIDB-6-40.0-20170226	440-178302-19		2/26/2017	Soil	Stage 4								X							X	X	X										
38743	4401783022	RIDB-6-40.0-20170226	440-178302-19		2/26/2017	Soil	Stage 2B	X																										
38743	4401783023	RIDB-6-40.0-20170226	440-178302-19		2/26/2017	Soil	Stage 4			X	X	X																						
38743	4401783021	RIDB-6-50.0-20170226	440-178302-20		2/26/2017	Soil	Stage 4								X							X	X	X										
38743	4401783022	RIDB-6-50.0-20170226	440-178302-20		2/26/2017	Soil	Stage 2B	X																										
38743	4401783023	RIDB-6-50.0-20170226	440-178302-20		2/26/2017	Soil	Stage 4			X	X	X																						
38743	4401783021	RIDB-6-60.0-20170226	440-178302-21		2/26/2017	Soil	Stage 4								X							X	X	X										
38743	4401783022	RIDB-6-60.0-20170226	440-178302-21		2/26/2017	Soil	Stage 2B	X																										
38743	4401783023	RIDB-6-60.0-20170226	440-178302-21		2/26/2017	Soil	Stage 4			X	X	X																						
38748	4401790221	RIDB-4-0.5-20170306-TB	440-179022-1	TB	3/6/2017	Soil	Stage 2B	X																										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401790221	RIDB-4-0.5-20170306	440-179022-2		3/6/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401790222	RIDB-4-0.5-20170306	440-179022-2		3/6/2017	Soil	Stage 2B							X																					
38748	4401790223	RIDB-4-0.5-20170306	440-179022-2		3/6/2017	Soil	Stage 2B									X																	X	X	X
38748	4401790221	RIDB-4-5.0-20170307	440-179022-3		3/7/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401790222	RIDB-4-5.0-20170307	440-179022-3		3/7/2017	Soil	Stage 2B							X																					
38748	4401790223	RIDB-4-5.0-20170307	440-179022-3		3/7/2017	Soil	Stage 2B									X																	X	X	X
38748	4401790221	RIDB-4-10.0-20170307	440-179022-4	FD17	3/7/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401790222	RIDB-4-10.0-20170307	440-179022-4	FD18	3/7/2017	Soil	Stage 2B							X																					
38748	4401790223	RIDB-4-10.0-20170307	440-179022-4	FD19	3/7/2017	Soil	Stage 2B									X																	X	X	X
38748	4401790221	RIDB-4-10.0-20170307-FD	440-179022-5	FD17	3/7/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401790222	RIDB-4-10.0-20170307-FD	440-179022-5	FD18	3/7/2017	Soil	Stage 2B							X																					
38748	4401790223	RIDB-4-10.0-20170307-FD	440-179022-5	FD19	3/7/2017	Soil	Stage 2B									X																	X	X	X
38748	4401790221	RIDB-4-20.0-20170307	440-179022-6		3/7/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401790222	RIDB-4-20.0-20170307	440-179022-6		3/7/2017	Soil	Stage 2B							X																					
38748	4401790223	RIDB-4-20.0-20170307	440-179022-6		3/7/2017	Soil	Stage 2B									X																	X	X	X
38748	4401790221	RIDB-4-30.0-20170307	440-179022-7		3/7/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401790222	RIDB-4-30.0-20170307	440-179022-7		3/7/2017	Soil	Stage 2B							X																					
38748	4401790223	RIDB-4-30.0-20170307	440-179022-7		3/7/2017	Soil	Stage 2B									X																	X	X	X
38748	4401790221	RIDB-4-40.0-20170307	440-179022-8		3/7/2017	Soil	Stage 2B	X		X		X			X							X	X	X										
38748	4401790221	RIDB-4-50.0-20170307	440-179022-9		3/7/2017	Soil	Stage 2B	X		X		X			X							X	X	X										
38748	4401790221	RIDB-4-60.0-20170307	440-179022-10		3/7/2017	Soil	Stage 2B	X		X		X			X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401790221	RIDB-20-1.0-20170307	440-179022-11		3/7/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401790222	RIDB-20-1.0-20170307	440-179022-11		3/7/2017	Soil	Stage 2B							X																					
38748	4401790223	RIDB-20-1.0-20170307	440-179022-11		3/7/2017	Soil	Stage 2B									X																	X	X	X
38748	4401791531	RIDB-4-70.0-20170307	440-179153-2		3/7/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401791531	RIDB-4-80.0-20170307	440-179153-3		3/7/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401791531	RIDB-4-90.0-20170307	440-179153-4		3/7/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401791531	RIDB-1-0.5-20170308	440-179153-5		3/8/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401791532	RIDB-1-0.5-20170308	440-179153-5		3/8/2017	Soil	Stage 2B							X																					
38748	4401791533	RIDB-1-0.5-20170308	440-179153-5		3/8/2017	Soil	Stage 4									X																	X	X	X
38748	4401791531	RIDB-1-5.0-20170308	440-179153-6		3/8/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401791532	RIDB-1-5.0-20170308	440-179153-6		3/8/2017	Soil	Stage 2B							X																					
38748	4401791533	RIDB-1-5.0-20170308	440-179153-6		3/8/2017	Soil	Stage 4									X																	X	X	X
38748	4401791531	RIDB-1-10.0-20170308	440-179153-7		3/8/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401791532	RIDB-1-10.0-20170308	440-179153-7		3/8/2017	Soil	Stage 2B							X																					
38748	4401791533	RIDB-1-10.0-20170308	440-179153-7		3/8/2017	Soil	Stage 4									X																	X	X	X
38748	4401791531	RIDB-1-20.0-20170308	440-179153-8		3/8/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401791532	RIDB-1-20.0-20170308	440-179153-8		3/8/2017	Soil	Stage 2B							X																					
38748	4401791533	RIDB-1-20.0-20170308	440-179153-8		3/8/2017	Soil	Stage 4									X																	X	X	X
38748	4401791531	RIDB-1-30.0-20170308	440-179153-9		3/8/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401791532	RIDB-1-30.0-20170308	440-179153-9		3/8/2017	Soil	Stage 2B							X																					
38748	4401791533	RIDB-1-30.0-20170308	440-179153-9		3/8/2017	Soil	Stage 4									X																	X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401791531	RIDB-1-30.0-20170308-EB	440-179153-10	EB	3/8/2017	Water	Stage 2A	X	X	X	X	X	X		X			X			X	X	X	X								X	X	X
38748	4401791532	RIDB-1-30.0-20170308-EB	440-179153-10	EB	3/8/2017	Water	Stage 2A							X																					
38748	4401791533	RIDB-1-30.0-20170308-EB	440-179153-10	EB	3/8/2017	Water	Stage 2A									X																	X	X	X
38748	4401791531	RIDB-1-40.0-20170308	440-179153-11		3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401791531	RIDB-1-50.0-20170308	440-179153-12	FD20	3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401791531	RIDB-1-50.0-20170308-FD	440-179153-13	FD20	3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401791531	RIDB-20-5.0-20170307	440-179153-14		3/7/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401791532	RIDB-20-5.0-20170307	440-179153-14		3/7/2017	Soil	Stage 2B							X																					
38748	4401791533	RIDB-20-5.0-20170307	440-179153-14		3/7/2017	Soil	Stage 4									X																	X	X	X
38748	4401791531	RIDB-20-10.0-20170308	440-179153-15		3/8/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401791532	RIDB-20-10.0-20170308	440-179153-15		3/8/2017	Soil	Stage 2B							X																					
38748	4401791533	RIDB-20-10.0-20170308	440-179153-15		3/8/2017	Soil	Stage 4									X																	X	X	X
38748	4401791531	RIDB-20-20.0-20170308	440-179153-16		3/8/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401791532	RIDB-20-20.0-20170308	440-179153-16		3/8/2017	Soil	Stage 2B							X																					
38748	4401791533	RIDB-20-20.0-20170308	440-179153-16		3/8/2017	Soil	Stage 4									X																	X	X	X
38748	4401791531	RIDB-20-30.0-20170308	440-179153-17	FD21	3/8/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401791532	RIDB-20-30.0-20170308	440-179153-17	FD22	3/8/2017	Soil	Stage 2B							X																					
38748	4401791533	RIDB-20-30.0-20170308	440-179153-17	FD23	3/8/2017	Soil	Stage 4									X																	X	X	X
38748	4401791531	RIDB-20-30.0-20170308-FD	440-179153-18	FD21	3/8/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401791532	RIDB-20-30.0-20170308-FD	440-179153-18	FD22	3/8/2017	Soil	Stage 2B							X																					
38748	4401791533	RIDB-20-30.0-20170308-FD	440-179153-18	FD23	3/8/2017	Soil	Stage 4									X																	X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401791531	RIDB-20-40.0-20170308	440-179153-19		3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401791531	RIDB-20-50.0-20170308	440-179153-20		3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401791531	RIDB-20-60.0-20170308	440-179153-21		3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401791531	RIDB-20-70.0-20170308	440-179153-22		3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401791531	RIDB-20-80.0-20170308	440-179153-23		3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401791531	RIDB-20-90.0-20170308	440-179153-24		3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401791531	RIDB-1-30.0-20170308-EBTB	440-179153-25	EB	3/8/2017	Water	Stage 2A	X	X																									
38748	4401792801	RIDB-1-60.0-20170308-TB	440-179280-1	TB	3/8/2017	Soil	Stage 2B	X																										
38748	4401792801	RIDB-1-60.0-20170308	440-179280-2		3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401792801	RIDB-1-70.0-20170308	440-179280-3		3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401792801	RIDB-1-80.0-20170308	440-179280-4		3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401792801	RIDB-1-90.0-20170308	440-179280-5		3/8/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401792801	RIDB-2-0.5-20170309	440-179280-6		3/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401792802	RIDB-2-0.5-20170309	440-179280-6		3/9/2017	Soil	Stage 2B							X																				
38748	4401792803	RIDB-2-0.5-20170309	440-179280-6		3/9/2017	Soil	Stage 2B									X																X	X	X
38748	4401792801	RIDB-2-5.0-20170309	440-179280-7		3/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401792802	RIDB-2-5.0-20170309	440-179280-7		3/9/2017	Soil	Stage 2B							X																				
38748	4401792803	RIDB-2-5.0-20170309	440-179280-7		3/9/2017	Soil	Stage 2B									X																X	X	X
38748	4401792801	RIDB-2-10.0-20170309	440-179280-8		3/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401792802	RIDB-2-10.0-20170309	440-179280-8		3/9/2017	Soil	Stage 2B							X																				
38748	4401792803	RIDB-2-10.0-20170309	440-179280-8		3/9/2017	Soil	Stage 2B									X																X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401792801	RIDB-2-20.0-20170309	440-179280-9	FD24	3/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401792802	RIDB-2-20.0-20170309	440-179280-9	FD24	3/9/2017	Soil	Stage 2B							X																					
38748	4401792803	RIDB-2-20.0-20170309	440-179280-9	FD24	3/9/2017	Soil	Stage 2B									X																	X	X	X
38748	4401792801	RIDB-2-20.0-20170309-FD	440-179280-10	FD24	3/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401792802	RIDB-2-20.0-20170309-FD	440-179280-10	FD24	3/9/2017	Soil	Stage 2B							X																					
38748	4401792803	RIDB-2-20.0-20170309-FD	440-179280-10	FD24	3/9/2017	Soil	Stage 2B									X																	X	X	X
38748	4401792801	RIDB-2-30.0-20170309	440-179280-11		3/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401792802	RIDB-2-30.0-20170309	440-179280-11		3/9/2017	Soil	Stage 2B							X																					
38748	4401792803	RIDB-2-30.0-20170309	440-179280-11		3/9/2017	Soil	Stage 2B									X																	X	X	X
38748	4401792801	RIDB-2-40.0-20170309	440-179280-12		3/9/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401792801	RIDB-2-50.0-20170309	440-179280-13		3/9/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401792801	RIDB-2-60.0-20170309	440-179280-14		3/9/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401792801	RIDB-2-70.0-20170309	440-179280-15		3/9/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401792801	RIDB-2-80.0-20170309	440-179280-16		3/9/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401792801	RIDB-2-90.0-20170309	440-179280-17		3/9/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401792801	RIDB-17-1.0-20170309	440-179280-18		3/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401792802	RIDB-17-1.0-20170309	440-179280-18		3/9/2017	Soil	Stage 2B							X																					
38748	4401792803	RIDB-17-1.0-20170309	440-179280-18		3/9/2017	Soil	Stage 2B									X																	X	X	X
38748	4401792801	RIDB-17-5.0-20170309	440-179280-19		3/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401792802	RIDB-17-5.0-20170309	440-179280-19		3/9/2017	Soil	Stage 2B							X																					
38748	4401792803	RIDB-17-5.0-20170309	440-179280-19		3/9/2017	Soil	Stage 2B									X																	X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401792801	RIDB-17-10.0-20170309	440-179280-20		3/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401792802	RIDB-17-10.0-20170309	440-179280-20		3/9/2017	Soil	Stage 2B							X																					
38748	4401792803	RIDB-17-10.0-20170309	440-179280-20		3/9/2017	Soil	Stage 2B									X																	X	X	X
38748	4401792801	RIDB-17-20.0-20170309	440-179280-21		3/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401792802	RIDB-17-20.0-20170309	440-179280-21		3/9/2017	Soil	Stage 2B							X																					
38748	4401792803	RIDB-17-20.0-20170309	440-179280-21		3/9/2017	Soil	Stage 2B									X																	X	X	X
38748	4401792801	RIDB-17-30.0-20170309	440-179280-22	FD25	3/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401792802	RIDB-17-30.0-20170309	440-179280-22	FD25	3/9/2017	Soil	Stage 2B							X																					
38748	4401792803	RIDB-17-30.0-20170309	440-179280-22	FD25	3/9/2017	Soil	Stage 2B									X																	X	X	X
38748	4401792801	RIDB-17-30.0-20170309-FD	440-179280-23	FD25	3/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401792802	RIDB-17-30.0-20170309-FD	440-179280-23	FD25	3/9/2017	Soil	Stage 2B							X																					
38748	4401792803	RIDB-17-30.0-20170309-FD	440-179280-23	FD25	3/9/2017	Soil	Stage 2B									X																	X	X	X
38748	4401792801	RIDB-17-40.0-20170309	440-179280-24		3/9/2017	Soil	Stage 2B	X		X					X							X	X	X										
38748	4401792801	RIDB-17-50.0-20170309	440-179280-25		3/9/2017	Soil	Stage 2B	X		X					X							X	X	X										
38748	4401792801	RIDB-17-60.0-20170309	440-179280-26		3/9/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401792801	RIDB-17-60.0-20170309-EB	440-179280-27	EB	3/9/2017	Water	Stage 2A	X	X						X							X	X	X										
38748	4401792801	RIDB-17-60.0-20170309-EBTB	440-179280-28	EB	3/9/2017	Water	Stage 2A	X	X																									
38748	4401794191	RIDB-3-0.5-20170310	440-179419-1		3/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794192	RIDB-3-0.5-20170310	440-179419-1		3/10/2017	Soil	Stage 2B							X																					
38748	4401794193	RIDB-3-0.5-20170310	440-179419-1		3/10/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794191	RIDB-3-5.0-20170310	440-179419-2		3/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401794192	RIDB-3-5.0-20170310	440-179419-2		3/10/2017	Soil	Stage 2B							X																				
38748	4401794193	RIDB-3-5.0-20170310	440-179419-2		3/10/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794191	RIDB-3-10.0-20170310	440-179419-3		3/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794192	RIDB-3-10.0-20170310	440-179419-3		3/10/2017	Soil	Stage 2B							X																				
38748	4401794193	RIDB-3-10.0-20170310	440-179419-3		3/10/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794191	RIDB-3-20.0-20170310	440-179419-4		3/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794192	RIDB-3-20.0-20170310	440-179419-4		3/10/2017	Soil	Stage 2B							X																				
38748	4401794193	RIDB-3-20.0-20170310	440-179419-4		3/10/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794191	RIDB-3-30.0-20170310	440-179419-5		3/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794192	RIDB-3-30.0-20170310	440-179419-5		3/10/2017	Soil	Stage 2B							X																				
38748	4401794193	RIDB-3-30.0-20170310	440-179419-5		3/10/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794191	RIDB-3-40.0-20170310	440-179419-6		3/10/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794191	RIDB-3-50.0-20170310	440-179419-7		3/10/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794191	RIDB-3-60.0-20170310	440-179419-8	FD26	3/10/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794191	RIDB-3-60.0-20170310-FD	440-179419-9	FD26	3/10/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794191	RIDB-3-70.0-20170310	440-179419-10		3/10/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794191	RIDB-3-70.0-20170310-EBTB	440-179419-11	EB	3/10/2017	Water	Stage 2A	X	X																									
38748	4401794191	RIDB-3-70.0-20170310-EB	440-179419-12	EB	3/10/2017	Water	Stage 2A	X	X						X							X	X	X										
38748	4401794191	RIDB-3-80.0-20170310	440-179419-13		3/10/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794191	RIDB-3-90.0-20170310	440-179419-14		3/10/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794191	RIDB-17-70.0-20170309-TB	440-179419-15	TB	3/9/2017	Soil	Stage 2B	X																										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401794191	RIDB-17-70.0-20170309	440-179419-16		3/9/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794191	RIDB-17-80.0-20170309	440-179419-17		3/9/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794191	RIDB-17-90.0-20170309	440-179419-18		3/9/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794191	RIDB-15-1.0-20170310	440-179419-19		3/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794192	RIDB-15-1.0-20170310	440-179419-19		3/10/2017	Soil	Stage 2B							X																				
38748	4401794193	RIDB-15-1.0-20170310	440-179419-19		3/10/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794191	RIDB-15-5.0-20170310	440-179419-20		3/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794192	RIDB-15-5.0-20170310	440-179419-20		3/10/2017	Soil	Stage 2B							X																				
38748	4401794193	RIDB-15-5.0-20170310	440-179419-20		3/10/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794191	RIDB-15-10.0-20170310	440-179419-21		3/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794192	RIDB-15-10.0-20170310	440-179419-21		3/10/2017	Soil	Stage 2B							X																				
38748	4401794193	RIDB-15-10.0-20170310	440-179419-21		3/10/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794191	RIDB-15-20.0-20170310	440-179419-22		3/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794192	RIDB-15-20.0-20170310	440-179419-22		3/10/2017	Soil	Stage 2B							X																				
38748	4401794193	RIDB-15-20.0-20170310	440-179419-22		3/10/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794191	RIDB-15-30.0-20170310	440-179419-23		3/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794192	RIDB-15-30.0-20170310	440-179419-23		3/10/2017	Soil	Stage 2B							X																				
38748	4401794193	RIDB-15-30.0-20170310	440-179419-23		3/10/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794191	RIDB-15-40.0-20170310	440-179419-24		3/10/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794191	RIDB-15-50.0-20170310	440-179419-25		3/10/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-5-0.5-20170311-TB	440-179456-1	TB	3/11/2017	Soil	Stage 2B	X																										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401794561	RIDB-5-0.5-20170311	440-179456-2		3/11/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RIDB-5-0.5-20170311	440-179456-2		3/11/2017	Soil	Stage 2B							X																					
38748	4401794563	RIDB-5-0.5-20170311	440-179456-2		3/11/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794561	RIDB-5-5.0-20170311	440-179456-3	FD30	3/11/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RIDB-5-5.0-20170311	440-179456-3	FD30	3/11/2017	Soil	Stage 2B							X																					
38748	4401794563	RIDB-5-5.0-20170311	440-179456-3	FD30	3/11/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794561	RIDB-5-5.0-20170311-FD	440-179456-4	FD30	3/11/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RIDB-5-5.0-20170311-FD	440-179456-4	FD30	3/11/2017	Soil	Stage 2B							X																					
38748	4401794563	RIDB-5-5.0-20170311-FD	440-179456-4	FD30	3/11/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794561	RIDB-5-10.0-20170311	440-179456-5		3/11/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RIDB-5-10.0-20170311	440-179456-5		3/11/2017	Soil	Stage 2B							X																					
38748	4401794563	RIDB-5-10.0-20170311	440-179456-5		3/11/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794561	RIDB-5-20.0-20170311	440-179456-6		3/11/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RIDB-5-20.0-20170311	440-179456-6		3/11/2017	Soil	Stage 2B							X																					
38748	4401794563	RIDB-5-20.0-20170311	440-179456-6		3/11/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794561	RIDB-5-30.0-20170311	440-179456-7		3/11/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RIDB-5-30.0-20170311	440-179456-7		3/11/2017	Soil	Stage 2B							X																					
38748	4401794563	RIDB-5-30.0-20170311	440-179456-7		3/11/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794561	RIDB-5-40.0-20170311	440-179456-8		3/11/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-5-50.0-20170311	440-179456-9		3/11/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-5-60.0-20170311	440-179456-10		3/11/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401794561	RIDB-5-70.0-20170311	440-179456-11		3/11/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-5-80.0-20170311	440-179456-12		3/11/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-5-90.0-20170311	440-179456-13		3/11/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-15-60.0-20170311	440-179456-14		3/11/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-15-70.0-20170311	440-179456-15		3/11/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-15-80.0-20170311	440-179456-16	FD27	3/11/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-15-80.0-20170311-FD	440-179456-17	FD27	3/11/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-15-90.0-20170311	440-179456-18		3/11/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RI-16-5.0-20170312-TB	440-179456-19	TB	3/12/2017	Soil	Stage 2B	X																										
38748	4401794561	RI-16-5.0-20170312	440-179456-20		3/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RI-16-5.0-20170312	440-179456-20		3/12/2017	Soil	Stage 2B							X																				
38748	4401794563	RI-16-5.0-20170312	440-179456-20		3/12/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794561	RI-16-10.0-20170312	440-179456-21		3/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RI-16-10.0-20170312	440-179456-21		3/12/2017	Soil	Stage 2B							X																				
38748	4401794563	RI-16-10.0-20170312	440-179456-21		3/12/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794561	RI-16-20.0-20170312	440-179456-22		3/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RI-16-20.0-20170312	440-179456-22		3/12/2017	Soil	Stage 2B							X																				
38748	4401794563	RI-16-20.0-20170312	440-179456-22		3/12/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794561	RI-16-30.0-20170312	440-179456-23		3/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RI-16-30.0-20170312	440-179456-23		3/12/2017	Soil	Stage 2B							X																				
38748	4401794563	RI-16-30.0-20170312	440-179456-23		3/12/2017	Soil	Stage 2B									X																	X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401794561	RI-16-40.0-20170312	440-179456-24		3/12/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RI-16-50.0-20170312	440-179456-25		3/12/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RI-16-60.0-20170312	440-179456-26		3/12/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RI-16-70.0-20170312	440-179456-27		3/12/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RI-16-80.0-20170312	440-179456-28	FD28	3/12/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RI-16-80.0-20170312-FD	440-179456-29	FD28	3/12/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-7-0.5-20170312	440-179456-30	FD29	3/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RIDB-7-0.5-20170312	440-179456-30	FD29	3/12/2017	Soil	Stage 2B							X																				
38748	4401794563	RIDB-7-0.5-20170312	440-179456-30		3/12/2017	Soil	Stage 2B									X																X	X	X
38748	4401794561	RIDB-7-0.5-20170312-FD	440-179456-31	FD29	3/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RIDB-7-0.5-20170312-FD	440-179456-31	FD29	3/12/2017	Soil	Stage 2B							X																				
38748	4401794563	RIDB-7-0.5-20170312-FD	440-179456-31	FD29	3/12/2017	Soil	Stage 2B									X																X	X	X
38748	4401794561	RIDB-7-5.0-20170312	440-179456-32		3/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RIDB-7-5.0-20170312	440-179456-32		3/12/2017	Soil	Stage 2B							X																				
38748	4401794563	RIDB-7-5.0-20170312	440-179456-32	FD29	3/12/2017	Soil	Stage 2B									X																X	X	X
38748	4401794561	RIDB-7-10.0-20170312	440-179456-33		3/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RIDB-7-10.0-20170312	440-179456-33		3/12/2017	Soil	Stage 2B							X																				
38748	4401794563	RIDB-7-10.0-20170312	440-179456-33		3/12/2017	Soil	Stage 2B									X																X	X	X
38748	4401794561	RIDB-7-20.0-20170312	440-179456-34		3/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RIDB-7-20.0-20170312	440-179456-34		3/12/2017	Soil	Stage 2B							X																				
38748	4401794563	RIDB-7-20.0-20170312	440-179456-34		3/12/2017	Soil	Stage 2B									X																X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401794561	RIDB-7-30.0-20170312	440-179456-35		3/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401794562	RIDB-7-30.0-20170312	440-179456-35		3/12/2017	Soil	Stage 2B							X																					
38748	4401794563	RIDB-7-30.0-20170312	440-179456-35		3/12/2017	Soil	Stage 2B									X																	X	X	X
38748	4401794561	RIDB-7-40.0-20170312	440-179456-36		3/12/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-7-50.0-20170312	440-179456-37		3/12/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-7-60.0-20170312	440-179456-38		3/12/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-7-70.0-20170312	440-179456-39		3/12/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-7-80.0-20170312	440-179456-40		3/12/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401794561	RIDB-7-90.0-20170312	440-179456-41		3/12/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401795651	RI-16-90.0-20170313-TB	440-179565-1	TB	3/13/2017	Soil	Stage 2B	X																										
38748	4401795651	RI-16-90.0-20170313	440-179565-2		3/13/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401795651	RI-16-100.0-20170313	440-179565-3		3/13/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401795651	RI-16-110.0-20170313	440-179565-4		3/13/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401795651	RI-16-120.0-20170313	440-179565-5		3/13/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401795651	RI-16-130.0-20170313	440-179565-6		3/13/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401796371	RIDB-18-1.0-20170314-TB	440-179637-1	TB	3/14/2017	Soil	Stage 2B	X																										
38748	4401796371	RIDB-18-1.0-20170314	440-179637-2		3/14/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401796372	RIDB-18-1.0-20170314	440-179637-2		3/14/2017	Soil	Stage 2B							X																					
38748	4401796373	RIDB-18-1.0-20170314	440-179637-2		3/14/2017	Soil	Stage 2B									X																	X	X	X
38748	4401796371	RIDB-18-5.0-20170314	440-179637-3		3/14/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401796372	RIDB-18-5.0-20170314	440-179637-3		3/14/2017	Soil	Stage 2B							X																					

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401796373	RIDB-18-5.0-20170314	440-179637-3		3/14/2017	Soil	Stage 2B									X																X	X	X
38748	4401796371	RIDB-18-10.0-20170314	440-179637-4		3/14/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401796372	RIDB-18-10.0-20170314	440-179637-4		3/14/2017	Soil	Stage 2B							X																				
38748	4401796373	RIDB-18-10.0-20170314	440-179637-4		3/14/2017	Soil	Stage 2B									X																	X	X	X
38748	4401796371	RIDB-18-10.0-20170314-EBTB	440-179637-5	EB	3/14/2017	Water	Stage 2A	X	X																										
38748	4401796371	RIDB-18-10.0-20170314-EB	440-179637-6	EB	3/14/2017	Water	Stage 2A	X	X	X	X	X	X		X			X			X	X	X	X										
38748	4401796372	RIDB-18-10.0-20170314-EB	440-179637-6	EB	3/14/2017	Water	Stage 2A							X																				
38748	4401796373	RIDB-18-10.0-20170314-EB	440-179637-6	EB	3/14/2017	Water	Stage 2A									X																	X	X	X
38748	4401796371	RIDB-18-20.0-20170314	440-179637-7		3/14/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401796372	RIDB-18-20.0-20170314	440-179637-7		3/14/2017	Soil	Stage 2B							X																				
38748	4401796373	RIDB-18-20.0-20170314	440-179637-7		3/14/2017	Soil	Stage 2B									X																	X	X	X
38748	4401796371	RIDB-18-30.0-20170314	440-179637-8	FD31	3/14/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401796372	RIDB-18-30.0-20170314	440-179637-8	FD31	3/14/2017	Soil	Stage 2B							X																				
38748	4401796373	RIDB-18-30.0-20170314	440-179637-8	FD31	3/14/2017	Soil	Stage 2B									X																	X	X	X
38748	4401796371	RIDB-18-30.0-20170314-FD	440-179637-9	FD31	3/14/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401796372	RIDB-18-30.0-20170314-FD	440-179637-9	FD31	3/14/2017	Soil	Stage 2B							X																				
38748	4401796373	RIDB-18-30.0-20170314-FD	440-179637-9	FD31	3/14/2017	Soil	Stage 2B									X																	X	X	X
38748	4401796371	RIDB-18-40.0-20170314	440-179637-10		3/14/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401796371	RIDB-18-50.0-20170314	440-179637-11		3/14/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401796371	RIDB-18-60.0-20170314	440-179637-12		3/14/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401797421	RIDB-18-70.0-20170314-TB	440-179742-1	TB	3/14/2017	Soil	Stage 2B	X																										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401797421	RIDB-18-70.0-20170314	440-179742-2		3/14/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401797421	RIDB-18-80.0-20170314	440-179742-3		3/14/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401797421	RIDB-18-90.0-20170315	440-179742-4		3/15/2017	Soil	Stage 2B	X							X							X	X	X										
38704	4401801011	RIDB-19-1.0-20170320-TB	440-180101-1	TB	3/20/2017	Soil	Stage 2B	X																										
38704	4401801011	RIDB-19-1.0-20170320	440-180101-2		3/20/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401801012	RIDB-19-1.0-20170320	440-180101-2		3/20/2017	Soil	Stage 2B							X																				
38743	4401801013	RIDB-19-1.0-20170320	440-180101-2		3/20/2017	Soil	Stage 2B									X																	X	X	X
38704	4401801011	RIDB-19-5.0-20170320	440-180101-3		3/20/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401801012	RIDB-19-5.0-20170320	440-180101-3		3/20/2017	Soil	Stage 2B							X																				
38743	4401801013	RIDB-19-5.0-20170320	440-180101-3		3/20/2017	Soil	Stage 2B									X																	X	X	X
38704	4401801011	RIDB-19-10.0-20170320	440-180101-4		3/20/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401801012	RIDB-19-10.0-20170320	440-180101-4		3/20/2017	Soil	Stage 2B							X																				
38743	4401801013	RIDB-19-10.0-20170320	440-180101-4		3/20/2017	Soil	Stage 2B									X																	X	X	X
38704	4401801011	RIDB-19-20.0-20170320	440-180101-5		3/20/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401801012	RIDB-19-20.0-20170320	440-180101-5		3/20/2017	Soil	Stage 2B							X																				
38743	4401801013	RIDB-19-20.0-20170320	440-180101-5		3/20/2017	Soil	Stage 2B									X																	X	X	X
38704	4401801011	RIDB-19-30.0-20170320	440-180101-6		3/20/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401801012	RIDB-19-30.0-20170320	440-180101-6		3/20/2017	Soil	Stage 2B							X																				
38743	4401801013	RIDB-19-30.0-20170320	440-180101-6		3/20/2017	Soil	Stage 2B									X																	X	X	X
38704	4401801011	RIDB-11-1.0-20170320	440-180101-7		3/20/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401801012	RIDB-11-1.0-20170320	440-180101-7		3/20/2017	Soil	Stage 2B							X																				

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401801013	RIDB-11-1.0-20170320	440-180101-7		3/20/2017	Soil	Stage 2B									X																X	X	X
38704	4401801011	RIDB-11-5.0-20170320	440-180101-8		3/20/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401801012	RIDB-11-5.0-20170320	440-180101-8		3/20/2017	Soil	Stage 2B							X																				
38743	4401801013	RIDB-11-5.0-20170320	440-180101-8		3/20/2017	Soil	Stage 2B									X																	X	X	X
38704	4401801011	RIDB-11-10.0-20170320	440-180101-9		3/20/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
38743	4401801012	RIDB-11-10.0-20170320	440-180101-9		3/20/2017	Soil	Stage 2B							X																				
38743	4401801013	RIDB-11-10.0-20170320	440-180101-9		3/20/2017	Soil	Stage 2B									X																	X	X	X
38743	4401801931	RIDB-11-20.0-20170320-TB	440-180193-1	TB	3/20/2017	Soil	Stage 2B	X																										
38743	4401801931	RIDB-11-20.0-20170320	440-180193-2		3/20/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401801932	RIDB-11-20.0-20170320	440-180193-2		3/20/2017	Soil	Stage 2B							X																				
38743	4401801933	RIDB-11-20.0-20170320	440-180193-2		3/20/2017	Soil	Stage 2B									X																	X	X	X
38743	4401801931	RIDB-11-30.0-20170321	440-180193-3		3/21/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401801932	RIDB-11-30.0-20170321	440-180193-3		3/21/2017	Soil	Stage 2B							X																				
38743	4401801933	RIDB-11-30.0-20170321	440-180193-3		3/21/2017	Soil	Stage 2B									X																	X	X	X
38743	4401801931	RIDB-11-40.0-20170321	440-180193-4		3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-11-50.0-20170321	440-180193-5		3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-11-60.0-20170321	440-180193-6		3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-11-70.0-20170321	440-180193-7	FD33	3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-11-70.0-20170321-FD	440-180193-8	FD33	3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-11-80.0-20170321	440-180193-9		3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-11-90.0-20170321	440-180193-10		3/21/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401801931	RIDB-19-40.0-20170321	440-180193-11		3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-19-50.0-20170321	440-180193-12		3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-19-60.0-20170321	440-180193-13	FD32	3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-19-60.0-20170321-FD	440-180193-14	FD32	3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-19-70.0-20170321	440-180193-15		3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-19-80.0-20170321	440-180193-16		3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-19-90.0-20170321	440-180193-17		3/21/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401801931	RIDB-27-1.0-20170321	440-180193-18		3/21/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401801932	RIDB-27-1.0-20170321	440-180193-18		3/21/2017	Soil	Stage 2B							X																				
38743	4401801933	RIDB-27-1.0-20170321	440-180193-18		3/21/2017	Soil	Stage 2B									X																X	X	X
38743	4401803311	RIDB-12-1.0-20170321-TB	440-180331-1	TB	3/21/2017	Soil	Stage 2B	X																										
38743	4401803311	RIDB-12-1.0-20170321	440-180331-2		3/21/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401803312	RIDB-12-1.0-20170321	440-180331-2		3/21/2017	Soil	Stage 2B							X																				
38743	4401803313	RIDB-12-1.0-20170321	440-180331-2		3/21/2017	Soil	Stage 2B									X																X	X	X
38743	4401803311	RIDB-12-5.0-20170321	440-180331-3		3/21/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401803312	RIDB-12-5.0-20170321	440-180331-3		3/21/2017	Soil	Stage 2B							X																				
38743	4401803313	RIDB-12-5.0-20170321	440-180331-3		3/21/2017	Soil	Stage 2B									X																X	X	X
38743	4401803311	RIDB-12-10.0-20170322	440-180331-4		3/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401803312	RIDB-12-10.0-20170322	440-180331-4		3/22/2017	Soil	Stage 2B							X																				
38743	4401803313	RIDB-12-10.0-20170322	440-180331-4		3/22/2017	Soil	Stage 2B									X																X	X	X
38743	4401803311	RIDB-12-20.0-20170322	440-180331-5		3/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401803312	RIDB-12-20.0-20170322	440-180331-5		3/22/2017	Soil	Stage 2B							X																				
38743	4401803313	RIDB-12-20.0-20170322	440-180331-5		3/22/2017	Soil	Stage 2B									X																	X	X	X
38743	4401803311	RIDB-12-30.0-20170322	440-180331-6		3/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401803312	RIDB-12-30.0-20170322	440-180331-6		3/22/2017	Soil	Stage 2B							X																				
38743	4401803313	RIDB-12-30.0-20170322	440-180331-6		3/22/2017	Soil	Stage 2B									X																	X	X	X
38743	4401803311	RIDB-12-40.0-20170322	440-180331-7		3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-12-50.0-20170322	440-180331-8	FD35	3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-12-50.0-20170322-FD	440-180331-9	FD35	3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-12-60.0-20170322	440-180331-10		3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-12-60.0-20170322-EB	440-180331-11	EB	3/22/2017	Water	Stage 2A	X	X						X							X	X	X										
38743	4401803311	RIDB-12-70.0-20170322	440-180331-12		3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-27-5.0-20170321	440-180331-13		3/21/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401803312	RIDB-27-5.0-20170321	440-180331-13		3/21/2017	Soil	Stage 2B							X																				
38743	4401803313	RIDB-27-5.0-20170321	440-180331-13		3/21/2017	Soil	Stage 2B									X																	X	X	X
38743	4401803311	RIDB-27-10.0-20170321	440-180331-14		3/21/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401803312	RIDB-27-10.0-20170321	440-180331-14		3/21/2017	Soil	Stage 2B							X																				
38743	4401803313	RIDB-27-10.0-20170321	440-180331-14		3/21/2017	Soil	Stage 2B									X																	X	X	X
38743	4401803311	RIDB-27-20.0-20170321	440-180331-15		3/21/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401803312	RIDB-27-20.0-20170321	440-180331-15		3/21/2017	Soil	Stage 2B							X																				
38743	4401803313	RIDB-27-20.0-20170321	440-180331-15		3/21/2017	Soil	Stage 2B									X																	X	X	X
38743	4401803311	RIDB-27-30.0-20170321	440-180331-16		3/21/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401803312	RIDB-27-30.0-20170321	440-180331-16		3/21/2017	Soil	Stage 2B							X																				
38743	4401803313	RIDB-27-30.0-20170321	440-180331-16		3/21/2017	Soil	Stage 2B									X																	X	X	X
38743	4401803311	RIDB-27-40.0-20170322	440-180331-17		3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-27-50.0-20170322	440-180331-18	FD34	3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-27-50.0-20170322-FD	440-180331-19	FD34	3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-27-60.0-20170322	440-180331-20		3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-27-60.0-20170322-EBTB	440-180331-21	EB	3/22/2017	Water	Stage 2A	X	X																									
38743	4401803311	RIDB-27-60.0-20170322-EB	440-180331-22	EB	3/22/2017	Water	Stage 2A	X	X						X							X	X	X										
38743	4401803311	RIDB-27-70.0-20170322	440-180331-23		3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-27-80.0-20170322	440-180331-24		3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-27-90.0-20170322	440-180331-25		3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-12-80.0-20170322	440-180331-26		3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401803311	RIDB-12-90.0-20170322	440-180331-27		3/22/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401804391	RIDB-28-1.0-20170322-TB	440-180439-1	TB	3/22/2017	Soil	Stage 2B	X																									
38743	4401804391	RIDB-28-1.0-20170322	440-180439-2		3/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X			X	X	X										
38743	4401804392	RIDB-28-1.0-20170322	440-180439-2		3/22/2017	Soil	Stage 2B							X																				
38743	4401804393	RIDB-28-1.0-20170322	440-180439-2		3/22/2017	Soil	Stage 4									X																	X	X	X
38743	4401804391	RIDB-28-5.0-20170322	440-180439-3		3/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X			X	X	X										
38743	4401804392	RIDB-28-5.0-20170322	440-180439-3		3/22/2017	Soil	Stage 2B							X																				
38743	4401804393	RIDB-28-5.0-20170322	440-180439-3		3/22/2017	Soil	Stage 4									X																	X	X	X
38743	4401804391	RIDB-28-10.0-20170323	440-180439-4	FD37	3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X			X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401804392	RIDB-28-10.0-20170323	440-180439-4	FD37	3/23/2017	Soil	Stage 2B							X																				
38743	4401804393	RIDB-28-10.0-20170323	440-180439-4	FD37	3/23/2017	Soil	Stage 4									X																X	X	X
38743	4401804391	RIDB-28-10.0-20170323-FD	440-180439-5	FD37	3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X			X	X	X										
38743	4401804392	RIDB-28-10.0-20170323-FD	440-180439-5	FD37	3/23/2017	Soil	Stage 2B							X																				
38743	4401804393	RIDB-28-10.0-20170323-FD	440-180439-5	FD37	3/23/2017	Soil	Stage 4									X																X	X	X
38743	4401804391	RIDB-28-20.0-20170323	440-180439-6		3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X			X	X	X										
38743	4401804392	RIDB-28-20.0-20170323	440-180439-6		3/23/2017	Soil	Stage 2B							X																				
38743	4401804393	RIDB-28-20.0-20170323	440-180439-6		3/23/2017	Soil	Stage 4									X																X	X	X
38743	4401804391	RIDB-28-30.0-20170323	440-180439-7		3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X			X	X	X										
38743	4401804392	RIDB-28-30.0-20170323	440-180439-7		3/23/2017	Soil	Stage 2B							X																				
38743	4401804393	RIDB-28-30.0-20170323	440-180439-7		3/23/2017	Soil	Stage 4									X																X	X	X
38743	4401804391	RIDB-28-40.0-20170323	440-180439-8		3/23/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401804391	RIDB-28-50.0-20170323	440-180439-9		3/23/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401804391	RIDB-28-60.0-20170323	440-180439-10		3/23/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401804391	RIDB-28-70.0-20170323	440-180439-11		3/23/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401804391	RIDB-28-70.0-20170323-EBTB	440-180439-12	EB	3/23/2017	Water	Stage 2A		X																									
38743	4401804391	RIDB-28-70.0-20170323-EB	440-180439-13	EB	3/23/2017	Water	Stage 2A	X	X						X							X	X	X										
38743	4401804391	RIDB-28-80.0-20170323	440-180439-14		3/23/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401804391	RIDB-28-90.0-20170323	440-180439-15		3/23/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401804391	RIDB-25-1.0-20170323	440-180439-16		3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X			X	X	X										
38743	4401804392	RIDB-25-1.0-20170323	440-180439-16		3/23/2017	Soil	Stage 2B							X																				

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401804393	RIDB-25-1.0-20170323	440-180439-16		3/23/2017	Soil	Stage 4									X																X	X	X
38743	4401804391	RIDB-25-5.0-20170323	440-180439-17		3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X			X	X	X										
38743	4401804392	RIDB-25-5.0-20170323	440-180439-17		3/23/2017	Soil	Stage 2B							X																				
38743	4401804393	RIDB-25-5.0-20170323	440-180439-17		3/23/2017	Soil	Stage 4									X																X	X	X
38743	4401804391	RIDB-25-10.0-20170323	440-180439-18		3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X			X	X	X										
38743	4401804392	RIDB-25-10.0-20170323	440-180439-18		3/23/2017	Soil	Stage 2B							X																				
38743	4401804393	RIDB-25-10.0-20170323	440-180439-18		3/23/2017	Soil	Stage 4									X																X	X	X
38743	4401804391	RIDB-25-20.0-20170323	440-180439-19		3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X			X	X	X										
38743	4401804392	RIDB-25-20.0-20170323	440-180439-19		3/23/2017	Soil	Stage 2B							X																				
38743	4401804393	RIDB-25-20.0-20170323	440-180439-19		3/23/2017	Soil	Stage 4									X																X	X	X
38743	4401804391	RIDB-25-30.0-20170323	440-180439-20		3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X			X	X	X										
38743	4401804392	RIDB-25-30.0-20170323	440-180439-20		3/23/2017	Soil	Stage 2B							X																				
38743	4401804393	RIDB-25-30.0-20170323	440-180439-20		3/23/2017	Soil	Stage 4									X																X	X	X
38743	4401804391	RIDB-25-40.0-20170323	440-180439-21		3/23/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401804391	RIDB-25-50.0-20170323	440-180439-22		3/23/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401804391	RIDB-25-60.0-20170323	440-180439-23	FD36	3/23/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401804391	RIDB-25-60.0-20170323-FD	440-180439-24	FD36	3/23/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401804391	RIDB-25-70.0-20170323	440-180439-25		3/23/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401804391	RIDB-25-80.0-20170323	440-180439-26		3/23/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401804391	RIDB-25-90.0-20170323	440-180439-27		3/23/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401805931	RIDB-24-1.0-20170323-TB	440-180593-1	TB	3/23/2017	Soil	Stage 2B	X																										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401805931	RIDB-24-1.0-20170323	440-180593-2		3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401805932	RIDB-24-1.0-20170323	440-180593-2		3/23/2017	Soil	Stage 2B							X																					
38743	4401805933	RIDB-24-1.0-20170323	440-180593-2		3/23/2017	Soil	Stage 2B									X																	X	X	X
38743	4401805931	RIDB-24-5.0-20170323	440-180593-3		3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401805932	RIDB-24-5.0-20170323	440-180593-3		3/23/2017	Soil	Stage 2B							X																					
38743	4401805933	RIDB-24-5.0-20170323	440-180593-3		3/23/2017	Soil	Stage 2B									X																	X	X	X
38743	4401805931	RIDB-24-10.0-20170324	440-180593-4		3/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401805932	RIDB-24-10.0-20170324	440-180593-4		3/24/2017	Soil	Stage 2B							X																					
38743	4401805933	RIDB-24-10.0-20170324	440-180593-4		3/24/2017	Soil	Stage 2B									X																	X	X	X
38743	4401805931	RIDB-24-20.0-20170324	440-180593-5		3/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401805932	RIDB-24-20.0-20170324	440-180593-5		3/24/2017	Soil	Stage 2B							X																					
38743	4401805933	RIDB-24-20.0-20170324	440-180593-5		3/24/2017	Soil	Stage 2B									X																	X	X	X
38743	4401805931	RIDB-24-30.0-20170324	440-180593-6		3/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401805932	RIDB-24-30.0-20170324	440-180593-6		3/24/2017	Soil	Stage 2B							X																					
38743	4401805933	RIDB-24-30.0-20170324	440-180593-6		3/24/2017	Soil	Stage 2B									X																	X	X	X
38743	4401805931	RIDB-24-40.0-20170324	440-180593-7		3/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401805931	RIDB-24-50.0-20170324	440-180593-8		3/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401805931	RIDB-24-60.0-20170324	440-180593-9		3/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401805931	RIDB-24-70.0-20170324	440-180593-10	FD38	3/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401805931	RIDB-24-70.0-20170324-FD	440-180593-11	FD38	3/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401805931	RIDB-24-80.0-20170324	440-180593-12		3/24/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401805931	RIDB-26-1.0-20170323	440-180593-13		3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401805932	RIDB-26-1.0-20170323	440-180593-13		3/23/2017	Soil	Stage 2B							X																					
38743	4401805933	RIDB-26-1.0-20170323	440-180593-13		3/23/2017	Soil	Stage 2B									X																	X	X	X
38743	4401805931	RIDB-26-5.0-20170323	440-180593-14		3/23/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401805932	RIDB-26-5.0-20170323	440-180593-14		3/23/2017	Soil	Stage 2B							X																					
38743	4401805933	RIDB-26-5.0-20170323	440-180593-14		3/23/2017	Soil	Stage 2B									X																	X	X	X
38743	4401805931	RIDB-26-10.0-20170324	440-180593-15		3/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401805932	RIDB-26-10.0-20170324	440-180593-15		3/24/2017	Soil	Stage 2B							X																					
38743	4401805933	RIDB-26-10.0-20170324	440-180593-15		3/24/2017	Soil	Stage 2B									X																	X	X	X
38743	4401805931	RIDB-26-20.0-20170324	440-180593-16		3/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401805932	RIDB-26-20.0-20170324	440-180593-16		3/24/2017	Soil	Stage 2B							X																					
38743	4401805933	RIDB-26-20.0-20170324	440-180593-16		3/24/2017	Soil	Stage 2B									X																	X	X	X
38743	4401805931	RIDB-26-30.0-20170324	440-180593-17		3/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38743	4401805932	RIDB-26-30.0-20170324	440-180593-17		3/24/2017	Soil	Stage 2B							X																					
38743	4401805933	RIDB-26-30.0-20170324	440-180593-17		3/24/2017	Soil	Stage 2B									X																	X	X	X
38743	4401805931	RIDB-26-40.0-20170324	440-180593-18		3/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401805931	RIDB-26-50.0-20170324	440-180593-19	FD39	3/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401805931	RIDB-26-50.0-20170324-FD	440-180593-20	FD39	3/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401805931	RIDB-26-60.0-20170324	440-180593-21		3/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401805931	RIDB-26-70.0-20170324	440-180593-22		3/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401805931	RIDB-26-80.0-20170324	440-180593-23		3/24/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401805931	RIDB-26-90.0-20170324	440-180593-24		3/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401805931	RIDB-24-90.0-20170324	440-180593-25		3/24/2017	Soil	Stage 2B	X							X							X	X	X										
38743	4401806961	RIDB-22-1.0-20170327-TB	440-180696-1	TB	3/27/2017	Soil	Stage 2B	X																										
38743	4401806961	RIDB-22-1.0-20170327	440-180696-2	FD40	3/27/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401806962	RIDB-22-1.0-20170327	440-180696-2	FD40	3/27/2017	Soil	Stage 2B							X																				
38748	4401806963	RIDB-22-1.0-20170327	440-180696-2	FD40	3/27/2017	Soil	Stage 4									X																	X	X	X
38743	4401806961	RIDB-22-1.0-20170327-FD	440-180696-3	FD40	3/27/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401806962	RIDB-22-1.0-20170327-FD	440-180696-3	FD40	3/27/2017	Soil	Stage 2B							X																				
38748	4401806963	RIDB-22-1.0-20170327-FD	440-180696-3	FD40	3/27/2017	Soil	Stage 4									X																	X	X	X
38743	4401806961	RIDB-22-5.0-20170327	440-180696-4		3/27/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401806962	RIDB-22-5.0-20170327	440-180696-4		3/27/2017	Soil	Stage 2B							X																				
38748	4401806963	RIDB-22-5.0-20170327	440-180696-4		3/27/2017	Soil	Stage 4									X																	X	X	X
38743	4401806961	RIDB-22-10.0-20170327	440-180696-5		3/27/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401806962	RIDB-22-10.0-20170327	440-180696-5		3/27/2017	Soil	Stage 2B							X																				
38748	4401806963	RIDB-22-10.0-20170327	440-180696-5		3/27/2017	Soil	Stage 4									X																	X	X	X
38743	4401806961	RIDB-22-20.0-20170327	440-180696-6		3/27/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401806962	RIDB-22-20.0-20170327	440-180696-6		3/27/2017	Soil	Stage 2B							X																				
38748	4401806963	RIDB-22-20.0-20170327	440-180696-6		3/27/2017	Soil	Stage 4									X																	X	X	X
38743	4401806961	RIDB-22-30.0-20170327	440-180696-7		3/27/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401806962	RIDB-22-30.0-20170327	440-180696-7		3/27/2017	Soil	Stage 2B							X																				
38748	4401806963	RIDB-22-30.0-20170327	440-180696-7		3/27/2017	Soil	Stage 4									X																	X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38743	4401806961	RIDB-22-40.0-20170327	440-180696-8		3/27/2017	Soil	Stage 2B	X								X						X	X	X										
38743	4401806961	RIDB-22-40.0-20170327-EBTB	440-180696-9	EB	3/27/2017	Water	Stage 2A	X	X																									
38743	4401806961	RIDB-22-40.0-20170327-EB	440-180696-10	EB	3/27/2017	Water	Stage 2A	X	X						X							X	X	X										
38743	4401806961	RIDB-22-50.0-20170327	440-180696-11		3/27/2017	Soil	Stage 2B	X								X						X	X	X										
38748	4401808191	RIDB-22-60.0-20170327-TB	440-180819-1	TB	3/27/2017	Soil	Stage 2B	X																										
38748	4401808191	RIDB-22-60.0-20170327	440-180819-2		3/27/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401808191	RIDB-22-70.0-20170327	440-180819-3		3/27/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401808191	RIDB-22-80.0-20170327	440-180819-4		3/27/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401808191	RIDB-22-90.0-20170327	440-180819-5		3/27/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401808191	RIDB-21-1.0-20170328	440-180819-6		3/28/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401808192	RIDB-21-1.0-20170328	440-180819-6		3/28/2017	Soil	Stage 2B							X																				
38704	4401808193	RIDB-21-1.0-20170328	440-180819-6		3/28/2017	Soil	Stage 2B									X																X	X	X
38748	4401808191	RIDB-21-5.0-20170328	440-180819-7		3/28/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401808192	RIDB-21-5.0-20170328	440-180819-7		3/28/2017	Soil	Stage 2B							X																				
38704	4401808193	RIDB-21-5.0-20170328	440-180819-7		3/28/2017	Soil	Stage 2B									X																X	X	X
38748	4401808191	RIDB-21-10.0-20170328	440-180819-8		3/28/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401808192	RIDB-21-10.0-20170328	440-180819-8		3/28/2017	Soil	Stage 2B							X																				
38704	4401808193	RIDB-21-10.0-20170328	440-180819-8		3/28/2017	Soil	Stage 2B									X																X	X	X
38748	4401808191	RIDB-21-20.0-20170328	440-180819-9		3/28/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401808192	RIDB-21-20.0-20170328	440-180819-9		3/28/2017	Soil	Stage 2B							X																				
38704	4401808193	RIDB-21-20.0-20170328	440-180819-9		3/28/2017	Soil	Stage 2B									X																X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
38748	4401808191	RIDB-21-30.0-20170328	440-180819-10		3/28/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
38748	4401808192	RIDB-21-30.0-20170328	440-180819-10		3/28/2017	Soil	Stage 2B							X																					
38704	4401808193	RIDB-21-30.0-20170328	440-180819-10		3/28/2017	Soil	Stage 2B									X																	X	X	X
38748	4401808191	RIDB-21-40.0-20170328	440-180819-11		3/28/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401808191	RIDB-21-50.0-20170328	440-180819-12	FD41	3/28/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401808191	RIDB-21-50.0-20170328-FD	440-180819-13	FD41	3/28/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401808191	RIDB-21-60.0-20170328	440-180819-14		3/28/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401808191	RIDB-21-70.0-20170328	440-180819-15		3/28/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401809681	RIDB-21-80.0-20170328-TB	440-180968-1	TB	3/28/2017	Soil	Stage 2B	X																										
38748	4401809681	RIDB-21-80.0-20170328	440-180968-2		3/28/2017	Soil	Stage 2B	X							X							X	X	X										
38748	4401809681	RIDB-21-90.0-20170328	440-180968-3		3/28/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401812001	RIDB-23-1.0-20170403-TB	440-181200-1	TB	4/3/2017	Soil	Stage 2B	X																										
39060	4401812001	RIDB-23-1.0-20170403	440-181200-2		4/3/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401812002	RIDB-23-1.0-20170403	440-181200-2		4/3/2017	Soil	Stage 2B							X																				
39060	4401812003	RIDB-23-1.0-20170403	440-181200-2		4/3/2017	Soil	Stage 2B									X																	X	X	X
39060	4401812001	RIDB-23-5.0-20170403	440-181200-3		4/3/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401812002	RIDB-23-5.0-20170403	440-181200-3		4/3/2017	Soil	Stage 2B							X																				
39060	4401812003	RIDB-23-5.0-20170403	440-181200-3		4/3/2017	Soil	Stage 2B									X																	X	X	X
39060	4401812001	RIDB-23-10.0-20170403	440-181200-4		4/3/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401812002	RIDB-23-10.0-20170403	440-181200-4		4/3/2017	Soil	Stage 2B							X																				
39060	4401812003	RIDB-23-10.0-20170403	440-181200-4		4/3/2017	Soil	Stage 2B									X																	X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39060	4401812001	RIDB-23-20.0-20170403	440-181200-5		4/3/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401812002	RIDB-23-20.0-20170403	440-181200-5		4/3/2017	Soil	Stage 2B							X																					
39060	4401812003	RIDB-23-20.0-20170403	440-181200-5		4/3/2017	Soil	Stage 2B									X																	X	X	X
39060	4401812971	RIDB-23-30.0-20170404-TB	440-181297-1	TB	4/4/2017	Soil	Stage 2B	X																											
39060	4401812971	RIDB-23-30.0-20170404	440-181297-2		4/4/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401812972	RIDB-23-30.0-20170404	440-181297-2		4/4/2017	Soil	Stage 2B							X																					
39060	4401812973	RIDB-23-30.0-20170404	440-181297-2		4/4/2017	Soil	Stage 2B									X																	X	X	X
39060	4401812971	RIDB-23-40.0-20170404	440-181297-3		4/4/2017	Soil	Stage 2B	X							X						X	X	X	X										
39060	4401812971	RIDB-23-50.0-20170404	440-181297-4		4/4/2017	Soil	Stage 2B	X							X						X	X	X	X										
39060	4401812971	RIDB-23-60.0-20170404	440-181297-5	FD42	4/4/2017	Soil	Stage 2B	X							X						X	X	X	X										
39060	4401812971	RIDB-23-60.0-20170404-FD	440-181297-6	FD42	4/4/2017	Soil	Stage 2B	X							X						X	X	X	X										
39060	4401812971	RIDB-23-70.0-20170404	440-181297-7		4/4/2017	Soil	Stage 2B	X							X						X	X	X	X										
39060	4401812971	RIDB-23-70.0-20170404-EBTB	440-181297-8	EB	4/4/2017	Water	Stage 2A	X	X																									
39060	4401812971	RIDB-23-70.0-20170404-EB	440-181297-9	EB	4/4/2017	Water	Stage 2A	X	X						X							X	X	X										
39060	4401812971	RIDB-23-80.0-20170404	440-181297-10		4/4/2017	Soil	Stage 2B	X							X						X	X	X	X										
39060	4401812971	RIDB-23-90.0-20170404	440-181297-11		4/4/2017	Soil	Stage 2B	X							X						X	X	X	X										
39176	4401814201	RI-5-5.0-20170404-TB	440-181420-1	TB	4/4/2017	Soil	Stage 2B	X																											
39176	4401814201	RI-5-5.0-20170404	440-181420-2		4/4/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39060	4401814202	RI-5-5.0-20170404	440-181420-2		4/4/2017	Soil	Stage 2B							X																					
39060	4401814203	RI-5-5.0-20170404	440-181420-2		4/4/2017	Soil	Stage 2B									X																	X	X	X
39176	4401814201	RI-5-10.0-20170405	440-181420-3		4/5/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39060	4401814202	RI-5-10.0-20170405	440-181420-3		4/5/2017	Soil	Stage 2B							X																				
39060	4401814203	RI-5-10.0-20170405	440-181420-3		4/5/2017	Soil	Stage 2B									X																	X	X	X
39176	4401814201	RI-5-20.0-20170405	440-181420-5		4/5/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39060	4401814202	RI-5-20.0-20170405	440-181420-5		4/5/2017	Soil	Stage 2B							X																				
39060	4401814203	RI-5-20.0-20170405	440-181420-5		4/5/2017	Soil	Stage 2B									X																	X	X	X
39176	4401814201	RI-5-30.0-20170405	440-181420-7		4/5/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39060	4401814202	RI-5-30.0-20170405	440-181420-7		4/5/2017	Soil	Stage 2B							X																				
39060	4401814203	RI-5-30.0-20170405	440-181420-7		4/5/2017	Soil	Stage 2B									X																	X	X	X
39176	4401814201	RI-5-40.0-20170405	440-181420-9	FD43	4/5/2017	Soil	Stage 4	X							X							X	X	X										
39176	4401814201	RI-5-40.0-20170405-FD	440-181420-10	FD43	4/5/2017	Soil	Stage 4	X							X							X	X	X										
39176	4401814201	RI-5-50.0-20170405	440-181420-12		4/5/2017	Soil	Stage 4	X							X							X	X	X										
39176	4401814201	RI-5-60.0-20170405	440-181420-14		4/5/2017	Soil	Stage 4	X							X							X	X	X										
39176	4401814201	RI-5-60.0-20170405-EBTB	440-181420-15	EB	4/5/2017	Water	Stage 2A	X	X																									
39176	4401814201	RI-5-60.0-20170405-EB	440-181420-16	EB	4/5/2017	Water	Stage 2A	X	X						X							X	X	X										
39176	4401814201	RI-5-70.0-20170405	440-181420-18		4/5/2017	Soil	Stage 4	X							X							X	X	X										
39060	4401815651	RI-5-80.0-20170406-TB	440-181565-1	TB	4/6/2017	Soil	Stage 2B	X																										
39060	4401815651	RI-5-80.0-20170406	440-181565-2		4/6/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401815651	RI-5-80.0-20170406-EBTB	440-181565-3	EB	4/6/2017	Water	Stage 2A	X	X																									
39060	4401815651	RI-5-80.0-20170406-EB	440-181565-4	EB	4/6/2017	Water	Stage 2A	X	X						X							X	X	X										
39060	4401815651	RI-5-90.0-20170406	440-181565-6		4/6/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401815651	RI-5-100.0-20170406	440-181565-8		4/6/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39060	4401816611	RI-5-105.0-20170406-TB	440-181661-1	TB	4/6/2017	Soil	Stage 2B	X																										
39060	4401816611	RI-5-105.0-20170406	440-181661-2		4/6/2017	Soil	Stage 2B	X																										
39060	4401816611	RI-5-110.0-20170406	440-181661-3		4/6/2017	Soil	Stage 2B	X							X							X	X	X									
39060	4401816611	RI-5-115.0-20170406	440-181661-4		4/6/2017	Soil	Stage 2B	X																										
39060	4401816611	RI-5-120.0-20170407	440-181661-5	FD44	4/7/2017	Soil	Stage 2B	X							X							X	X	X									
39060	4401816611	RI-5-120.0-20170407-FD	440-181661-6	FD44	4/7/2017	Soil	Stage 2B	X							X							X	X	X									
39060	4401816611	RI-5-125.0-20170407	440-181661-7		4/7/2017	Soil	Stage 2B	X																										
39060	4401816611	RI-5-130.0-20170407	440-181661-8		4/7/2017	Soil	Stage 2B	X							X							X	X	X									
39060	4401816611	RI-9-5.0-20170407	440-181661-9		4/7/2017	Soil	Stage 2B			X	X	X	X		X				X		X	X	X	X									
39060	4401816612	RI-9-5.0-20170407	440-181661-9		4/7/2017	Soil	Stage 2B							X																				
39060	4401816613	RI-9-5.0-20170407	440-181661-9		4/7/2017	Soil	Stage 2B									X																	X	X	X
39076	4401817161	RI-7-5.0-20170408	440-181716-1		4/8/2017	Soil	Stage 2B	X		X	X	X	X		X						X	X	X	X									
39076	4401817162	RI-7-5.0-20170408	440-181716-1		4/8/2017	Soil	Stage 2B							X																				
39076	4401817163	RI-7-5.0-20170408	440-181716-1		4/8/2017	Soil	Stage 4									X																	X	X	X
39076	4401817161	RI-7-10.0-20170408	440-181716-2		4/8/2017	Soil	Stage 2B	X		X	X	X	X		X						X	X	X	X									
39076	4401817162	RI-7-10.0-20170408	440-181716-2		4/8/2017	Soil	Stage 2B							X																				
39076	4401817163	RI-7-10.0-20170408	440-181716-2		4/8/2017	Soil	Stage 4									X																	X	X	X
39076	4401817161	RI-7-20.0-20170408	440-181716-4	FD45	4/8/2017	Soil	Stage 2B	X		X	X	X	X		X						X	X	X	X									
39076	4401817162	RI-7-20.0-20170408	440-181716-4	FD46	4/8/2017	Soil	Stage 2B							X																				
39076	4401817163	RI-7-20.0-20170408	440-181716-4	FD46	4/8/2017	Soil	Stage 4									X																	X	X	X
39076	4401817161	RI-7-20.0-20170408-FD	440-181716-5	FD45	4/8/2017	Soil	Stage 2B	X		X	X	X	X		X						X	X	X	X									

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39076	4401817162	RI-7-20.0-20170408-FD	440-181716-5	FD46	4/8/2017	Soil	Stage 2B							X																				
39076	4401817163	RI-7-20.0-20170408-FD	440-181716-5	FD46	4/8/2017	Soil	Stage 4									X																X	X	X
39076	4401817161	RI-7-30.0-20170408	440-181716-7		4/8/2017	Soil	Stage 2B	X		X	X	X	X		X						X	X	X	X										
39076	4401817162	RI-7-30.0-20170408	440-181716-7		4/8/2017	Soil	Stage 2B							X																				
39076	4401817163	RI-7-30.0-20170408	440-181716-7		4/8/2017	Soil	Stage 4									X																X	X	X
39076	4401817161	RI-7-40.0-20170408	440-181716-9		4/8/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817161	RI-7-50.0-20170408	440-181716-11		4/8/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817161	RI-7-60.0-20170408	440-181716-13		4/8/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817161	RI-7-70.0-20170409	440-181716-15		4/9/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817161	RI-7-80.0-20170409	440-181716-16		4/9/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817161	RI-7-90.0-20170409	440-181716-17		4/9/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817161	RI-7-95.0-20170409	440-181716-18		4/9/2017	Soil	Stage 2B	X															X	X										
39076	4401817161	RI-7-100.0-20170409	440-181716-19		4/9/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817161	RI-7-110.0-20170409	440-181716-21		4/9/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817161	RI-7-120.0-20170409	440-181716-23		4/9/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817161	RI-7-130.0-20170409	440-181716-25		4/9/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817221	RI-9-10.0-20170408-TB	440-181722-1	TB	4/8/2017	Soil	Stage 2B	X																										
39076	4401817221	RI-9-10.0-20170408	440-181722-2		4/8/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401817222	RI-9-10.0-20170408	440-181722-2		4/8/2017	Soil	Stage 2B							X																				
39076	4401817223	RI-9-10.0-20170408	440-181722-2		4/8/2017	Soil	Stage 2B									X																X	X	X
39076	4401817221	RI-9-20.0-20170408	440-181722-4		4/8/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39076	4401817222	RI-9-20.0-20170408	440-181722-4		4/8/2017	Soil	Stage 2B							X																				
39076	4401817223	RI-9-20.0-20170408	440-181722-4		4/8/2017	Soil	Stage 2B									X																	X	X	X
39076	4401817221	RI-9-30.0-20170408	440-181722-6		4/8/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401817222	RI-9-30.0-20170408	440-181722-6		4/8/2017	Soil	Stage 2B							X																				
39076	4401817223	RI-9-30.0-20170408	440-181722-6		4/8/2017	Soil	Stage 2B									X																	X	X	X
39076	4401817221	RI-9-40.0-20170408	440-181722-8		4/8/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817221	RI-9-50.0-20170408	440-181722-10		4/8/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817221	RI-9-60.0-20170408	440-181722-12		4/8/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817221	RI-9-70.0-20170408	440-181722-14		4/8/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817221	RI-9-80.0-20170408	440-181722-16		4/8/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817221	RI-9-90.0-20170408	440-181722-18		4/8/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817221	RI-9-100.0-20170409	440-181722-20		4/9/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817221	RI-9-110.0-20170409	440-181722-22	FD47	4/9/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817221	RI-9-110.0-20170409-FD	440-181722-23	FD47	4/9/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817221	RI-9-120.0-20170409	440-181722-25		4/9/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817221	RI-9-130.0-20170409	440-181722-26		4/9/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817221	RI-10-5.0-20170409	440-181722-27		4/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401817222	RI-10-5.0-20170409	440-181722-27		4/9/2017	Soil	Stage 2B							X																				
39076	4401817223	RI-10-5.0-20170409	440-181722-27		4/9/2017	Soil	Stage 2B									X																	X	X	X
39076	4401817221	RI-10-10.0-20170409	440-181722-28		4/9/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401817222	RI-10-10.0-20170409	440-181722-28		4/9/2017	Soil	Stage 2B							X																				

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39076	4401817223	RI-10-10.0-20170409	440-181722-28		4/9/2017	Soil	Stage 2B									X																X	X	X
39076	4401817451	RI-20-5.0-20170410	440-181745-1		4/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401817452	RI-20-5.0-20170410	440-181745-1		4/10/2017	Soil	Stage 4							X																					
39076	4401817453	RI-20-5.0-20170410	440-181745-1		4/10/2017	Soil	Stage 2B									X																	X	X	X
39076	4401817451	RI-20-10.0-20170410	440-181745-2		4/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401817452	RI-20-10.0-20170410	440-181745-2		4/10/2017	Soil	Stage 4							X																					
39076	4401817453	RI-20-10.0-20170410	440-181745-2		4/10/2017	Soil	Stage 2B									X																	X	X	X
39076	4401817451	RI-20-20.0-20170410	440-181745-3		4/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401817452	RI-20-20.0-20170410	440-181745-3		4/10/2017	Soil	Stage 4							X																					
39076	4401817453	RI-20-20.0-20170410	440-181745-3		4/10/2017	Soil	Stage 2B									X																	X	X	X
39076	4401817451	RI-20-30.0-20170410	440-181745-4		4/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401817452	RI-20-30.0-20170410	440-181745-4		4/10/2017	Soil	Stage 4							X																					
39076	4401817453	RI-20-30.0-20170410	440-181745-4		4/10/2017	Soil	Stage 2B									X																	X	X	X
39076	4401817451	RI-20-40.0-20170410	440-181745-5		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817451	RI-20-50.0-20170410	440-181745-6		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817451	RI-20-60.0-20170410	440-181745-7		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817451	RI-20-70.0-20170410	440-181745-8		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817451	RI-20-80.0-20170410	440-181745-9		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817451	RI-20-90.0-20170410	440-181745-10		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817451	RI-20-100.0-20170410	440-181745-11	FD48	4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401817451	RI-20-100.0-20170410-FD	440-181745-12	FD48	4/10/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39076	4401817451	RI-20-100.0-20170410-EB	440-181745-13	EB	4/10/2017	Water	Stage 2A	X	X						X							X	X	X										
39076	4401817451	RI-20-110.0-20170410	440-181745-15		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401817491	RI-10-20.0-20170410-TB	440-181749-1	TB	4/10/2017	Soil	Stage 2B	X																										
39060	4401817491	RI-10-20.0-20170410	440-181749-2		4/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401817492	RI-10-20.0-20170410	440-181749-2		4/10/2017	Soil	Stage 2B							X																				
39060	4401817493	RI-10-20.0-20170410	440-181749-2		4/10/2017	Soil	Stage 2B									X																	X	X	X
39060	4401817491	RI-10-30.0-20170410	440-181749-3		4/10/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401817492	RI-10-30.0-20170410	440-181749-3		4/10/2017	Soil	Stage 2B							X																				
39060	4401817493	RI-10-30.0-20170410	440-181749-3		4/10/2017	Soil	Stage 2B									X																	X	X	X
39060	4401817491	RI-10-40.0-20170410	440-181749-4		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401817491	RI-10-50.0-20170410	440-181749-5		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401817491	RI-10-60.0-20170410	440-181749-6		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401817491	RI-10-70.0-20170410	440-181749-7	FD49	4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401817491	RI-10-70.0-20170410-FD	440-181749-8	FD49	4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401817491	RI-10-80.0-20170410	440-181749-9		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401817491	RI-10-90.0-20170410	440-181749-10		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401817491	RI-10-100.0-20170410	440-181749-12		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401817491	RI-10-100.0-20170410-EBTB	440-181749-13	EB	4/10/2017	Water	Stage 2A	X	X																									
39060	4401817491	RI-10-100.0-20170410-EB	440-181749-14	EB	4/10/2017	Water	Stage 2A	X	X						X							X	X	X										
39060	4401817491	RI-10-110.0-20170410	440-181749-16		4/10/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401818831	RI-20-120.0-20170411	440-181883-2		4/11/2017	Soil	Stage 4	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39060	4401818831	RI-20-130.0-20170411	440-181883-5		4/11/2017	Soil	Stage 4	X							X							X	X	X										
39060	4401818831	RI-10-115.0-20170410-TB	440-181883-6	TB	4/10/2017	Soil	Stage 2B	X																										
39060	4401818831	RI-10-120.0-20170410	440-181883-8		4/10/2017	Soil	Stage 4	X							X							X	X	X										
39060	4401818831	RI-10-130.0-20170410	440-181883-9		4/10/2017	Soil	Stage 4	X							X							X	X	X										
39060	4401824941	RI-24-1.0-20170418	440-182494-1		4/18/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401824942	RI-24-1.0-20170418	440-182494-1		4/18/2017	Soil	Stage 2B							X																				
39060	4401824943	RI-24-1.0-20170418	440-182494-1		4/18/2017	Soil	Stage 2B									X																	X	X	X
39060	4401824941	RI-24-80.0-20170418	440-182494-10		4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401824941	RI-24-90.0-20170418	440-182494-11	FD50	4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401824941	RI-24-90.0-20170418-FD	440-182494-12	FD50	4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401824941	RI-24-5.0-20170418	440-182494-2		4/18/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401824942	RI-24-5.0-20170418	440-182494-2		4/18/2017	Soil	Stage 2B							X																				
39060	4401824943	RI-24-5.0-20170418	440-182494-2		4/18/2017	Soil	Stage 2B									X																	X	X	X
39060	4401824941	RI-24-10.0-20170418	440-182494-3		4/18/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401824942	RI-24-10.0-20170418	440-182494-3		4/18/2017	Soil	Stage 2B							X																				
39060	4401824943	RI-24-10.0-20170418	440-182494-3		4/18/2017	Soil	Stage 2B									X																	X	X	X
39060	4401824941	RI-24-20.0-20170418	440-182494-4		4/18/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401824942	RI-24-20.0-20170418	440-182494-4		4/18/2017	Soil	Stage 2B							X																				
39060	4401824943	RI-24-20.0-20170418	440-182494-4		4/18/2017	Soil	Stage 2B									X																	X	X	X
39060	4401824941	RI-24-30.0-20170418	440-182494-5		4/18/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401824942	RI-24-30.0-20170418	440-182494-5		4/18/2017	Soil	Stage 2B							X																				

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39060	4401824943	RI-24-30.0-20170418	440-182494-5		4/18/2017	Soil	Stage 2B									X																X	X	X
39060	4401824941	RI-24-40.0-20170418	440-182494-6		4/18/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401824942	RI-24-40.0-20170418	440-182494-6		4/18/2017	Soil	Stage 2B							X																				
39060	4401824943	RI-24-40.0-20170418	440-182494-6		4/18/2017	Soil	Stage 2B									X																	X	X	X
39060	4401824941	RI-24-50.0-20170418	440-182494-7		4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401824941	RI-24-60.0-20170418	440-182494-8		4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401824941	RI-24-70.0-20170418	440-182494-9		4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401824981	RI-25-1.0-20170417-TB	440-182498-1	TB	4/17/2017	Soil	Stage 2B	X																										
39060	4401824981	RI-25-1.0-20170417	440-182498-2		4/17/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401824982	RI-25-1.0-20170417	440-182498-2		4/17/2017	Soil	Stage 2B							X																				
39060	4401824983	RI-25-1.0-20170417	440-182498-2		4/17/2017	Soil	Stage 2B									X																	X	X	X
39060	4401824981	RI-25-5.0-20170417	440-182498-3		4/17/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401824982	RI-25-5.0-20170417	440-182498-3		4/17/2017	Soil	Stage 2B							X																				
39060	4401824983	RI-25-5.0-20170417	440-182498-3		4/17/2017	Soil	Stage 2B									X																	X	X	X
39060	4401824981	RI-25-10.0-20170418	440-182498-4		4/18/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401824982	RI-25-10.0-20170418	440-182498-4		4/18/2017	Soil	Stage 2B							X																				
39060	4401824983	RI-25-10.0-20170418	440-182498-4		4/18/2017	Soil	Stage 2B									X																	X	X	X
39060	4401824981	RI-25-20.0-20170418	440-182498-5		4/18/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401824982	RI-25-20.0-20170418	440-182498-5		4/18/2017	Soil	Stage 2B							X																				
39060	4401824983	RI-25-20.0-20170418	440-182498-5		4/18/2017	Soil	Stage 2B									X																	X	X	X
39060	4401824981	RI-25-30.0-20170418	440-182498-6		4/18/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39060	4401824982	RI-25-30.0-20170418	440-182498-6		4/18/2017	Soil	Stage 2B							X																				
39060	4401824983	RI-25-30.0-20170418	440-182498-6		4/18/2017	Soil	Stage 2B									X																	X	X	X
39060	4401824981	RI-25-40.0-20170418	440-182498-7		4/18/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39060	4401824982	RI-25-40.0-20170418	440-182498-7		4/18/2017	Soil	Stage 2B							X																				
39060	4401824983	RI-25-40.0-20170418	440-182498-7		4/18/2017	Soil	Stage 2B									X																	X	X	X
39060	4401824981	RI-25-50.0-20170418	440-182498-8		4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401824981	RI-25-60.0-20170418	440-182498-9		4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401824981	RI-25-70.0-20170418	440-182498-10		4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401824981	RI-25-80.0-20170418	440-182498-11	FD51	4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401824981	RI-25-80.0-20170418-FD	440-182498-12	FD51	4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401824981	RI-25-90.0-20170418	440-182498-13		4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401826011	RI-25-95.0-20170418-TB	440-182601-1	TB	4/18/2017	Soil	Stage 2B	X																										
39060	4401826021	RI-24-95.0-20170419	440-182602-1		4/19/2017	Soil	Stage 2B	X																X										
39060	4401826011	RI-25-95.0-20170418	440-182601-2		4/18/2017	Soil	Stage 2B	X																X										
39060	4401826011	RI-25-100.0-20170418	440-182601-3		4/18/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401826011	RI-25-105.0-20170419	440-182601-4		4/19/2017	Soil	Stage 2B	X																X										
39060	4401826011	RI-25-110.0-20170419	440-182601-5		4/19/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401826011	RI-25-115.0-20170419	440-182601-6		4/19/2017	Soil	Stage 2B	X																X										
39060	4401826011	RI-25-120.0-20170419	440-182601-7		4/19/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401826011	RI-25-125.0-20170419	440-182601-8		4/19/2017	Soil	Stage 2B	X																X										
39060	4401826011	RI-25-130.0-20170419	440-182601-9		4/19/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39060	4401826011	RI-25-135.0-20170419	440-182601-10		4/19/2017	Soil	Stage 2B	X																X										
39060	4401826011	RI-25-140.0-20170419	440-182601-11		4/19/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401826011	RI-25-145.0-20170419	440-182601-12		4/19/2017	Soil	Stage 2B	X																X										
39060	4401826011	RI-25-150.0-20170419	440-182601-13		4/19/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401826021	RI-24-100.0-20170419	440-182602-2		4/19/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401826021	RI-24-105.0-20170419	440-182602-3		4/19/2017	Soil	Stage 2B	X																X										
39060	4401826021	RI-24-110.0-20170419	440-182602-4		4/19/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401826021	RI-24-115.0-20170419	440-182602-5		4/19/2017	Soil	Stage 2B	X																X										
39060	4401826021	RI-24-120.0-20170419	440-182602-6		4/19/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401826021	RI-24-120.0-20170419-EBTB	440-182602-7	EB	4/19/2017	Water	Stage 2A	X	X																									
39060	4401826021	RI-24-120.0-20170419-EB	440-182602-8	EB	4/19/2017	Water	Stage 2A	X	X						X							X	X	X										
39060	4401826021	RI-24-125.0-20170419	440-182602-9		4/19/2017	Soil	Stage 2B	X																X										
39060	4401826021	RI-24-130.0-20170419	440-182602-10		4/19/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401826021	RI-24-135.0-20170419	440-182602-11		4/19/2017	Soil	Stage 2B	X																X										
39060	4401826021	RI-24-140.0-20170419	440-182602-12		4/19/2017	Soil	Stage 2B	X							X							X	X	X										
39060	4401826021	RI-24-145.0-20170419	440-182602-13		4/19/2017	Soil	Stage 2B	X																X										
39060	4401826021	RI-24-150.0-20170419	440-182602-14		4/19/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-5.0-20170422-TB	440-182804-1	TB	4/22/2017	Soil	Stage 2B	X																										
39076	4401828041	RI-21-5.0-20170422	440-182804-2		4/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39176	4401828042	RI-21-5.0-20170422	440-182804-2		4/22/2017	Soil	Stage 2B							X																				
39176	4401828043	RI-21-5.0-20170422	440-182804-2		4/22/2017	Soil	Stage 2B									X																	X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39076	4401828041	RI-21-10.0-20170422	440-182804-3		4/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39176	4401828042	RI-21-10.0-20170422	440-182804-3		4/22/2017	Soil	Stage 2B							X																					
39176	4401828043	RI-21-10.0-20170422	440-182804-3		4/22/2017	Soil	Stage 2B									X																	X	X	X
39076	4401828041	RI-21-20.0-20170422	440-182804-4		4/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39176	4401828042	RI-21-20.0-20170422	440-182804-4		4/22/2017	Soil	Stage 2B							X																					
39176	4401828043	RI-21-20.0-20170422	440-182804-4		4/22/2017	Soil	Stage 2B									X																	X	X	X
39076	4401828041	RI-21-30.0-20170422	440-182804-5		4/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39176	4401828042	RI-21-30.0-20170422	440-182804-5		4/22/2017	Soil	Stage 2B							X																					
39176	4401828043	RI-21-30.0-20170422	440-182804-5		4/22/2017	Soil	Stage 2B									X																	X	X	X
39076	4401828041	RI-21-40.0-20170422	440-182804-6		4/22/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-50.0-20170422	440-182804-7		4/22/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-60.0-20170422	440-182804-8	FD52	4/22/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-60.0-20170422-FD	440-182804-9	FD52	4/22/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-70.0-20170422	440-182804-10		4/22/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-80.0-20170422	440-182804-11		4/22/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-90.0-20170423	440-182804-12		4/23/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-95.0-20170423	440-182804-13		4/23/2017	Soil	Stage 2B	X																X										
39076	4401828041	RI-21-100.0-20170423	440-182804-14		4/23/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-105.0-20170423	440-182804-15		4/23/2017	Soil	Stage 2B	X																X										
39076	4401828041	RI-21-110.0-20170423	440-182804-16		4/23/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-115.0-20170423	440-182804-17		4/23/2017	Soil	Stage 2B	X																X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39076	4401828041	RI-21-120.0-20170423	440-182804-18		4/23/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-125.0-20170423	440-182804-19		4/23/2017	Soil	Stage 2B	X																X										
39076	4401828041	RI-21-130.0-20170423	440-182804-20		4/23/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-135.0-20170423	440-182804-21		4/23/2017	Soil	Stage 2B	X																X										
39076	4401828041	RI-21-140.0-20170423	440-182804-22		4/23/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-150.0-20170423	440-182804-23		4/23/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828041	RI-21-145.0-20170423	440-182804-24		4/23/2017	Soil	Stage 2B	X																X										
39076	4401828291	RI-8-5.0-20170422	440-182829-1		4/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401828292	RI-8-5.0-20170422	440-182829-1		4/22/2017	Soil	Stage 2B							X																				
39076	4401828293	RI-8-5.0-20170422	440-182829-1		4/22/2017	Soil	Stage 4									X																X	X	X
39076	4401828291	RI-8-10.0-20170422	440-182829-2	FD53	4/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401828292	RI-8-10.0-20170422	440-182829-2	FD53	4/22/2017	Soil	Stage 2B							X																				
39076	4401828293	RI-8-10.0-20170422	440-182829-2	FD53	4/22/2017	Soil	Stage 4									X																X	X	X
39076	4401828291	RI-8-10.0-20170422-FD	440-182829-3	FD53	4/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401828292	RI-8-10.0-20170422-FD	440-182829-3	FD53	4/22/2017	Soil	Stage 2B							X																				
39076	4401828293	RI-8-10.0-20170422-FD	440-182829-3	FD53	4/22/2017	Soil	Stage 4									X																X	X	X
39076	4401828291	RI-8-20.0-20170422	440-182829-4		4/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401828292	RI-8-20.0-20170422	440-182829-4		4/22/2017	Soil	Stage 2B							X																				
39076	4401828293	RI-8-20.0-20170422	440-182829-4		4/22/2017	Soil	Stage 4									X																X	X	X
39076	4401828291	RI-8-30.0-20170422	440-182829-5		4/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401828292	RI-8-30.0-20170422	440-182829-5		4/22/2017	Soil	Stage 2B							X																				

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39076	4401828293	RI-8-30.0-20170422	440-182829-5		4/22/2017	Soil	Stage 4									X																X	X	X
39076	4401828291	RI-8-40.0-20170422	440-182829-6		4/22/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828291	RI-8-50.0-20170422	440-182829-7		4/22/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828291	RI-8-60.0-20170422	440-182829-8		4/22/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828291	RI-8-70.0-20170422	440-182829-9		4/22/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828291	RI-8-80.0-20170423	440-182829-10		4/23/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828291	RI-8-90.0-20170423	440-182829-11		4/23/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828291	RI-8-95.0-20170423	440-182829-12		4/23/2017	Soil	Stage 2B	X																X										
39076	4401828291	RI-8-100.0-20170423	440-182829-13		4/23/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828291	RI-8-105.0-20170423	440-182829-14		4/23/2017	Soil	Stage 2B	X																X										
39076	4401828291	RI-8-110.0-20170423	440-182829-15		4/23/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828291	RI-8-115.0-20170423	440-182829-16		4/23/2017	Soil	Stage 2B	X																X										
39076	4401828291	RI-8-120.0-20170423	440-182829-17		4/23/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828291	RI-8-125.0-20170423	440-182829-18		4/23/2017	Soil	Stage 2B	X																X										
39076	4401828861	RI-1-5.0-20170424-TB	440-182886-1	TB	4/24/2017	Soil	Stage 2B	X																										
39076	4401828861	RI-1-5.0-20170424	440-182886-2		4/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401828862	RI-1-5.0-20170424	440-182886-2		4/24/2017	Soil	Stage 2B							X																				
39076	4401828863	RI-1-5.0-20170424	440-182886-2		4/24/2017	Soil	Stage 2B									X																	X	X	X
39076	4401828861	RI-1-10.0-20170424	440-182886-3		4/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401828862	RI-1-10.0-20170424	440-182886-3		4/24/2017	Soil	Stage 2B							X																				
39076	4401828863	RI-1-10.0-20170424	440-182886-3		4/24/2017	Soil	Stage 2B									X																	X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39076	4401828861	RI-1-20.0-20170424	440-182886-4		4/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401828862	RI-1-20.0-20170424	440-182886-4		4/24/2017	Soil	Stage 2B							X																					
39076	4401828863	RI-1-20.0-20170424	440-182886-4		4/24/2017	Soil	Stage 2B									X																	X	X	X
39076	4401828861	RI-1-30.0-20170424	440-182886-5		4/24/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401828862	RI-1-30.0-20170424	440-182886-5		4/24/2017	Soil	Stage 2B							X																					
39076	4401828863	RI-1-30.0-20170424	440-182886-5		4/24/2017	Soil	Stage 2B									X																	X	X	X
39076	4401828861	RI-1-40.0-20170424	440-182886-6		4/24/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828861	RI-1-50.0-20170424	440-182886-7	FD54	4/24/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828861	RI-1-50.0-20170424-FD	440-182886-8	FD54	4/24/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828861	RI-1-60.0-20170424	440-182886-9		4/24/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828881	RI-8-130.0-20170424	440-182888-1		4/24/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828881	RI-8-135.0-20170424	440-182888-2		4/24/2017	Soil	Stage 2B	X																X										
39076	4401828881	RI-8-140.0-20170424	440-182888-3		4/24/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401828881	RI-8-145.0-20170424	440-182888-4		4/24/2017	Soil	Stage 2B	X																X										
39076	4401828881	RI-8-150.0-20170424	440-182888-5		4/24/2017	Soil	Stage 2B	X							X							X	X	X										
39176	4401829421	RI-1-70.0-20170424-TB	440-182942-1	TB	4/24/2017	Soil	Stage 2B	X																										
39176	4401829421	RI-1-70.0-20170424	440-182942-2		4/24/2017	Soil	Stage 2B	X							X							X	X	X										
39176	4401829421	RI-1-80.0-20170424	440-182942-3		4/24/2017	Soil	Stage 2B	X							X							X	X	X										
39176	4401829421	RI-1-90.0-20170425	440-182942-4		4/25/2017	Soil	Stage 2B	X							X							X	X	X										
39176	4401829421	RI-1-95.0-20170425	440-182942-5		4/25/2017	Soil	Stage 2B	X																X										
39176	4401829421	RI-1-100.0-20170425	440-182942-6		4/25/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39176	4401829421	RI-1-105.0-20170425	440-182942-7		4/25/2017	Soil	Stage 2B	X																X										
39176	4401829421	RI-1-110.0-20170425	440-182942-8		4/25/2017	Soil	Stage 2B	X							X							X	X	X										
39176	4401829421	RI-1-115.0-20170425	440-182942-9		4/25/2017	Soil	Stage 2B	X																X										
39176	4401829421	RI-1-120.0-20170425	440-182942-10		4/25/2017	Soil	Stage 2B	X							X							X	X	X										
39176	4401829421	RI-1-125.0-20170425	440-182942-11		4/25/2017	Soil	Stage 2B	X																X										
39176	4401829421	RI-1-130.0-20170425	440-182942-12		4/25/2017	Soil	Stage 2B	X							X							X	X	X										
39176	4401829421	RI-1-135.0-20170425	440-182942-13		4/25/2017	Soil	Stage 2B	X																X										
39176	4401829421	RI-1-140.0-20170425	440-182942-14		4/25/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401829431	RI-2-5.0-20170425	440-182943-1		4/25/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401829432	RI-2-5.0-20170425	440-182943-1		4/25/2017	Soil	Stage 4							X																					
39076	4401829433	RI-2-5.0-20170425	440-182943-1		4/25/2017	Soil	Stage 2B									X																	X	X	X
39076	4401829431	RI-2-10.0-20170425	440-182943-2		4/25/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401829432	RI-2-10.0-20170425	440-182943-2		4/25/2017	Soil	Stage 4							X																					
39076	4401829433	RI-2-10.0-20170425	440-182943-2		4/25/2017	Soil	Stage 2B									X																	X	X	X
39076	4401829431	RI-2-20.0-20170425	440-182943-3		4/25/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401829432	RI-2-20.0-20170425	440-182943-3		4/25/2017	Soil	Stage 4							X																					
39076	4401829433	RI-2-20.0-20170425	440-182943-3		4/25/2017	Soil	Stage 2B									X																	X	X	X
39076	4401829431	RI-2-30.0-20170425	440-182943-4		4/25/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39076	4401829432	RI-2-30.0-20170425	440-182943-4		4/25/2017	Soil	Stage 4							X																					
39076	4401829433	RI-2-30.0-20170425	440-182943-4		4/25/2017	Soil	Stage 2B									X																	X	X	X
39076	4401829431	RI-2-40.0-20170425	440-182943-5		4/25/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39076	4401829431	RI-2-50.0-20170425	440-182943-6		4/25/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401829431	RI-2-60.0-20170425	440-182943-7		4/25/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401829431	RI-2-70.0-20170425	440-182943-8		4/25/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401829431	RI-2-80.0-20170425	440-182943-9		4/25/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401829431	RI-2-80.0-20170425-EBTB	440-182943-10	EB	4/25/2017	Water	Stage 2A	X	X																									
39076	4401829431	RI-2-80.0-20170425-EB	440-182943-11	EB	4/25/2017	Water	Stage 2A	X	X						X							X	X	X										
39076	4401829431	RI-2-90.0-20170425	440-182943-12	FD55	4/25/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401829431	RI-2-90.0-20170425-FD	440-182943-13	FD55	4/25/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401830751	RI-2-95.0-20170425-TB	440-183075-1	TB	4/25/2017	Soil	Stage 2B	X																										
39076	4401830751	RI-2-95.0-20170425	440-183075-2		4/25/2017	Soil	Stage 2B	X																X										
39076	4401830751	RI-2-100.0-20170425	440-183075-3		4/25/2017	Soil	Stage 2B	X							X							X	X	X										
39076	4401830751	RI-2-105.0-20170426	440-183075-4		4/26/2017	Soil	Stage 2B	X																X										
39076	4401830751	RI-2-109.5-20170426	440-183075-5		4/26/2017	Soil	Stage 2B	X							X							X	X	X										
39486	4401832931	M-5D-20170501-TB	440-183293-1	TB	5/1/2017	Water	Stage 2A	X	X																									
39486	4401832931	M-5D-20170501	440-183293-2		5/1/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X		X			
39486	4401832932	M-5D-20170501	440-183293-2		5/1/2017	Water	Stage 2A							X																				
39486	4401832932	M-5D-20170501	440-183293-2		5/1/2017	Water	Stage 2A																											
39486	4401832933	M-5D-20170501	440-183293-2		5/1/2017	Water	Stage 2A									X																		
38906	4401834231	M-203-20170502-TB	440-183423-1	TB	5/2/2017	Water	Stage 2A	X	X																									
38906	4401834231	M-203-20170502	440-183423-2		5/2/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401834232	M-203-20170502	440-183423-2		5/2/2017	Water	Stage 2A							X																				

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39486	4401834233	M-203-20170502	440-183423-2		5/2/2017	Water	Stage 2A									X																		
38906	4401834231	M-125D-20170502	440-183423-3		5/2/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X	X			
39486	4401834233	M-125D-20170502	440-183423-3		5/2/2017	Water	Stage 2A									X																		
38906	4401834231	M-202-20170502	440-183423-4		5/2/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X	X			
39486	4401834233	M-202-20170502	440-183423-4		5/2/2017	Water	Stage 2A									X																		
38906	4401834231	M-65D-20170502	440-183423-5	FD56	5/2/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X	X			
39486	4401834233	M-65D-20170502	440-183423-5	FD56	5/2/2017	Water	Stage 2A									X																		
38906	4401834231	M-65D-20170502-FD	440-183423-6	FD56	5/2/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X	X			
39486	4401834233	M-65D-20170502-FD	440-183423-6	FD56	5/2/2017	Water	Stage 2A									X																		
39476	4401834241	RI-13-5.0-20170502	440-183424-1		5/2/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401834242	RI-13-5.0-20170502	440-183424-1		5/2/2017	Soil	Stage 2B							X																				
39476	4401834243	RI-13-5.0-20170502	440-183424-1		5/2/2017	Soil	Stage 2B									X																	X	X	X
39476	4401834241	RI-13-10.0-20170502	440-183424-2		5/2/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401834242	RI-13-10.0-20170502	440-183424-2		5/2/2017	Soil	Stage 2B							X																				
39476	4401834243	RI-13-10.0-20170502	440-183424-2		5/2/2017	Soil	Stage 2B									X																	X	X	X
39476	4401834241	RI-13-20.0-20170502	440-183424-3		5/2/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401834242	RI-13-20.0-20170502	440-183424-3		5/2/2017	Soil	Stage 2B							X																				
39476	4401834243	RI-13-20.0-20170502	440-183424-3		5/2/2017	Soil	Stage 2B									X																	X	X	X
39476	4401834241	RI-13-30.0-20170502	440-183424-4		5/2/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401834242	RI-13-30.0-20170502	440-183424-4		5/2/2017	Soil	Stage 2B							X																				
39476	4401834243	RI-13-30.0-20170502	440-183424-4		5/2/2017	Soil	Stage 2B									X																	X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401834241	RI-13-40.0-20170502	440-183424-5	FD57	5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401834241	RI-13-40.0-20170502-FD	440-183424-6	FD57	5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401834241	RI-13-50.0-20170502	440-183424-7		5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401834241	RI-13-50.0-20170502-EB	440-183424-8	EB	5/2/2017	Water	Stage 2A	X	X						X							X	X	X										
39476	4401834241	RI-13-60.0-20170502	440-183424-9		5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401834241	RI-13-70.0-20170502	440-183424-10		5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401834241	RI-13-80.0-20170502	440-183424-11		5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401834261	RIDB-16-1.0-20170501-TB	440-183426-1	TB	5/1/2017	Soil	Stage 2B	X																										
39476	4401834261	RIDB-16-1.0-20170501	440-183426-2		5/1/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401834262	RIDB-16-1.0-20170501	440-183426-2		5/1/2017	Soil	Stage 2B							X																				
39476	4401834263	RIDB-16-1.0-20170501	440-183426-2		5/1/2017	Soil	Stage 4									X																X	X	X
39476	4401834261	RIDB-16-5.0-20170502	440-183426-3		5/2/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401834262	RIDB-16-5.0-20170502	440-183426-3		5/2/2017	Soil	Stage 2B							X																				
39476	4401834263	RIDB-16-5.0-20170502	440-183426-3		5/2/2017	Soil	Stage 4									X																X	X	X
39476	4401834261	RIDB-16-10.0-20170502	440-183426-4		5/2/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401834262	RIDB-16-10.0-20170502	440-183426-4		5/2/2017	Soil	Stage 2B							X																				
39476	4401834263	RIDB-16-10.0-20170502	440-183426-4		5/2/2017	Soil	Stage 4									X																X	X	X
39476	4401834261	RIDB-16-20.0-20170502	440-183426-5		5/2/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401834262	RIDB-16-20.0-20170502	440-183426-5		5/2/2017	Soil	Stage 2B							X																				
39476	4401834263	RIDB-16-20.0-20170502	440-183426-5		5/2/2017	Soil	Stage 4									X																X	X	X
39476	4401834261	RIDB-16-30.0-20170502	440-183426-6		5/2/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401834262	RIDB-16-30.0-20170502	440-183426-6		5/2/2017	Soil	Stage 2B							X																				
39476	4401834263	RIDB-16-30.0-20170502	440-183426-6		5/2/2017	Soil	Stage 4									X																	X	X	X
39476	4401834261	RIDB-16-40.0-20170502	440-183426-7		5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401834261	RIDB-16-50.0-20170502	440-183426-8	FD58	5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401834261	RIDB-16-50.0-20170502-FD	440-183426-9	FD58	5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401834261	RIDB-16-60.0-20170502	440-183426-10		5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401834261	RIDB-16-70.0-20170502	440-183426-11		5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401834261	RIDB-16-80.0-20170502	440-183426-12		5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401834261	RIDB-16-90.0-20170502	440-183426-13		5/2/2017	Soil	Stage 2B	X							X							X	X	X										
39486	4401835531	M-81D-20170503-TB	440-183553-1	TB	5/3/2017	Water	Stage 2A	X	X																									
39486	4401835531	M-81D-20170503	440-183553-2		5/3/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401835532	M-81D-20170503	440-183553-2		5/3/2017	Water	Stage 2A									X																		
39486	4401835531	M-219-20170503	440-183553-3		5/3/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401835532	M-219-20170503	440-183553-3		5/3/2017	Water	Stage 2A									X																		
39486	4401835531	M-215-20170503	440-183553-4		5/3/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401835532	M-215-20170503	440-183553-4		5/3/2017	Water	Stage 2A									X																		
39486	4401835531	M-201-20170503	440-183553-5		5/3/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401835532	M-201-20170503	440-183553-5		5/3/2017	Water	Stage 2A									X																		
39486	4401835531	M-221-20170503	440-183553-6		5/3/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401835532	M-221-20170503	440-183553-6		5/3/2017	Water	Stage 2A									X																		
39486	4401835531	M-222-20170503	440-183553-7		5/3/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39486	4401835532	M-222-20170503	440-183553-7		5/3/2017	Water	Stage 2A									X																		
39486	4401835531	M-222-20170503-EB	440-183553-8	EB	5/3/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401835532	M-222-20170503-EB	440-183553-8	EB	5/3/2017	Water	Stage 2A									X																		
39476	4401835741	RI-12-5.0-20170503	440-183574-1		5/3/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401835742	RI-12-5.0-20170503	440-183574-1		5/3/2017	Soil	Stage 2B																											
39476	4401835742	RI-12-5.0-20170503	440-183574-1		5/3/2017	Soil	Stage 4							X																				
39476	4401835743	RI-12-5.0-20170503	440-183574-1		5/3/2017	Soil	Stage 2B									X																	X	X	X
39476	4401835741	RI-12-10.0-20170503	440-183574-2		5/3/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401835742	RI-12-10.0-20170503	440-183574-2		5/3/2017	Soil	Stage 2B																											
39476	4401835742	RI-12-10.0-20170503	440-183574-2		5/3/2017	Soil	Stage 4							X																				
39476	4401835743	RI-12-10.0-20170503	440-183574-2		5/3/2017	Soil	Stage 2B									X																	X	X	X
39476	4401835741	RI-12-20.0-20170503	440-183574-3		5/3/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401835742	RI-12-20.0-20170503	440-183574-3		5/3/2017	Soil	Stage 2B																											
39476	4401835742	RI-12-20.0-20170503	440-183574-3		5/3/2017	Soil	Stage 4							X																				
39476	4401835743	RI-12-20.0-20170503	440-183574-3		5/3/2017	Soil	Stage 2B									X																	X	X	X
39476	4401835741	RI-12-30.0-20170503	440-183574-4	FD59	5/3/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401835742	RI-12-30.0-20170503	440-183574-4	FD59	5/3/2017	Soil	Stage 2B																											
39476	4401835742	RI-12-30.0-20170503	440-183574-4	FD59	5/3/2017	Soil	Stage 4							X																				
39476	4401835743	RI-12-30.0-20170503	440-183574-4	FD59	5/3/2017	Soil	Stage 2B									X																	X	X	X
39476	4401835741	RI-12-30.0-20170503-FD	440-183574-5	FD59	5/3/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401835742	RI-12-30.0-20170503-FD	440-183574-5	FD59	5/3/2017	Soil	Stage 2B																											

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401835742	RI-12-30.0-20170503-FD	440-183574-5	FD59	5/3/2017	Soil	Stage 4							X																				
39476	4401835743	RI-12-30.0-20170503-FD	440-183574-5	FD59	5/3/2017	Soil	Stage 2B									X																	X	X	X
39476	4401835741	RI-12-40.0-20170503	440-183574-6		5/3/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401835741	RI-12-50.0-20170503	440-183574-7		5/3/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401835741	RI-12-60.0-20170503	440-183574-8		5/3/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401835741	RI-12-70.0-20170503	440-183574-9		5/3/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401835741	RI-12-80.0-20170503	440-183574-10		5/3/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401835811	RI-13-90.0-20170503-TB	440-183581-1	TB	5/3/2017	Soil	Stage 2B	X																										
39476	4401835811	RI-13-90.0-20170503	440-183581-2		5/3/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401835811	RI-13-95.0-20170503	440-183581-3		5/3/2017	Soil	Stage 2B	X																X										
39476	4401835811	RI-13-100.0-20170503	440-183581-4		5/3/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401835811	RI-13-105.0-20170503	440-183581-5		5/3/2017	Soil	Stage 2B	X																X										
39476	4401835811	RI-13-110.0-20170503	440-183581-6	FD60	5/3/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401835811	RI-13-110.0-20170503-FD	440-183581-7	FD60	5/3/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401835811	RI-13-115.0-20170503	440-183581-8		5/3/2017	Soil	Stage 2B	X																X										
39476	4401835811	RI-13-120.0-20170503	440-183581-9		5/3/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401835811	RI-13-125.0-20170503	440-183581-10		5/3/2017	Soil	Stage 2B	X																X										
39476	4401835811	RI-13-130.0-20170503	440-183581-11		5/3/2017	Soil	Stage 2B	X														X	X	X										
39476	4401835811	RI-13-135.0-20170503	440-183581-12		5/3/2017	Soil	Stage 2B	X							X									X										
39476	4401835811	RI-13-140.0-20170503	440-183581-13		5/3/2017	Soil	Stage 2B	X																X										
39476	4401835811	RI-13-145.0-20170503	440-183581-14		5/3/2017	Soil	Stage 2B	X																X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401835811	RI-13-150.0-20170503	440-183581-15		5/3/2017	Soil	Stage 2B	X																X										
39486	4401836831	M-140D-20170504-TB	440-183683-1	TB	5/4/2017	Water	Stage 2A	X	X																										
39486	4401836831	M-140D-20170504	440-183683-2		5/4/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401836832	M-140D-20170504	440-183683-2		5/4/2017	Water	Stage 2A									X																			
39486	4401836831	M-66D-20170504	440-183683-3	FD61	5/4/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401836832	M-66D-20170504	440-183683-3	FD61	5/4/2017	Water	Stage 2A									X																			
39486	4401836831	M-66D-20170504-FD	440-183683-4	FD61	5/4/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401836832	M-66D-20170504-FD	440-183683-4	FD61	5/4/2017	Water	Stage 2A									X																			
39486	4401836831	M-72D-20170504	440-183683-5		5/4/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401836832	M-72D-20170504	440-183683-5		5/4/2017	Water	Stage 2A									X																			
39486	4401836831	M-22D-20170504	440-183683-6		5/4/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401836832	M-22D-20170504	440-183683-6		5/4/2017	Water	Stage 2A									X																			
39486	4401836831	M-36D-20170504	440-183683-7		5/4/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401836832	M-36D-20170504	440-183683-7		5/4/2017	Water	Stage 2A									X																			
39486	4401836831	M-36D-20170504-FB	440-183683-8	FB	5/4/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401836832	M-36D-20170504-FB	440-183683-8	FB	5/4/2017	Water	Stage 2A									X																			
39486	4401836831	M-14D-20170504	440-183683-9		5/4/2017	Water	Stage 2A	X	X				X				X			X		X	X	X	X	X	X	X	X	X	X			
39486	4401836832	M-14D-20170504	440-183683-9		5/4/2017	Water	Stage 2A									X																			
39476	4401837021	RI-22-1.0-20170504-TB	440-183702-1	TB	5/4/2017	Soil	Stage 2B	X																											
39476	4401837021	RI-22-1.0-20170504	440-183702-2		5/4/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401837022	RI-22-1.0-20170504	440-183702-2		5/4/2017	Soil	Stage 2B							X																					

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401837023	RI-22-1.0-20170504	440-183702-2		5/4/2017	Soil	Stage 2B									X																X	X	X
39476	4401837021	RI-22-5.0-20170504	440-183702-3		5/4/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401837022	RI-22-5.0-20170504	440-183702-3		5/4/2017	Soil	Stage 2B							X																				
39476	4401837023	RI-22-5.0-20170504	440-183702-3		5/4/2017	Soil	Stage 2B									X																	X	X	X
39476	4401837021	RI-22-10.0-20170504	440-183702-4		5/4/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401837022	RI-22-10.0-20170504	440-183702-4		5/4/2017	Soil	Stage 2B							X																				
39476	4401837023	RI-22-10.0-20170504	440-183702-4		5/4/2017	Soil	Stage 2B									X																	X	X	X
39476	4401837021	RI-22-20.0-20170504	440-183702-5		5/4/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401837022	RI-22-20.0-20170504	440-183702-5		5/4/2017	Soil	Stage 2B							X																				
39476	4401837023	RI-22-20.0-20170504	440-183702-5		5/4/2017	Soil	Stage 2B									X																	X	X	X
39476	4401837021	RI-22-30.0-20170504	440-183702-6		5/4/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401837022	RI-22-30.0-20170504	440-183702-6		5/4/2017	Soil	Stage 2B							X																				
39476	4401837023	RI-22-30.0-20170504	440-183702-6		5/4/2017	Soil	Stage 2B									X																	X	X	X
39476	4401837021	RI-22-40.0-20170504	440-183702-7		5/4/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401837022	RI-22-40.0-20170504	440-183702-7		5/4/2017	Soil	Stage 2B							X																				
39476	4401837023	RI-22-40.0-20170504	440-183702-7		5/4/2017	Soil	Stage 2B									X																	X	X	X
39476	4401837021	RI-22-50.0-20170504	440-183702-8	FD62	5/4/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401837021	RI-22-50.0-20170504-FD	440-183702-9	FD62	5/4/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401837021	RI-22-50.0-20170504-EB	440-183702-10	EB	5/4/2017	Water	Stage 2A	X	X						X							X	X	X										
39476	4401837021	RI-22-60.0-20170504	440-183702-11		5/4/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401837051	RI-12-90.0-20170504	440-183705-1		5/4/2017	Soil	Stage 2B																												

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401837051	RI-12-90.0-20170504	440-183705-1		5/4/2017	Soil	Stage 4	X							X							X	X	X										
39476	4401837051	RI-12-95.0-20170504	440-183705-2		5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-95.0-20170504	440-183705-2		5/4/2017	Soil	Stage 4	X																X										
39476	4401837051	RI-12-100.0-20170504	440-183705-3		5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-100.0-20170504	440-183705-3		5/4/2017	Soil	Stage 4	X							X							X	X	X										
39476	4401837051	RI-12-105.0-20170504	440-183705-4		5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-105.0-20170504	440-183705-4		5/4/2017	Soil	Stage 4	X																X										
39476	4401837051	RI-12-110.0-20170504	440-183705-5		5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-110.0-20170504	440-183705-5		5/4/2017	Soil	Stage 4	X							X							X	X	X										
39476	4401837051	RI-12-115.0-20170504	440-183705-6		5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-115.0-20170504	440-183705-6		5/4/2017	Soil	Stage 4	X																X										
39476	4401837051	RI-12-120.0-20170504	440-183705-7		5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-120.0-20170504	440-183705-7		5/4/2017	Soil	Stage 4	X							X							X	X	X										
39476	4401837051	RI-12-125.0-20170504	440-183705-8		5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-125.0-20170504	440-183705-8		5/4/2017	Soil	Stage 4	X																X										
39476	4401837051	RI-12-130.0-20170504	440-183705-9		5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-130.0-20170504	440-183705-9		5/4/2017	Soil	Stage 4	X							X							X	X	X										
39476	4401837051	RI-12-135.0-20170504	440-183705-10		5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-135.0-20170504	440-183705-10		5/4/2017	Soil	Stage 4	X																X										
39476	4401837051	RI-12-140.0-20170504	440-183705-11	FD63	5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-140.0-20170504	440-183705-11	FD63	5/4/2017	Soil	Stage 4	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401837051	RI-12-140.0-20170504-FD	440-183705-12	FD63	5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-140.0-20170504-FD	440-183705-12	FD63	5/4/2017	Soil	Stage 4	X							X							X	X	X										
39476	4401837051	RI-12-145.0-20170504	440-183705-13		5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-145.0-20170504	440-183705-13		5/4/2017	Soil	Stage 4	X																X										
39476	4401837051	RI-12-150.0-20170504	440-183705-14		5/4/2017	Soil	Stage 2B																											
39476	4401837051	RI-12-150.0-20170504	440-183705-14		5/4/2017	Soil	Stage 4	X							X							X	X	X										
39476	4401837051	RI-12-90.0-20170504-EBTB	440-183705-15	EB	5/4/2017	Water	Stage 2A		X																									
39476	4401837051	RI-12-90.0-20170504-EBTB	440-183705-15	EB	5/4/2017	Water	Stage 2A	X																										
39476	4401837051	RI-12-90.0-20170504-EB	440-183705-16	EB	5/4/2017	Water	Stage 2A		X																									
39476	4401837051	RI-12-90.0-20170504-EB	440-183705-16	EB	5/4/2017	Water	Stage 2A	X															X	X										
39476	4401838191	RI-22-70.0-20170504-TB	440-183819-1	TB	5/4/2017	Soil	Stage 2B	X																										
39476	4401838191	RI-22-70.0-20170504	440-183819-2		5/4/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838191	RI-22-80.0-20170504	440-183819-3	FD66	5/4/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838191	RI-22-80.0-20170504-FD	440-183819-4	FD66	5/4/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838191	RI-22-90.0-20170504	440-183819-5		5/4/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838191	RI-22-95.0-20170504	440-183819-6		5/4/2017	Soil	Stage 2B	X																X										
39476	4401838191	RI-22-100.0-20170505	440-183819-7		5/5/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838191	RI-22-105.0-20170505	440-183819-8		5/5/2017	Soil	Stage 2B	X																X										
39476	4401838191	RI-22-110.0-20170505	440-183819-9		5/5/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838191	RI-22-115.0-20170505	440-183819-10		5/5/2017	Soil	Stage 2B	X																X										
39476	4401838191	RI-22-120.0-20170505	440-183819-11	FD64	5/5/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401838191	RI-22-120.0-20170505-FD	440-183819-12	FD64	5/5/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838191	RI-22-125.0-20170505	440-183819-13		5/5/2017	Soil	Stage 2B	X																X										
39476	4401838191	RI-22-130.0-20170505	440-183819-14		5/5/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838191	RI-22-135.0-20170505	440-183819-15		5/5/2017	Soil	Stage 2B	X																X										
39476	4401838191	RI-22-140.0-20170505	440-183819-16		5/5/2017	Soil	Stage 2B	X																X										
39476	4401838191	RI-22-145.0-20170505	440-183819-17	FD65	5/5/2017	Soil	Stage 2B	X																X										
39476	4401838191	RI-22-145.0-20170505-FD	440-183819-18	FD65	5/5/2017	Soil	Stage 2B	X																X										
39476	4401838191	RI-22-150.0-20170505	440-183819-19		5/5/2017	Soil	Stage 2B	X																X										
39476	4401838621	M-244-60.0-20170505-TB	440-183862-1	TB	5/5/2017	Soil	Stage 2B	X																										
39476	4401838621	M-244-60.0-20170505	440-183862-2		5/5/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838621	M-244-70.0-20170506	440-183862-3		5/6/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838621	M-244-80.0-20170506	440-183862-4		5/6/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838621	M-244-90.0-20170506	440-183862-5	FD67	5/6/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838621	M-244-90.0-20170506-FD	440-183862-6	FD67	5/6/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838621	M-244-100.0-20170506	440-183862-7		5/6/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838621	M-244-110.0-20170506	440-183862-8		5/6/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838621	M-244-120.0-20170506	440-183862-9		5/6/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401838621	M-244-130.0-20170506	440-183862-10		5/6/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401847231	RI-23-2.0-20170517-TB	440-184723-1	TB	5/17/2017	Soil	Stage 2B	X																										
39476	4401847231	RI-23-2.0-20170517	440-184723-2		5/17/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401847231	RI-23-5.0-20170517	440-184723-3		5/17/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401847231	RI-23-10.0-20170517	440-184723-4		5/17/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401848581	RI-6-5.0-20170518-TB	440-184858-1	TB	5/18/2017	Soil	Stage 2B	X																										
39476	4401848581	RI-6-5.0-20170518	440-184858-2		5/18/2017	Soil	Stage 2B																												
39476	4401848581	RI-6-5.0-20170518	440-184858-2		5/18/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39476	4401848582	RI-6-5.0-20170518	440-184858-2		5/18/2017	Soil	Stage 2B							X																				
39476	4401848583	RI-6-5.0-20170518	440-184858-2		5/18/2017	Soil	Stage 2B									X																	X	X	X
39476	4401848581	RI-6-10.0-20170518	440-184858-3		5/18/2017	Soil	Stage 2B																												
39476	4401848581	RI-6-10.0-20170518	440-184858-3		5/18/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39476	4401848582	RI-6-10.0-20170518	440-184858-3		5/18/2017	Soil	Stage 2B							X																				
39476	4401848583	RI-6-10.0-20170518	440-184858-3		5/18/2017	Soil	Stage 2B									X																	X	X	X
39476	4401848581	RI-27-1.0-20170519	440-184858-4		5/19/2017	Soil	Stage 2B																												
39476	4401848581	RI-27-1.0-20170519	440-184858-4		5/19/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39476	4401848582	RI-27-1.0-20170519	440-184858-4		5/19/2017	Soil	Stage 2B							X																				
39476	4401848583	RI-27-1.0-20170519	440-184858-4		5/19/2017	Soil	Stage 2B									X																	X	X	X
39476	4401848581	RI-27-5.0-20170519	440-184858-5		5/19/2017	Soil	Stage 2B																												
39476	4401848581	RI-27-5.0-20170519	440-184858-5		5/19/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39476	4401848582	RI-27-5.0-20170519	440-184858-5		5/19/2017	Soil	Stage 2B							X																				
39476	4401848583	RI-27-5.0-20170519	440-184858-5		5/19/2017	Soil	Stage 2B									X																	X	X	X
39476	4401848581	RI-27-10.0-20170519	440-184858-6		5/19/2017	Soil	Stage 2B																												
39476	4401848581	RI-27-10.0-20170519	440-184858-6		5/19/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39476	4401848582	RI-27-10.0-20170519	440-184858-6		5/19/2017	Soil	Stage 2B							X																				

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401848583	RI-27-10.0-20170519	440-184858-6		5/19/2017	Soil	Stage 2B									X																X	X	X
39476	4401848581	RI-27-20.0-20170519	440-184858-7		5/19/2017	Soil	Stage 2B																												
39476	4401848581	RI-27-20.0-20170519	440-184858-7		5/19/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39476	4401848582	RI-27-20.0-20170519	440-184858-7		5/19/2017	Soil	Stage 2B							X																				
39476	4401848583	RI-27-20.0-20170519	440-184858-7		5/19/2017	Soil	Stage 2B									X																	X	X	X
39476	4401848581	RI-27-30.0-20170519	440-184858-8		5/19/2017	Soil	Stage 2B																												
39476	4401848581	RI-27-30.0-20170519	440-184858-8		5/19/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39476	4401848582	RI-27-30.0-20170519	440-184858-8		5/19/2017	Soil	Stage 2B							X																				
39476	4401848583	RI-27-30.0-20170519	440-184858-8		5/19/2017	Soil	Stage 2B									X																	X	X	X
39476	4401848581	RI-27-40.0-20170519	440-184858-9		5/19/2017	Soil	Stage 2B																												
39476	4401848581	RI-27-40.0-20170519	440-184858-9		5/19/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39476	4401848582	RI-27-40.0-20170519	440-184858-9		5/19/2017	Soil	Stage 2B							X																				
39476	4401848583	RI-27-40.0-20170519	440-184858-9		5/19/2017	Soil	Stage 2B									X																	X	X	X
39476	4401848581	RIDB-29-1.0-20170519	440-184858-10		5/19/2017	Soil	Stage 2B																												
39476	4401848581	RIDB-29-1.0-20170519	440-184858-10		5/19/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39476	4401848582	RIDB-29-1.0-20170519	440-184858-10		5/19/2017	Soil	Stage 2B							X																				
39476	4401848583	RIDB-29-1.0-20170519	440-184858-10		5/19/2017	Soil	Stage 2B									X																	X	X	X
39476	4401848581	RIDB-29-5.0-20170519	440-184858-11		5/19/2017	Soil	Stage 2B																												
39476	4401848581	RIDB-29-5.0-20170519	440-184858-11		5/19/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39476	4401848582	RIDB-29-5.0-20170519	440-184858-11		5/19/2017	Soil	Stage 2B							X																				
39476	4401848583	RIDB-29-5.0-20170519	440-184858-11		5/19/2017	Soil	Stage 2B									X																	X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401848581	RIDB-29-10.0-20170519	440-184858-12		5/19/2017	Soil	Stage 2B																											
39476	4401848581	RIDB-29-10.0-20170519	440-184858-12		5/19/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39476	4401848582	RIDB-29-10.0-20170519	440-184858-12		5/19/2017	Soil	Stage 2B							X																				
39476	4401848583	RIDB-29-10.0-20170519	440-184858-12		5/19/2017	Soil	Stage 2B									X																	X	X	X
39476	4401849081	RI-27-50.0-20170519-TB	440-184908-1	TB	5/19/2017	Soil	Stage 2B	X																										
39476	4401849081	RI-27-50.0-20170519	440-184908-2	FD69	5/19/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401849081	RI-27-50.0-20170519-FD	440-184908-3	FD69	5/19/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401849081	RI-27-60.0-20170520	440-184908-4		5/20/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401849081	RI-27-70.0-20170520	440-184908-5		5/20/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401849081	RI-27-80.0-20170520	440-184908-6	FD70	5/20/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401849081	RI-27-80.0-20170520-FD	440-184908-7	FD70	5/20/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401849081	RI-27-90.0-20170520	440-184908-8		5/20/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401849081	RI-27-95.0-20170520	440-184908-9		5/20/2017	Soil	Stage 2B	X																X										
39476	4401849081	RI-27-100.0-20170520	440-184908-10		5/20/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401849081	RI-27-105.0-20170520	440-184908-11		5/20/2017	Soil	Stage 2B	X																X										
39476	4401849081	RI-27-110.0-20170520	440-184908-12		5/20/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401849081	RI-27-115.0-20170520	440-184908-13		5/20/2017	Soil	Stage 2B	X																X										
39476	4401849081	RI-27-120.0-20170520	440-184908-14		5/20/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401849081	RI-27-125.0-20170521	440-184908-15	FD68	5/21/2017	Soil	Stage 2B	X																X										
39476	4401849081	RI-27-125.0-20170521-FD	440-184908-16	FD68	5/21/2017	Soil	Stage 2B	X																X										
39476	4401849081	RI-27-130.0-20170521	440-184908-17		5/21/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401849081	RI-27-135.0-20170521	440-184908-18		5/21/2017	Soil	Stage 2B	X																X										
39476	4401849081	RI-27-140.0-20170521	440-184908-19		5/21/2017	Soil	Stage 2B	X																X										
39476	4401849081	RI-27-145.0-20170521	440-184908-20		5/21/2017	Soil	Stage 2B	X																X										
39476	4401849081	RI-27-150.0-20170521	440-184908-21		5/21/2017	Soil	Stage 2B	X																X										
39476	4401849501	RIDB-29-20.0-20170522-TB	440-184950-1	TB	5/22/2017	Soil	Stage 2B	X																										
39476	4401849501	RIDB-29-20.0-20170522	440-184950-2		5/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401849502	RIDB-29-20.0-20170522	440-184950-2		5/22/2017	Soil	Stage 2B							X																				
39476	4401849503	RIDB-29-20.0-20170522	440-184950-2		5/22/2017	Soil	Stage 2B									X																	X	X	X
39476	4401849501	RIDB-29-30.0-20170522	440-184950-3		5/22/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39476	4401849502	RIDB-29-30.0-20170522	440-184950-3		5/22/2017	Soil	Stage 2B							X																				
39476	4401849503	RIDB-29-30.0-20170522	440-184950-3		5/22/2017	Soil	Stage 2B									X																	X	X	X
39476	4401849501	RIDB-29-40.0-20170522	440-184950-4		5/22/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401849501	RIDB-29-40.0-20170522-EBTB	440-184950-5	EB	5/22/2017	Water	Stage 2A	X	X																									
39476	4401849501	RIDB-29-40.0-20170522-EB	440-184950-6	EB	5/22/2017	Water	Stage 2A	X	X						X							X	X	X										
39476	4401849501	RIDB-29-50.0-20170522	440-184950-7	FD71	5/22/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401849501	RIDB-29-50.0-20170522-FD	440-184950-8	FD71	5/22/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401850561	RIDB-29-60.0-20170522-TB	440-185056-1	TB	5/22/2017	Soil	Stage 2B	X																										
39476	4401850561	RIDB-29-60.0-20170522	440-185056-2		5/22/2017	Soil	Stage 2B																											
39476	4401850561	RIDB-29-60.0-20170522	440-185056-2		5/22/2017	Soil	Stage 4	X							X							X	X	X										
39476	4401850561	RIDB-29-70.0-20170523	440-185056-3	FD72	5/23/2017	Soil	Stage 2B																											
39476	4401850561	RIDB-29-70.0-20170523	440-185056-3	FD72	5/23/2017	Soil	Stage 4	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401850561	RIDB-29-70.0-20170523-FD	440-185056-4	FD72	5/23/2017	Soil	Stage 2B																											
39476	4401850561	RIDB-29-70.0-20170523-FD	440-185056-4	FD72	5/23/2017	Soil	Stage 4	X							X							X	X	X										
39476	4401850561	RIDB-29-80.0-20170523	440-185056-5		5/23/2017	Soil	Stage 2B																											
39476	4401850561	RIDB-29-80.0-20170523	440-185056-5		5/23/2017	Soil	Stage 4	X							X							X	X	X										
39476	4401850561	RIDB-29-90.0-20170523	440-185056-6		5/23/2017	Soil	Stage 2B																											
39476	4401850561	RIDB-29-90.0-20170523	440-185056-6		5/23/2017	Soil	Stage 4	X							X							X	X	X										
39476	4401854761	RI-23-20.0-20170530-TB	440-185476-1	TB	5/30/2017	Soil	Stage 2B	X																										
39476	4401854761	RI-23-20.0-20170530	440-185476-2		5/30/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39486	4401854762	RI-23-20.0-20170530	440-185476-2		5/30/2017	Soil	Stage 2B							X																				
39486	4401854763	RI-23-20.0-20170530	440-185476-2		5/30/2017	Soil	Stage 2B									X																	X	X	X
39476	4401854761	RI-23-30.0-20170530	440-185476-3		5/30/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39486	4401854762	RI-23-30.0-20170530	440-185476-3		5/30/2017	Soil	Stage 2B							X																				
39486	4401854763	RI-23-30.0-20170530	440-185476-3		5/30/2017	Soil	Stage 2B									X																	X	X	X
39476	4401854761	RI-23-40.0-20170530	440-185476-4		5/30/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39486	4401854762	RI-23-40.0-20170530	440-185476-4		5/30/2017	Soil	Stage 2B							X																				
39486	4401854763	RI-23-40.0-20170530	440-185476-4		5/30/2017	Soil	Stage 2B									X																	X	X	X
39476	4401854761	RI-23-50.0-20170531	440-185476-5		5/31/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401854761	RI-23-60.0-20170531	440-185476-6		5/31/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401854761	RI-23-60.0-20170531-EBTB	440-185476-7	EB	5/31/2017	Water	Stage 2A	X	X																									
39476	4401854761	RI-23-60.0-20170531-EB	440-185476-8	EB	5/31/2017	Water	Stage 2A	X	X						X							X	X	X										
39476	4401854761	RI-23-70.0-20170531	440-185476-9		5/31/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39476	4401854761	RI-23-80.0-20170531	440-185476-10	FD73	5/31/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401854761	RI-23-80.0-20170531-FD	440-185476-11	FD73	5/31/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401854761	RI-23-90.0-20170531	440-185476-12		5/31/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401854761	RI-23-95.0-20170531	440-185476-13		5/31/2017	Soil	Stage 2B	X							X									X										
39476	4401854761	RI-23-100.0-20170531	440-185476-14		5/31/2017	Soil	Stage 2B	X							X							X	X	X										
39476	4401854761	RI-23-105.0-20170531	440-185476-15		5/31/2017	Soil	Stage 2B	X							X									X										
39486	4401855831	RI-23-110.0-20170531-TB	440-185583-1	TB	5/31/2017	Soil	Stage 2B	X																										
39486	4401855831	RI-23-110.0-20170531	440-185583-2	FD75	5/31/2017	Soil	Stage 2B	X							X							X	X	X										
39486	4401855831	RI-23-110.0-20170531-FD	440-185583-3	FD75	5/31/2017	Soil	Stage 2B	X							X							X	X	X										
39486	4401855831	RI-23-115.0-20170531	440-185583-4		5/31/2017	Soil	Stage 2B	X																X										
39486	4401855831	RI-23-120.0-20170531	440-185583-5		5/31/2017	Soil	Stage 2B	X							X							X	X	X										
39486	4401855831	RI-23-125.0-20170601	440-185583-6		6/1/2017	Soil	Stage 2B	X																X										
39486	4401855831	RI-23-130.0-20170601	440-185583-7		6/1/2017	Soil	Stage 2B	X							X							X	X	X										
39486	4401855831	RI-23-135.0-20170601	440-185583-8		6/1/2017	Soil	Stage 2B	X																X										
39486	4401855831	RI-23-140.0-20170601	440-185583-9	FD74	6/1/2017	Soil	Stage 2B	X																X										
39486	4401855831	RI-23-140.0-20170601-FD	440-185583-10	FD74	6/1/2017	Soil	Stage 2B	X																X										
39486	4401855831	RI-23-145.0-20170601	440-185583-11		6/1/2017	Soil	Stage 2B	X																X										
39486	4401855831	RI-23-150.0-20170601	440-185583-12		6/1/2017	Soil	Stage 2B	X																X										
39466	4401856771	PCDB-1-5.0-20170602-TB	440-185677-1	TB	6/2/2017	Soil	Stage 2B	X																										
39466	4401856771	PCDB-1-5.0-20170602	440-185677-2		6/2/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-10.0-20170603	440-185677-3	FD79	6/3/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39466	4401856771	PCDB-1-10.0-20170603-FD	440-185677-4	FD79	6/3/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-20.0-20170603	440-185677-5		6/3/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-30.0-20170603	440-185677-6		6/3/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-40.0-20170603	440-185677-7		6/3/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-50.0-20170603	440-185677-8		6/3/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-60.0-20170603	440-185677-9		6/3/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-70.0-20170603	440-185677-10		6/3/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-80.0-20170603	440-185677-11		6/3/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-90.0-20170603	440-185677-12		6/3/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-100.0-20170604	440-185677-13		6/4/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-110.0-20170604	440-185677-14	FD78	6/4/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-110.0-20170604-FD	440-185677-15	FD78	6/4/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-120.0-20170604	440-185677-16		6/4/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-130.0-20170604	440-185677-17		6/4/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401856771	PCDB-1-140.0-20170604	440-185677-18		6/4/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401858291	PCDB-1-150.0-20170605-TB	440-185829-1	TB	6/5/2017	Soil	Stage 2B	X																										
39466	4401858291	PCDB-1-150.0-20170605	440-185829-2		6/5/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401858291	PCDB-2-5.0-20170605	440-185829-3		6/5/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401858291	PCDB-2-10.0-20170605	440-185829-4		6/5/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401858291	PCDB-2-20.0-20170605	440-185829-5		6/5/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401858771	PCDB-2-30.0-20170605-TB	440-185877-1	TB	6/5/2017	Soil	Stage 2B	X																										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39466	4401858771	PCDB-2-30.0-20170605	440-185877-2		6/5/2017	Soil	Stage 4	X							X							X	X	X										
39466	4401858771	PCDB-2-40.0-20170606	440-185877-3		6/6/2017	Soil	Stage 4	X							X							X	X	X										
39466	4401858771	PCDB-2-50.0-20170606	440-185877-4	FD80	6/6/2017	Soil	Stage 4	X							X							X	X	X										
39466	4401858771	PCDB-2-50.0-20170606-FD	440-185877-5	FD80	6/6/2017	Soil	Stage 4	X							X							X	X	X										
39466	4401858771	PCDB-2-50.0-20170606-EBTB	440-185877-6	EB	6/6/2017	Water	Stage 2A	X	X																									
39466	4401858771	PCDB-2-50.0-20170606-EB	440-185877-7	EB	6/6/2017	Water	Stage 2A	X	X						X							X	X	X										
39466	4401858771	PCDB-2-60.0-20170606	440-185877-8		6/6/2017	Soil	Stage 4	X							X							X	X	X										
39466	4401858771	PCDB-2-70.0-20170606	440-185877-9		6/6/2017	Soil	Stage 4	X							X							X	X	X										
39466	4401858771	PCDB-2-80.0-20170606	440-185877-10		6/6/2017	Soil	Stage 4	X							X							X	X	X										
39466	4401858771	PCDB-2-90.0-20170606	440-185877-11		6/6/2017	Soil	Stage 4	X							X							X	X	X										
39466	4401858771	PCDB-2-100.0-20170606	440-185877-12		6/6/2017	Soil	Stage 4	X							X							X	X	X										
39466	4401858771	PCDB-2-110.0-20170606	440-185877-13		6/6/2017	Soil	Stage 4	X							X							X	X	X										
39461	4401860311	PCDB-2-120.0-20170606-TB	440-186031-1	TB	6/6/2017	Soil	Stage 2B	X																									
39461	4401860311	PCDB-2-120.0-20170606	440-186031-2		6/6/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401860311	PCDB-2-130.0-20170606	440-186031-3	FD81	6/6/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401860311	PCDB-2-130.0-20170606-FD	440-186031-4	FD81	6/6/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401860311	PCDB-2-140.0-20170607	440-186031-5		6/7/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401860311	PCDB-2-150.0-20170607	440-186031-6		6/7/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863511	RI-17-5.0-20170612	440-186351-1		6/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401863512	RI-17-5.0-20170612	440-186351-1		6/12/2017	Soil	Stage 2B							X																				
39461	4401863513	RI-17-5.0-20170612	440-186351-1		6/12/2017	Soil	Stage 2B									X																X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39461	4401863511	RI-17-10.0-20170612	440-186351-2		6/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401863512	RI-17-10.0-20170612	440-186351-2		6/12/2017	Soil	Stage 2B							X																					
39461	4401863513	RI-17-10.0-20170612	440-186351-2		6/12/2017	Soil	Stage 2B									X																	X	X	X
39461	4401863511	RI-17-20.0-20170612	440-186351-3		6/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401863512	RI-17-20.0-20170612	440-186351-3		6/12/2017	Soil	Stage 2B							X																					
39461	4401863513	RI-17-20.0-20170612	440-186351-3		6/12/2017	Soil	Stage 2B									X																	X	X	X
39461	4401863511	RI-17-30.0-20170612	440-186351-4		6/12/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401863512	RI-17-30.0-20170612	440-186351-4		6/12/2017	Soil	Stage 2B							X																					
39461	4401863513	RI-17-30.0-20170612	440-186351-4		6/12/2017	Soil	Stage 2B									X																	X	X	X
39461	4401863511	RI-17-30.0-20170612-EBTB	440-186351-5	EB	6/12/2017	Water	Stage 2A	X	X																										
39461	4401863511	RI-17-30.0-20170612-EB	440-186351-6	EB	6/12/2017	Water	Stage 2A	X	X						X							X	X	X										
39461	4401863511	RI-17-40.0-20170612	440-186351-7		6/12/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863561	PCDB-3-5.0-20170612-TB	440-186356-1	TB	6/12/2017	Soil	Stage 2B	X																										
39461	4401863561	PCDB-3-5.0-20170612	440-186356-2		6/12/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863561	PCDB-3-10.0-20170612	440-186356-3		6/12/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863561	PCDB-3-20.0-20170612	440-186356-4		6/12/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863561	PCDB-3-30.0-20170612	440-186356-5	FD82	6/12/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863561	PCDB-3-30.0-20170612-FD	440-186356-6	FD82	6/12/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863561	PCDB-3-40.0-20170612	440-186356-7		6/12/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863561	PCDB-3-50.0-20170612	440-186356-8		6/12/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863951	RI-17-50.0-20170613	440-186395-1	FD83	6/13/2017	Soil	Stage 4	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39461	4401863951	RI-17-50.0-20170613-FD	440-186395-2	FD83	6/13/2017	Soil	Stage 4	X							X							X	X	X										
39461	4401863951	RI-17-60.0-20170613	440-186395-3		6/13/2017	Soil	Stage 4	X							X							X	X	X										
39461	4401863951	RI-17-70.0-20170613	440-186395-4		6/13/2017	Soil	Stage 4	X							X							X	X	X										
39461	4401863951	RI-17-70.0-20170613-EB	440-186395-5	EB	6/13/2017	Water	Stage 2A	X	X						X							X	X	X										
39461	4401863951	RI-17-80.0-20170613	440-186395-6		6/13/2017	Soil	Stage 4	X							X							X	X	X										
39461	4401863971	PCDB-3-60.0-20170612-TB	440-186397-1	TB	6/12/2017	Soil	Stage 2B	X																										
39461	4401863971	PCDB-3-60.0-20170612	440-186397-2		6/12/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863971	PCDB-3-70.0-20170612	440-186397-3		6/12/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863971	PCDB-3-80.0-20170613	440-186397-4		6/13/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863971	PCDB-3-90.0-20170613	440-186397-5		6/13/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863971	PCDB-3-90.0-20170613-EBTB	440-186397-6	EB	6/13/2017	Water	Stage 2A	X	X																									
39461	4401863971	PCDB-3-90.0-20170613-EB	440-186397-7	EB	6/13/2017	Water	Stage 2A	X	X						X							X	X	X										
39461	4401863971	PCDB-3-100.0-20170613	440-186397-8	FD85	6/13/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863971	PCDB-3-100.0-20170613-FD	440-186397-9	FD85	6/13/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863971	PCDB-3-110.0-20170613	440-186397-10		6/13/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863971	PCDB-3-120.0-20170613	440-186397-11		6/13/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863971	PCDB-3-130.0-20170613	440-186397-12	FD84	6/13/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863971	PCDB-3-130.0-20170613-FD	440-186397-13	FD84	6/13/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863971	PCDB-3-140.0-20170613	440-186397-14		6/13/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401863971	PCDB-3-150.0-20170613	440-186397-15		6/13/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401865171	RI-28-1.0-20170614-TB	440-186517-1	TB	6/14/2017	Soil	Stage 2B	X																										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39461	4401865171	RI-28-1.0-20170614	440-186517-2		6/14/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401865172	RI-28-1.0-20170614	440-186517-2		6/14/2017	Soil	Stage 4							X																					
39461	4401865173	RI-28-1.0-20170614	440-186517-2		6/14/2017	Soil	Stage 2B									X																	X	X	X
39461	4401865171	RI-28-5.0-20170614	440-186517-3		6/14/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401865172	RI-28-5.0-20170614	440-186517-3		6/14/2017	Soil	Stage 4							X																					
39461	4401865173	RI-28-5.0-20170614	440-186517-3		6/14/2017	Soil	Stage 2B									X																	X	X	X
39461	4401865171	RI-28-10.0-20170614	440-186517-4		6/14/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401865172	RI-28-10.0-20170614	440-186517-4		6/14/2017	Soil	Stage 4							X																					
39461	4401865173	RI-28-10.0-20170614	440-186517-4		6/14/2017	Soil	Stage 2B									X																	X	X	X
39461	4401865171	RI-28-20.0-20170614	440-186517-5		6/14/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401865172	RI-28-20.0-20170614	440-186517-5		6/14/2017	Soil	Stage 4							X																					
39461	4401865173	RI-28-20.0-20170614	440-186517-5		6/14/2017	Soil	Stage 2B									X																	X	X	X
39461	4401865171	RI-28-30.0-20170614	440-186517-6		6/14/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401865172	RI-28-30.0-20170614	440-186517-6		6/14/2017	Soil	Stage 4							X																					
39461	4401865173	RI-28-30.0-20170614	440-186517-6		6/14/2017	Soil	Stage 2B									X																	X	X	X
39461	4401865171	RI-28-40.0-20170614	440-186517-7		6/14/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401865172	RI-28-40.0-20170614	440-186517-7		6/14/2017	Soil	Stage 4							X																					
39461	4401865173	RI-28-40.0-20170614	440-186517-7		6/14/2017	Soil	Stage 2B									X																	X	X	X
39461	4401865171	RI-28-40.0-20170614-EB	440-186517-8	EB	6/14/2017	Water	Stage 2A	X	X						X							X	X	X										
39461	4401865171	RI-28-50.0-20170614	440-186517-9		6/14/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401865181	RI-17-90.0-20170614	440-186518-1		6/14/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39461	4401865181	RI-17-95.0-20170614	440-186518-2		6/14/2017	Soil	Stage 2B	X																X										
39461	4401865181	RI-17-100.0-20170614	440-186518-3	FD86	6/14/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401865181	RI-17-100.0-20170614-FD	440-186518-4	FD86	6/14/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401865181	RI-17-105.0-20170614	440-186518-5		6/14/2017	Soil	Stage 2B	X																X										
39461	4401865181	RI-17-110.0-20170614	440-186518-6		6/14/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401865181	RI-17-115.0-20170614	440-186518-7		6/14/2017	Soil	Stage 2B	X																X										
39461	4401865181	RI-17-120.0-20170614	440-186518-8		6/14/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401865181	RI-17-120.0-20170614-EBTB	440-186518-9	EB	6/14/2017	Water	Stage 2A	X	X																									
39461	4401865181	RI-17-120.0-20170614-EB	440-186518-10	EB	6/14/2017	Water	Stage 2A	X	X						X							X	X	X										
39461	4401865181	RI-17-125.0-20170614	440-186518-11		6/14/2017	Soil	Stage 2B	X																X										
39461	4401865181	RI-17-130.0-20170614	440-186518-12		6/14/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401865181	RI-17-135.0-20170614	440-186518-13		6/14/2017	Soil	Stage 2B	X																X										
39461	4401866341	RI-17-140.0-20170614-TB	440-186634-1	TB	6/14/2017	Soil	Stage 2B	X																										
39461	4401866341	RI-17-140.0-20170614	440-186634-2		6/14/2017	Soil	Stage 4	X																X										
39461	4401866341	RI-17-145.0-20170614	440-186634-3		6/14/2017	Soil	Stage 4	X																X										
39461	4401866341	RI-17-150.0-20170614	440-186634-4		6/14/2017	Soil	Stage 4	X																X										
39461	4401866341	RI-11-5.0-20170615	440-186634-5		6/15/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39461	4401866342	RI-11-5.0-20170615	440-186634-5		6/15/2017	Soil	Stage 4							X																					
39461	4401866343	RI-11-5.0-20170615	440-186634-5		6/15/2017	Soil	Stage 2B									X																	X	X	X
39461	4401866341	RI-11-10.0-20170615	440-186634-6		6/15/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39461	4401866342	RI-11-10.0-20170615	440-186634-6		6/15/2017	Soil	Stage 4							X																					

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39461	4401866343	RI-11-10.0-20170615	440-186634-6		6/15/2017	Soil	Stage 2B									X																X	X	X
39461	4401866341	RI-11-20.0-20170615	440-186634-7		6/15/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39461	4401866342	RI-11-20.0-20170615	440-186634-7		6/15/2017	Soil	Stage 4							X																				
39461	4401866343	RI-11-20.0-20170615	440-186634-7		6/15/2017	Soil	Stage 2B									X																	X	X	X
39461	4401866341	RI-11-30.0-20170615	440-186634-8		6/15/2017	Soil	Stage 4	X		X	X	X	X		X				X		X	X	X	X										
39461	4401866342	RI-11-30.0-20170615	440-186634-8		6/15/2017	Soil	Stage 4							X																				
39461	4401866343	RI-11-30.0-20170615	440-186634-8		6/15/2017	Soil	Stage 2B									X																	X	X	X
39461	4401866341	RI-11-30.0-20170615-EB	440-186634-9	EB	6/15/2017	Water	Stage 2A	X	X						X							X	X	X										
39461	4401866341	RI-11-40.0-20170615	440-186634-10		6/15/2017	Soil	Stage 4	X							X							X	X	X										
39461	4401866371	RI-28-60.0-20170614	440-186637-1		6/14/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401866371	RI-28-70.0-20170615	440-186637-2	FD88	6/15/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401866371	RI-28-70.0-20170615-FD	440-186637-3	FD88	6/15/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401866371	RI-28-80.0-20170615	440-186637-4		6/15/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401866371	RI-28-90.0-20170615	440-186637-5		6/15/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401866371	RI-28-95.0-20170615	440-186637-6		6/15/2017	Soil	Stage 2B	X																X										
39461	4401866371	RI-28-100.0-20170615	440-186637-7		6/15/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401866371	RI-28-100.0-20170615-EB	440-186637-8	EB	6/15/2017	Water	Stage 2A	X	X						X							X	X	X										
39461	4401866371	RI-28-100.0-20170615-EBTB	440-186637-9	EB	6/15/2017	Water	Stage 2A	X	X																									
39461	4401866371	RI-28-105.0-20170615	440-186637-10		6/15/2017	Soil	Stage 2B	X																X										
39461	4401866371	RI-28-110.0-20170615	440-186637-11		6/15/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401866371	RI-28-115.0-20170615	440-186637-12		6/15/2017	Soil	Stage 2B	X																X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39461	4401866371	RI-28-120.0-20170615	440-186637-13		6/15/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401866371	RI-28-120.0-20170615-EB	440-186637-14	EB	6/15/2017	Water	Stage 2A	X	X						X							X	X	X										
39461	4401866371	RI-28-125.0-20170615	440-186637-15		6/15/2017	Soil	Stage 2B	X																X										
39461	4401866371	RI-28-130.0-20170615	440-186637-16	FD87	6/15/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401866371	RI-28-130.0-20170615-FD	440-186637-17	FD87	6/15/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401866371	RI-28-135.0-20170615	440-186637-18		6/15/2017	Soil	Stage 2B	X																X										
39461	4401867201	RI-28-140.0-20170615-TB	440-186720-1	TB	6/15/2017	Soil	Stage 2B	X																										
39461	4401867201	RI-28-140.0-20170615	440-186720-2		6/15/2017	Soil	Stage 2B	X																X										
39461	4401867201	RI-28-145.0-20170615	440-186720-3		6/15/2017	Soil	Stage 2B	X																X										
39461	4401867201	RI-28-150.0-20170615	440-186720-4		6/15/2017	Soil	Stage 2B	X																X										
39461	4401867201	RI-26-1.0-20170616	440-186720-5		6/16/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401867202	RI-26-1.0-20170616	440-186720-5		6/16/2017	Soil	Stage 2B							X																				
39461	4401867203	RI-26-1.0-20170616	440-186720-5		6/16/2017	Soil	Stage 2B									X																X	X	X
39461	4401867201	RI-26-5.0-20170616	440-186720-6		6/16/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401867202	RI-26-5.0-20170616	440-186720-6	FD89	6/16/2017	Soil	Stage 2B							X																				
39461	4401867203	RI-26-5.0-20170616	440-186720-6	FD89	6/16/2017	Soil	Stage 2B									X																X	X	X
39461	4401867201	RI-26-5.0-20170616-FD	440-186720-7		6/16/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401867202	RI-26-5.0-20170616-FD	440-186720-7	FD89	6/16/2017	Soil	Stage 2B							X																				
39461	4401867203	RI-26-5.0-20170616-FD	440-186720-7	FD89	6/16/2017	Soil	Stage 2B									X																X	X	X
39461	4401867201	RI-26-10.0-20170616	440-186720-8		6/16/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401867202	RI-26-10.0-20170616	440-186720-8		6/16/2017	Soil	Stage 2B							X																				

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39461	4401867203	RI-26-10.0-20170616	440-186720-8		6/16/2017	Soil	Stage 2B									X																X	X	X
39461	4401867201	RI-26-20.0-20170616	440-186720-9		6/16/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401867202	RI-26-20.0-20170616	440-186720-9		6/16/2017	Soil	Stage 2B							X																				
39461	4401867203	RI-26-20.0-20170616	440-186720-9		6/16/2017	Soil	Stage 2B									X																X	X	X
39461	4401867211	RI-11-50.0-20170615	440-186721-1		6/15/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867211	RI-11-60.0-20170616	440-186721-2	FD92	6/16/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867211	RI-11-60.0-20170616-FD	440-186721-3	FD92	6/16/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867211	RI-11-70.0-20170616	440-186721-4		6/16/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867211	RI-11-80.0-20170616	440-186721-5		6/16/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867211	RI-11-90.0-20170616	440-186721-6		6/16/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867211	RI-11-95.0-20170616	440-186721-7	FD93	6/16/2017	Soil	Stage 2B	X																X										
39461	4401867211	RI-11-95.0-20170616-FD	440-186721-8	FD93	6/16/2017	Soil	Stage 2B	X																X										
39461	4401867211	RI-11-100.0-20170616	440-186721-9		6/16/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867211	RI-11-105.0-20170616	440-186721-10		6/16/2017	Soil	Stage 2B	X																X										
39461	4401867211	RI-11-110.0-20170616	440-186721-11	FD90	6/16/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867211	RI-11-110.0-20170616-FD	440-186721-12	FD90	6/16/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867211	RI-11-115.0-20170616	440-186721-13		6/16/2017	Soil	Stage 2B	X																X										
39461	4401867211	RI-11-120.0-20170616	440-186721-14		6/16/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867211	RI-11-125.0-20170616	440-186721-15		6/16/2017	Soil	Stage 2B	X																X										
39461	4401867211	RI-11-130.0-20170616	440-186721-16	FD91	6/16/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867211	RI-11-130.0-20170616-FD	440-186721-17	FD91	6/16/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39461	4401867211	RI-11-135.0-20170616	440-186721-18		6/16/2017	Soil	Stage 2B	X																X										
39461	4401867211	RI-11-140.0-20170616	440-186721-19		6/16/2017	Soil	Stage 2B	X																X										
39461	4401867211	RI-11-145.0-20170616	440-186721-20		6/16/2017	Soil	Stage 2B	X																X										
39461	4401867211	RI-11-150.0-20170616	440-186721-21		6/16/2017	Soil	Stage 2B	X																X										
39461	4401867861	RI-26-30.0-20170616-TB	440-186786-1	TB	6/16/2017	Soil	Stage 2B	X																										
39461	4401867861	RI-26-30.0-20170616	440-186786-2		6/16/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401867862	RI-26-30.0-20170616	440-186786-2		6/16/2017	Soil	Stage 2B							X																					
39461	4401867863	RI-26-30.0-20170616	440-186786-2		6/16/2017	Soil	Stage 2B									X																	X	X	X
39461	4401867861	RI-26-40.0-20170616	440-186786-3		6/16/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39461	4401867862	RI-26-40.0-20170616	440-186786-3		6/16/2017	Soil	Stage 2B							X																					
39461	4401867863	RI-26-40.0-20170616	440-186786-3		6/16/2017	Soil	Stage 2B									X																	X	X	X
39461	4401867861	RI-26-50.0-20170617	440-186786-4		6/17/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867861	RI-26-60.0-20170617	440-186786-5		6/17/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867861	RI-26-70.0-20170617	440-186786-6	FD96	6/17/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867861	RI-26-70.0-20170617-FD	440-186786-7	FD96	6/17/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867861	RI-26-80.0-20170617	440-186786-8		6/17/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867861	RI-26-90.0-20170617	440-186786-9		6/17/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867861	RI-26-95.0-20170617	440-186786-10		6/17/2017	Soil	Stage 2B	X																X										
39461	4401867861	RI-26-100.0-20170617	440-186786-11		6/17/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867861	RI-26-105.0-20170617	440-186786-12		6/17/2017	Soil	Stage 2B	X																X										
39461	4401867861	RI-26-110.0-20170617	440-186786-13	FD94	6/17/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39461	4401867861	RI-26-110.0-20170617-FD	440-186786-14	FD94	6/17/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867861	RI-26-115.0-20170617	440-186786-15		6/17/2017	Soil	Stage 2B	X																X										
39461	4401867861	RI-26-120.0-20170617	440-186786-16		6/17/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867861	RI-26-125.0-20170618	440-186786-17		6/18/2017	Soil	Stage 2B	X																X										
39461	4401867861	RI-26-130.0-20170618	440-186786-18		6/18/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401867861	RI-26-135.0-20170618	440-186786-19		6/18/2017	Soil	Stage 2B	X																X										
39461	4401867861	RI-26-140.0-20170618	440-186786-20	FD95	6/18/2017	Soil	Stage 2B	X																X										
39461	4401867861	RI-26-140.0-20170618-FD	440-186786-21	FD95	6/18/2017	Soil	Stage 2B	X																X										
39461	4401867861	RI-26-145.0-20170618	440-186786-22		6/18/2017	Soil	Stage 2B	X																X										
39461	4401867861	RI-26-150.0-20170618	440-186786-23		6/18/2017	Soil	Stage 2B	X																X										
39461	4401867971	M-198-100.0-20170618	440-186797-1		6/18/2017	Soil	Stage 4	X							X						X	X	X	X										
39461	4401867971	M-198-110.0-20170618	440-186797-2		6/18/2017	Soil	Stage 4	X							X						X	X	X	X										
39461	4401867971	M-198-120.0-20170618	440-186797-3		6/18/2017	Soil	Stage 4	X							X						X	X	X	X										
39461	4401867971	M-198-130.0-20170618	440-186797-4		6/18/2017	Soil	Stage 4	X							X						X	X	X	X										
39461	4401867971	M-198-140.0-20170618	440-186797-5		6/18/2017	Soil	Stage 4	X							X						X	X	X	X										
39461	4401867971	M-198-150.0-20170618	440-186797-6		6/18/2017	Soil	Stage 4	X							X						X	X	X	X										
39461	4401869201	M-196-100.0-20170620-TB	440-186920-1	TB	6/20/2017	Soil	Stage 2B	X																										
39461	4401869201	M-196-100.0-20170620	440-186920-2		6/20/2017	Soil	Stage 2B	X							X						X	X	X	X										
39461	4401869201	M-196-110.0-20170620	440-186920-3		6/20/2017	Soil	Stage 2B	X							X						X	X	X	X										
39461	4401869201	M-196-120.0-20170620	440-186920-4		6/20/2017	Soil	Stage 2B	X							X						X	X	X	X										
39461	4401869201	M-196-130.0-20170620	440-186920-5		6/20/2017	Soil	Stage 2B	X							X						X	X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39461	4401869201	M-196-140.0-20170620	440-186920-6		6/20/2017	Soil	Stage 2B	X							X						X	X	X	X										
39461	4401869201	M-196-150.0-20170620	440-186920-7		6/20/2017	Soil	Stage 2B	X							X						X	X	X	X										
39461	4401872951	M-199-100.0-20170626-TB	440-187295-1	TB	6/26/2017	Soil	Stage 2B	X																										
39461	4401872951	M-199-100.0-20170626	440-187295-2		6/26/2017	Soil	Stage 2B	X							X						X	X	X	X										
39461	4401872951	M-199-110.0-20170626	440-187295-3		6/26/2017	Soil	Stage 2B	X							X						X	X	X	X										
39461	4401872951	M-199-120.0-20170626	440-187295-4		6/26/2017	Soil	Stage 2B	X							X						X	X	X	X										
39461	4401872951	M-199-130.0-20170626	440-187295-5		6/26/2017	Soil	Stage 2B	X							X						X	X	X	X										
39461	4401872951	M-199-140.0-20170626	440-187295-6		6/26/2017	Soil	Stage 2B	X							X						X	X	X	X										
39461	4401872951	M-199-150.0-20170626	440-187295-7		6/26/2017	Soil	Stage 2B	X							X						X	X	X	X										
39466	4401874371	RI-2-110.0-20170628-TB	440-187437-1	TB	6/28/2017	Soil	Stage 2B	X																										
39466	4401874371	RI-2-110.0-20170628	440-187437-2		6/28/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401874371	RI-2-115.0-20170628	440-187437-3		6/28/2017	Soil	Stage 2B	X																X										
39466	4401874371	RI-2-120.0-20170628	440-187437-4		6/28/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401874371	RI-2-125.0-20170628	440-187437-5		6/28/2017	Soil	Stage 2B	X																X										
39466	4401874371	RI-2-130.0-20170628	440-187437-6	FD97	6/28/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401874371	RI-2-130.0-20170628-FD	440-187437-7	FD97	6/28/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401874371	RI-2-135.0-20170628	440-187437-8		6/28/2017	Soil	Stage 2B	X																X										
39466	4401874371	RI-2-140.0-20170628	440-187437-9		6/28/2017	Soil	Stage 2B	X																X										
39466	4401874371	RI-2-145.0-20170628	440-187437-10		6/28/2017	Soil	Stage 2B	X																X										
39466	4401874371	RI-2-150.0-20170628	440-187437-11		6/28/2017	Soil	Stage 2B	X																X										
39461	4401875331	RI-3-5.0-20170629-TB	440-187533-1	TB	6/29/2017	Soil	Stage 2B	X																										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39461	4401875331	RI-3-5.0-20170629	440-187533-2		6/29/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39466	4401875332	RI-3-5.0-20170629	440-187533-2		6/29/2017	Soil	Stage 2B							X																					
39466	4401875333	RI-3-5.0-20170629	440-187533-2		6/29/2017	Soil	Stage 4									X																	X	X	X
39461	4401875331	RI-3-10.0-20170629	440-187533-3		6/29/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39466	4401875332	RI-3-10.0-20170629	440-187533-3		6/29/2017	Soil	Stage 2B							X																					
39466	4401875333	RI-3-10.0-20170629	440-187533-3		6/29/2017	Soil	Stage 4									X																	X	X	X
39461	4401875331	RI-3-20.0-20170629	440-187533-4		6/29/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39466	4401875332	RI-3-20.0-20170629	440-187533-4		6/29/2017	Soil	Stage 2B							X																					
39466	4401875333	RI-3-20.0-20170629	440-187533-4		6/29/2017	Soil	Stage 4									X																	X	X	X
39461	4401875331	RI-3-40.0-20170629	440-187533-5	FD98	6/29/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401875331	RI-3-40.0-20170629-FD	440-187533-6	FD98	6/29/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401875331	RI-3-50.0-20170629	440-187533-7		6/29/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401875331	RI-3-60.0-20170629	440-187533-8		6/29/2017	Soil	Stage 2B	X							X							X	X	X										
39461	4401875331	RI-3-70.0-20170629	440-187533-9	FD99	6/29/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875531	RI-3-80.0-20170629-TB	440-187553-1	TB	6/29/2017	Soil	Stage 2B	X																										
39466	4401875531	RI-3-80.0-20170629	440-187553-2		6/29/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875531	RI-3-90.0-20170629	440-187553-3		6/29/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875531	RI-3-95.0-20170629	440-187553-4		6/29/2017	Soil	Stage 2B	X																X										
39466	4401875531	RI-3-100.0-20170629	440-187553-5		6/29/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875531	RI-3-105.0-20170629	440-187553-6		6/29/2017	Soil	Stage 2B	X																X										
39466	4401875531	RI-3-110.0-20170629	440-187553-7		6/29/2017	Soil	Stage 2B	X							X							X	X	X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39466	4401875531	RI-3-115.0-20170629	440-187553-8		6/29/2017	Soil	Stage 2B	X																X										
39466	4401875531	RI-3-120.0-20170630	440-187553-9		6/30/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875531	RI-3-120.0-20170630-FD	440-187553-10	FD99	6/30/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875531	RI-3-125.0-20170630	440-187553-11		6/30/2017	Soil	Stage 2B	X																X										
39466	4401875531	RI-3-130.0-20170630	440-187553-12		6/30/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875531	RI-3-135.0-20170630	440-187553-13		6/30/2017	Soil	Stage 2B	X																X										
39466	4401875531	RI-3-140.0-20170630	440-187553-14		6/30/2017	Soil	Stage 2B	X																X										
39466	4401875531	RI-3-145.0-20170630	440-187553-15		6/30/2017	Soil	Stage 2B	X																X										
39466	4401875531	RI-3-150.0-20170630	440-187553-16		6/30/2017	Soil	Stage 2B	X																X										
39466	4401875891	RI-4-5.0-20170630	440-187589-2		6/30/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39466	4401875892	RI-4-5.0-20170630	440-187589-2		6/30/2017	Soil	Stage 2B							X																				
39466	4401875893	RI-4-5.0-20170630	440-187589-2		6/30/2017	Soil	Stage 2B									X																	X	X	X
39466	4401875941	RI-4-10.0-20170630	440-187594-2		6/30/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39466	4401875942	RI-4-10.0-20170630	440-187594-2		6/30/2017	Soil	Stage 4							X																				
39466	4401875943	RI-4-10.0-20170630	440-187594-2		6/30/2017	Soil	Stage 2B									X																	X	X	X
39466	4401875941	RI-4-20.0-20170630	440-187594-3		6/30/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39466	4401875942	RI-4-20.0-20170630	440-187594-3		6/30/2017	Soil	Stage 4							X																				
39466	4401875943	RI-4-20.0-20170630	440-187594-3		6/30/2017	Soil	Stage 2B									X																	X	X	X
39466	4401875941	RI-4-30.0-20170630	440-187594-4	FD101	6/30/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39466	4401875942	RI-4-30.0-20170630	440-187594-4	FD101	6/30/2017	Soil	Stage 4							X																				
39466	4401875943	RI-4-30.0-20170630	440-187594-4	FD101	6/30/2017	Soil	Stage 2B									X																	X	X	X

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39466	4401875941	RI-4-30.0-20170630-FD	440-187594-5	FD101	6/30/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39466	4401875942	RI-4-30.0-20170630-FD	440-187594-5	FD101	6/30/2017	Soil	Stage 4							X																				
39466	4401875943	RI-4-30.0-20170630-FD	440-187594-5	FD101	6/30/2017	Soil	Stage 2B									X																	X	X	X
39466	4401875941	RI-4-40.0-20170630	440-187594-6		6/30/2017	Soil	Stage 2B	X		X	X	X	X		X				X		X	X	X	X										
39466	4401875941	RI-4-50.0-20170630	440-187594-7		6/30/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875941	RI-4-60.0-20170701	440-187594-8		7/1/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875941	RI-4-70.0-20170701	440-187594-9		7/1/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875941	RI-4-80.0-20170701	440-187594-10		7/1/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875941	RI-4-90.0-20170701	440-187594-11		7/1/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875941	RI-4-95.0-20170701	440-187594-12		7/1/2017	Soil	Stage 2B	X																X										
39466	4401875941	RI-4-100.0-20170701	440-187594-13		7/1/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875941	RI-4-105.0-20170701	440-187594-14		7/1/2017	Soil	Stage 2B	X																X										
39466	4401875941	RI-4-110.0-20170701	440-187594-15		7/1/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875941	RI-4-115.0-20170701	440-187594-16		7/1/2017	Soil	Stage 2B	X																X										
39466	4401875941	RI-4-120.0-20170701	440-187594-17	FD100	7/1/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875941	RI-4-120.0-20170701-FD	440-187594-18	FD100	7/1/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875941	RI-4-125.0-20170701	440-187594-19		7/1/2017	Soil	Stage 2B	X																X										
39466	4401875941	RI-4-130.0-20170701	440-187594-20		7/1/2017	Soil	Stage 2B	X							X							X	X	X										
39466	4401875941	RI-4-135.0-20170701	440-187594-21		7/1/2017	Soil	Stage 2B	X																X										
39466	4401875941	RI-4-140.0-20170701	440-187594-22		7/1/2017	Soil	Stage 2B	X																X										
39466	4401875941	RI-4-145.0-20170701	440-187594-23		7/1/2017	Soil	Stage 2B	X																X										

Table I. Sample Cross-Reference

LDC	SDG	Client ID	Lab ID	QC Type	Sample Date	Matrix	Validation Level	VOC (8260B)	1,2,3-Trichloropropane & 1,4-Dioxane (SW8260BSIM)	SVOC (8270C)	PAH (8270CSIM)	Chlorinated Pesticides (8081A)	Aroclor-1260 (8082)	PCDD/PCDF (8290) & Total TEQ (8290 Calc)	Metals (6010B)	Metals (6020A)	Metals (200.7/200.8)	Mercury (7470A)	Mercury (7471A)	Hexavalent Cr (218.6)	Hexavalent Cr (7199)	Anions (300.0)	Chlorate (300.1B)	Perchlorate (314.0)	Alkalinity (2320)	Specific Conductance (2510B)	TDS (2540C)	Cyanide (SM4500-CN-E)	DOC (5310B)	Sulfide (9034)	pH (9040C)	Total Phosphorus (365.3)	Radium-226 (903.0)	Radium-228 (904.0)	Isotopic Thorium (A-01-R)
39466	4401875941	RI-4-150.0-20170701	440-187594-24		7/1/2017	Soil	Stage 2B	X																X										

Table II. Stage 2A, Stage 2B, and Stage 4 Validation Elements

Quality Control Elements	Stage 2A					
	GC/MS[1]	GC[2]	HR GC/MS[3]	Metals	Wet Chemistry	Rad[4]
Sample Receipt & Technical Holding Time	√	√	√	√	√	√
Instrument Performance Check	-	-	-	-	-	-
Initial Calibration (ICAL)	-	-	-	-	-	-
Initial Calibration Verification (ICV)	-	-	-	-	-	-
Continuing Calibration Verification (CCV)	-	-	-	-	-	-
Laboratory Blanks	√	√	√	√	√	√
Initial Calibration Blank and Continuing Calibration Blank (ICB/CCB)	**N/A**	**N/A**	**N/A**	√	√	**N/A**
Field Blanks	√	√	√	√	√	√
Inductively Coupled Plasma (ICP) Interference Check Sample	**N/A**	**N/A**	**N/A**	-	**N/A**	**N/A**
Surrogate Spikes/ Carrier Recovery	√	√	**N/A**	**N/A**	√	√
Matrix Spike (MS)/ Matrix Spike Duplicate (MSD)	√	√	√	√	√	√
Laboratory Duplicate (DUP)	**N/A**	**N/A**	**N/A**	**N/A**	√	√
Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD)	√	√	√	√	√	√
Serial Dilution	**N/A**	**N/A**	**N/A**	√	**N/A**	**N/A**
Internal Standards	-	-	-	-	**N/A**	**N/A**
Field Duplicate	√	√	√	√	√	√
RPD Between Two Columns	**N/A**	-	**N/A**	**N/A**	**N/A**	**N/A**
Project Quantitation Limits (PQL)[5]	√	√	√	√	√	√
Multiple Results for One Sample	√	√	√	√	√	√
Target Compound Identification	-	-	-	-	-	-
Compound Quantitation/ Sample Result Verification	-	-	-	-	-	-
System Performance[6]	-	-	-	-	-	-
Overall Data Usability Assessment	√	√	√	√	√	√

√ = Reviewed for Stage 2A review
N/A = Not applicable to method or not performed during this sampling event
- = Not applicable for Stage 2A review
[1]GC/MS = VOCs, SVOCs, and PAHs
[2]GC = Chlorinated Pesticides and Aroclor-1260
[3]HR GC/MS = PCDD/PCDFs
[4]Rad = Radium-226, Radium-228, and Isotopic Thorium
[5]PQLs verified for GC/MS, GC, Metals, and Wet Chemistry methods. For HR GC/MS, Estimated Detection Limits (EDLs) and for Rad, Minimum Detectable Activity (MDA).
[6]System performance is a thorough review of the data acquisition that can yield indicators of degrading instrument performance affecting quality of data.

Table II. Stage 2A, Stage 2B, and Stage 4 Validation Elements

Quality Control Elements	Stage 2B					
	GC/MS[1]	GC[2]	HR GC/MS[3]	Metals	Wet Chemistry	Rad[4]
Sample Receipt & Technical Holding Time	√	√	√	√	√	√
Instrument Performance Check	√	√	√	√	√	√
Initial Calibration (ICAL)	√	√	√	√	√	√
Initial Calibration Verification (ICV)	√	√	√	√	√	√
Continuing Calibration Verification (CCV)	√	√	√	√	√	√
Laboratory Blanks	√	√	√	√	√	√
Initial Calibration Blank and Continuing Calibration Blank (ICB/CCB)	**N/A**	**N/A**	**N/A**	√	√	**N/A**
Field Blanks	√	√	√	√	√	√
Inductively Coupled Plasma (ICP) Interference Check Sample	**N/A**	**N/A**	**N/A**	√	**N/A**	**N/A**
Surrogate Spikes/ Carrier Recovery	√	√	**N/A**	**N/A**	√	√
Matrix Spike (MS)/ Matrix Spike Duplicate (MSD)	√	√	√	√	√	√
Laboratory Duplicate (DUP)	**N/A**	**N/A**	**N/A**	**N/A**	√	√
Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD)	√	√	√	√	√	√
Serial Dilution	**N/A**	**N/A**	**N/A**	√	**N/A**	**N/A**
Internal Standards	√	√	√	√	**N/A**	**N/A**
Field Duplicate	√	√	√	√	√	√
RPD Between Two Columns	**N/A**	√	**N/A**	**N/A**	**N/A**	**N/A**
Project Quantitation Limits (PQL)[5]	√	√	√	√	√	√
Multiple Results for One Sample	√	√	√	√	√	√
Target Compound Identification	-	-	-	-	-	-
Compound Quantitation/ Sample Result Verification	-	-	-	-	-	-
System Performance[6]	-	-	-	-	-	-
Overall Data Usability Assessment	√	√	√	√	√	√

√ = Reviewed for Stage 2B review
N/A = Not applicable to method or not performed during this sampling event
- = Not applicable for Stage 2B review
[1]GC/MS = VOCs, SVOCs, and PAHs
[2]GC = Chlorinated Pesticides and Aroclor-1260
[3]HR GC/MS = PCDD/PCDFs
[4]Rad = Radium-226, Radium-228, and Isotopic Thorium
[5]PQLs verified for GC/MS, GC, Metals, and Wet Chemistry methods. For HR GC/MS, Estimated Detection Limits (EDLs) and for Rad, Minimum Detectable Activity (MDA).
[6]System performance is a thorough review of the data acquisition that can yield indicators of degrading instrument performance affecting quality of data.

Table II. Stage 2A, Stage 2B, and Stage 4 Validation Elements

Quality Control Elements	Stage 4					
	GC/MS[1]	GC[2]	HR GC/MS[3]	Metals	Wet Chemistry	Rad[4]
Sample Receipt & Technical Holding Time	√	√	√	√	√	√
Instrument Performance Check	√	√	√	√	√	√
Initial Calibration (ICAL)	√	√	√	√	√	√
Initial Calibration Verification (ICV)	√	√	√	√	√	√
Continuing Calibration Verification (CCV)	√	√	√	√	√	√
Laboratory Blanks	√	√	√	√	√	√
Initial Calibration Blank and Continuing Calibration Blank (ICB/CCB)	**N/A**	**N/A**	**N/A**	√	√	**N/A**
Field Blanks	√	√	√	√	√	√
Inductively Coupled Plasma (ICP) Interference Check Sample	**N/A**	**N/A**	**N/A**	√	**N/A**	**N/A**
Surrogate Spikes/ Carrier Recovery	√	√	**N/A**	**N/A**	√	√
Matrix Spike (MS)/ Matrix Spike Duplicate (MSD)	√	√	√	√	√	√
Laboratory Duplicate (DUP)	**N/A**	**N/A**	**N/A**	**N/A**	√	√
Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD)	√	√	√	√	√	√
Serial Dilution	**N/A**	**N/A**	**N/A**	√	**N/A**	**N/A**
Internal Standards	√	**N/A**	√	√	**N/A**	**N/A**
Field Duplicate	√	√	√	√	√	√
RPD Between Two Columns	**N/A**	√	**N/A**	**N/A**	**N/A**	**N/A**
Project Quantitation Limits (PQL)[5]	√	√	√	√	√	√
Multiple Results for One Sample	√	√	√	√	√	√
Target Compound Identification	√	√	√	**N/A**	**N/A**	**N/A**
Compound Quantitation/ Sample Result Verification	√	√	√	√	√	√
System Performance[6]	√	**N/A**	√	**N/A**	**N/A**	**N/A**
Overall Data Usability Assessment	√	√	√	√	√	√

√ = Reviewed for Stage 4 review
N/A = Not applicable to method or not performed during this sampling event
- = Not applicable for Stage 4 review
[1]GC/MS = VOCs, SVOCs, and PAHs
[2]GC = Chlorinated Pesticides and Aroclor-1260
[3]HR GC/MS = PCDD/PCDFs
[4]Rad = Radium-226, Radium-228, and Isotopic Thorium
[5]PQLs verified for GC/MS, GC, Metals, and Wet Chemistry methods. For HR GC/MS, Estimated Detection Limits (EDLs) and for Rad, Minimum Detectable Activity (MDA).
[6]System performance is a thorough review of the data acquisition that can yield indicators of degrading instrument performance affecting quality of data.

Table III. Stage 2A, Stage 2B & Stage 4 Validation Percentages

Parameter	Number of Samples				Validation Percentage		
	(Water) Stage 2A	(Soil) Stage 2B	(Soil) Stage 4	(Soil) Total	(Water [1]) Stage 2A (%)	(Soil) Stage 2B (%)	(Soil) Stage 4 (%)
VOCs (8260B)	76	899	104	1003	100	90	10
1,2,3-Trichloropropane & 1,4-Dioxane (8260B-SIM)	77	-	-	-	100	-	-
SVOCs	3	236	43	279	100	85	15
PAH	3	231	43	274	100	84	16
Chlorinated Pesticides	3	234	43	277	100	84	16
Aroclor-1260	24	231	40	271	100	85	15
Dioxins and Furans	5	241	27	268	100	90	10
Metals (200.7/200.8)	21	-	-	-	100	-	-
Metals (6010B)	29	694	104	798	100	87	13
Metals (6020A)	24	237	45	282	100	84	16
Mercury (7470A)	3	-	-	-	100	-	-
Mercury (7471A)	-	226	40	266	-	85	15
Alkalinity	21	-	-	-	100	-	-
Anions	50	706	104	810	100	87	13
Chlorate	51	707	104	811	100	87	13
Cyanide	21	-	-	-	100	-	-
DOC	21	-	-	-	100	-	-
CrVI (7199)	3	239	46	285	100	84	16
CrVI (218.6)	21	-	-	-	100	-	-
Perchlorate	51	826	113	939	100	88	12
pH	20	-	-	-	100	-	-
Total Phosphorus	21	-	-	-	100	-	-
TDS	21	-	-	-	100	-	-
Specific Conductance	21	-	-	-	100	-	-
Sulfide	21	-	-	-	100	-	-
Radium-226	3	223	45	268	100	83	17
Radium-228	3	223	45	268	100	83	17
Isotopic Thorium	3	223	45	268	100	83	17

Notes:

1. Consistent with NDEP guidance emailed on March 7, 2017, all water results have been validated to Stage 2A.

Table IV. Reason 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	dual 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)
nd	qualified due to non-detected target analyte
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 V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	99-87-6	p-Cymene		U*	0.00083	0.0017	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	108-86-1	Bromobenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	91-20-3	Naphthalene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0033	0.0083	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00083	0.0017	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.027	*	0.00083	0.0017	mg/kg	J+	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0017	0.017	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0017	0.0083	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	95-50-1	1,2-Dichlorobenzene	0.020	*	0.00083	0.0017	mg/kg	J+	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00083	0.0017	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	M-5D-52.0-20170222	2/22/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	150344	183251-733004	area
4401778261	RIDB-8-1.0-20170222	2/22/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0021	mg/kg	UJ	c	CCV %D	31.4	20	%
4401778261	RIDB-8-10.0-20170222	2/22/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	31.4	20	%
4401778261	RIDB-8-20.0-20170222	2/22/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	31.4	20	%
4401778261	RIDB-8-20.0-20170222	2/22/2017	8260B	67-66-3	Chloroform	0.00055	J	0.00054	0.0011	mg/kg	J	sp	< PQL			
4401778261	RIDB-8-30.0-20170222	2/22/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0023	mg/kg	UJ	c	CCV %D	31.4	20	%
4401778261	RIDB-8-30.0-20170222-FD	2/22/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0026	mg/kg	UJ	c	CCV %D	31.4	20	%
4401778261	RIDB-8-40.0-20170222	2/22/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0021	mg/kg	UJ	c	CCV %D	31.4	20	%
4401778261	RIDB-8-5.0-20170222	2/22/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	31.4	20	%
4401778261	RIDB-8-60.0-20170222	2/22/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	31.4	20	%
4401778261	RIDB-8-60.0-20170222	2/22/2017	8260B	541-73-1	1,3-Dichlorobenzene	0.0011	J	0.00076	0.0015	mg/kg	J	sp	< PQL			
4401778261	RIDB-8-80.0-20170222	2/22/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0027	mg/kg	UJ	c	CCV %D	31.4	20	%
4401778261	RIDB-9-1.0-20170222	2/22/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	31.4	20	%
4401778261	RIDB-9-1.0-20170222-TB	2/22/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	31.4	20	%
4401778261	RIDB-9-5.0-20170222	2/22/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	31.4	20	%
4401780271	RIDB-14-1.0-20170223	2/23/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	20.5	20	%
4401780271	RIDB-14-10.0-20170223	2/23/2017	8260B	74-87-3	Chloromethane		U	0.00097	0.0019	mg/kg	UJ	c	CCV %D	20.5	20	%
4401780271	RIDB-14-20.0-20170223	2/23/2017	8260B	74-87-3	Chloromethane		U	0.00093	0.0019	mg/kg	UJ	c	CCV %D	20.5	20	%
4401780271	RIDB-14-5.0-20170223	2/23/2017	8260B	74-87-3	Chloromethane		U	0.00099	0.0020	mg/kg	UJ	c	CCV %D	20.5	20	%
4401780271	RIDB-8-90.0-20170223	2/23/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	20.5	20	%
4401780271	RIDB-8-90.0-20170223-TB	2/23/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	20.5	20	%
4401780271	RIDB-9-10.0-20170223	2/23/2017	8260B	74-87-3	Chloromethane		U	0.00096	0.0019	mg/kg	UJ	c	CCV %D	20.5	20	%
4401780271	RIDB-9-20.0-20170223	2/23/2017	8260B	74-87-3	Chloromethane		U	0.00099	0.0020	mg/kg	UJ	c	CCV %D	20.5	20	%
4401780271	RIDB-9-30.0-20170223	2/23/2017	8260B	74-87-3	Chloromethane		U	0.00096	0.0019	mg/kg	UJ	c	CCV %D	20.5	20	%
4401780271	RIDB-9-40.0-20170223	2/23/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0029	mg/kg	UJ	c	CCV %D	20.5	20	%
4401780271	RIDB-9-50.0-20170223	2/23/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0033	mg/kg	UJ	c	CCV %D	20.5	20	%
4401780271	RIDB-9-50.0-20170223	2/23/2017	8260B	56-23-5	Carbon Tetrachloride	0.0019	J	0.00082	0.0033	mg/kg	J	sp	< PQL			
4401780271	RIDB-9-50.0-20170223-FD	2/23/2017	8260B	56-23-5	Carbon Tetrachloride	0.00090	J	0.00066	0.0026	mg/kg	J	sp	< PQL			
4401781721	RIDB-10-1.0-20170223	2/23/2017	8260B	67-64-1	Acetone		U	0.0095	0.024	mg/kg	UJ	c	CCV %D	20.4	20	%
4401781721	RIDB-10-30.0-20170224	2/24/2017	8260B	95-50-1	1,2-Dichlorobenzene	0.00099	J	0.00073	0.0015	mg/kg	J	sp	< PQL			
4401781721	RIDB-10-30.0-20170224	2/24/2017	8260B	56-23-5	Carbon Tetrachloride	0.00090	J	0.00073	0.0029	mg/kg	J+	c,sp	CCV %D; < PQL	30.2	20	%
4401781721	RIDB-13-30.0-20170224	2/24/2017	8260B	67-64-1	Acetone		U	0.011	0.028	mg/kg	UJ	c	CCV %D	25.3	20	%
4401781721	RIDB-13-30.0-20170224-FD	2/24/2017	8260B	67-64-1	Acetone		U	0.011	0.029	mg/kg	UJ	c	CCV %D	25.3	20	%
4401781721	RIDB-13-40.0-20170224	2/24/2017	8260B	75-25-2	Bromoform	0.0017	J	0.0013	0.0025	mg/kg	J	sp	< PQL			
4401781721	RIDB-13-40.0-20170224	2/24/2017	8260B	67-64-1	Acetone		U	0.010	0.025	mg/kg	UJ	c	CCV %D	25.3	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401781721	RIDB-13-50.0-20170224	2/24/2017	8260B	67-64-1	Acetone		U	0.0098	0.024	mg/kg	UJ	c	CCV %D	25.3	20	%
4401781721	RIDB-14-30.0-20170223	2/23/2017	8260B	67-64-1	Acetone		U	0.010	0.026	mg/kg	UJ	c	CCV %D	20.4	20	%
4401783021	RIDB-10-40.0-20170224	2/24/2017	8260B	67-66-3	Chloroform	0.00077	J	0.00056	0.0011	mg/kg	J	sp	< PQL			
4401783022	RIDB-6-40.0-20170226	2/26/2017	8260B	79-01-6	Trichloroethene	0.00079	J	0.00075	0.0015	mg/kg	J	sp	< PQL			
4401783022	RIDB-6-5.0-20170225	2/25/2017	8260B	67-64-1	Acetone		U	0.016	0.039	mg/kg	UJ	c	CCV %D	20.4	20	%
4401783022	RIDB-6-60.0-20170226	2/26/2017	8260B	67-64-1	Acetone		U	0.021	0.052	mg/kg	UJ	c	CCV %D	20.4	20	%
4401790221	RIDB-4-30.0-20170307	3/7/2017	8260B	75-34-3	1,1-Dichloroethane	0.0012	J	0.00063	0.0013	mg/kg	J	sp	< PQL			
4401790221	RIDB-4-40.0-20170307	3/7/2017	8260B	108-90-7	Chlorobenzene	0.13	F1	0.00087	0.0017	mg/kg	J+	m	MS/MSD %R	242,219	70-130	%
4401790221	RIDB-4-40.0-20170307	3/7/2017	8260B	95-50-1	1,2-Dichlorobenzene	0.0047	F1	0.00087	0.0017	mg/kg	J+	m	MS/MSD %R	141,132	70-130	%
4401790221	RIDB-4-40.0-20170307	3/7/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.0075	F1	0.00087	0.0017	mg/kg	J+	m	MS/MSD %R	136,-	70-130	%
4401790221	RIDB-4-40.0-20170307	3/7/2017	8260B	75-34-3	1,1-Dichloroethane	0.00091	J	0.00087	0.0017	mg/kg	J	sp	< PQL			
4401790221	RIDB-4-50.0-20170307	3/7/2017	8260B	91-20-3	Naphthalene	0.0014	J	0.0011	0.0022	mg/kg	J	sp	< PQL			
4401790221	RIDB-4-50.0-20170307	3/7/2017	8260B	67-66-3	Chloroform	0.00059	J	0.00056	0.0011	mg/kg	J	sp	< PQL			
4401791531	RIDB-1-0.5-20170308	3/8/2017	8260B	1634-04-4	Methyl tert-butyl ether	0.0014	J	0.00088	0.0018	mg/kg	J	sp	< PQL			
4401791531	RIDB-1-10.0-20170308	3/8/2017	8260B	67-66-3	Chloroform	0.00055	J	0.00046	0.00091	mg/kg	J	sp	< PQL			
4401791531	RIDB-1-10.0-20170308	3/8/2017	8260B	1634-04-4	Methyl tert-butyl ether	0.0013	J	0.00091	0.0018	mg/kg	J	sp	< PQL			
4401791531	RIDB-1-10.0-20170308	3/8/2017	8260B	127-18-4	Tetrachloroethene	0.00051	J	0.00046	0.00091	mg/kg	J	sp	< PQL			
4401791531	RIDB-1-30.0-20170308	3/8/2017	8260B	75-34-3	1,1-Dichloroethane	0.0012	J	0.00065	0.0013	mg/kg	J	sp	< PQL			
4401791531	RIDB-1-30.0-20170308	3/8/2017	8260B	107-06-2	1,2-Dichloroethane	0.00092	J	0.00065	0.0013	mg/kg	J	sp	< PQL			
4401791531	RIDB-1-30.0-20170308-EB	3/8/2017	8260B	75-09-2	Methylene Chloride	1.3	J	0.88	2.0	ug/l	J	bt,sp	TB contamination; < PQL	1.3	2.6	ug/l
4401791531	RIDB-1-30.0-20170308-EBTB	3/8/2017	8260B	75-09-2	Methylene Chloride	1.3	J	0.88	2.0	ug/l	J	sp	< PQL			
4401791531	RIDB-1-50.0-20170308	3/8/2017	8260B	1634-04-4	Methyl tert-butyl ether	0.0014	J	0.0014	0.0027	mg/kg	J	sp	< PQL			
4401791531	RIDB-1-50.0-20170308-FD	3/8/2017	8260B	107-06-2	1,2-Dichloroethane	0.0012	J	0.00067	0.0013	mg/kg	J	sp	< PQL			
4401791531	RIDB-20-30.0-20170308	3/8/2017	8260B	67-66-3	Chloroform	0.00090	J	0.00050	0.0010	mg/kg	J	sp	< PQL			
4401791531	RIDB-20-30.0-20170308	3/8/2017	8260B	67-64-1	Acetone		U	0.0080	0.020	mg/kg	UJ	c	CCV %D	31.1	20	%
4401791531	RIDB-20-30.0-20170308-FD	3/8/2017	8260B	67-66-3	Chloroform	0.00073	J	0.00048	0.00097	mg/kg	J	sp	< PQL			
4401791531	RIDB-20-30.0-20170308-FD	3/8/2017	8260B	67-64-1	Acetone		U	0.0078	0.019	mg/kg	UJ	c	CCV %D	31.1	20	%
4401791531	RIDB-20-40.0-20170308	3/8/2017	8260B	541-73-1	1,3-Dichlorobenzene	0.00097	J	0.00070	0.0014	mg/kg	J	sp	< PQL			
4401791531	RIDB-20-60.0-20170308	3/8/2017	8260B	56-23-5	Carbon Tetrachloride	0.0025	J	0.00066	0.0026	mg/kg	J	sp	< PQL			
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0013	0.0026	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0013	0.0026	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	67-64-1	Acetone		U	0.010	0.026	mg/kg	UJ	c	CCV %D	31.1	20	%
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0013	0.0026	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00065	0.0013	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0013	0.0026	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0026	0.0065	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0013	0.0026	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0013	0.013	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	99-87-6	p-Cymene		U*	0.00065	0.0013	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	91-20-3	Naphthalene		U*	0.0013	0.0026	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0013	0.0026	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00065	0.0013	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0013	0.0026	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00065	0.0013	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0013	0.0026	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0013	0.0065	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0013	0.0026	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0013	0.0026	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	108-86-1	Bromobenzene		U*	0.0013	0.0026	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-70.0-20170308	3/8/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00065	0.0013	mg/kg	UJ	i	IS area (1,4-DCB-d4)	141658	158515-634060	area
4401791531	RIDB-20-80.0-20170308	3/8/2017	8260B	67-64-1	Acetone		U	0.0096	0.024	mg/kg	UJ	c	CCV %D	31.1	20	%
4401791531	RIDB-20-90.0-20170308	3/8/2017	8260B	1634-04-4	Methyl tert-butyl ether	0.0013	J	0.0011	0.0022	mg/kg	J	sp	< PQL			
4401791531	RIDB-20-90.0-20170308	3/8/2017	8260B	67-64-1	Acetone		U	0.0088	0.022	mg/kg	UJ	c	CCV %D	31.1	20	%
4401791531	RIDB-4-80.0-20170307	3/7/2017	8260B	108-90-7	Chlorobenzene	0.00087	J	0.00068	0.0014	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401792801	RIDB-1-60.0-20170308	3/8/2017	8260B	1634-04-4	Methyl tert-butyl ether	0.0014	J	0.0014	0.0028	mg/kg	J	sp	< PQL			
4401792801	RIDB-17-1.0-20170309	3/9/2017	8260B	1634-04-4	Methyl tert-butyl ether	0.0011	J	0.00097	0.0019	mg/kg	J	sp	< PQL			
4401792801	RIDB-17-10.0-20170309	3/9/2017	8260B	1634-04-4	Methyl tert-butyl ether	0.0015	J	0.0011	0.0021	mg/kg	J	sp	< PQL			
4401792801	RIDB-17-30.0-20170309	3/9/2017	8260B	1634-04-4	Methyl tert-butyl ether	0.0016	J	0.0014	0.0028	mg/kg	J	sp	< PQL			
4401792801	RIDB-17-30.0-20170309-FD	3/9/2017	8260B	1634-04-4	Methyl tert-butyl ether	0.0014	J	0.0014	0.0028	mg/kg	J	sp	< PQL			
4401792801	RIDB-17-40.0-20170309	3/9/2017	8260B	56-23-5	Carbon Tetrachloride	0.0014	J	0.00078	0.0031	mg/kg	J+	c,sp	CCV %D; < PQL	21.4	20	%
4401792801	RIDB-17-5.0-20170309	3/9/2017	8260B	67-64-1	Acetone	0.032		0.0091	0.023	mg/kg	J+	c	CCV %D	46.1	20	%
4401792801	RIDB-17-5.0-20170309	3/9/2017	8260B	1634-04-4	Methyl tert-butyl ether	0.0013	J	0.0011	0.0023	mg/kg	J	sp	< PQL			
4401792801	RIDB-17-50.0-20170309	3/9/2017	8260B	56-23-5	Carbon Tetrachloride	0.0015	J	0.00085	0.0034	mg/kg	J+	c,sp	CCV %D; < PQL	21.4	20	%
4401792801	RIDB-17-50.0-20170309	3/9/2017	8260B	75-25-2	Bromoform	0.0017	J	0.0017	0.0034	mg/kg	J+	c,sp	CCV %D; < PQL	20.6	20	%
4401792801	RIDB-17-60.0-20170309	3/9/2017	8260B	79-01-6	Trichloroethene	0.0015	J	0.00083	0.0017	mg/kg	J	sp	< PQL			
4401792801	RIDB-17-60.0-20170309	3/9/2017	8260B	75-27-4	Bromodichloromethane	0.00085	J	0.00083	0.0017	mg/kg	J	sp	< PQL			
4401792801	RIDB-17-60.0-20170309	3/9/2017	8260B	56-23-5	Carbon Tetrachloride	0.0012	J	0.00083	0.0033	mg/kg	J+	c,sp	CCV %D; < PQL	21.4	20	%
4401792801	RIDB-17-60.0-20170309-EB	3/9/2017	8260B	79-01-6	Trichloroethene	1.5		0.25	0.50	ug/l	J+	o	Possible carryover			
4401792801	RIDB-17-60.0-20170309-EBTB	3/9/2017	8260B	79-01-6	Trichloroethene	0.52		0.25	0.50	ug/l	J+	o	Possible carryover			
4401792801	RIDB-2-20.0-20170309	3/9/2017	8260B	67-66-3	Chloroform	0.0011	J	0.00061	0.0012	mg/kg	J	sp	< PQL			
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	108-90-7	Chlorobenzene	0.0016		0.00061	0.0012	mg/kg	J+	s	Surrogate %R (BFB)	135	79-120	%
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	67-66-3	Chloroform	0.019		0.00061	0.0012	mg/kg	J+	s	Surrogate %R (BFB)	135	79-120	%
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	108-86-1	Bromobenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00061	0.0012	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	71-43-2	Benzene	0.016		0.00061	0.0012	mg/kg	J+	s	Surrogate %R (BFB)	135	79-120	%
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0012	0.0061	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0012	0.012	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	91-20-3	Naphthalene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00061	0.0012	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	99-87-6	p-Cymene		U*	0.00061	0.0012	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00061	0.0012	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0024	0.0061	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401792801	RIDB-2-60.0-20170309	3/9/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00061	0.0012	mg/kg	UJ	i	IS area (1,4-DCB-d4)	104594	206748-826992	area
4401794191	RIDB-15-1.0-20170310	3/10/2017	8260B	1634-04-4	Methyl tert-butyl ether	0.0014	J	0.0010	0.0021	mg/kg	J	sp	< PQL			
4401794191	RIDB-15-30.0-20170310	3/10/2017	8260B	56-23-5	Carbon Tetrachloride	0.0022	J	0.00072	0.0029	mg/kg	J	sp	< PQL			
4401794191	RIDB-15-30.0-20170310	3/10/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.00088	J	0.00072	0.0014	mg/kg	J	sp	< PQL			
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0032	0.0080	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00080	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	67-66-3	Chloroform	0.0012	J	0.00080	0.0016	mg/kg	J+	s,sp	Surrogate %R (BFB); < PQL	133	79-120	%
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	108-86-1	Bromobenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	91-20-3	Naphthalene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00080	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	99-87-6	p-Cymene		U*	0.00080	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0016	0.0080	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0016	0.016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.0020	*	0.00080	0.0016	mg/kg	J+	i,s	IS area (1,4-DCB-d4); Surrogate %R (BFB)	134311; 133	152520-610080; 79-120	area; %
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-40.0-20170310	3/10/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00080	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	134311	152520-610080	area
4401794191	RIDB-3-50.0-20170310	3/10/2017	8260B	75-09-2	Methylene Chloride	0.0090	J	0.0065	0.013	mg/kg	J	sp	< PQL			
4401794561	RI-16-10.0-20170312	3/12/2017	8260B	75-25-2	Bromoform		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.6	20	%
4401794561	RI-16-10.0-20170312	3/12/2017	8260B	79-01-6	Trichloroethene		U	0.00051	0.0010	mg/kg	UJ	c	CCV %D	25.0	20	%
4401794561	RI-16-5.0-20170312	3/12/2017	8260B	67-64-1	Acetone	0.018	J	0.0083	0.021	mg/kg	J	sp	< PQL			
4401794561	RI-16-5.0-20170312	3/12/2017	8260B	79-01-6	Trichloroethene		U	0.00052	0.0010	mg/kg	UJ	c	CCV %D	25.0	20	%
4401794561	RI-16-5.0-20170312	3/12/2017	8260B	75-25-2	Bromoform		U	0.0010	0.0021	mg/kg	UJ	c	CCV %D	21.6	20	%
4401794561	RI-16-5.0-20170312-TB	3/12/2017	8260B	75-25-2	Bromoform		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.6	20	%
4401794561	RI-16-5.0-20170312-TB	3/12/2017	8260B	79-01-6	Trichloroethene		U	0.00050	0.0010	mg/kg	UJ	c	CCV %D	25.0	20	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	99-87-6	p-Cymene		UF2F1	0.00086	0.0017	mg/kg	UJ	m	MS/MSD %R	49	60-140	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	136777-61-2	m,p-xylene		UF2F1	0.0017	0.0034	mg/kg	UJ	m	MS/MSD %R	64	70-130	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	100-41-4	Ethyl Benzene		UF1	0.00086	0.0017	mg/kg	UJ	m	MS/MSD %R	69	70-135	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	104-51-8	n-Butylbenzene		UF2F1	0.0017	0.0034	mg/kg	UJ	m	MS/MSD %R	34	55-145	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		UF2F1	0.0017	0.0034	mg/kg	UJ	m	MS/MSD %R	57	65-140	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	127-18-4	Tetrachloroethene		UF2F1	0.00086	0.0017	mg/kg	UJ	m	MS/MSD %R	60	65-135	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		UF2F1	0.0017	0.0086	mg/kg	UJ	m	MS/MSD %R	19	50-140	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	98-06-6	tert-Butylbenzene		UF2F1	0.0017	0.0034	mg/kg	UJ	m	MS/MSD %R	57	60-140	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	87-68-3	Hexachlorobutadiene		UF2F1	0.0017	0.0034	mg/kg	UJ	m	MS/MSD %R	36	50-145	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		UF2F1	0.0017	0.0034	mg/kg	UJ	m	MS/MSD %R	46	65-135	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	135-98-8	sec-Butylbenzene		UF2F1	0.0017	0.0034	mg/kg	UJ	m	MS/MSD %R	51	60-135	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	75-25-2	Bromoform		U	0.0017	0.0034	mg/kg	UJ	c	CCV %D	21.6	20	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	79-01-6	Trichloroethene		U	0.00086	0.0017	mg/kg	UJ	c	CCV %D	25.0	20	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	98-82-8	Cumene		UF2F1	0.00086	0.0017	mg/kg	UJ	m	MS/MSD %R	55	70-145	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	100-42-5	Styrene		UF2F1	0.00086	0.0017	mg/kg	UJ	m	MS/MSD %R	66	70-140	%
4401794561	RI-16-70.0-20170312	3/12/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		UF2F1	0.0017	0.0034	mg/kg	UJ	m	MS/MSD %R	21	45-145	%
4401794561	RI-16-80.0-20170312	3/12/2017	8260B	79-01-6	Trichloroethene		U	0.00070	0.0014	mg/kg	UJ	c	CCV %D	25.0	20	%
4401794561	RI-16-80.0-20170312	3/12/2017	8260B	75-25-2	Bromoform		U	0.0014	0.0028	mg/kg	UJ	c	CCV %D	21.6	20	%
4401794561	RI-16-80.0-20170312-FD	3/12/2017	8260B	79-01-6	Trichloroethene		U	0.00075	0.0015	mg/kg	UJ	c	CCV %D	25.0	20	%
4401794561	RI-16-80.0-20170312-FD	3/12/2017	8260B	75-25-2	Bromoform		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	21.6	20	%
4401794561	RIDB-15-60.0-20170311	3/11/2017	8260B	56-23-5	Carbon Tetrachloride	0.00085	J	0.00074	0.0030	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-20.0-20170311	3/11/2017	8260B	67-66-3	Chloroform	0.0011	J	0.00062	0.0012	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-30.0-20170311	3/11/2017	8260B	107-06-2	1,2-Dichloroethane	0.0013	J	0.00079	0.0016	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-30.0-20170311	3/11/2017	8260B	75-34-3	1,1-Dichloroethane	0.0010	J	0.00079	0.0016	mg/kg	J	sp	< PQL			
4401794561	RIDB-7-0.5-20170312	3/12/2017	8260B	75-25-2	Bromoform		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.6	20	%
4401794561	RIDB-7-0.5-20170312	3/12/2017	8260B	79-01-6	Trichloroethene		U	0.00051	0.0010	mg/kg	UJ	c	CCV %D	25.0	20	%
4401794561	RIDB-7-0.5-20170312-FD	3/12/2017	8260B	75-25-2	Bromoform		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.6	20	%
4401794561	RIDB-7-0.5-20170312-FD	3/12/2017	8260B	79-01-6	Trichloroethene		U	0.00050	0.0010	mg/kg	UJ	c	CCV %D	25.0	20	%
4401794561	RIDB-7-10.0-20170312	3/12/2017	8260B	79-01-6	Trichloroethene		U	0.00051	0.0010	mg/kg	UJ	c	CCV %D	25.0	20	%
4401794561	RIDB-7-10.0-20170312	3/12/2017	8260B	75-25-2	Bromoform		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.6	20	%
4401794561	RIDB-7-30.0-20170312	3/12/2017	8260B	67-66-3	Chloroform	0.00089	J	0.00088	0.0018	mg/kg	J	sp	< PQL			
4401794561	RIDB-7-5.0-20170312	3/12/2017	8260B	75-25-2	Bromoform		U	0.00097	0.0019	mg/kg	UJ	c	CCV %D	21.6	20	%
4401794561	RIDB-7-5.0-20170312	3/12/2017	8260B	79-01-6	Trichloroethene		U	0.00049	0.00097	mg/kg	UJ	c	CCV %D	25.0	20	%
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0014	0.0029	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0014	0.0029	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	75-09-2	Methylene Chloride	0.0096	J	0.0072	0.014	mg/kg	J	sp	< PQL			
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0014	0.0029	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	96-18-4	1,2,3-Trichloropropane		UF1*	0.0014	0.014	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0014	0.0029	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	99-87-6	p-Cymene		U*	0.00072	0.0014	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		UF1*	0.0029	0.0072	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		UF1*	0.0014	0.0029	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	91-20-3	Naphthalene		UF1*	0.0014	0.0029	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	108-86-1	Bromobenzene		UF1*	0.0014	0.0029	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00072	0.0014	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0014	0.0029	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0014	0.0029	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0014	0.0029	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0014	0.0029	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00072	0.0014	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		UF1*	0.0014	0.0072	mg/kg	UJ	i,m	IS area (1,4-DCB-d4); MS/MSD %R	170655; -,49	206748-826992; 50-140	area; %
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00072	0.0014	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	95-50-1	1,2-Dichlorobenzene		UF1*	0.00072	0.0014	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-50.0-20170312	3/12/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0014	0.0029	mg/kg	UJ	i	IS area (1,4-DCB-d4)	170655	206748-826992	area
4401794561	RIDB-7-70.0-20170312	3/12/2017	8260B	107-06-2	1,2-Dichloroethane	0.00084	J	0.00061	0.0012	mg/kg	J	sp	< PQL			
4401794561	RIDB-7-70.0-20170312	3/12/2017	8260B	75-34-3	1,1-Dichloroethane	0.00061	J	0.00061	0.0012	mg/kg	J	sp	< PQL			
4401795651	RI-16-100.0-20170313	3/13/2017	8260B	78-93-3	2-Butanone		U	0.0069	0.014	mg/kg	UJ	c	CCV %D	22.3	20	%
4401795651	RI-16-100.0-20170313	3/13/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0014	0.0027	mg/kg	UJ	c	CCV %D	22.1	20	%
4401795651	RI-16-110.0-20170313	3/13/2017	8260B	78-93-3	2-Butanone		U	0.0076	0.015	mg/kg	UJ	c	CCV %D	22.3	20	%
4401795651	RI-16-110.0-20170313	3/13/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	22.1	20	%
4401795651	RI-16-120.0-20170313	3/13/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	22.1	20	%
4401795651	RI-16-120.0-20170313	3/13/2017	8260B	78-93-3	2-Butanone		U	0.0076	0.015	mg/kg	UJ	c	CCV %D	22.3	20	%
4401795651	RI-16-130.0-20170313	3/13/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0016	0.0033	mg/kg	UJ	c	CCV %D	22.1	20	%
4401795651	RI-16-130.0-20170313	3/13/2017	8260B	78-93-3	2-Butanone		U	0.0082	0.016	mg/kg	UJ	c	CCV %D	22.3	20	%
4401795651	RI-16-90.0-20170313	3/13/2017	8260B	78-93-3	2-Butanone		U	0.0072	0.014	mg/kg	UJ	c	CCV %D	22.3	20	%
4401795651	RI-16-90.0-20170313	3/13/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0014	0.0029	mg/kg	UJ	c	CCV %D	22.1	20	%
4401795651	RI-16-90.0-20170313-TB	3/13/2017	8260B	78-93-3	2-Butanone		U	0.0050	0.010	mg/kg	UJ	c	CCV %D	22.3	20	%
4401795651	RI-16-90.0-20170313-TB	3/13/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	22.1	20	%
4401796371	RIDB-18-30.0-20170314-FD	3/14/2017	8260B	87-68-3	Hexachlorobutadiene	0.0034	J	0.0018	0.0036	mg/kg	J	sp	< PQL			
4401796371	RIDB-18-40.0-20170314	3/14/2017	8260B	56-23-5	Carbon Tetrachloride	0.0012	J	0.00064	0.0026	mg/kg	J	sp	< PQL			
4401796371	RIDB-18-40.0-20170314	3/14/2017	8260B	127-18-4	Tetrachloroethene	0.0012	J	0.00064	0.0013	mg/kg	J	sp	< PQL			
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00081	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00081	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00081	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0032	0.0081	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00081	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	91-20-3	Naphthalene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	99-87-6	p-Cymene		U*	0.00081	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	108-86-1	Bromobenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0016	0.0081	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0016	0.0032	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0016	0.016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	140827	146615-586458	area

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401796371	RIDB-18-60.0-20170314	3/14/2017	8260B	67-66-3	Chloroform	0.085		0.00081	0.0016	mg/kg	J+	s	Surrogate %R (BFB)	124	79-120	%
4401797421	RIDB-18-70.0-20170314	3/14/2017	8260B	1634-04-4	Methyl tert-butyl ether	0.0012	J	0.0011	0.0022	mg/kg	J	sp	< PQL			
4401801011	RIDB-19-20.0-20170320	3/20/2017	8260B	67-66-3	Chloroform	0.00064	J	0.00052	0.0010	mg/kg	J	sp	< PQL			
4401801931	RIDB-11-20.0-20170320	3/20/2017	8260B	75-00-3	Chloroethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	26.2	20	%
4401801931	RIDB-11-20.0-20170320	3/20/2017	8260B	74-83-9	Bromomethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	22.1	20	%
4401801931	RIDB-11-20.0-20170320-TB	3/20/2017	8260B	74-83-9	Bromomethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	22.1	20	%
4401801931	RIDB-11-20.0-20170320-TB	3/20/2017	8260B	75-00-3	Chloroethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	26.2	20	%
4401801931	RIDB-11-40.0-20170321	3/21/2017	8260B	75-00-3	Chloroethane		U	0.0016	0.0031	mg/kg	UJ	c	CCV %D	26.2	20	%
4401801931	RIDB-11-40.0-20170321	3/21/2017	8260B	74-83-9	Bromomethane		U	0.0016	0.0031	mg/kg	UJ	c	CCV %D	22.1	20	%
4401801931	RIDB-19-40.0-20170321	3/21/2017	8260B	56-23-5	Carbon Tetrachloride	0.0018	J	0.00070	0.0028	mg/kg	J	sp	< PQL			
4401801931	RIDB-19-60.0-20170321	3/21/2017	8260B	67-66-3	Chloroform	0.0028		0.00076	0.0015	mg/kg	J	fd	FD RPD	55	50	%
4401801931	RIDB-19-60.0-20170321-FD	3/21/2017	8260B	67-66-3	Chloroform	0.0016		0.00074	0.0015	mg/kg	J	fd	FD RPD	55	50	%
4401803311	RIDB-12-10.0-20170322	3/22/2017	8260B	74-83-9	Bromomethane		U	0.00097	0.0019	mg/kg	UJ	c	CCV %D	21.0	20	%
4401803311	RIDB-12-10.0-20170322	3/22/2017	8260B	75-00-3	Chloroethane		U	0.00097	0.0019	mg/kg	UJ	c	CCV %D	24.9	20	%
4401803311	RIDB-12-20.0-20170322	3/22/2017	8260B	74-83-9	Bromomethane		U	0.00099	0.0020	mg/kg	UJ	c	CCV %D	21.0	20	%
4401803311	RIDB-12-20.0-20170322	3/22/2017	8260B	75-00-3	Chloroethane		U	0.00099	0.0020	mg/kg	UJ	c	CCV %D	24.9	20	%
4401803311	RIDB-12-30.0-20170322	3/22/2017	8260B	74-83-9	Bromomethane		U	0.0016	0.0031	mg/kg	UJ	c	CCV %D	21.0	20	%
4401803311	RIDB-12-30.0-20170322	3/22/2017	8260B	75-00-3	Chloroethane		U	0.0016	0.0031	mg/kg	UJ	c	CCV %D	24.9	20	%
4401803311	RIDB-12-70.0-20170322	3/22/2017	8260B	75-00-3	Chloroethane		U	0.0012	0.0025	mg/kg	UJ	c	CCV %D	24.9	20	%
4401803311	RIDB-12-70.0-20170322	3/22/2017	8260B	74-83-9	Bromomethane		U	0.0012	0.0025	mg/kg	UJ	c	CCV %D	21.0	20	%
4401803311	RIDB-27-10.0-20170321	3/21/2017	8260B	75-00-3	Chloroethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	24.9	20	%
4401803311	RIDB-27-10.0-20170321	3/21/2017	8260B	74-83-9	Bromomethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.0	20	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8260B	541-73-1	1,3-Dichlorobenzene	0.00066	J	0.00056	0.0011	mg/kg	J	sp	< PQL			
4401803311	RIDB-27-40.0-20170322	3/22/2017	8260B	56-23-5	Carbon Tetrachloride	0.0014	J	0.00082	0.0033	mg/kg	J	sp	< PQL			
4401803311	RIDB-27-5.0-20170321	3/21/2017	8260B	74-83-9	Bromomethane		U	0.00067	0.0013	mg/kg	UJ	c	CCV %D	21.0	20	%
4401803311	RIDB-27-5.0-20170321	3/21/2017	8260B	75-00-3	Chloroethane		U	0.00067	0.0013	mg/kg	UJ	c	CCV %D	24.9	20	%
4401803311	RIDB-27-60.0-20170322	3/22/2017	8260B	74-83-9	Bromomethane		U	0.0016	0.0032	mg/kg	UJ	c	CCV %D	29.6	20	%
4401803311	RIDB-27-60.0-20170322	3/22/2017	8260B	75-00-3	Chloroethane		U	0.0016	0.0032	mg/kg	UJ	c	CCV %D	26.4	20	%
4401804391	RIDB-25-10.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.00095	0.0019	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-25-10.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.00095	0.0019	mg/kg	UJ	c	CCV %D	26.4	20	%
4401804391	RIDB-25-20.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	26.4	20	%
4401804391	RIDB-25-20.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-25-30.0-20170323	3/23/2017	8260B	127-18-4	Tetrachloroethene	0.0011	J	0.00075	0.0015	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-30.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-25-30.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	26.4	20	%
4401804391	RIDB-25-30.0-20170323	3/23/2017	8260B	56-23-5	Carbon Tetrachloride	0.00076	J	0.00075	0.0030	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-40.0-20170323	3/23/2017	8260B	75-27-4	Bromodichloromethane	0.00084	J	0.00074	0.0015	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-40.0-20170323	3/23/2017	8260B	56-23-5	Carbon Tetrachloride	0.00097	J	0.00074	0.0030	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-5.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-25-5.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	26.4	20	%
4401804391	RIDB-25-60.0-20170323	3/23/2017	8260B	67-66-3	Chloroform	0.0014	J	0.00093	0.0019	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-60.0-20170323-FD	3/23/2017	8260B	67-66-3	Chloroform	0.0015	J	0.00094	0.0019	mg/kg	J	sp	< PQL			
4401804391	RIDB-28-1.0-20170322	3/22/2017	8260B	75-00-3	Chloroethane		U	0.00099	0.0020	mg/kg	UJ	c	CCV %D	26.4	20	%
4401804391	RIDB-28-1.0-20170322	3/22/2017	8260B	74-83-9	Bromomethane		U	0.00099	0.0020	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-28-1.0-20170322-TB	3/22/2017	8260B	75-00-3	Chloroethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	26.4	20	%
4401804391	RIDB-28-1.0-20170322-TB	3/22/2017	8260B	74-83-9	Bromomethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-28-10.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	26.4	20	%
4401804391	RIDB-28-10.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-28-10.0-20170323-FD	3/23/2017	8260B	75-00-3	Chloroethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	26.4	20	%
4401804391	RIDB-28-10.0-20170323-FD	3/23/2017	8260B	74-83-9	Bromomethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-28-20.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	26.4	20	%
4401804391	RIDB-28-20.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-28-30.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.00098	0.0020	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-28-30.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.00098	0.0020	mg/kg	UJ	c	CCV %D	26.4	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401804391	RIDB-28-5.0-20170322	3/22/2017	8260B	75-00-3	Chloroethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	26.4	20	%
4401804391	RIDB-28-5.0-20170322	3/22/2017	8260B	74-83-9	Bromomethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-28-50.0-20170323	3/23/2017	8260B	56-23-5	Carbon Tetrachloride	0.0020	J	0.00077	0.0031	mg/kg	J	sp	< PQL			
4401804391	RIDB-28-70.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.0016	0.0032	mg/kg	UJ	c	CCV %D	26.4	20	%
4401804391	RIDB-28-70.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.0016	0.0032	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0017	0.0035	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	108-86-1	Bromobenzene		U*	0.0017	0.0035	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	67-66-3	Chloroform	0.0020		0.00086	0.0017	mg/kg	J+	s	Surrogate %R (BFB)	158	79-120	%
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0035	0.0086	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0017	0.0086	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00086	0.0017	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0017	0.017	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0017	0.0035	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0017	0.0035	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0017	0.0035	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0017	0.0035	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00086	0.0017	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00086	0.0017	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0017	0.0035	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00086	0.0017	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0017	0.0035	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0017	0.0035	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	99-87-6	p-Cymene		U*	0.00086	0.0017	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0017	0.0035	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	91-20-3	Naphthalene		U*	0.0017	0.0035	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-80.0-20170323	3/23/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0017	0.0035	mg/kg	R	i	IS area (1,4-DCB-d4)	63060	167900-671600	area
4401804391	RIDB-28-90.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	29.6	20	%
4401804391	RIDB-28-90.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	26.4	20	%
4401805931	RIDB-24-1.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.00097	0.0019	mg/kg	UJ	c	CCV %D	21.0	20	%
4401805931	RIDB-24-1.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.00097	0.0019	mg/kg	UJ	c	CCV %D	24.9	20	%
4401805931	RIDB-24-1.0-20170323-TB	3/23/2017	8260B	74-83-9	Bromomethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.0	20	%
4401805931	RIDB-24-1.0-20170323-TB	3/23/2017	8260B	75-00-3	Chloroethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	24.9	20	%
4401805931	RIDB-24-10.0-20170324	3/24/2017	8260B	75-00-3	Chloroethane		U	0.00099	0.0020	mg/kg	UJ	c	CCV %D	24.9	20	%
4401805931	RIDB-24-10.0-20170324	3/24/2017	8260B	74-83-9	Bromomethane		U	0.00099	0.0020	mg/kg	UJ	c	CCV %D	21.0	20	%
4401805931	RIDB-24-20.0-20170324	3/24/2017	8260B	74-83-9	Bromomethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	21.0	20	%
4401805931	RIDB-24-20.0-20170324	3/24/2017	8260B	75-00-3	Chloroethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	24.9	20	%
4401805931	RIDB-24-30.0-20170324	3/24/2017	8260B	56-23-5	Carbon Tetrachloride	0.00084	J	0.00051	0.0020	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-30.0-20170324	3/24/2017	8260B	75-00-3	Chloroethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	24.9	20	%
4401805931	RIDB-24-30.0-20170324	3/24/2017	8260B	74-83-9	Bromomethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.0	20	%
4401805931	RIDB-24-30.0-20170324	3/24/2017	8260B	127-18-4	Tetrachloroethene	0.00086	J	0.00051	0.0010	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-40.0-20170324	3/24/2017	8260B	75-27-4	Bromodichloromethane	0.0011	J	0.00075	0.0015	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-5.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	21.0	20	%
4401805931	RIDB-24-5.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	24.9	20	%
4401805931	RIDB-24-50.0-20170324	3/24/2017	8260B	67-66-3	Chloroform	0.00097	J	0.00077	0.0015	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-70.0-20170324	3/24/2017	8260B	74-83-9	Bromomethane		U	0.0017	0.0034	mg/kg	UJ	c	CCV %D	21.0	20	%
4401805931	RIDB-24-70.0-20170324	3/24/2017	8260B	75-00-3	Chloroethane		U	0.0017	0.0034	mg/kg	UJ	c	CCV %D	24.9	20	%
4401805931	RIDB-24-70.0-20170324-FD	3/24/2017	8260B	75-00-3	Chloroethane		U	0.0017	0.0034	mg/kg	UJ	c	CCV %D	24.9	20	%
4401805931	RIDB-24-70.0-20170324-FD	3/24/2017	8260B	74-83-9	Bromomethane		U	0.0017	0.0034	mg/kg	UJ	c	CCV %D	21.0	20	%
4401805931	RIDB-24-80.0-20170324	3/24/2017	8260B	74-83-9	Bromomethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	21.0	20	%
4401805931	RIDB-24-80.0-20170324	3/24/2017	8260B	75-00-3	Chloroethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	24.9	20	%
4401805931	RIDB-26-1.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	24.9	20	%
4401805931	RIDB-26-1.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.0	20	%
4401805931	RIDB-26-10.0-20170324	3/24/2017	8260B	74-83-9	Bromomethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	21.0	20	%
4401805931	RIDB-26-10.0-20170324	3/24/2017	8260B	75-00-3	Chloroethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	24.9	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401805931	RIDB-26-20.0-20170324	3/24/2017	8260B	87-68-3	Hexachlorobutadiene	0.0013	J	0.0011	0.0021	mg/kg	J	sp	< PQL			
4401805931	RIDB-26-30.0-20170324	3/24/2017	8260B	127-18-4	Tetrachloroethene	0.0010	J	0.00076	0.0015	mg/kg	J	sp	< PQL			
4401805931	RIDB-26-30.0-20170324	3/24/2017	8260B	87-68-3	Hexachlorobutadiene	0.0026	J	0.0015	0.0030	mg/kg	J	sp	< PQL			
4401805931	RIDB-26-30.0-20170324	3/24/2017	8260B	120-82-1	1,2,4-Trichlorobenzene	0.0022	J	0.0015	0.0076	mg/kg	J	sp	< PQL			
4401805931	RIDB-26-30.0-20170324	3/24/2017	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0016	J	0.0015	0.0030	mg/kg	J	sp	< PQL			
4401805931	RIDB-26-40.0-20170324	3/24/2017	8260B	127-18-4	Tetrachloroethene	0.00096	J	0.00073	0.0015	mg/kg	J	sp	< PQL			
4401805931	RIDB-26-5.0-20170323	3/23/2017	8260B	75-00-3	Chloroethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	24.9	20	%
4401805931	RIDB-26-5.0-20170323	3/23/2017	8260B	74-83-9	Bromomethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	21.0	20	%
4401805931	RIDB-26-50.0-20170324	3/24/2017	8260B	67-66-3	Chloroform	0.0012	J	0.00073	0.0015	mg/kg	J	sp	< PQL			
4401806961	RIDB-22-20.0-20170327	3/27/2017	8260B	87-68-3	Hexachlorobutadiene	0.0016	J	0.0011	0.0022	mg/kg	J	sp	< PQL			
4401806961	RIDB-22-30.0-20170327	3/27/2017	8260B	127-18-4	Tetrachloroethene	0.0013	J	0.00074	0.0015	mg/kg	J	sp	< PQL			
4401808191	RIDB-21-1.0-20170328	3/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.00095	0.0019	mg/kg	UJ	c	ICV %D	26.5	20	%
4401808191	RIDB-21-10.0-20170328	3/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	26.5	20	%
4401808191	RIDB-21-10.0-20170328	3/28/2017	8260B	87-68-3	Hexachlorobutadiene	0.0013	J	0.0011	0.0022	mg/kg	J	sp	< PQL			
4401808191	RIDB-21-20.0-20170328	3/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0025	mg/kg	UJ	c	ICV %D	26.5	20	%
4401808191	RIDB-21-30.0-20170328	3/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	26.5	20	%
4401808191	RIDB-21-40.0-20170328	3/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	26.5	20	%
4401808191	RIDB-21-40.0-20170328	3/28/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		UF2F1	0.0014	0.0072	mg/kg	UJ	m	MS/MSD %R	41	50-140	%
4401808191	RIDB-21-40.0-20170328	3/28/2017	8260B	124-48-1	Dibromochloromethane	0.00072	J	0.00072	0.0014	mg/kg	J	sp	< PQL			
4401808191	RIDB-21-40.0-20170328	3/28/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		UF2F1	0.0014	0.0029	mg/kg	UJ	m	MS/MSD %R	41	45-145	%
4401808191	RIDB-21-40.0-20170328	3/28/2017	8260B	75-27-4	Bromodichloromethane	0.0010	J	0.00072	0.0014	mg/kg	J	sp	< PQL			
4401808191	RIDB-21-5.0-20170328	3/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.00092	0.0018	mg/kg	UJ	c	ICV %D	26.5	20	%
4401808191	RIDB-21-50.0-20170328	3/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	26.5	20	%
4401808191	RIDB-21-50.0-20170328-FD	3/28/2017	8260B	56-23-5	Carbon Tetrachloride	0.0022	J	0.00090	0.0036	mg/kg	J	sp	< PQL			
4401808191	RIDB-22-60.0-20170327	3/27/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	26.5	20	%
4401808191	RIDB-22-70.0-20170327	3/27/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0033	mg/kg	UJ	c	ICV %D	26.5	20	%
4401808191	RIDB-22-80.0-20170327	3/27/2017	8260B	67-66-3	Chloroform	0.00098	J	0.00066	0.0013	mg/kg	J	sp	< PQL			
4401808191	RIDB-22-80.0-20170327	3/27/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	26.5	20	%
4401808191	RIDB-22-90.0-20170327	3/27/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0025	mg/kg	UJ	c	ICV %D	26.5	20	%
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0033	0.0082	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	99-87-6	p-Cymene		U*	0.00082	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0016	0.016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0016	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0016	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	91-20-3	Naphthalene		U*	0.0016	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0016	0.0033	mg/kg	UJ	c,i	CCV %D; IS area (1,4-DCB-d4)	22.2; 143211	20; 143891-575564	%; area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0016	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0016	0.0082	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0016	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0016	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0016	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0016	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00082	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0016	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00082	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00082	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00082	0.0016	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	108-86-1	Bromobenzene		U*	0.0016	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-30.0-20170404	4/4/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0016	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	143211	143891-575564	area
4401812971	RIDB-23-40.0-20170404	4/4/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0014	0.0028	mg/kg	UJ	c	CCV %D	21.4	20	%
4401812971	RIDB-23-50.0-20170404	4/4/2017	8260B	56-23-5	Carbon Tetrachloride	0.0016	J	0.00064	0.0026	mg/kg	J	sp	< PQL			
4401812971	RIDB-23-50.0-20170404	4/4/2017	8260B	124-48-1	Dibromochloromethane	0.0011	J	0.00064	0.0013	mg/kg	J	sp	< PQL			
4401812971	RIDB-23-60.0-20170404	4/4/2017	8260B	56-23-5	Carbon Tetrachloride	0.0016	J	0.00087	0.0035	mg/kg	J	sp	< PQL			
4401812971	RIDB-23-60.0-20170404	4/4/2017	8260B	75-27-4	Bromodichloromethane	0.0013	J	0.00087	0.0017	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401812971	RIDB-23-60.0-20170404-FD	4/4/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0016	0.0032	mg/kg	UJ	c	CCV %D	22.2	20	%
4401812971	RIDB-23-60.0-20170404-FD	4/4/2017	8260B	75-27-4	Bromodichloromethane	0.0012	J	0.00080	0.0016	mg/kg	J	sp	< PQL			
4401812971	RIDB-23-60.0-20170404-FD	4/4/2017	8260B	56-23-5	Carbon Tetrachloride	0.0015	J	0.00080	0.0032	mg/kg	J	sp	< PQL			
4401812971	RIDB-23-70.0-20170404-EB	4/4/2017	8260B	75-65-0	tert Butyl alcohol	6.3	J	5.0	10	ug/l	J	sp	< PQL			
4401812971	RIDB-23-80.0-20170404	4/4/2017	8260B	67-66-3	Chloroform	0.0013	J	0.00069	0.0014	mg/kg	J	sp	< PQL			
4401814201	RI-5-10.0-20170405	4/5/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0013	0.0027	mg/kg	UJ	c	CCV %D	21.4	20	%
4401814201	RI-5-20.0-20170405	4/5/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	21.4	20	%
4401814201	RI-5-20.0-20170405	4/5/2017	8260B	79-01-6	Trichloroethene	0.00079	J	0.00075	0.0015	mg/kg	J	sp	< PQL			
4401814201	RI-5-30.0-20170405	4/5/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0014	0.0028	mg/kg	UJ	c	CCV %D	21.4	20	%
4401814201	RI-5-40.0-20170405	4/5/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0013	0.0026	mg/kg	UJ	c	CCV %D	21.4	20	%
4401814201	RI-5-40.0-20170405-FD	4/5/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0015	0.0031	mg/kg	UJ	c	CCV %D	21.4	20	%
4401814201	RI-5-5.0-20170404	4/4/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.00098	0.0020	mg/kg	UJ	c	CCV %D	21.4	20	%
4401814201	RI-5-5.0-20170404-TB	4/4/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.4	20	%
4401814201	RI-5-50.0-20170405	4/5/2017	8260B	79-01-6	Trichloroethene	0.00082	J	0.00079	0.0016	mg/kg	J	sp	< PQL			
4401814201	RI-5-50.0-20170405	4/5/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		UF1	0.0016	0.0031	mg/kg	UJ	c,m	CCV %D; MS/MSD %R	21.4; 30,37	20; 45-145	%
4401814201	RI-5-50.0-20170405	4/5/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		UF1	0.0016	0.0079	mg/kg	UJ	m	MS/MSD %R	31,39	50-140	%
4401814201	RI-5-60.0-20170405	4/5/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0016	0.0032	mg/kg	UJ	c	CCV %D	21.4	20	%
4401814201	RI-5-60.0-20170405-EB	4/5/2017	8260B	75-09-2	Methylene Chloride	0.99	J	0.88	2.0	ug/l	J	bt,sp	TB contamination; < PQL	1.3	2.6	ug/l
4401814201	RI-5-60.0-20170405-EBTB	4/5/2017	8260B	75-09-2	Methylene Chloride	1.3	J	0.88	2.0	ug/l	J	sp	< PQL			
4401814201	RI-5-70.0-20170405	4/5/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0015	0.0031	mg/kg	UJ	c	CCV %D	21.4	20	%
4401815651	RI-5-100.0-20170406	4/6/2017	8260B	71-43-2	Benzene		U	0.00096	0.0019	mg/kg	UJ	c	CCV %D	22.9	20	%
4401815651	RI-5-100.0-20170406	4/6/2017	8260B	79-01-6	Trichloroethene		U	0.00096	0.0019	mg/kg	UJ	c	CCV %D	23.4	20	%
4401815651	RI-5-100.0-20170406	4/6/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0019	0.0038	mg/kg	UJ	c	CCV %D	25.7	20	%
4401815651	RI-5-100.0-20170406	4/6/2017	8260B	67-64-1	Acetone		U	0.015	0.038	mg/kg	UJ	c	CCV %D	35.6	20	%
4401815651	RI-5-100.0-20170406	4/6/2017	8260B	637-92-3	Ethyl tert-butyl ether		U	0.0019	0.0038	mg/kg	UJ	c	CCV %D	20.3	20	%
4401815651	RI-5-100.0-20170406	4/6/2017	8260B	1634-04-4	Methyl tert-butyl ether		U	0.0019	0.0038	mg/kg	UJ	c	CCV %D	23.5	20	%
4401815651	RI-5-100.0-20170406	4/6/2017	8260B	75-09-2	Methylene Chloride		U	0.0096	0.019	mg/kg	UJ	c	CCV %D	22.2	20	%
4401815651	RI-5-80.0-20170406	4/6/2017	8260B	67-66-3	Chloroform	0.0034		0.0012	0.0024	mg/kg	J+	s	Surrogate %R (BFB)	122	79-120	%
4401815651	RI-5-80.0-20170406-TB	4/6/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	25.7	20	%
4401815651	RI-5-80.0-20170406-TB	4/6/2017	8260B	1634-04-4	Methyl tert-butyl ether		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	23.5	20	%
4401815651	RI-5-80.0-20170406-TB	4/6/2017	8260B	71-43-2	Benzene		U	0.00050	0.0010	mg/kg	UJ	c	CCV %D	22.9	20	%
4401815651	RI-5-80.0-20170406-TB	4/6/2017	8260B	637-92-3	Ethyl tert-butyl ether		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	20.3	20	%
4401815651	RI-5-80.0-20170406-TB	4/6/2017	8260B	79-01-6	Trichloroethene		U	0.00050	0.0010	mg/kg	UJ	c	CCV %D	23.4	20	%
4401815651	RI-5-80.0-20170406-TB	4/6/2017	8260B	67-64-1	Acetone		U	0.0080	0.020	mg/kg	UJ	c	CCV %D	35.6	20	%
4401815651	RI-5-80.0-20170406-TB	4/6/2017	8260B	75-09-2	Methylene Chloride		U	0.0050	0.010	mg/kg	UJ	c	CCV %D	22.2	20	%
4401815651	RI-5-90.0-20170406	4/6/2017	8260B	637-92-3	Ethyl tert-butyl ether		U	0.0017	0.0033	mg/kg	UJ	c	CCV %D	20.3	20	%
4401815651	RI-5-90.0-20170406	4/6/2017	8260B	1634-04-4	Methyl tert-butyl ether		U	0.0017	0.0033	mg/kg	UJ	c	CCV %D	23.5	20	%
4401815651	RI-5-90.0-20170406	4/6/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0017	0.0033	mg/kg	UJ	c	CCV %D	25.7	20	%
4401815651	RI-5-90.0-20170406	4/6/2017	8260B	79-01-6	Trichloroethene		U	0.00083	0.0017	mg/kg	UJ	c	CCV %D	23.4	20	%
4401815651	RI-5-90.0-20170406	4/6/2017	8260B	67-64-1	Acetone		U	0.013	0.033	mg/kg	UJ	c	CCV %D	35.6	20	%
4401815651	RI-5-90.0-20170406	4/6/2017	8260B	71-43-2	Benzene		U	0.00083	0.0017	mg/kg	UJ	c	CCV %D	22.9	20	%
4401815651	RI-5-90.0-20170406	4/6/2017	8260B	75-09-2	Methylene Chloride		U	0.0083	0.017	mg/kg	UJ	c	CCV %D	22.2	20	%
4401816611	RI-5-105.0-20170406	4/6/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0013	0.0026	mg/kg	UJ	c	CCV %D	21.7	20	%
4401816611	RI-5-105.0-20170406-TB	4/6/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.7	20	%
4401816611	RI-5-110.0-20170406	4/6/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0016	0.0031	mg/kg	UJ	c	CCV %D	21.7	20	%
4401816611	RI-5-115.0-20170406	4/6/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0015	0.0029	mg/kg	UJ	c	CCV %D	21.7	20	%
4401816611	RI-5-120.0-20170407	4/7/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	21.7	20	%
4401816611	RI-5-120.0-20170407-FD	4/7/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0016	0.0032	mg/kg	UJ	c	CCV %D	21.7	20	%
4401816611	RI-5-125.0-20170407	4/7/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0013	0.0026	mg/kg	UJ	c	CCV %D	21.7	20	%
4401816611	RI-5-130.0-20170407	4/7/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0012	0.0024	mg/kg	UJ	c	CCV %D	21.7	20	%
4401817161	RI-7-110.0-20170409	4/9/2017	8260B	75-09-2	Methylene Chloride		U	0.0082	0.016	mg/kg	UJ	c	CCV %D	22.5	20	%
4401817161	RI-7-110.0-20170409	4/9/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	23.4	20	%
4401817161	RI-7-120.0-20170409	4/9/2017	8260B	75-09-2	Methylene Chloride		U	0.0075	0.015	mg/kg	UJ	c	CCV %D	22.5	20	%
4401817161	RI-7-120.0-20170409	4/9/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	23.4	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401817161	RI-7-30.0-20170408	4/8/2017	8260B	75-35-4	1,1-Dichloroethene	0.0011	J	0.00082	0.0033	mg/kg	J	sp	< PQL			
4401817161	RI-7-40.0-20170408	4/8/2017	8260B	75-35-4	1,1-Dichloroethene	0.0020	J	0.00080	0.0032	mg/kg	J	sp	< PQL			
4401817161	RI-7-50.0-20170408	4/8/2017	8260B	75-35-4	1,1-Dichloroethene	0.00085	J	0.00071	0.0029	mg/kg	J+	s,sp	Surrogate %R (DBFM); < PQL	125	60-120	%
4401817161	RI-7-50.0-20170408	4/8/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	23.4	20	%
4401817161	RI-7-50.0-20170408	4/8/2017	8260B	75-09-2	Methylene Chloride		U	0.0071	0.014	mg/kg	UJ	c	CCV %D	22.5	20	%
4401817161	RI-7-50.0-20170408	4/8/2017	8260B	67-66-3	Chloroform	0.036		0.00071	0.0014	mg/kg	J+	s	Surrogate %R (DBFM)	125	60-120	%
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	99-87-6	p-Cymene		U*	0.00084	0.0017	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	75-09-2	Methylene Chloride		U	0.0084	0.017	mg/kg	UJ	c	CCV %D	22.5	20	%
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0017	0.017	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	67-66-3	Chloroform	0.081		0.00084	0.0017	mg/kg	J+	s	Surrogate %R (DBFM)	125	60-120	%
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	108-86-1	Bromobenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	91-20-3	Naphthalene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0017	0.0084	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00084	0.0017	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0033	mg/kg	UJ	c	ICV %D	23.4	20	%
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00084	0.0017	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00084	0.0017	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0033	0.0084	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	56-23-5	Carbon Tetrachloride	0.0013	J	0.00084	0.0033	mg/kg	J+	s,sp	Surrogate %R (DBFM); < PQL	125	60-120	%
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00084	0.0017	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-60.0-20170408	4/8/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0017	0.0033	mg/kg	UJ	i	IS area (1,4-DCB-d4)	158724	160972-643886	area
4401817161	RI-7-90.0-20170409	4/9/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0019	0.0039	mg/kg	UJ	c	ICV %D	23.4	20	%
4401817161	RI-7-90.0-20170409	4/9/2017	8260B	75-09-2	Methylene Chloride		U	0.0097	0.019	mg/kg	UJ	c	CCV %D	22.5	20	%
4401817161	RI-7-95.0-20170409	4/9/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	23.4	20	%
4401817161	RI-7-95.0-20170409	4/9/2017	8260B	75-09-2	Methylene Chloride		U	0.0068	0.014	mg/kg	UJ	c	CCV %D	22.5	20	%
4401817221	RI-10-10.0-20170409	4/9/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-10-5.0-20170409	4/9/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.00099	0.0020	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-10.0-20170408	4/8/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-10.0-20170408-TB	4/8/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-100.0-20170409	4/9/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-110.0-20170409	4/9/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0020	0.0040	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-110.0-20170409-FD	4/9/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0021	0.0041	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-120.0-20170409	4/9/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-130.0-20170409	4/9/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0013	0.0026	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-20.0-20170408	4/8/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0012	0.0024	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-30.0-20170408	4/8/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0013	0.0027	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-30.0-20170408	4/8/2017	8260B	79-01-6	Trichloroethene	0.0012	J	0.00067	0.0013	mg/kg	J	sp	< PQL			
4401817221	RI-9-40.0-20170408	4/8/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	23.4	20	%
4401817221	RI-9-40.0-20170408	4/8/2017	8260B	75-09-2	Methylene Chloride		U	0.0082	0.016	mg/kg	UJ	c	CCV %D	22.5	20	%
4401817221	RI-9-40.0-20170408	4/8/2017	8260B	79-01-6	Trichloroethene	0.0014	J	0.00082	0.0016	mg/kg	J+	s,sp	Surrogate %R (DBFM); < PQL	123	60-120	%
4401817221	RI-9-40.0-20170408	4/8/2017	8260B	75-35-4	1,1-Dichloroethene	0.0041		0.00082	0.0033	mg/kg	J+	s	Surrogate %R (DBFM)	123	60-120	%
4401817221	RI-9-40.0-20170408	4/8/2017	8260B	67-66-3	Chloroform	0.0086		0.00082	0.0016	mg/kg	J+	s	Surrogate %R (DBFM)	123	60-120	%
4401817221	RI-9-50.0-20170408	4/8/2017	8260B	79-01-6	Trichloroethene	0.00077	J	0.00071	0.0014	mg/kg	J	sp	< PQL			
4401817221	RI-9-50.0-20170408	4/8/2017	8260B	56-23-5	Carbon Tetrachloride	0.00099	J	0.00071	0.0029	mg/kg	J	sp	< PQL			
4401817221	RI-9-50.0-20170408	4/8/2017	8260B	75-35-4	1,1-Dichloroethene	0.0027	J	0.00071	0.0029	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401817221	RI-9-50.0-20170408	4/8/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		UF2	0.0014	0.0029	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-50.0-20170408	4/8/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		UF2F1	0.0014	0.0071	mg/kg	UJ	m	MS/MSD %R	43	50-140	%
4401817221	RI-9-60.0-20170408	4/8/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0011	0.0023	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-60.0-20170408	4/8/2017	8260B	75-35-4	1,1-Dichloroethene	0.00062	J	0.00057	0.0023	mg/kg	J	sp	< PQL			
4401817221	RI-9-60.0-20170408	4/8/2017	8260B	56-23-5	Carbon Tetrachloride	0.00057	J	0.00057	0.0023	mg/kg	J	sp	< PQL			
4401817221	RI-9-70.0-20170408	4/8/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0014	0.0029	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-70.0-20170408	4/8/2017	8260B	56-23-5	Carbon Tetrachloride	0.00092	J	0.00071	0.0029	mg/kg	J	sp	< PQL			
4401817221	RI-9-80.0-20170408	4/8/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817221	RI-9-90.0-20170408	4/8/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	22.2	20	%
4401817451	RI-20-100.0-20170410	4/10/2017	8260B	56-23-5	Carbon Tetrachloride	0.00094	J	0.00078	0.0031	mg/kg	J	sp	< PQL			
4401817451	RI-20-100.0-20170410-FD	4/10/2017	8260B	56-23-5	Carbon Tetrachloride	0.00082	J	0.00074	0.0030	mg/kg	J	sp	< PQL			
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0019	0.0038	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	67-66-3	Chloroform	0.0050		0.00095	0.0019	mg/kg	J+	s	Surrogate %R (BFB)	137	79-120	%
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	78-93-3	2-Butanone		U	0.0087	0.017	mg/kg	UJ	c	CCV %D	21.0	20	%
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0019	0.0038	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0019	0.0038	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0038	0.0095	mg/kg	UJ	c,i	CCV %D; IS area (1,4-DCB-d4)	24.4; 80694	20; 132818-531270	%; area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0019	0.0038	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	91-20-3	Naphthalene		U*	0.0019	0.0038	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	108-86-1	Bromobenzene		U*	0.0019	0.0038	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00095	0.0019	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0019	0.0038	mg/kg	UJ	c	ICV %D	23.4	20	%
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00095	0.0019	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00095	0.0019	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0019	0.0038	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0019	0.0095	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0019	0.0038	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	99-87-6	p-Cymene		U*	0.00095	0.0019	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00095	0.0019	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0019	0.0038	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0019	0.019	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0019	0.0038	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0023	J*	0.0019	0.0038	mg/kg	J+	i,s,sp	IS area (1,4-DCB-d4); Surrogate %R (DBFM); < PQL	80694; 127	132818-531270; 60-120	area; %
4401817451	RI-20-110.0-20170410	4/10/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0019	0.0038	mg/kg	UJ	i	IS area (1,4-DCB-d4)	80694	132818-531270	area
4401817451	RI-20-40.0-20170410	4/10/2017	8260B	79-01-6	Trichloroethene	0.00092	J	0.00068	0.0014	mg/kg	J	sp	< PQL			
4401817451	RI-20-50.0-20170410	4/10/2017	8260B	79-01-6	Trichloroethene	0.0011	J	0.00077	0.0015	mg/kg	J	sp	< PQL			
4401817451	RI-20-60.0-20170410	4/10/2017	8260B	79-01-6	Trichloroethene	0.0013	J	0.00072	0.0014	mg/kg	J	sp	< PQL			
4401817451	RI-20-70.0-20170410	4/10/2017	8260B	79-01-6	Trichloroethene	0.00077	J	0.00070	0.0014	mg/kg	J	sp	< PQL			
4401817451	RI-20-80.0-20170410	4/10/2017	8260B	56-23-5	Carbon Tetrachloride	0.0010	J	0.00074	0.0030	mg/kg	J	sp	< PQL			
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0018	0.0036	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0036	0.0091	mg/kg	UJ	c,i	CCV %D; IS area (1,4-DCB-d4)	24.4; 60188	20; 132818-531270	%; area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00091	0.0018	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0018	0.018	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0018	0.0036	mg/kg	UJ	c	ICV %D	23.4	20	%
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	108-86-1	Bromobenzene		U*	0.0018	0.0036	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0018	0.0036	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	91-20-3	Naphthalene		U*	0.0018	0.0036	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00091	0.0018	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	99-87-6	p-Cymene		U*	0.00091	0.0018	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0018	0.0091	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0018	0.0036	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0018	0.0036	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	108-10-1	4-Methyl-2-pentanone		U*	0.0047	0.0093	mg/kg	UJ	i	IS area (Fluorobenzene)	419599	426078-1704310	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0018	0.0036	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	78-93-3	2-Butanone		U*	0.0093	0.019	mg/kg	UJ	c,i	CCV %D; IS area (Fluorobenzene)	21; 419599	20; 426078-1704310	%; area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0018	0.0036	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0018	0.0036	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0018	0.0036	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00091	0.0018	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0018	0.0036	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00091	0.0018	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-20.0-20170410	4/10/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0018	0.0036	mg/kg	UJ	i	IS area (1,4-DCB-d4)	60188	132818-531270	area
4401817491	RI-10-30.0-20170410	4/10/2017	8260B	75-35-4	1,1-Dichloroethene	0.0018	J	0.00064	0.0026	mg/kg	J	sp	< PQL			
4401817491	RI-10-50.0-20170410	4/10/2017	8260B	79-01-6	Trichloroethene	0.00098	J	0.00069	0.0014	mg/kg	J	sp	< PQL			
4401817491	RI-10-60.0-20170410	4/10/2017	8260B	75-35-4	1,1-Dichloroethene	0.0011	J	0.00069	0.0027	mg/kg	J	sp	< PQL			
4401817491	RI-10-70.0-20170410	4/10/2017	8260B	75-35-4	1,1-Dichloroethene	0.0012	J	0.00078	0.0031	mg/kg	J	sp	< PQL			
4401817491	RI-10-70.0-20170410-FD	4/10/2017	8260B	75-35-4	1,1-Dichloroethene	0.0011	J	0.00071	0.0029	mg/kg	J	sp	< PQL			
4401818831	RI-10-115.0-20170410-TB	4/10/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	22.7	20	%
4401818831	RI-10-115.0-20170410-TB	4/10/2017	8260B	67-64-1	Acetone		U	0.0080	0.020	mg/kg	UJ	c	CCV %D	24.9	20	%
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0018	0.0035	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00088	0.0018	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0018	0.0035	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0018	0.0088	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00088	0.0018	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0018	0.0035	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0018	0.018	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0018	0.0035	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00088	0.0018	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0018	0.0035	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0018	0.0035	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0018	0.0035	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00088	0.0018	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	99-87-6	p-Cymene		U*	0.00088	0.0018	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0018	0.0035	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0018	0.0035	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0018	0.0035	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0035	0.0088	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	91-20-3	Naphthalene		U*	0.0018	0.0035	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401818831	RI-10-130.0-20170410	4/10/2017	8260B	108-86-1	Bromobenzene		U*	0.0018	0.0035	mg/kg	UJ	i	IS area (1,4-DCB-d4)	218874	221158-884630	area
4401824941	RI-24-30.0-20170418	4/18/2017	8260B	96-18-4	1,2,3-Trichloropropane	0.0023	J	0.0017	0.017	mg/kg	J	sp	< PQL			
4401824941	RI-24-30.0-20170418	4/18/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.0015	J	0.00085	0.0017	mg/kg	J	sp	< PQL			
4401824941	RI-24-30.0-20170418	4/18/2017	8260B	87-68-3	Hexachlorobutadiene	0.0022	J	0.0017	0.0034	mg/kg	J	sp	< PQL			
4401824941	RI-24-90.0-20170418	4/18/2017	8260B	67-66-3	Chloroform	0.0022		0.00070	0.0014	mg/kg	J	fd	FD RPD	111	50	%
4401824941	RI-24-90.0-20170418-FD	4/18/2017	8260B	67-66-3	Chloroform	0.0077		0.00067	0.0013	mg/kg	J	fd	FD RPD	111	50	%
4401824981	RI-25-30.0-20170418	4/18/2017	8260B	127-18-4	Tetrachloroethene	0.0012	J	0.00080	0.0016	mg/kg	J	sp	< PQL			
4401824981	RI-25-40.0-20170418	4/18/2017	8260B	79-01-6	Trichloroethene	0.00095	J	0.00063	0.0013	mg/kg	J	sp	< PQL			
4401824981	RI-25-5.0-20170417	4/17/2017	8260B	67-66-3	Chloroform	0.00078	J	0.00048	0.00096	mg/kg	J	sp	< PQL			
4401824981	RI-25-5.0-20170417	4/17/2017	8260B	78-93-3	2-Butanone	0.0055	J	0.0048	0.0096	mg/kg	J	sp	< PQL			
4401824981	RI-25-5.0-20170417	4/17/2017	8260B	91-20-3	Naphthalene	0.0018	J	0.00096	0.0019	mg/kg	J	sp	< PQL			
4401824981	RI-25-5.0-20170417	4/17/2017	8260B	136777-61-2	m,p-xylene	0.0017	J	0.00096	0.0019	mg/kg	J	sp	< PQL			
4401824981	RI-25-5.0-20170417	4/17/2017	8260B	95-50-1	1,2-Dichlorobenzene	0.00078	J	0.00048	0.00096	mg/kg	J	sp	< PQL			
4401824981	RI-25-5.0-20170417	4/17/2017	8260B	100-41-4	Ethyl Benzene	0.00049	J	0.00048	0.00096	mg/kg	J	sp	< PQL			
4401824981	RI-25-5.0-20170417	4/17/2017	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0017	J	0.00096	0.0019	mg/kg	J	sp	< PQL			
4401824981	RI-25-5.0-20170417	4/17/2017	8260B	127-18-4	Tetrachloroethene	0.00088	J	0.00048	0.00096	mg/kg	J	sp	< PQL			
4401824981	RI-25-60.0-20170418	4/18/2017	8260B	56-23-5	Carbon Tetrachloride	0.00097	J	0.00071	0.0028	mg/kg	J	sp	< PQL			
4401824981	RI-25-80.0-20170418	4/18/2017	8260B	67-66-3	Chloroform	0.00077	J	0.00054	0.0011	mg/kg	J	sp	< PQL			
4401824981	RI-25-80.0-20170418-FD	4/18/2017	8260B	67-66-3	Chloroform	0.00066	J	0.00051	0.0010	mg/kg	J	sp	< PQL			
4401826011	RI-25-145.0-20170419	4/19/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0033	mg/kg	UJ	c	CCV %D	23.6	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401826011	RI-25-145.0-20170419	4/19/2017	8260B	91-20-3	Naphthalene	0.0016	J	0.0016	0.0033	mg/kg	J	sp	< PQL			
4401826011	RI-25-145.0-20170419	4/19/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0033	mg/kg	UJ	c	CCV %D	23.2	20	%
4401826011	RI-25-150.0-20170419	4/19/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0035	mg/kg	UJ	c	CCV %D	23.2	20	%
4401826011	RI-25-150.0-20170419	4/19/2017	8260B	74-87-3	Chloromethane		U	0.0017	0.0035	mg/kg	UJ	c	CCV %D	23.6	20	%
4401826011	RI-25-95.0-20170418-TB	4/18/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	23.6	20	%
4401826011	RI-25-95.0-20170418-TB	4/18/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	23.2	20	%
4401826021	RI-24-100.0-20170419	4/19/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0017	0.0034	mg/kg	UJ	c	CCV %D	20.2	20	%
4401826021	RI-24-105.0-20170419	4/19/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0013	0.0027	mg/kg	UJ	c	CCV %D	20.2	20	%
4401826021	RI-24-110.0-20170419	4/19/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0014	0.0028	mg/kg	UJ	c	CCV %D	20.2	20	%
4401826021	RI-24-115.0-20170419	4/19/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0012	0.0024	mg/kg	UJ	c	CCV %D	20.2	20	%
4401826021	RI-24-120.0-20170419	4/19/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0015	0.0031	mg/kg	UJ	c	CCV %D	20.2	20	%
4401826021	RI-24-125.0-20170419	4/19/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0016	0.0033	mg/kg	UJ	c	CCV %D	20.2	20	%
4401826021	RI-24-130.0-20170419	4/19/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0013	0.0025	mg/kg	UJ	c	CCV %D	20.2	20	%
4401826021	RI-24-135.0-20170419	4/19/2017	8260B	79-01-6	Trichloroethene	0.00069	J	0.00067	0.0013	mg/kg	J	sp	< PQL			
4401826021	RI-24-135.0-20170419	4/19/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0013	0.0027	mg/kg	UJ	c	CCV %D	20.2	20	%
4401826021	RI-24-140.0-20170419	4/19/2017	8260B	79-01-6	Trichloroethene	0.00077	J	0.00077	0.0015	mg/kg	J	sp	< PQL			
4401826021	RI-24-140.0-20170419	4/19/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0015	0.0031	mg/kg	UJ	c	CCV %D	20.2	20	%
4401826021	RI-24-145.0-20170419	4/19/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0014	0.0029	mg/kg	UJ	c	CCV %D	20.2	20	%
4401826021	RI-24-150.0-20170419	4/19/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0017	0.0034	mg/kg	UJ	c	CCV %D	20.2	20	%
4401826021	RI-24-95.0-20170419	4/19/2017	8260B	67-66-3	Chloroform	0.00070	J	0.00070	0.0014	mg/kg	J	sp	< PQL			
4401826021	RI-24-95.0-20170419	4/19/2017	8260B	994-05-8	t-Amyl methyl ether		U	0.0014	0.0028	mg/kg	UJ	c	CCV %D	20.2	20	%
4401828041	RI-21-10.0-20170422	4/22/2017	8260B	67-64-1	Acetone	0.011	J	0.0084	0.021	mg/kg	J	sp	< PQL			
4401828041	RI-21-105.0-20170423	4/23/2017	8260B	67-66-3	Chloroform	0.0032		0.00075	0.0015	mg/kg	J+	s	Surrogate %R (BFB)	122	79-120	%
4401828041	RI-21-115.0-20170423	4/23/2017	8260B	71-43-2	Benzene	0.00094	J	0.00082	0.0016	mg/kg	J	sp	< PQL			
4401828041	RI-21-120.0-20170423	4/23/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	20.6	20	%
4401828041	RI-21-135.0-20170423	4/23/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	20.6	20	%
4401828041	RI-21-30.0-20170422	4/22/2017	8260B	67-66-3	Chloroform	0.00090	J	0.00069	0.0014	mg/kg	J	sp	< PQL			
4401828041	RI-21-5.0-20170422	4/22/2017	8260B	67-64-1	Acetone	0.012	J	0.0092	0.023	mg/kg	J	sp	< PQL			
4401828041	RI-21-80.0-20170422	4/22/2017	8260B	79-01-6	Trichloroethene	0.0012	J	0.00064	0.0013	mg/kg	J	sp	< PQL			
4401828041	RI-21-90.0-20170423	4/23/2017	8260B	56-23-5	Carbon Tetrachloride	0.00082	J	0.00068	0.0027	mg/kg	J	sp	< PQL			
4401828291	RI-8-100.0-20170423	4/23/2017	8260B	56-23-5	Carbon Tetrachloride	0.00089	J	0.00087	0.0035	mg/kg	J	sp	< PQL			
4401828291	RI-8-110.0-20170423	4/23/2017	8260B	56-23-5	Carbon Tetrachloride	0.0015	J	0.00074	0.0030	mg/kg	J	sp	< PQL			
4401828291	RI-8-110.0-20170423	4/23/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV, CCV %D	20.6,29.8	20	%
4401828291	RI-8-115.0-20170423	4/23/2017	8260B	56-23-5	Carbon Tetrachloride	0.00089	J	0.00072	0.0029	mg/kg	J	sp	< PQL			
4401828291	RI-8-20.0-20170422	4/22/2017	8260B	67-66-3	Chloroform	0.00064	J	0.00054	0.0011	mg/kg	J	sp	< PQL			
4401828291	RI-8-30.0-20170422	4/22/2017	8260B	56-23-5	Carbon Tetrachloride	0.0011	J	0.00069	0.0028	mg/kg	J	sp	< PQL			
4401828291	RI-8-50.0-20170422	4/22/2017	8260B	127-18-4	Tetrachloroethene	0.0013	J	0.00072	0.0014	mg/kg	J	sp	< PQL			
4401828291	RI-8-50.0-20170422	4/22/2017	8260B	79-01-6	Trichloroethene	0.0012	J	0.00072	0.0014	mg/kg	J	sp	< PQL			
4401828291	RI-8-90.0-20170423	4/23/2017	8260B	56-23-5	Carbon Tetrachloride	0.0010	J	0.00072	0.0029	mg/kg	J	sp	< PQL			
4401828291	RI-8-90.0-20170423	4/23/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0029	mg/kg	UJ	c	ICV, CCV %D	20.6,29.8	20	%
4401828291	RI-8-95.0-20170423	4/23/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0032	mg/kg	UJ	c	ICV, CCV %D	20.6,29.8	20	%
4401828291	RI-8-95.0-20170423	4/23/2017	8260B	56-23-5	Carbon Tetrachloride	0.00096	J	0.00079	0.0032	mg/kg	J	sp	< PQL			
4401828861	RI-1-20.0-20170424	4/24/2017	8260B	71-43-2	Benzene	0.00062	J	0.00057	0.0011	mg/kg	J	sp	< PQL			
4401828861	RI-1-20.0-20170424	4/24/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.00099	J	0.00057	0.0011	mg/kg	J	sp	< PQL			
4401828861	RI-1-20.0-20170424	4/24/2017	8260B	67-64-1	Acetone	0.012	J	0.0092	0.023	mg/kg	J	sp	< PQL			
4401828861	RI-1-30.0-20170424	4/24/2017	8260B	75-27-4	Bromodichloromethane	0.00086	J	0.00080	0.0016	mg/kg	J	sp	< PQL			
4401828861	RI-1-30.0-20170424	4/24/2017	8260B	120-82-1	1,2,4-Trichlorobenzene	0.0020	J	0.0016	0.0080	mg/kg	J	sp	< PQL			
4401828861	RI-1-40.0-20170424	4/24/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.16	0.40	mg/kg	UJ	c	ICV %D	20.6	20	%
4401828861	RI-1-40.0-20170424	4/24/2017	8260B	127-18-4	Tetrachloroethene	0.12	J	0.081	0.16	mg/kg	J	sp	< PQL			
4401828861	RI-1-40.0-20170424	4/24/2017	8260B	541-73-1	1,3-Dichlorobenzene	0.15	J	0.081	0.16	mg/kg	J	sp	< PQL			
4401828861	RI-1-40.0-20170424	4/24/2017	8260B	56-23-5	Carbon Tetrachloride	0.20	J	0.16	0.40	mg/kg	J	sp	< PQL			
4401828861	RI-1-50.0-20170424	4/24/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.15	0.36	mg/kg	UJ	c	ICV %D	20.6	20	%
4401828861	RI-1-50.0-20170424	4/24/2017	8260B	541-73-1	1,3-Dichlorobenzene	0.073	J	0.073	0.15	mg/kg	J	sp	< PQL			
4401828861	RI-1-50.0-20170424-FD	4/24/2017	8260B	541-73-1	1,3-Dichlorobenzene	0.081	J	0.061	0.12	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401828861	RI-1-50.0-20170424-FD	4/24/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.12	0.31	mg/kg	UJ	c	ICV %D	20.6	20	%
4401828861	RI-1-60.0-20170424	4/24/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.15	0.38	mg/kg	UJ	c	ICV %D	20.6	20	%
4401828861	RI-1-60.0-20170424	4/24/2017	8260B	127-18-4	Tetrachloroethene	0.089	J	0.076	0.15	mg/kg	J	sp	< PQL			
4401828881	RI-8-150.0-20170424	4/24/2017	8260B	95-50-1	1,2-Dichlorobenzene	0.00089	J	0.00081	0.0016	mg/kg	J	sp	< PQL			
4401829421	RI-1-115.0-20170425	4/25/2017	8260B	95-50-1	1,2-Dichlorobenzene	3.7	J	2.3	4.5	mg/kg	J	sp	< PQL			
4401829421	RI-1-115.0-20170425	4/25/2017	8260B	67-66-3	Chloroform	4.1	J	2.3	4.5	mg/kg	J	sp	< PQL			
4401829421	RI-1-120.0-20170425	4/25/2017	8260B	541-73-1	1,3-Dichlorobenzene	4.1	J	3.4	6.8	mg/kg	J	sp	< PQL			
4401829421	RI-1-120.0-20170425	4/25/2017	8260B	67-66-3	Chloroform	3.4	J	3.4	6.8	mg/kg	J	sp	< PQL			
4401829421	RI-1-125.0-20170425	4/25/2017	8260B	120-82-1	1,2,4-Trichlorobenzene	28	J	16	39	mg/kg	J	sp	< PQL			
4401829421	RI-1-125.0-20170425	4/25/2017	8260B	67-66-3	Chloroform	11	J	7.8	16	mg/kg	J	sp	< PQL			
4401829421	RI-1-130.0-20170425	4/25/2017	8260B	67-66-3	Chloroform	3.3	J	1.7	3.5	mg/kg	J	sp	< PQL			
4401829421	RI-1-130.0-20170425	4/25/2017	8260B	541-73-1	1,3-Dichlorobenzene	1.7	J	1.7	3.5	mg/kg	J	sp	< PQL			
4401829421	RI-1-70.0-20170424	4/24/2017	8260B	95-50-1	1,2-Dichlorobenzene	1.0	J	0.68	1.4	mg/kg	J	sp	< PQL			
4401829421	RI-1-80.0-20170424	4/24/2017	8260B	106-46-7	1,4-Dichlorobenzene	1.5	J	0.85	1.7	mg/kg	J	sp	< PQL			
4401829431	RI-2-10.0-20170425	4/25/2017	8260B	67-66-3	Chloroform	0.00054	J	0.00054	0.0011	mg/kg	J	sp	< PQL			
4401829431	RI-2-20.0-20170425	4/25/2017	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0025	J	0.0016	0.0031	mg/kg	J	sp	< PQL			
4401829431	RI-2-20.0-20170425	4/25/2017	8260B	120-82-1	1,2,4-Trichlorobenzene	0.0016	J	0.0016	0.0079	mg/kg	J	sp	< PQL			
4401829431	RI-2-20.0-20170425	4/25/2017	8260B	91-20-3	Naphthalene	0.0026	J	0.0016	0.0031	mg/kg	J	sp	< PQL			
4401829431	RI-2-40.0-20170425	4/25/2017	8260B	75-69-4	Trichlorofluoromethane	0.0023	J	0.0016	0.0031	mg/kg	J	sp	< PQL			
4401829431	RI-2-50.0-20170425	4/25/2017	8260B	78-93-3	2-Butanone		U	0.76	1.5	mg/kg	UJ	c	CCV %D	24.4	20	%
4401829431	RI-2-60.0-20170425	4/25/2017	8260B	78-93-3	2-Butanone		U	0.56	1.1	mg/kg	UJ	c	CCV %D	24.4	20	%
4401829431	RI-2-60.0-20170425	4/25/2017	8260B	87-61-6	1,2,3-Trichlorobenzene	0.14	J	0.11	0.28	mg/kg	J	sp	< PQL			
4401829431	RI-2-70.0-20170425	4/25/2017	8260B	78-93-3	2-Butanone		U	91	180	mg/kg	UJ	c	CCV %D	24.4	20	%
4401829431	RI-2-70.0-20170425	4/25/2017	8260B	56-23-5	Carbon Tetrachloride	35	J	18	45	mg/kg	J	sp	< PQL			
4401829431	RI-2-80.0-20170425	4/25/2017	8260B	78-93-3	2-Butanone		U	7.1	14	mg/kg	UJ	c	CCV %D	24.4	20	%
4401829431	RI-2-80.0-20170425-EB	4/25/2017	8260B	108-88-3	Toluene	0.29	J	0.25	0.50	ug/l	J	sp	< PQL			
4401829431	RI-2-90.0-20170425	4/25/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.16	J	0.087	0.17	mg/kg	J	sp	< PQL			
4401829431	RI-2-90.0-20170425-FD	4/25/2017	8260B	95-50-1	1,2-Dichlorobenzene	0.16	J	0.087	0.17	mg/kg	J	sp	< PQL			
4401829431	RI-2-90.0-20170425-FD	4/25/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.17	0.43	mg/kg	UJ	c	ICV %D	20.6	20	%
4401830751	RI-2-109.5-20170426	4/26/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.0012	J	0.00068	0.0014	mg/kg	J	sp	< PQL			
4401830751	RI-2-95.0-20170425	4/25/2017	8260B	71-43-2	Benzene	0.0016	J	0.00083	0.0017	mg/kg	J	sp	< PQL			
4401830751	RI-2-95.0-20170425	4/25/2017	8260B	67-66-3	Chloroform	0.0014	J	0.00083	0.0017	mg/kg	J	sp	< PQL			
4401832931	M-5D-20170501-TB	5/1/2017	8260B	75-09-2	Methylene Chloride	0.96	J	0.88	2.0	ug/l	J	sp	< PQL			
4401834231	M-203-20170502	5/2/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.38	J	0.25	0.50	ug/l	J	sp	< PQL			
4401834231	M-203-20170502	5/2/2017	8260B	75-09-2	Methylene Chloride	1.1	J	0.88	2.0	ug/l	J	sp	< PQL			
4401834231	M-65D-20170502	5/2/2017	8260B	75-09-2	Methylene Chloride	3.9	J	1.8	4.0	ug/l	J	sp	< PQL			
4401834231	M-65D-20170502-FD	5/2/2017	8260B	75-09-2	Methylene Chloride	3.7	J	1.8	4.0	ug/l	J	sp	< PQL			
4401834231	M-65D-20170502-FD	5/2/2017	8260B	56-23-5	Carbon Tetrachloride	0.59	J	0.50	1.0	ug/l	J	sp	< PQL			
4401834241	RI-13-10.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.00096	0.0019	mg/kg	UJ	c	ICV %D	28.8	20	%
4401834241	RI-13-10.0-20170502	5/2/2017	8260B	120-82-1	1,2,4-Trichlorobenzene	0.0021	J	0.00096	0.0048	mg/kg	J	sp	< PQL			
4401834241	RI-13-20.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	28.8	20	%
4401834241	RI-13-30.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	28.8	20	%
4401834241	RI-13-30.0-20170502	5/2/2017	8260B	75-65-0	tert Butyl alcohol	0.031	J	0.010	0.051	mg/kg	J	sp	< PQL			
4401834241	RI-13-40.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	28.8	20	%
4401834241	RI-13-40.0-20170502-FD	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	28.8	20	%
4401834241	RI-13-5.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0021	mg/kg	UJ	c	ICV %D	28.8	20	%
4401834241	RI-13-5.0-20170502	5/2/2017	8260B	67-64-1	Acetone	0.020	J	0.0085	0.021	mg/kg	J	sp	< PQL			
4401834241	RI-13-50.0-20170502	5/2/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		UF1F2	0.0011	0.0022	mg/kg	UJ	m	MS/MSD %R	35	45-145	%
4401834241	RI-13-50.0-20170502	5/2/2017	8260B	87-68-3	Hexachlorobutadiene		UF1F2	0.0011	0.0022	mg/kg	UJ	m	MS/MSD %R	35	50-145	%
4401834241	RI-13-50.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	28.8	20	%
4401834241	RI-13-50.0-20170502	5/2/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		UF1F2	0.0011	0.0056	mg/kg	UJ	m	MS/MSD %R	34	50-140	%
4401834241	RI-13-50.0-20170502	5/2/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		UF1F2	0.0011	0.0022	mg/kg	UJ	m	MS/MSD %R	64	65-135	%
4401834241	RI-13-50.0-20170502	5/2/2017	8260B	99-87-6	p-Cymene		UF1F2	0.00056	0.0011	mg/kg	UJ	m	MS/MSD %R	58	60-140	%
4401834241	RI-13-50.0-20170502	5/2/2017	8260B	135-98-8	sec-Butylbenzene		UF1F2	0.0011	0.0022	mg/kg	UJ	m	MS/MSD %R	56	60-135	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401834241	RI-13-50.0-20170502	5/2/2017	8260B	104-51-8	n-Butylbenzene		UF1F2	0.0011	0.0022	mg/kg	UJ	m	MS/MSD %R	44	55-145 %
4401834241	RI-13-50.0-20170502-EB	5/2/2017	8260B	75-65-0	tert Butyl alcohol	9.0	J	5.0	10	ug/l	J	sp	< PQL		
4401834241	RI-13-50.0-20170502-EB	5/2/2017	8260B	67-64-1	Acetone	13	J	10	20	ug/l	J	sp	< PQL		
4401834241	RI-13-60.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0033	mg/kg	UJ	c	ICV %D	28.8	20 %
4401834241	RI-13-60.0-20170502	5/2/2017	8260B	56-23-5	Carbon Tetrachloride	0.00086	J	0.00083	0.0033	mg/kg	J	sp	< PQL		
4401834241	RI-13-60.0-20170502	5/2/2017	8260B	75-35-4	1,1-Dichloroethene	0.0025	J	0.00083	0.0033	mg/kg	J	sp	< PQL		
4401834241	RI-13-70.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0025	mg/kg	UJ	c	ICV %D	28.8	20 %
4401834241	RI-13-70.0-20170502	5/2/2017	8260B	75-35-4	1,1-Dichloroethene	0.0024	J	0.00063	0.0025	mg/kg	J	sp	< PQL		
4401834241	RI-13-70.0-20170502	5/2/2017	8260B	56-23-5	Carbon Tetrachloride	0.00067	J	0.00063	0.0025	mg/kg	J	sp	< PQL		
4401834241	RI-13-80.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0031	mg/kg	UJ	c	ICV %D	28.8	20 %
4401834261	RIDB-16-1.0-20170501	5/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.00092	0.0018	mg/kg	UJ	c	ICV %D	28.8	20 %
4401834261	RIDB-16-1.0-20170501-TB	5/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	28.8	20 %
4401834261	RIDB-16-10.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	28.8	20 %
4401834261	RIDB-16-20.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	28.8	20 %
4401834261	RIDB-16-30.0-20170502	5/2/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.0012	J	0.00069	0.0014	mg/kg	J	sp	< PQL		
4401834261	RIDB-16-30.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	28.8	20 %
4401834261	RIDB-16-30.0-20170502	5/2/2017	8260B	541-73-1	1,3-Dichlorobenzene	0.00092	J	0.00069	0.0014	mg/kg	J	sp	< PQL		
4401834261	RIDB-16-40.0-20170502	5/2/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.00093	J	0.00066	0.0013	mg/kg	J	sp	< PQL		
4401834261	RIDB-16-40.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	28.8	20 %
4401834261	RIDB-16-40.0-20170502	5/2/2017	8260B	541-73-1	1,3-Dichlorobenzene	0.00067	J	0.00066	0.0013	mg/kg	J	sp	< PQL		
4401834261	RIDB-16-40.0-20170502	5/2/2017	8260B	95-50-1	1,2-Dichlorobenzene	0.00093	J	0.00066	0.0013	mg/kg	J	sp	< PQL		
4401834261	RIDB-16-5.0-20170502	5/2/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.00097	0.0019	mg/kg	UJ	c	ICV %D	28.8	20 %
4401834261	RIDB-16-50.0-20170502	5/2/2017	8260B	95-50-1	1,2-Dichlorobenzene	0.00085	J	0.00067	0.0013	mg/kg	J	sp	< PQL		
4401834261	RIDB-16-50.0-20170502	5/2/2017	8260B	541-73-1	1,3-Dichlorobenzene	0.00071	J	0.00067	0.0013	mg/kg	J	sp	< PQL		
4401834261	RIDB-16-50.0-20170502	5/2/2017	8260B	56-23-5	Carbon Tetrachloride	0.00097	J	0.00067	0.0027	mg/kg	J	sp	< PQL		
4401834261	RIDB-16-50.0-20170502-FD	5/2/2017	8260B	95-50-1	1,2-Dichlorobenzene	0.00073	J	0.00068	0.0014	mg/kg	J	sp	< PQL		
4401834261	RIDB-16-50.0-20170502-FD	5/2/2017	8260B	56-23-5	Carbon Tetrachloride	0.00078	J	0.00068	0.0027	mg/kg	J	sp	< PQL		
4401834261	RIDB-16-60.0-20170502	5/2/2017	8260B	75-27-4	Bromodichloromethane	0.0012	J	0.00078	0.0016	mg/kg	J	sp	< PQL		
4401834261	RIDB-16-70.0-20170502	5/2/2017	8260B	75-25-2	Bromoform	0.0026	J	0.0017	0.0033	mg/kg	J	sp	< PQL		
4401835531	M-201-20170503	5/3/2017	8260B	75-09-2	Methylene Chloride	300	J	220	500	ug/l	J	sp	< PQL		
4401835531	M-215-20170503	5/3/2017	8260B	75-25-2	Bromoform	0.66	J	0.40	1.0	ug/l	J	sp	< PQL		
4401835531	M-215-20170503	5/3/2017	8260B	75-27-4	Bromodichloromethane	0.27	J	0.25	0.50	ug/l	J	sp	< PQL		
4401835531	M-215-20170503	5/3/2017	8260B	541-73-1	1,3-Dichlorobenzene	0.49	J	0.25	0.50	ug/l	J	sp	< PQL		
4401835531	M-215-20170503	5/3/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.41	J	0.25	0.50	ug/l	J	sp	< PQL		
4401835531	M-219-20170503	5/3/2017	8260B	75-09-2	Methylene Chloride	4.4	J	3.5	8.0	ug/l	J	sp	< PQL		
4401835531	M-221-20170503	5/3/2017	8260B	108-90-7	Chlorobenzene	0.48	J	0.25	0.50	ug/l	J	sp	< PQL		
4401835531	M-81D-20170503	5/3/2017	8260B	75-25-2	Bromoform	0.42	J	0.40	1.0	ug/l	J	sp	< PQL		
4401835531	M-81D-20170503	5/3/2017	8260B	56-23-5	Carbon Tetrachloride	0.31	J	0.25	0.50	ug/l	J	sp	< PQL		
4401835741	RI-12-10.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.00095	0.0019	mg/kg	UJ	c	CCV %D	22.6	20 %
4401835741	RI-12-20.0-20170503	5/3/2017	8260B	67-66-3	Chloroform	0.00066	J	0.00051	0.0010	mg/kg	J	sp	< PQL		
4401835741	RI-12-20.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	22.6	20 %
4401835741	RI-12-20.0-20170503	5/3/2017	8260B	67-64-1	Acetone	0.0084	J	0.0082	0.020	mg/kg	J	sp	< PQL		
4401835741	RI-12-30.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0018	0.0035	mg/kg	UJ	c	CCV %D	22.6	20 %
4401835741	RI-12-30.0-20170503	5/3/2017	8260B	79-01-6	Trichloroethene	0.0012	J	0.00088	0.0018	mg/kg	J	sp	< PQL		
4401835741	RI-12-30.0-20170503-FD	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0018	0.0035	mg/kg	UJ	c	CCV %D	22.6	20 %
4401835741	RI-12-30.0-20170503-FD	5/3/2017	8260B	127-18-4	Tetrachloroethene	0.0013	J	0.00088	0.0018	mg/kg	J	sp	< PQL		
4401835741	RI-12-40.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0029	mg/kg	UJ	c	CCV %D	22.6	20 %
4401835741	RI-12-5.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	22.6	20 %
4401835741	RI-12-50.0-20170503	5/3/2017	8260B	79-01-6	Trichloroethene	0.0012	J	0.00074	0.0015	mg/kg	J	sp	< PQL		
4401835741	RI-12-50.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	22.6	20 %
4401835741	RI-12-60.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0029	mg/kg	UJ	c	CCV %D	22.6	20 %
4401835741	RI-12-70.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0035	mg/kg	UJ	c	CCV %D	22.6	20 %
4401835741	RI-12-80.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	22.6	20 %
4401835811	RI-13-130.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0019	0.0037	mg/kg	UJ	c	CCV %D	22.6	20 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401835811	RI-13-135.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0032	mg/kg	UJ	c	CCV %D	22.6	20	%
4401835811	RI-13-140.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0032	mg/kg	UJ	c	CCV %D	22.6	20	%
4401835811	RI-13-145.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	22.6	20	%
4401835811	RI-13-150.0-20170503	5/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0026	mg/kg	UJ	c	CCV %D	22.6	20	%
4401836831	M-140D-20170504	5/4/2017	8260B	75-09-2	Methylene Chloride	1.2	J	0.88	2.0	ug/l	J	bt,sp	TB contamination; < PQL	0.95	1.9	ug/l
4401836831	M-140D-20170504-TB	5/4/2017	8260B	75-09-2	Methylene Chloride	0.95	J	0.88	2.0	ug/l	J	sp	< PQL			
4401836831	M-14D-20170504	5/4/2017	8260B	75-09-2	Methylene Chloride	0.92	J	0.88	2.0	ug/l	J	bt,sp	TB contamination; < PQL	0.95	1.9	ug/l
4401836831	M-22D-20170504	5/4/2017	8260B	79-01-6	Trichloroethene	0.83	J	0.50	1.0	ug/l	J	sp	< PQL			
4401836831	M-22D-20170504	5/4/2017	8260B	107-06-2	1,2-Dichloroethane	0.55	J	0.50	1.0	ug/l	J	sp	< PQL			
4401836831	M-36D-20170504	5/4/2017	8260B	124-48-1	Dibromochloromethane	0.81	J	0.63	1.3	ug/l	J	sp	< PQL			
4401836831	M-36D-20170504	5/4/2017	8260B	56-23-5	Carbon Tetrachloride	0.79	J	0.63	1.3	ug/l	J	sp	< PQL			
4401836831	M-36D-20170504-FB	5/4/2017	8260B	75-09-2	Methylene Chloride	1.4	J	0.88	2.0	ug/l	J	bt,sp	TB contamination; < PQL	0.95	1.9	ug/l
4401836831	M-66D-20170504-FD	5/4/2017	8260B	75-09-2	Methylene Chloride	1.5	J	0.88	2.0	ug/l	J	bt,sp	TB contamination; < PQL	0.95	1.9	ug/l
4401836831	M-66D-20170504-FD	5/4/2017	8260B	79-01-6	Trichloroethene	0.45	J	0.25	0.50	ug/l	J	sp	< PQL			
4401836831	M-66D-20170504-FD	5/4/2017	8260B	75-25-2	Bromoform	0.95	J	0.40	1.0	ug/l	J	sp	< PQL			
4401836831	M-66D-20170504-FD	5/4/2017	8260B	124-48-1	Dibromochloromethane	0.44	J	0.25	0.50	ug/l	J	sp	< PQL			
4401836831	M-72D-20170504	5/4/2017	8260B	124-48-1	Dibromochloromethane	0.27	J	0.25	0.50	ug/l	J	sp	< PQL			
4401836831	M-72D-20170504	5/4/2017	8260B	75-25-2	Bromoform	0.56	J	0.40	1.0	ug/l	J	sp	< PQL			
4401836831	M-72D-20170504	5/4/2017	8260B	75-09-2	Methylene Chloride	1.4	J	0.88	2.0	ug/l	J	bt,sp	TB contamination; < PQL	0.95	1.9	ug/l
4401837021	RI-22-1.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.00098	0.0020	mg/kg	UJ	c	ICV %D	20.6	20	%
4401837021	RI-22-1.0-20170504-TB	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.017	0.033	mg/kg	UJ	c	ICV %D	20.6	20	%
4401837021	RI-22-10.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	20.6	20	%
4401837021	RI-22-20.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0019	0.0038	mg/kg	UJ	c	ICV %D	20.6	20	%
4401837021	RI-22-30.0-20170504	5/4/2017	8260B	75-35-4	1,1-Dichloroethene	0.0017	J	0.00082	0.0033	mg/kg	J	sp	< PQL			
4401837021	RI-22-30.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	20.6	20	%
4401837021	RI-22-40.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	20.6	20	%
4401837021	RI-22-5.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0023	mg/kg	UJ	c	ICV %D	20.6	20	%
4401837021	RI-22-50.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0026	mg/kg	UJ	c	ICV %D	20.6	20	%
4401837021	RI-22-50.0-20170504-FD	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0026	mg/kg	UJ	c	ICV %D	20.6	20	%
4401837021	RI-22-60.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	20.6	20	%
4401837051	RI-12-100.0-20170504	5/4/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	24.1	20	%
4401837051	RI-12-100.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	27.4	20	%
4401837051	RI-12-105.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0031	mg/kg	UJ	c	ICV %D	28.8	20	%
4401837051	RI-12-110.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0020	0.0039	mg/kg	UJ	c	CCV %D	32.6	20	%
4401837051	RI-12-115.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0035	mg/kg	UJ	c	CCV %D	32.6	20	%
4401837051	RI-12-120.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0032	mg/kg	UJ	c	ICV %D	28.8	20	%
4401837051	RI-12-125.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0031	mg/kg	UJ	c	ICV %D	28.8	20	%
4401837051	RI-12-130.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0031	mg/kg	UJ	c	ICV %D	28.8	20	%
4401837051	RI-12-135.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	28.8	20	%
4401837051	RI-12-140.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	32.6	20	%
4401837051	RI-12-140.0-20170504-FD	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	28.8	20	%
4401837051	RI-12-145.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	28.8	20	%
4401837051	RI-12-150.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	28.8	20	%
4401837051	RI-12-90.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	28.8	20	%
4401837051	RI-12-95.0-20170504	5/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0026	mg/kg	UJ	c	ICV %D	28.8	20	%
4401838191	RI-22-100.0-20170505	5/5/2017	8260B	78-93-3	2-Butanone		U	0.0098	0.020	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-105.0-20170505	5/5/2017	8260B	78-93-3	2-Butanone		U	0.0074	0.015	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-115.0-20170505	5/5/2017	8260B	78-93-3	2-Butanone		U	0.0072	0.014	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-120.0-20170505	5/5/2017	8260B	78-93-3	2-Butanone		U	0.0073	0.015	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-120.0-20170505-FD	5/5/2017	8260B	78-93-3	2-Butanone		U	0.0075	0.015	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-125.0-20170505	5/5/2017	8260B	78-93-3	2-Butanone		U	0.0069	0.014	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-130.0-20170505	5/5/2017	8260B	78-93-3	2-Butanone		U	0.0074	0.015	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-135.0-20170505	5/5/2017	8260B	78-93-3	2-Butanone		U	0.0083	0.017	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-140.0-20170505	5/5/2017	8260B	78-93-3	2-Butanone		U	0.0068	0.014	mg/kg	UJ	c	CCV %D	27.6	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401838191	RI-22-70.0-20170504	5/4/2017	8260B	78-93-3	2-Butanone		U	0.0059	0.012	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-70.0-20170504-TB	5/4/2017	8260B	78-93-3	2-Butanone		U	0.0050	0.010	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-80.0-20170504	5/4/2017	8260B	75-35-4	1,1-Dichloroethene	0.00091	J	0.00053	0.0021	mg/kg	J	sp	< PQL			
4401838191	RI-22-80.0-20170504	5/4/2017	8260B	78-93-3	2-Butanone		U	0.0053	0.011	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-80.0-20170504-FD	5/4/2017	8260B	78-93-3	2-Butanone		U	0.0074	0.015	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-90.0-20170504	5/4/2017	8260B	78-93-3	2-Butanone		U	0.0070	0.014	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-95.0-20170504	5/4/2017	8260B	78-93-3	2-Butanone		U	0.0085	0.017	mg/kg	UJ	c	CCV %D	27.6	20	%
4401838191	RI-22-95.0-20170504	5/4/2017	8260B	75-35-4	1,1-Dichloroethene	0.0017	J	0.00085	0.0034	mg/kg	J	sp	< PQL			
4401838621	M-244-100.0-20170506	5/6/2017	8260B	108-90-7	Chlorobenzene	0.00079	J	0.00074	0.0015	mg/kg	J	sp	< PQL			
4401838621	M-244-100.0-20170506	5/6/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	27.4	20	%
4401838621	M-244-100.0-20170506	5/6/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	24.1	20	%
4401838621	M-244-110.0-20170506	5/6/2017	8260B	78-93-3	2-Butanone		U	0.0068	0.014	mg/kg	UJ	c	CCV %D	32.1	20	%
4401838621	M-244-120.0-20170506	5/6/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	24.1	20	%
4401838621	M-244-120.0-20170506	5/6/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	27.4	20	%
4401838621	M-244-60.0-20170505	5/5/2017	8260B	79-01-6	Trichloroethene	0.0011	J	0.00075	0.0015	mg/kg	J	sp	< PQL			
4401838621	M-244-60.0-20170505	5/5/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	27.4	20	%
4401838621	M-244-60.0-20170505	5/5/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	24.1	20	%
4401838621	M-244-60.0-20170505-TB	5/5/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	27.4	20	%
4401838621	M-244-60.0-20170505-TB	5/5/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	24.1	20	%
4401838621	M-244-70.0-20170506	5/6/2017	8260B	78-93-3	2-Butanone		U	0.0087	0.017	mg/kg	UJ	c	CCV %D	32.1	20	%
4401838621	M-244-80.0-20170506	5/6/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	27.4	20	%
4401838621	M-244-80.0-20170506	5/6/2017	8260B	75-34-3	1,1-Dichloroethane	0.00081	J	0.00081	0.0016	mg/kg	J	sp	< PQL			
4401838621	M-244-80.0-20170506	5/6/2017	8260B	107-06-2	1,2-Dichloroethane	0.0012	J	0.00081	0.0016	mg/kg	J	sp	< PQL			
4401838621	M-244-80.0-20170506	5/6/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	24.1	20	%
4401838621	M-244-90.0-20170506	5/6/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	24.1	20	%
4401838621	M-244-90.0-20170506	5/6/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	27.4	20	%
4401838621	M-244-90.0-20170506-FD	5/6/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	27.4	20	%
4401838621	M-244-90.0-20170506-FD	5/6/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	24.1	20	%
4401847231	RI-23-2.0-20170517-TB	5/17/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	24.1	20	%
4401847231	RI-23-2.0-20170517-TB	5/17/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	27.4	20	%
4401848581	RI-27-40.0-20170519	5/19/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0025	mg/kg	UJ	c	ICV %D	27.4	20	%
4401848581	RI-27-40.0-20170519	5/19/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0025	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-100.0-20170520	5/20/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-100.0-20170520	5/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-105.0-20170520	5/20/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-105.0-20170520	5/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-110.0-20170520	5/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-110.0-20170520	5/20/2017	8260B	67-66-3	Chloroform	0.0011	J	0.00068	0.0014	mg/kg	J	sp	< PQL			
4401849081	RI-27-110.0-20170520	5/20/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-115.0-20170520	5/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-115.0-20170520	5/20/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-120.0-20170520	5/20/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-120.0-20170520	5/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-125.0-20170521	5/21/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-125.0-20170521	5/21/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-125.0-20170521-FD	5/21/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-125.0-20170521-FD	5/21/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-130.0-20170521	5/21/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0031	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-130.0-20170521	5/21/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0031	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-135.0-20170521	5/21/2017	8260B	74-87-3	Chloromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-135.0-20170521	5/21/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-140.0-20170521	5/21/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-140.0-20170521	5/21/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-145.0-20170521	5/21/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	27.4	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401849081	RI-27-145.0-20170521	5/21/2017	8260B	79-01-6	Trichloroethene	0.00097	J	0.00073	0.0015	mg/kg	J	sp	< PQL			
4401849081	RI-27-145.0-20170521	5/21/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-150.0-20170521	5/21/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-150.0-20170521	5/21/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-150.0-20170521	5/21/2017	8260B	79-01-6	Trichloroethene	0.0011	J	0.00081	0.0016	mg/kg	J	sp	< PQL			
4401849081	RI-27-50.0-20170519	5/19/2017	8260B	67-66-3	Chloroform	0.00066	J	0.00064	0.0013	mg/kg	J	sp	< PQL			
4401849081	RI-27-50.0-20170519	5/19/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0025	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-50.0-20170519	5/19/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0025	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-50.0-20170519-FD	5/19/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0025	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-50.0-20170519-FD	5/19/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0025	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-50.0-20170519-TB	5/19/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-50.0-20170519-TB	5/19/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-60.0-20170520	5/20/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0026	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-60.0-20170520	5/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0026	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-70.0-20170520	5/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0021	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-70.0-20170520	5/20/2017	8260B	75-35-4	1,1-Dichloroethene	0.0014	J	0.00053	0.0021	mg/kg	J	sp	< PQL			
4401849081	RI-27-70.0-20170520	5/20/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0021	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-80.0-20170520	5/20/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-80.0-20170520	5/20/2017	8260B	79-01-6	Trichloroethene	0.0017		0.00061	0.0012	mg/kg	J	fd	FD RPD	101	50	%
4401849081	RI-27-80.0-20170520	5/20/2017	8260B	75-35-4	1,1-Dichloroethene	0.0011	J	0.00061	0.0024	mg/kg	J	sp	< PQL			
4401849081	RI-27-80.0-20170520	5/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-80.0-20170520-FD	5/20/2017	8260B	79-01-6	Trichloroethene	0.0052		0.00052	0.0010	mg/kg	J	fd	FD RPD	101	50	%
4401849081	RI-27-80.0-20170520-FD	5/20/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0021	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-80.0-20170520-FD	5/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0021	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-90.0-20170520	5/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-90.0-20170520	5/20/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849081	RI-27-95.0-20170520	5/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849081	RI-27-95.0-20170520	5/20/2017	8260B	74-87-3	Chloromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849501	RIDB-29-20.0-20170522	5/22/2017	8260B	74-87-3	Chloromethane		U	0.00097	0.0019	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849501	RIDB-29-20.0-20170522	5/22/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.00097	0.0019	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849501	RIDB-29-20.0-20170522-TB	5/22/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849501	RIDB-29-20.0-20170522-TB	5/22/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849501	RIDB-29-30.0-20170522	5/22/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0021	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849501	RIDB-29-30.0-20170522	5/22/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0021	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849501	RIDB-29-40.0-20170522	5/22/2017	8260B	541-73-1	1,3-Dichlorobenzene	0.00087	J	0.00059	0.0012	mg/kg	J	sp	< PQL			
4401849501	RIDB-29-40.0-20170522	5/22/2017	8260B	56-23-5	Carbon Tetrachloride	0.0013	J	0.00059	0.0023	mg/kg	J	sp	< PQL			
4401849501	RIDB-29-40.0-20170522	5/22/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.00071	J	0.00059	0.0012	mg/kg	J	sp	< PQL			
4401849501	RIDB-29-40.0-20170522	5/22/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0023	mg/kg	UJ	c	ICV %D	24.1	20	%
4401849501	RIDB-29-40.0-20170522	5/22/2017	8260B	95-50-1	1,2-Dichlorobenzene	0.00069	J	0.00059	0.0012	mg/kg	J	sp	< PQL			
4401849501	RIDB-29-40.0-20170522	5/22/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0023	mg/kg	UJ	c	ICV %D	27.4	20	%
4401849501	RIDB-29-40.0-20170522-EB	5/22/2017	8260B	75-09-2	Methylene Chloride	1.7	J	0.88	2.0	ug/l	J	bt,sp	TB contamination; < PQL	1.6	3.2	ug/l
4401849501	RIDB-29-40.0-20170522-EB	5/22/2017	8260B	67-64-1	Acetone	17	J	10	20	ug/l	J	sp	< PQL			
4401849501	RIDB-29-40.0-20170522-EBTB	5/22/2017	8260B	75-09-2	Methylene Chloride	1.6	J	0.88	2.0	ug/l	J	sp	< PQL			
4401849501	RIDB-29-50.0-20170522-FD	5/22/2017	8260B	56-23-5	Carbon Tetrachloride	0.0013	J	0.00066	0.0026	mg/kg	J	sp	< PQL			
4401854761	RI-23-100.0-20170531	5/31/2017	8260B	108-20-3	Diisopropyl ether		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	21.2	20	%
4401854761	RI-23-100.0-20170531	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	21.4	20	%
4401854761	RI-23-105.0-20170531	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0029	mg/kg	UJ	c	CCV %D	21.4	20	%
4401854761	RI-23-105.0-20170531	5/31/2017	8260B	108-20-3	Diisopropyl ether		U	0.0015	0.0029	mg/kg	UJ	c	CCV %D	21.2	20	%
4401854761	RI-23-20.0-20170530	5/30/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0024	mg/kg	UJ	c	CCV %D	21.4	20	%
4401854761	RI-23-20.0-20170530	5/30/2017	8260B	108-20-3	Diisopropyl ether		U	0.0012	0.0024	mg/kg	UJ	c	CCV %D	21.2	20	%
4401854761	RI-23-20.0-20170530-TB	5/30/2017	8260B	108-20-3	Diisopropyl ether		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.2	20	%
4401854761	RI-23-20.0-20170530-TB	5/30/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	21.4	20	%
4401854761	RI-23-30.0-20170530	5/30/2017	8260B	108-20-3	Diisopropyl ether		U	0.0016	0.0033	mg/kg	UJ	c	CCV %D	21.2	20	%
4401854761	RI-23-30.0-20170530	5/30/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0033	mg/kg	UJ	c	CCV %D	21.4	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401854761	RI-23-40.0-20170530	5/30/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	21.4	20	%
4401854761	RI-23-40.0-20170530	5/30/2017	8260B	108-20-3	Diisopropyl ether		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	21.2	20	%
4401854761	RI-23-40.0-20170530	5/30/2017	8260B	79-01-6	Trichloroethene	0.0011	J	0.00075	0.0015	mg/kg	J	sp	< PQL			
4401854761	RI-23-40.0-20170530	5/30/2017	8260B	67-66-3	Chloroform	0.0011	J	0.00075	0.0015	mg/kg	J	sp	< PQL			
4401854761	RI-23-50.0-20170531	5/31/2017	8260B	79-01-6	Trichloroethene	0.00099	J	0.00071	0.0014	mg/kg	J	sp	< PQL			
4401854761	RI-23-50.0-20170531	5/31/2017	8260B	108-20-3	Diisopropyl ether		U	0.0014	0.0028	mg/kg	UJ	c	CCV %D	21.2	20	%
4401854761	RI-23-50.0-20170531	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0028	mg/kg	UJ	c	CCV %D	21.4	20	%
4401854761	RI-23-60.0-20170531	5/31/2017	8260B	108-20-3	Diisopropyl ether		U	0.0017	0.0034	mg/kg	UJ	c	CCV %D	21.2	20	%
4401854761	RI-23-60.0-20170531	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0017	0.0034	mg/kg	UJ	c	CCV %D	21.4	20	%
4401854761	RI-23-60.0-20170531-EB	5/31/2017	8260B	67-64-1	Acetone	14	J	10	20	ug/l	J	sp	< PQL			
4401854761	RI-23-60.0-20170531-EBTB	5/31/2017	8260B	87-61-6	1,2,3-Trichlorobenzene	0.47	J	0.40	1.0	ug/l	J	sp	< PQL			
4401854761	RI-23-70.0-20170531	5/31/2017	8260B	67-66-3	Chloroform	0.0012	J	0.00063	0.0013	mg/kg	J	sp	< PQL			
4401854761	RI-23-70.0-20170531	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0025	mg/kg	UJ	c	CCV %D	21.4	20	%
4401854761	RI-23-70.0-20170531	5/31/2017	8260B	108-20-3	Diisopropyl ether		U	0.0013	0.0025	mg/kg	UJ	c	CCV %D	21.2	20	%
4401854761	RI-23-80.0-20170531	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0029	mg/kg	UJ	c	CCV %D	21.4	20	%
4401854761	RI-23-80.0-20170531	5/31/2017	8260B	108-20-3	Diisopropyl ether		U	0.0014	0.0029	mg/kg	UJ	c	CCV %D	21.2	20	%
4401854761	RI-23-80.0-20170531-FD	5/31/2017	8260B	108-20-3	Diisopropyl ether		U	0.0014	0.0029	mg/kg	UJ	c	CCV %D	21.2	20	%
4401854761	RI-23-80.0-20170531-FD	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0029	mg/kg	UJ	c	CCV %D	21.4	20	%
4401854761	RI-23-90.0-20170531	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0032	mg/kg	UJ	c	CCV %D	21.4	20	%
4401854761	RI-23-90.0-20170531	5/31/2017	8260B	108-20-3	Diisopropyl ether		U	0.0016	0.0032	mg/kg	UJ	c	CCV %D	21.2	20	%
4401854761	RI-23-95.0-20170531	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0025	mg/kg	UJ	c	CCV %D	21.4	20	%
4401854761	RI-23-95.0-20170531	5/31/2017	8260B	108-20-3	Diisopropyl ether		U	0.0012	0.0025	mg/kg	UJ	c	CCV %D	21.2	20	%
4401855831	RI-23-110.0-20170531	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	24.1	20	%
4401855831	RI-23-110.0-20170531	5/31/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	27.4	20	%
4401855831	RI-23-110.0-20170531-FD	5/31/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	27.4	20	%
4401855831	RI-23-110.0-20170531-FD	5/31/2017	8260B	79-01-6	Trichloroethene	0.00089	J	0.00082	0.0016	mg/kg	J	sp	< PQL			
4401855831	RI-23-110.0-20170531-FD	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	24.1	20	%
4401855831	RI-23-110.0-20170531-TB	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	24.1	20	%
4401855831	RI-23-110.0-20170531-TB	5/31/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	27.4	20	%
4401855831	RI-23-115.0-20170531	5/31/2017	8260B	79-01-6	Trichloroethene	0.00086	J	0.00077	0.0015	mg/kg	J	sp	< PQL			
4401855831	RI-23-115.0-20170531	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0031	mg/kg	UJ	c	ICV %D	24.1	20	%
4401855831	RI-23-115.0-20170531	5/31/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0031	mg/kg	UJ	c	ICV %D	27.4	20	%
4401855831	RI-23-120.0-20170531	5/31/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	24.1	20	%
4401855831	RI-23-120.0-20170531	5/31/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	27.4	20	%
4401855831	RI-23-120.0-20170531	5/31/2017	8260B	75-69-4	Trichlorofluoromethane	0.0015	J	0.0013	0.0027	mg/kg	J	sp	< PQL			
4401855831	RI-23-125.0-20170601	6/1/2017	8260B	79-01-6	Trichloroethene	0.00084	J	0.00077	0.0015	mg/kg	J	sp	< PQL			
4401855831	RI-23-125.0-20170601	6/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0031	mg/kg	UJ	c	ICV %D	27.4	20	%
4401855831	RI-23-125.0-20170601	6/1/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0031	mg/kg	UJ	c	ICV %D	24.1	20	%
4401855831	RI-23-140.0-20170601-FD	6/1/2017	8260B	71-43-2	Benzene	0.00069	J	0.00068	0.0014	mg/kg	J	sp	< PQL			
4401855831	RI-23-140.0-20170601-FD	6/1/2017	8260B	75-69-4	Trichlorofluoromethane	0.0014	J	0.0014	0.0027	mg/kg	J	sp	< PQL			
4401855831	RI-23-145.0-20170601	6/1/2017	8260B	71-43-2	Benzene	0.00078	J	0.00076	0.0015	mg/kg	J	sp	< PQL			
4401856771	PCDB-1-10.0-20170603	6/3/2017	8260B	108-20-3	Diisopropyl ether		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	26.6	20	%
4401856771	PCDB-1-10.0-20170603	6/3/2017	8260B	67-64-1	Acetone	0.013	J	0.0080	0.020	mg/kg	J	sp	< PQL			
4401856771	PCDB-1-10.0-20170603-FD	6/3/2017	8260B	108-20-3	Diisopropyl ether		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	26.6	20	%
4401856771	PCDB-1-100.0-20170604	6/4/2017	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0016	J	0.0016	0.0032	mg/kg	J	sp	< PQL			
4401856771	PCDB-1-100.0-20170604	6/4/2017	8260B	91-20-3	Naphthalene	0.0025	JB	0.0016	0.0032	mg/kg	J	bl,sp	MB contamination; < PQL	0.00136	0.00272	mg/kg
4401856771	PCDB-1-110.0-20170604-FD	6/4/2017	8260B	67-64-1	Acetone	0.017	J	0.0093	0.023	mg/kg	J	sp	< PQL			
4401856771	PCDB-1-120.0-20170604	6/4/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	24.1	20	%
4401856771	PCDB-1-120.0-20170604	6/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	27.4	20	%
4401856771	PCDB-1-130.0-20170604	6/4/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	24.1	20	%
4401856771	PCDB-1-130.0-20170604	6/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	27.4	20	%
4401856771	PCDB-1-140.0-20170604	6/4/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	27.4	20	%
4401856771	PCDB-1-140.0-20170604	6/4/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	24.1	20	%
4401856771	PCDB-1-20.0-20170603	6/3/2017	8260B	108-20-3	Diisopropyl ether		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	26.6	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401856771	PCDB-1-30.0-20170603	6/3/2017	8260B	108-20-3	Diisopropyl ether		U	0.0016	0.0031	mg/kg	UJ	c	CCV %D	26.6	20	%
4401856771	PCDB-1-40.0-20170603	6/3/2017	8260B	120-82-1	1,2,4-Trichlorobenzene	0.0017	J	0.0016	0.0078	mg/kg	J	sp	< PQL			
4401856771	PCDB-1-5.0-20170602	6/2/2017	8260B	108-20-3	Diisopropyl ether		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	26.6	20	%
4401856771	PCDB-1-5.0-20170602-TB	6/2/2017	8260B	108-20-3	Diisopropyl ether		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	26.6	20	%
4401856771	PCDB-1-50.0-20170603	6/3/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	24.1	20	%
4401856771	PCDB-1-50.0-20170603	6/3/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	27.4	20	%
4401856771	PCDB-1-60.0-20170603	6/3/2017	8260B	107-06-2	1,2-Dichloroethane	0.0011	J	0.00081	0.0016	mg/kg	J	sp	< PQL			
4401856771	PCDB-1-70.0-20170603	6/3/2017	8260B	108-90-7	Chlorobenzene	0.0012	J	0.00080	0.0016	mg/kg	J	sp	< PQL			
4401856771	PCDB-1-80.0-20170603	6/3/2017	8260B	67-64-1	Acetone	0.020	J	0.010	0.025	mg/kg	J	sp	< PQL			
4401858291	PCDB-1-150.0-20170605	6/5/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	24.1	20	%
4401858291	PCDB-1-150.0-20170605	6/5/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	27.4	20	%
4401858291	PCDB-1-150.0-20170605-TB	6/5/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	27.4	20	%
4401858291	PCDB-1-150.0-20170605-TB	6/5/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	24.1	20	%
4401858291	PCDB-2-10.0-20170605	6/5/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	27.4	20	%
4401858291	PCDB-2-10.0-20170605	6/5/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	24.1	20	%
4401858291	PCDB-2-20.0-20170605	6/5/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0023	mg/kg	UJ	c	ICV %D	27.4	20	%
4401858291	PCDB-2-20.0-20170605	6/5/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0023	mg/kg	UJ	c	ICV %D	24.1	20	%
4401858291	PCDB-2-5.0-20170605	6/5/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	27.4	20	%
4401858291	PCDB-2-5.0-20170605	6/5/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	24.1	20	%
4401858771	PCDB-2-100.0-20170606	6/6/2017	8260B	67-64-1	Acetone	0.061		0.011	0.028	mg/kg	J+	c,s	CCV %D; Surrogate %R (BFB)	24.1; 126	20; 79-120	%
4401858771	PCDB-2-110.0-20170606	6/6/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0033	mg/kg	UJ	c	CCV %D	23.2	20	%
4401858771	PCDB-2-110.0-20170606	6/6/2017	8260B	108-20-3	Diisopropyl ether		U	0.0016	0.0033	mg/kg	UJ	c	CCV %D	20.4	20	%
4401858771	PCDB-2-30.0-20170605	6/5/2017	8260B	108-20-3	Diisopropyl ether		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	20.4	20	%
4401858771	PCDB-2-30.0-20170605	6/5/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0021	mg/kg	UJ	c	CCV %D	23.2	20	%
4401858771	PCDB-2-30.0-20170605-TB	6/5/2017	8260B	108-20-3	Diisopropyl ether		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	20.4	20	%
4401858771	PCDB-2-30.0-20170605-TB	6/5/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	CCV %D	23.2	20	%
4401858771	PCDB-2-40.0-20170606	6/6/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0025	mg/kg	UJ	c	CCV %D	23.2	20	%
4401858771	PCDB-2-40.0-20170606	6/6/2017	8260B	108-20-3	Diisopropyl ether		U	0.0012	0.0025	mg/kg	UJ	c	CCV %D	20.4	20	%
4401858771	PCDB-2-50.0-20170606	6/6/2017	8260B	108-20-3	Diisopropyl ether		U	0.0011	0.0023	mg/kg	UJ	c	CCV %D	20.4	20	%
4401858771	PCDB-2-50.0-20170606	6/6/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0023	mg/kg	UJ	c	CCV %D	23.2	20	%
4401858771	PCDB-2-50.0-20170606-FD	6/6/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	23.2	20	%
4401858771	PCDB-2-50.0-20170606-FD	6/6/2017	8260B	108-20-3	Diisopropyl ether		U	0.0011	0.0022	mg/kg	UJ	c	CCV %D	20.4	20	%
4401858771	PCDB-2-60.0-20170606	6/6/2017	8260B	108-20-3	Diisopropyl ether		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	20.4	20	%
4401858771	PCDB-2-60.0-20170606	6/6/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	23.2	20	%
4401858771	PCDB-2-60.0-20170606	6/6/2017	8260B	75-69-4	Trichlorofluoromethane	0.0015	J	0.0015	0.0030	mg/kg	J	sp	< PQL			
4401858771	PCDB-2-70.0-20170606	6/6/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	23.2	20	%
4401858771	PCDB-2-70.0-20170606	6/6/2017	8260B	108-20-3	Diisopropyl ether		U	0.0015	0.0030	mg/kg	UJ	c	CCV %D	20.4	20	%
4401858771	PCDB-2-80.0-20170606	6/6/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0031	mg/kg	UJ	c	CCV %D	23.2	20	%
4401858771	PCDB-2-80.0-20170606	6/6/2017	8260B	108-20-3	Diisopropyl ether		U	0.0016	0.0031	mg/kg	UJ	c	CCV %D	20.4	20	%
4401858771	PCDB-2-90.0-20170606	6/6/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0028	mg/kg	UJ	c	CCV %D	23.2	20	%
4401858771	PCDB-2-90.0-20170606	6/6/2017	8260B	67-64-1	Acetone	0.015	JF1	0.011	0.028	mg/kg	J+	m,sp	MS/MSD %R; < PQL	214,158	20-145	%
4401858771	PCDB-2-90.0-20170606	6/6/2017	8260B	108-20-3	Diisopropyl ether		U	0.0014	0.0028	mg/kg	UJ	c	CCV %D	20.4	20	%
4401860311	PCDB-2-120.0-20170606	6/6/2017	8260B	67-64-1	Acetone	0.029	*	0.010	0.025	mg/kg	J+	l	LCS %R	171	25-145	%
4401860311	PCDB-2-130.0-20170606	6/6/2017	8260B	67-64-1	Acetone	0.020	J*	0.011	0.028	mg/kg	J+	l,s,sp	LCS %R; Surrogate %R (BFB); < PQL	171; 131	25-145; 79-120	%
4401860311	PCDB-2-140.0-20170607	6/7/2017	8260B	67-64-1	Acetone	0.016	J	0.011	0.028	mg/kg	J+	c,sp	CCV %D; < PQL	24.1	20	%
4401860311	PCDB-2-150.0-20170607	6/7/2017	8260B	67-64-1	Acetone	0.017	J	0.011	0.026	mg/kg	J+	c,sp	CCV %D; < PQL	24.1	20	%
4401863511	RI-17-30.0-20170612	6/12/2017	8260B	127-18-4	Tetrachloroethene	0.0011	J	0.00069	0.0014	mg/kg	J	sp	< PQL			
4401863511	RI-17-30.0-20170612-EB	6/12/2017	8260B	67-64-1	Acetone	11	J	10	20	ug/l	J	sp	< PQL			
4401863511	RI-17-30.0-20170612-EB	6/12/2017	8260B	75-09-2	Methylene Chloride	1.1	J	0.88	2.0	ug/l	J	bt,sp	TB contamination; < PQL	0.92	1.84	ug/l
4401863511	RI-17-30.0-20170612-EBTB	6/12/2017	8260B	75-09-2	Methylene Chloride	0.92	J	0.88	2.0	ug/l	J	sp	< PQL			
4401863511	RI-17-40.0-20170612	6/12/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.21	0.53	mg/kg	UJ	c	ICV %D	27.4	20	%
4401863511	RI-17-40.0-20170612	6/12/2017	8260B	74-87-3	Chloromethane		U	0.21	0.53	mg/kg	UJ	c	ICV %D	24.1	20	%
4401863561	PCDB-3-20.0-20170612	6/12/2017	8260B	67-64-1	Acetone	0.012	J	0.0094	0.023	mg/kg	J	sp	< PQL			
4401863951	RI-17-50.0-20170613	6/13/2017	8260B	74-87-3	Chloromethane		U	0.15	0.38	mg/kg	UJ	c	ICV %D	24.1	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401863951	RI-17-50.0-20170613	6/13/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.15	0.38	mg/kg	UJ	c	ICV %D	27.4	20	%
4401863951	RI-17-50.0-20170613-FD	6/13/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.15	0.37	mg/kg	UJ	c	ICV %D	27.4	20	%
4401863951	RI-17-50.0-20170613-FD	6/13/2017	8260B	74-87-3	Chloromethane		U	0.15	0.37	mg/kg	UJ	c	ICV %D	24.1	20	%
4401863951	RI-17-60.0-20170613	6/13/2017	8260B	56-23-5	Carbon Tetrachloride	0.0014	J	0.00072	0.0029	mg/kg	J	sp	< PQL			
4401863951	RI-17-60.0-20170613	6/13/2017	8260B	79-01-6	Trichloroethene	0.00084	J	0.00072	0.0014	mg/kg	J	sp	< PQL			
4401863951	RI-17-70.0-20170613	6/13/2017	8260B	56-23-5	Carbon Tetrachloride	0.0017	J	0.00071	0.0029	mg/kg	J	sp	< PQL			
4401863971	PCDB-3-110.0-20170613	6/13/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	39.8	20	%
4401863971	PCDB-3-110.0-20170613	6/13/2017	8260B	67-64-1	Acetone	0.064	F1	0.014	0.034	mg/kg	J+	m	MS/MSD %R	163	20-145	%
4401863971	PCDB-3-110.0-20170613	6/13/2017	8260B	75-01-4	Vinyl Chloride		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	24.2	20	%
4401863971	PCDB-3-110.0-20170613	6/13/2017	8260B	74-87-3	Chloromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	32.4	20	%
4401863971	PCDB-3-120.0-20170613	6/13/2017	8260B	67-64-1	Acetone	0.026	J	0.012	0.029	mg/kg	J	sp	< PQL			
4401863971	PCDB-3-130.0-20170613	6/13/2017	8260B	67-64-1	Acetone	0.021	J	0.010	0.026	mg/kg	J	sp	< PQL			
4401863971	PCDB-3-90.0-20170613	6/13/2017	8260B	67-66-3	Chloroform	0.00080	J	0.00076	0.0015	mg/kg	J	sp	< PQL			
4401865171	RI-28-20.0-20170614	6/14/2017	8260B	67-64-1	Acetone	0.018	J	0.0079	0.020	mg/kg	J	sp	< PQL			
4401865171	RI-28-40.0-20170614	6/14/2017	8260B	67-66-3	Chloroform	0.00093	J	0.00086	0.0017	mg/kg	J	sp	< PQL			
4401865171	RI-28-50.0-20170614	6/14/2017	8260B	67-66-3	Chloroform	0.0011	J	0.00069	0.0014	mg/kg	J	sp	< PQL			
4401865181	RI-17-100.0-20170614	6/14/2017	8260B	75-01-4	Vinyl Chloride		U	0.0012	0.0025	mg/kg	UJ	c	ICV %D	23.1	20	%
4401865181	RI-17-100.0-20170614	6/14/2017	8260B	67-66-3	Chloroform	0.14		0.00062	0.0012	mg/kg	J	fd	FD RPD	188	50	%
4401865181	RI-17-100.0-20170614	6/14/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0025	mg/kg	UJ	c	ICV %D	28.0	20	%
4401865181	RI-17-100.0-20170614-FD	6/14/2017	8260B	75-01-4	Vinyl Chloride		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	23.1	20	%
4401865181	RI-17-100.0-20170614-FD	6/14/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	28.0	20	%
4401865181	RI-17-100.0-20170614-FD	6/14/2017	8260B	67-66-3	Chloroform	0.0042		0.00055	0.0011	mg/kg	J	fd	FD RPD	188	50	%
4401865181	RI-17-105.0-20170614	6/14/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	28.0	20	%
4401865181	RI-17-105.0-20170614	6/14/2017	8260B	75-01-4	Vinyl Chloride		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	23.1	20	%
4401865181	RI-17-110.0-20170614	6/14/2017	8260B	67-66-3	Chloroform	0.0012	J	0.00064	0.0013	mg/kg	J	sp	< PQL			
4401865181	RI-17-115.0-20170614	6/14/2017	8260B	71-43-2	Benzene	0.00085	J	0.00080	0.0016	mg/kg	J	sp	< PQL			
4401865181	RI-17-120.0-20170614	6/14/2017	8260B	75-01-4	Vinyl Chloride		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	24.2	20	%
4401865181	RI-17-120.0-20170614	6/14/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	39.8	20	%
4401865181	RI-17-120.0-20170614	6/14/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	32.4	20	%
4401865181	RI-17-120.0-20170614-EBTB	6/14/2017	8260B	67-64-1	Acetone	17	J	10	20	ug/l	J	sp	< PQL			
4401865181	RI-17-120.0-20170614-EBTB	6/14/2017	8260B	75-09-2	Methylene Chloride	1.1	J	0.88	2.0	ug/l	J	sp	< PQL			
4401865181	RI-17-125.0-20170614	6/14/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	32.4	20	%
4401865181	RI-17-125.0-20170614	6/14/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	39.8	20	%
4401865181	RI-17-125.0-20170614	6/14/2017	8260B	75-01-4	Vinyl Chloride		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	24.2	20	%
4401865181	RI-17-130.0-20170614	6/14/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	39.8	20	%
4401865181	RI-17-130.0-20170614	6/14/2017	8260B	75-01-4	Vinyl Chloride		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	24.2	20	%
4401865181	RI-17-130.0-20170614	6/14/2017	8260B	75-69-4	Trichlorofluoromethane	0.0019	J	0.0017	0.0034	mg/kg	J	sp	< PQL			
4401865181	RI-17-130.0-20170614	6/14/2017	8260B	74-87-3	Chloromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	32.4	20	%
4401865181	RI-17-135.0-20170614	6/14/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		UF2F1	0.0017	0.0085	mg/kg	UJ	m	MS/MSD %R	46	50-140	%
4401865181	RI-17-135.0-20170614	6/14/2017	8260B	75-01-4	Vinyl Chloride		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	23.1	20	%
4401865181	RI-17-135.0-20170614	6/14/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	28.0	20	%
4401865181	RI-17-90.0-20170614	6/14/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0023	mg/kg	UJ	c	ICV %D	28.0	20	%
4401865181	RI-17-90.0-20170614	6/14/2017	8260B	75-01-4	Vinyl Chloride		U	0.0012	0.0023	mg/kg	UJ	c	ICV %D	23.1	20	%
4401865181	RI-17-95.0-20170614	6/14/2017	8260B	75-01-4	Vinyl Chloride		U	0.0013	0.0025	mg/kg	UJ	c	ICV %D	23.1	20	%
4401865181	RI-17-95.0-20170614	6/14/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0025	mg/kg	UJ	c	ICV %D	28.0	20	%
4401866341	RI-11-10.0-20170615	6/15/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	32.4	20	%
4401866341	RI-11-10.0-20170615	6/15/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	39.8	20	%
4401866341	RI-11-10.0-20170615	6/15/2017	8260B	75-01-4	Vinyl Chloride		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	24.2	20	%
4401866341	RI-11-20.0-20170615	6/15/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	32.4	20	%
4401866341	RI-11-20.0-20170615	6/15/2017	8260B	75-01-4	Vinyl Chloride		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	24.2	20	%
4401866341	RI-11-20.0-20170615	6/15/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	39.8	20	%
4401866341	RI-11-30.0-20170615	6/15/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	32.4	20	%
4401866341	RI-11-30.0-20170615	6/15/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	39.8	20	%
4401866341	RI-11-30.0-20170615	6/15/2017	8260B	75-01-4	Vinyl Chloride		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	24.2	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401866341	RI-11-30.0-20170615-EB	6/15/2017	8260B	67-64-1	Acetone	11	J	10	20	ug/l	J	sp	< PQL			
4401866341	RI-11-40.0-20170615	6/15/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	32.4	20	%
4401866341	RI-11-40.0-20170615	6/15/2017	8260B	75-01-4	Vinyl Chloride		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	24.2	20	%
4401866341	RI-11-40.0-20170615	6/15/2017	8260B	75-35-4	1,1-Dichloroethene	0.0017	J	0.00061	0.0024	mg/kg	J	sp	< PQL			
4401866341	RI-11-40.0-20170615	6/15/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	39.8	20	%
4401866341	RI-11-5.0-20170615	6/15/2017	8260B	75-01-4	Vinyl Chloride		U	0.0011	0.0021	mg/kg	UJ	c	ICV %D	24.2	20	%
4401866341	RI-11-5.0-20170615	6/15/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0021	mg/kg	UJ	c	ICV %D	39.8	20	%
4401866341	RI-11-5.0-20170615	6/15/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0021	mg/kg	UJ	c	ICV %D	32.4	20	%
4401866341	RI-17-140.0-20170614	6/14/2017	8260B	75-01-4	Vinyl Chloride		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	24.2	20	%
4401866341	RI-17-140.0-20170614	6/14/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	39.8	20	%
4401866341	RI-17-140.0-20170614	6/14/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	32.4	20	%
4401866341	RI-17-145.0-20170614	6/14/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0023	mg/kg	UJ	c	ICV %D	39.8	20	%
4401866341	RI-17-145.0-20170614	6/14/2017	8260B	75-01-4	Vinyl Chloride		U	0.0012	0.0023	mg/kg	UJ	c	ICV %D	24.2	20	%
4401866341	RI-17-145.0-20170614	6/14/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0023	mg/kg	UJ	c	ICV %D	32.4	20	%
4401866341	RI-17-150.0-20170614	6/14/2017	8260B	75-01-4	Vinyl Chloride		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	24.2	20	%
4401866341	RI-17-150.0-20170614	6/14/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	39.8	20	%
4401866341	RI-17-150.0-20170614	6/14/2017	8260B	74-87-3	Chloromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	32.4	20	%
4401866371	RI-28-100.0-20170615	6/15/2017	8260B	75-35-4	1,1-Dichloroethene	0.0025	J	0.00075	0.0030	mg/kg	J	sp	< PQL			
4401866371	RI-28-100.0-20170615	6/15/2017	8260B	75-69-4	Trichlorofluoromethane	0.0027	J	0.0015	0.0030	mg/kg	J	sp	< PQL			
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0020	0.0099	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0020	0.0040	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0020	0.0040	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	75-65-0	tert Butyl alcohol		U*	0.020	0.099	mg/kg	UJ	i	IS area (TBA-d9)	126847	188861-755444	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0020	0.0040	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	108-86-1	Bromobenzene		U*	0.0020	0.0040	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00099	0.0020	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00099	0.0020	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0020	0.0040	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	99-87-6	p-Cymene		U*	0.00099	0.0020	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0020	0.020	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0020	0.0040	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0020	0.0040	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00099	0.0020	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0020	0.0040	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0020	0.0040	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00099	0.0020	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0020	0.0040	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	91-20-3	Naphthalene		U*	0.0020	0.0040	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0040	0.0099	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-115.0-20170615	6/15/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0020	0.0040	mg/kg	UJ	i	IS area (1,4-DCB-d4)	90730	185977-7436906	area
4401866371	RI-28-130.0-20170615-FD	6/15/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0026	mg/kg	UJ	c	ICV %D	39.8	20	%
4401866371	RI-28-130.0-20170615-FD	6/15/2017	8260B	75-01-4	Vinyl Chloride		U	0.0013	0.0026	mg/kg	UJ	c	ICV %D	24.2	20	%
4401866371	RI-28-130.0-20170615-FD	6/15/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0026	mg/kg	UJ	c	ICV %D	32.4	20	%
4401866371	RI-28-130.0-20170615-FD	6/15/2017	8260B	75-69-4	Trichlorofluoromethane	0.0017	J	0.0013	0.0026	mg/kg	J	sp	< PQL			
4401866371	RI-28-135.0-20170615	6/15/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	32.4	20	%
4401866371	RI-28-135.0-20170615	6/15/2017	8260B	75-01-4	Vinyl Chloride		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	24.2	20	%
4401866371	RI-28-135.0-20170615	6/15/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	39.8	20	%
4401866371	RI-28-60.0-20170614	6/14/2017	8260B	79-01-6	Trichloroethene	0.00091	J	0.00071	0.0014	mg/kg	J	sp	< PQL			
4401866371	RI-28-60.0-20170614	6/14/2017	8260B	67-66-3	Chloroform	0.00088	J	0.00071	0.0014	mg/kg	J	sp	< PQL			
4401866371	RI-28-70.0-20170615	6/15/2017	8260B	75-69-4	Trichlorofluoromethane	0.0018	J	0.0014	0.0028	mg/kg	J	sp	< PQL			
4401866371	RI-28-80.0-20170615	6/15/2017	8260B	79-01-6	Trichloroethene	0.0013	J	0.00075	0.0015	mg/kg	J	sp	< PQL			
4401866371	RI-28-90.0-20170615	6/15/2017	8260B	79-01-6	Trichloroethene	0.00091	J	0.00060	0.0012	mg/kg	J	sp	< PQL			
4401866371	RI-28-90.0-20170615	6/15/2017	8260B	67-66-3	Chloroform	0.00064	J	0.00060	0.0012	mg/kg	J	sp	< PQL			
4401866371	RI-28-95.0-20170615	6/15/2017	8260B	67-66-3	Chloroform	0.00097	J	0.00077	0.0015	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401867201	RI-28-145.0-20170615	6/15/2017	8260B	103-65-1	n-Propylbenzene	0.00087	J	0.00061	0.0012	mg/kg	J	sp	< PQL			
4401867201	RI-28-145.0-20170615	6/15/2017	8260B	98-82-8	Cumene	0.00068	J	0.00061	0.0012	mg/kg	J	sp	< PQL			
4401867201	RI-28-145.0-20170615	6/15/2017	8260B	99-87-6	p-Cymene	0.00088	J	0.00061	0.0012	mg/kg	J	sp	< PQL			
4401867211	RI-11-110.0-20170616	6/16/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0028	0.0056	mg/kg	UJ	c	ICV %D	28.0	20	%
4401867211	RI-11-110.0-20170616	6/16/2017	8260B	75-01-4	Vinyl Chloride		U	0.0028	0.0056	mg/kg	UJ	c	ICV %D	23.1	20	%
4401867211	RI-11-115.0-20170616	6/16/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0035	mg/kg	UJ	c	ICV %D	28.0	20	%
4401867211	RI-11-115.0-20170616	6/16/2017	8260B	75-01-4	Vinyl Chloride		U	0.0017	0.0035	mg/kg	UJ	c	ICV %D	23.1	20	%
4401867211	RI-11-120.0-20170616	6/16/2017	8260B	75-01-4	Vinyl Chloride		U	0.0022	0.0044	mg/kg	UJ	c	ICV %D	23.1	20	%
4401867211	RI-11-120.0-20170616	6/16/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0022	0.0044	mg/kg	UJ	c	ICV %D	28.0	20	%
4401867211	RI-11-125.0-20170616	6/16/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0018	0.0036	mg/kg	UJ	c	ICV %D	28.0	20	%
4401867211	RI-11-125.0-20170616	6/16/2017	8260B	75-01-4	Vinyl Chloride		U	0.0018	0.0036	mg/kg	UJ	c	ICV %D	23.1	20	%
4401867211	RI-11-145.0-20170616	6/16/2017	8260B	75-69-4	Trichlorofluoromethane	0.0024	J	0.0013	0.0027	mg/kg	J	sp	< PQL			
4401867211	RI-11-50.0-20170615	6/15/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	28.0	20	%
4401867211	RI-11-50.0-20170615	6/15/2017	8260B	75-01-4	Vinyl Chloride		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	23.1	20	%
4401867211	RI-11-60.0-20170616	6/16/2017	8260B	75-01-4	Vinyl Chloride		U	0.0019	0.0038	mg/kg	UJ	c	ICV %D	23.1	20	%
4401867211	RI-11-60.0-20170616	6/16/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0019	0.0038	mg/kg	UJ	c	ICV %D	28.0	20	%
4401867211	RI-11-60.0-20170616-FD	6/16/2017	8260B	75-69-4	Trichlorofluoromethane	0.0017	J	0.0016	0.0032	mg/kg	J	sp	< PQL			
4401867211	RI-11-60.0-20170616-FD	6/16/2017	8260B	75-01-4	Vinyl Chloride		U	0.0016	0.0032	mg/kg	UJ	c	ICV %D	23.1	20	%
4401867211	RI-11-60.0-20170616-FD	6/16/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0032	mg/kg	UJ	c	ICV %D	28.0	20	%
4401867211	RI-11-70.0-20170616	6/16/2017	8260B	75-65-0	tert Butyl alcohol		U*	0.014	0.069	mg/kg	UJ	i	IS area (TBA-d9)	266421	66294-265176	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	75-01-4	Vinyl Chloride		U	0.0020	0.0039	mg/kg	UJ	c	ICV %D	23.1	20	%
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0020	0.0039	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*F2	0.00098	0.0020	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0020	0.0039	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00098	0.0020	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	75-69-4	Trichlorofluoromethane	0.0022	J	0.0020	0.0039	mg/kg	J	sp	< PQL			
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0020	0.0039	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0020	0.0039	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	99-87-6	p-Cymene		U*	0.00098	0.0020	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	91-20-3	Naphthalene		U*	0.0020	0.0039	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*F1F2	0.0039	0.0098	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0020	0.0039	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0020	0.0039	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00098	0.0020	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0020	0.0039	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0020	0.0039	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	108-86-1	Bromobenzene		U*	0.0020	0.0039	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00098	0.0020	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0020	0.0039	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*F1F2	0.0020	0.020	mg/kg	UJ	i	IS area (1,4-DCB-d4)	415946	460404-1841614	area
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*F1F2	0.0020	0.0039	mg/kg	UJ	i,m	IS area (1,4-DCB-d4); MS/MSD %R	415946; 31,44	460404-1841614; 45-145	area; %
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*F1F2	0.0020	0.0098	mg/kg	UJ	i,m	IS area (1,4-DCB-d4); MS/MSD %R	415946; 30,44	460404-1841614; 50-140	area; %
4401867211	RI-11-80.0-20170616	6/16/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0020	0.0039	mg/kg	UJ	c	ICV %D	28.0	20	%
4401867211	RI-11-90.0-20170616	6/16/2017	8260B	75-01-4	Vinyl Chloride		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	23.1	20	%
4401867211	RI-11-90.0-20170616	6/16/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	28.0	20	%
4401867211	RI-11-95.0-20170616	6/16/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	28.0	20	%
4401867211	RI-11-95.0-20170616	6/16/2017	8260B	75-01-4	Vinyl Chloride		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	23.1	20	%
4401867211	RI-11-95.0-20170616-FD	6/16/2017	8260B	75-01-4	Vinyl Chloride		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	23.1	20	%
4401867211	RI-11-95.0-20170616-FD	6/16/2017	8260B	75-69-4	Trichlorofluoromethane	0.0018	J	0.0013	0.0027	mg/kg	J	sp	< PQL			
4401867211	RI-11-95.0-20170616-FD	6/16/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	28.0	20	%
4401867861	RI-26-100.0-20170617	6/17/2017	8260B	79-01-6	Trichloroethene	0.0011	J	0.00070	0.0014	mg/kg	J	sp	< PQL			
4401867861	RI-26-115.0-20170617	6/17/2017	8260B	67-66-3	Chloroform	0.0011	J	0.00063	0.0013	mg/kg	J	sp	< PQL			
4401867861	RI-26-30.0-20170616-TB	6/16/2017	8260B	71-43-2	Benzene	0.00069	J	0.00050	0.0010	mg/kg	J	sp	< PQL			
4401867861	RI-26-30.0-20170616-TB	6/16/2017	8260B	108-88-3	Toluene	0.00056	J	0.00050	0.0010	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401867861	RI-26-40.0-20170616	6/16/2017	8260B	79-01-6	Trichloroethene	0.0011	J	0.00073	0.0015	mg/kg	J	sp	< PQL			
4401867861	RI-26-50.0-20170617	6/17/2017	8260B	79-01-6	Trichloroethene	0.00079	J	0.00067	0.0013	mg/kg	J	sp	< PQL			
4401867861	RI-26-60.0-20170617	6/17/2017	8260B	79-01-6	Trichloroethene	0.00057	J	0.00057	0.0011	mg/kg	J	sp	< PQL			
4401867861	RI-26-60.0-20170617	6/17/2017	8260B	71-43-2	Benzene	0.00059	J	0.00057	0.0011	mg/kg	J	bt,sp	TB contamination; < PQL	0.00069	0.00138	mg/kg
4401867861	RI-26-80.0-20170617	6/17/2017	8260B	79-01-6	Trichloroethene	0.00097	J	0.00062	0.0012	mg/kg	J	sp	< PQL			
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00060	0.0012	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0012	0.012	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0012	0.0060	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	108-86-1	Bromobenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00060	0.0012	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00060	0.0012	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0024	0.0060	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	99-87-6	p-Cymene		U*	0.00060	0.0012	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	79-01-6	Trichloroethene	0.00097	J	0.00060	0.0012	mg/kg	J	sp	< PQL			
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	91-20-3	Naphthalene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0012	0.0024	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867861	RI-26-90.0-20170617	6/17/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00060	0.0012	mg/kg	UJ	i	IS area (1,4-DCB-d4)	103874	137765-551058	area
4401867971	M-198-100.0-20170618	6/18/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	24.1	20	%
4401867971	M-198-100.0-20170618	6/18/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	27.4	20	%
4401867971	M-198-110.0-20170618	6/18/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	27.4	20	%
4401867971	M-198-110.0-20170618	6/18/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	24.1	20	%
4401867971	M-198-120.0-20170618	6/18/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0026	mg/kg	UJ	c	ICV %D	24.1	20	%
4401867971	M-198-120.0-20170618	6/18/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0026	mg/kg	UJ	c	ICV %D	27.4	20	%
4401867971	M-198-130.0-20170618	6/18/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	27.4	20	%
4401867971	M-198-130.0-20170618	6/18/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	24.1	20	%
4401867971	M-198-140.0-20170618	6/18/2017	8260B	74-87-3	Chloromethane		U	0.0018	0.0035	mg/kg	UJ	c	ICV %D	24.1	20	%
4401867971	M-198-140.0-20170618	6/18/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0018	0.0035	mg/kg	UJ	c	ICV %D	27.4	20	%
4401867971	M-198-150.0-20170618	6/18/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	27.4	20	%
4401867971	M-198-150.0-20170618	6/18/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	24.1	20	%
4401869201	M-196-100.0-20170620	6/20/2017	8260B	75-01-4	Vinyl Chloride		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	23.1	20	%
4401869201	M-196-100.0-20170620	6/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	28.0	20	%
4401869201	M-196-120.0-20170620	6/20/2017	8260B	75-01-4	Vinyl Chloride		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	23.1	20	%
4401869201	M-196-120.0-20170620	6/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	28.0	20	%
4401869201	M-196-130.0-20170620	6/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0025	mg/kg	UJ	c	ICV %D	28.0	20	%
4401869201	M-196-130.0-20170620	6/20/2017	8260B	75-01-4	Vinyl Chloride		U	0.0012	0.0025	mg/kg	UJ	c	ICV %D	23.1	20	%
4401869201	M-196-140.0-20170620	6/20/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0031	mg/kg	UJ	c	ICV %D	28.0	20	%
4401869201	M-196-140.0-20170620	6/20/2017	8260B	75-01-4	Vinyl Chloride		U	0.0015	0.0031	mg/kg	UJ	c	ICV %D	23.1	20	%
4401874371	RI-2-110.0-20170628	6/28/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	24.1	20	%
4401874371	RI-2-110.0-20170628	6/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	27.4	20	%
4401874371	RI-2-110.0-20170628-TB	6/28/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	24.1	20	%
4401874371	RI-2-110.0-20170628-TB	6/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	27.4	20	%
4401874371	RI-2-115.0-20170628	6/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0019	0.0037	mg/kg	UJ	c	ICV %D	27.4	20	%
4401874371	RI-2-115.0-20170628	6/28/2017	8260B	108-90-7	Chlorobenzene	0.0017	J	0.00093	0.0019	mg/kg	J	sp	< PQL			
4401874371	RI-2-115.0-20170628	6/28/2017	8260B	74-87-3	Chloromethane		U	0.0019	0.0037	mg/kg	UJ	c	ICV %D	24.1	20	%
4401874371	RI-2-120.0-20170628	6/28/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0032	mg/kg	UJ	c	ICV %D	24.1	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401874371	RI-2-120.0-20170628	6/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0032	mg/kg	UJ	c	ICV %D	27.4	20	%
4401874371	RI-2-125.0-20170628	6/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	27.4	20	%
4401874371	RI-2-125.0-20170628	6/28/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0029	mg/kg	UJ	c	ICV %D	24.1	20	%
4401874371	RI-2-130.0-20170628	6/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	27.4	20	%
4401874371	RI-2-130.0-20170628	6/28/2017	8260B	74-87-3	Chloromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	24.1	20	%
4401874371	RI-2-130.0-20170628-FD	6/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	27.4	20	%
4401874371	RI-2-130.0-20170628-FD	6/28/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	24.1	20	%
4401874371	RI-2-135.0-20170628	6/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	27.4	20	%
4401874371	RI-2-135.0-20170628	6/28/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	24.1	20	%
4401874371	RI-2-140.0-20170628	6/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	27.4	20	%
4401874371	RI-2-140.0-20170628	6/28/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	24.1	20	%
4401874371	RI-2-145.0-20170628	6/28/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	24.1	20	%
4401874371	RI-2-145.0-20170628	6/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	27.4	20	%
4401874371	RI-2-150.0-20170628	6/28/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.00098	J	0.00074	0.0015	mg/kg	J	sp	< PQL			
4401874371	RI-2-150.0-20170628	6/28/2017	8260B	74-87-3	Chloromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	24.1	20	%
4401874371	RI-2-150.0-20170628	6/28/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0015	0.0030	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875331	RI-3-10.0-20170629	6/29/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.00095	0.0019	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875331	RI-3-10.0-20170629	6/29/2017	8260B	71-43-2	Benzene	0.00063	J	0.00047	0.00095	mg/kg	J	sp	< PQL			
4401875331	RI-3-10.0-20170629	6/29/2017	8260B	74-87-3	Chloromethane		U	0.00095	0.0019	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875331	RI-3-20.0-20170629	6/29/2017	8260B	75-65-0	tert Butyl alcohol		U*	0.012	0.058	mg/kg	UJ	i	IS area (TBA-d9)	60070	66137-264548	area
4401875331	RI-3-20.0-20170629	6/29/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0023	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875331	RI-3-20.0-20170629	6/29/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0023	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875331	RI-3-40.0-20170629	6/29/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875331	RI-3-40.0-20170629	6/29/2017	8260B	120-82-1	1,2,4-Trichlorobenzene	0.0022	J	0.0012	0.0061	mg/kg	J	sp	< PQL			
4401875331	RI-3-40.0-20170629	6/29/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875331	RI-3-40.0-20170629	6/29/2017	8260B	108-90-7	Chlorobenzene	0.13	J	0.082	0.16	mg/kg	J	sp	< PQL			
4401875331	RI-3-40.0-20170629-FD	6/29/2017	8260B	120-82-1	1,2,4-Trichlorobenzene	0.0017	J	0.0013	0.0067	mg/kg	J	sp	< PQL			
4401875331	RI-3-40.0-20170629-FD	6/29/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875331	RI-3-40.0-20170629-FD	6/29/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0027	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875331	RI-3-5.0-20170629	6/29/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.00092	0.0018	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875331	RI-3-5.0-20170629	6/29/2017	8260B	71-43-2	Benzene	0.00075	J	0.00046	0.00092	mg/kg	J	sp	< PQL			
4401875331	RI-3-5.0-20170629	6/29/2017	8260B	74-87-3	Chloromethane		U	0.00092	0.0018	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875331	RI-3-5.0-20170629-TB	6/29/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875331	RI-3-5.0-20170629-TB	6/29/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875331	RI-3-50.0-20170629	6/29/2017	8260B	541-73-1	1,3-Dichlorobenzene	0.45	J	0.31	0.62	mg/kg	J	sp	< PQL			
4401875531	RI-3-100.0-20170629	6/29/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0023	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875531	RI-3-100.0-20170629	6/29/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0023	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875531	RI-3-105.0-20170629	6/29/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0023	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875531	RI-3-105.0-20170629	6/29/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0023	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	541-73-1	1,3-Dichlorobenzene		U*	0.00075	0.0015	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	95-50-1	1,2-Dichlorobenzene		U*	0.00075	0.0015	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	96-12-8	1,2-Dibromo-3-chloropropane		U*	0.0030	0.0075	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	104-51-8	n-Butylbenzene		U*	0.0015	0.0030	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	106-43-4	4-Chlorotoluene		U*	0.0015	0.0030	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	91-20-3	Naphthalene		U*	0.0015	0.0030	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	95-63-6	1,2,4-Trimethylbenzene		U*	0.0015	0.0030	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	95-49-8	2-Chlorotoluene		U*	0.0015	0.0030	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	99-87-6	p-Cymene		U*	0.00075	0.0015	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	87-61-6	1,2,3-Trichlorobenzene		U*	0.0015	0.0030	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	87-68-3	Hexachlorobutadiene		U*	0.0015	0.0030	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	79-34-5	1,1,2,2-Tetrachloroethane		U*	0.0015	0.0030	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	96-18-4	1,2,3-Trichloropropane		U*	0.0015	0.015	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	103-65-1	n-Propylbenzene		U*	0.00075	0.0015	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	108-67-8	1,3,5-Trimethylbenzene		U*	0.0015	0.0030	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	135-98-8	sec-Butylbenzene		U*	0.0015	0.0030	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	120-82-1	1,2,4-Trichlorobenzene		U*	0.0015	0.0075	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	98-06-6	tert-Butylbenzene		U*	0.0015	0.0030	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	108-86-1	Bromobenzene		U*	0.0015	0.0030	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-110.0-20170629	6/29/2017	8260B	106-46-7	1,4-Dichlorobenzene		U*	0.00075	0.0015	mg/kg	UJ	i	IS area (1,4-DCB-d4)	115742	116984-467934	area
4401875531	RI-3-120.0-20170630-FD	6/30/2017	8260B	75-01-4	Vinyl Chloride		U	0.0020	0.0040	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875531	RI-3-120.0-20170630-FD	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0020	0.0040	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875531	RI-3-120.0-20170630-FD	6/30/2017	8260B	74-87-3	Chloromethane		U	0.0020	0.0040	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875531	RI-3-120.0-20170630-FD	6/30/2017	8260B	67-64-1	Acetone		U	0.016	0.040	mg/kg	UJ	c	CCV %D	21.0	20	%
4401875531	RI-3-125.0-20170630	6/30/2017	8260B	75-01-4	Vinyl Chloride		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	23.1	20	%
4401875531	RI-3-125.0-20170630	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	28.0	20	%
4401875531	RI-3-130.0-20170630	6/30/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0025	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875531	RI-3-130.0-20170630	6/30/2017	8260B	67-64-1	Acetone		U	0.0098	0.025	mg/kg	UJ	c	CCV %D	21.0	20	%
4401875531	RI-3-130.0-20170630	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0025	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875531	RI-3-130.0-20170630	6/30/2017	8260B	75-01-4	Vinyl Chloride		U	0.0012	0.0025	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875531	RI-3-135.0-20170630	6/30/2017	8260B	75-01-4	Vinyl Chloride		U	0.0018	0.0037	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875531	RI-3-135.0-20170630	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0018	0.0037	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875531	RI-3-135.0-20170630	6/30/2017	8260B	67-64-1	Acetone		U	0.015	0.037	mg/kg	UJ	c	CCV %D	21.0	20	%
4401875531	RI-3-135.0-20170630	6/30/2017	8260B	74-87-3	Chloromethane		U	0.0018	0.0037	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875531	RI-3-140.0-20170630	6/30/2017	8260B	74-87-3	Chloromethane		U	0.0013	0.0025	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875531	RI-3-140.0-20170630	6/30/2017	8260B	75-01-4	Vinyl Chloride		U	0.0013	0.0025	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875531	RI-3-140.0-20170630	6/30/2017	8260B	67-64-1	Acetone		U	0.010	0.025	mg/kg	UJ	c	CCV %D	21.0	20	%
4401875531	RI-3-140.0-20170630	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0013	0.0025	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875531	RI-3-145.0-20170630	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875531	RI-3-145.0-20170630	6/30/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875531	RI-3-145.0-20170630	6/30/2017	8260B	75-01-4	Vinyl Chloride		U	0.0014	0.0029	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875531	RI-3-145.0-20170630	6/30/2017	8260B	67-64-1	Acetone		U	0.012	0.029	mg/kg	UJ	c	CCV %D	21.0	20	%
4401875531	RI-3-150.0-20170630	6/30/2017	8260B	75-01-4	Vinyl Chloride		U	0.0023	0.0045	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875531	RI-3-150.0-20170630	6/30/2017	8260B	74-87-3	Chloromethane		U	0.0023	0.0045	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875531	RI-3-150.0-20170630	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0023	0.0045	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875531	RI-3-150.0-20170630	6/30/2017	8260B	67-64-1	Acetone		U	0.018	0.045	mg/kg	UJ	c	CCV %D	21.0	20	%
4401875531	RI-3-80.0-20170629	6/29/2017	8260B	74-87-3	Chloromethane		U	0.40	1.0	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875531	RI-3-80.0-20170629	6/29/2017	8260B	95-50-1	1,2-Dichlorobenzene	0.21	J	0.20	0.40	mg/kg	J	sp	< PQL			
4401875531	RI-3-80.0-20170629	6/29/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.40	1.0	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875531	RI-3-90.0-20170629	6/29/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0019	0.0037	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875531	RI-3-90.0-20170629	6/29/2017	8260B	74-87-3	Chloromethane		U	0.0019	0.0037	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875531	RI-3-95.0-20170629	6/29/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0019	0.0039	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875531	RI-3-95.0-20170629	6/29/2017	8260B	74-87-3	Chloromethane		U	0.0019	0.0039	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875531	RI-3-95.0-20170629	6/29/2017	8260B	67-66-3	Chloroform	0.0013	J	0.00097	0.0019	mg/kg	J	sp	< PQL			
4401875891	RI-4-5.0-20170630	6/30/2017	8260B	67-66-3	Chloroform	0.00065	J	0.00044	0.00088	mg/kg	J	sp	< PQL			
4401875941	RI-4-10.0-20170630	6/30/2017	8260B	67-66-3	Chloroform	0.00088	J	0.00051	0.0010	mg/kg	J	sp	< PQL			
4401875941	RI-4-10.0-20170630	6/30/2017	8260B	75-01-4	Vinyl Chloride		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-10.0-20170630	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-10.0-20170630	6/30/2017	8260B	74-87-3	Chloromethane		U	0.0010	0.0020	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-100.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	1.6	3.9	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875941	RI-4-100.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	1.6	3.9	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875941	RI-4-100.0-20170701	7/1/2017	8260B	541-73-1	1,3-Dichlorobenzene	1.4	J	0.78	1.6	mg/kg	J	sp	< PQL			
4401875941	RI-4-105.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.70	1.8	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875941	RI-4-105.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.70	1.8	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875941	RI-4-110.0-20170701	7/1/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.00090	J	0.00078	0.0016	mg/kg	J	sp	< PQL			
4401875941	RI-4-110.0-20170701	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-110.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-110.0-20170701	7/1/2017	8260B	71-43-2	Benzene	0.0011	J	0.00078	0.0016	mg/kg	J	sp	< PQL			
4401875941	RI-4-110.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0031	mg/kg	UJ	c	ICV %D	32.4	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401875941	RI-4-110.0-20170701	7/1/2017	8260B	67-66-3	Chloroform	0.00086	J	0.00078	0.0016	mg/kg	J	sp	< PQL			
4401875941	RI-4-115.0-20170701	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.00078	0.0016	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-115.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.00078	0.0016	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-115.0-20170701	7/1/2017	8260B	71-43-2	Benzene	0.00047	J	0.00039	0.00078	mg/kg	J	sp	< PQL			
4401875941	RI-4-115.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.00078	0.0016	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-120.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.0019	0.0037	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-120.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0019	0.0037	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-120.0-20170701	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.0019	0.0037	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-120.0-20170701-FD	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-120.0-20170701-FD	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-120.0-20170701-FD	7/1/2017	8260B	74-87-3	Chloromethane		U	0.0017	0.0034	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-125.0-20170701	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-125.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-125.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0028	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-130.0-20170701	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.0019	0.0039	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-130.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0019	0.0039	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-130.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.0019	0.0039	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-135.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.0021	0.0042	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-135.0-20170701	7/1/2017	8260B	67-66-3	Chloroform	0.0013	J	0.0010	0.0021	mg/kg	J	sp	< PQL			
4401875941	RI-4-135.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0021	0.0042	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-135.0-20170701	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.0021	0.0042	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-140.0-20170701	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-140.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-140.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.0014	0.0027	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-145.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0023	0.0046	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-145.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.0023	0.0046	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-145.0-20170701	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.0023	0.0046	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-150.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-150.0-20170701	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-150.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.0016	0.0033	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-20.0-20170630	6/30/2017	8260B	74-87-3	Chloromethane		U	0.00083	0.0017	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-20.0-20170630	6/30/2017	8260B	67-66-3	Chloroform	0.00064	J	0.00042	0.00083	mg/kg	J	sp	< PQL			
4401875941	RI-4-20.0-20170630	6/30/2017	8260B	106-46-7	1,4-Dichlorobenzene	0.00078	J	0.00042	0.00083	mg/kg	J	sp	< PQL			
4401875941	RI-4-20.0-20170630	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.00083	0.0017	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-20.0-20170630	6/30/2017	8260B	75-01-4	Vinyl Chloride		U	0.00083	0.0017	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-30.0-20170630	6/30/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-30.0-20170630	6/30/2017	8260B	67-66-3	Chloroform	0.064		0.00054	0.0011	mg/kg	J	fd	FD RPD	72	50	%
4401875941	RI-4-30.0-20170630	6/30/2017	8260B	75-01-4	Vinyl Chloride		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-30.0-20170630	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0022	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-30.0-20170630-FD	6/30/2017	8260B	74-87-3	Chloromethane		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-30.0-20170630-FD	6/30/2017	8260B	75-01-4	Vinyl Chloride		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-30.0-20170630-FD	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0012	0.0024	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-30.0-20170630-FD	6/30/2017	8260B	67-66-3	Chloroform	0.030		0.00059	0.0012	mg/kg	J	fd	FD RPD	72	50	%
4401875941	RI-4-40.0-20170630	6/30/2017	8260B	74-87-3	Chloromethane		U	0.13	0.33	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875941	RI-4-40.0-20170630	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.13	0.33	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875941	RI-4-40.0-20170630	6/30/2017	8260B	71-43-2	Benzene	0.072	J	0.065	0.13	mg/kg	J	sp	< PQL			
4401875941	RI-4-50.0-20170630	6/30/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.16	0.40	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875941	RI-4-50.0-20170630	6/30/2017	8260B	56-23-5	Carbon Tetrachloride	0.22	J	0.16	0.40	mg/kg	J	sp	< PQL			
4401875941	RI-4-50.0-20170630	6/30/2017	8260B	74-87-3	Chloromethane		U	0.16	0.40	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875941	RI-4-60.0-20170701	7/1/2017	8260B	56-23-5	Carbon Tetrachloride	0.23	J	0.22	0.56	mg/kg	J	sp	< PQL			
4401875941	RI-4-60.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.22	0.56	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875941	RI-4-60.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.22	0.56	mg/kg	UJ	c	ICV %D	24.1	20	%
4401875941	RI-4-70.0-20170701	7/1/2017	8260B	56-23-5	Carbon Tetrachloride	0.40	J	0.26	0.65	mg/kg	J	sp	< PQL			
4401875941	RI-4-70.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.26	0.65	mg/kg	UJ	c	ICV %D	24.1	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401875941	RI-4-70.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.26	0.65	mg/kg	UJ	c	ICV %D	27.4	20	%
4401875941	RI-4-80.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0019	0.0037	mg/kg	UJ	c	ICV %D	28.0	20	%
4401875941	RI-4-80.0-20170701	7/1/2017	8260B	67-66-3	Chloroform	0.090	F1	0.00093	0.0019	mg/kg	J+	m	MS/MSD %R	136	65-135	%
4401875941	RI-4-80.0-20170701	7/1/2017	8260B	56-23-5	Carbon Tetrachloride	0.00096	J	0.00093	0.0037	mg/kg	J+	c,sp	CCV %D; < PQL	20.9	20	%
4401875941	RI-4-80.0-20170701	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.0019	0.0037	mg/kg	UJ	c	ICV %D	23.1	20	%
4401875941	RI-4-90.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0011	0.0023	mg/kg	UJ	c	ICV %D	39.8	20	%
4401875941	RI-4-90.0-20170701	7/1/2017	8260B	67-66-3	Chloroform	0.00099	J	0.00057	0.0011	mg/kg	J	sp	< PQL			
4401875941	RI-4-90.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.0011	0.0023	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-90.0-20170701	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.0011	0.0023	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-95.0-20170701	7/1/2017	8260B	74-87-3	Chloromethane		U	0.0028	0.0056	mg/kg	UJ	c	ICV %D	32.4	20	%
4401875941	RI-4-95.0-20170701	7/1/2017	8260B	75-01-4	Vinyl Chloride		U	0.0028	0.0056	mg/kg	UJ	c	ICV %D	24.2	20	%
4401875941	RI-4-95.0-20170701	7/1/2017	8260B	75-71-8	Dichlorodifluoromethane		U	0.0028	0.0056	mg/kg	UJ	c	ICV %D	39.8	20	%
4401832931	M-5D-20170501	5/1/2017	8260BSIM	123-91-1	1,4-Dioxane	0.74	J	0.50	2.0	ug/l	J-	s,sp	Surrogate %R (DBFM); < PQL	49	80-120	%
4401832931	M-5D-20170501	5/1/2017	8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0046	J	0.0025	0.0050	ug/l	J-	s,sp	Surrogate %R (DBFM); < PQL	49	80-120	%
4401834231	M-125D-20170502	5/2/2017	8260BSIM	96-18-4	1,2,3-Trichloropropane	0.021		0.0025	0.0050	ug/l	J+	s	Surrogate %R (DBFM)	162	80-120	%
4401834231	M-202-20170502	5/2/2017	8260BSIM	123-91-1	1,4-Dioxane	0.60	J	0.50	2.0	ug/l	J	sp	< PQL			
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	51-28-5	2,4-Dinitrophenol		UF1	0.58	1.2	mg/kg	UJ	m	MS/MSD %R	-,19	20-120	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	100-02-7	4-Nitrophenol		UF2F1	0.25	1.5	mg/kg	UJ	c,m	CCV %D; MS/MSD %R	38.3; -,32	20; 35-125	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	120-12-7	Anthracene		UF2F1	0.14	0.58	mg/kg	UJ	m	MS/MSD %R	-,50	55-120	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	88-74-4	2-Nitroaniline		UF2	0.12	0.58	mg/kg	UJ	c	CCV %D	20.3	20	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	56-55-3	Benzo(a)anthracene		UF2F1	0.12	0.58	mg/kg	UJ	m	MS/MSD %R	-,47	50-120	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	65-85-0	Benzoic Acid		UF1	0.60	1.5	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	117-81-7	bis(2-Ethylhexyl)phthalate		UF2F1	0.16	0.58	mg/kg	UJ	m	MS/MSD %R	-,37	45-130	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	218-01-9	Chrysene		UF2F1	0.13	0.58	mg/kg	UJ	m	MS/MSD %R	-,47	55-120	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	84-66-2	Diethylphthalate		UF2F1	0.17	0.58	mg/kg	UJ	m	MS/MSD %R	-,45	50-125	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	84-74-2	Di-n-butylphthalate		UF2F1	0.16	0.58	mg/kg	UJ	m	MS/MSD %R	-,41	50-125	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	117-84-0	Di-n-octylphthalate		UF2F1	0.16	0.58	mg/kg	UJ	m	MS/MSD %R	-,37	50-135	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	206-44-0	Fluoranthene		UF2F1	0.12	0.58	mg/kg	UJ	m	MS/MSD %R	-,43	45-120	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	118-74-1	Hexachlorobenzene		UF2F1	0.12	0.58	mg/kg	UJ	m	MS/MSD %R	-,47	50-120	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	77-47-4	Hexachlorocyclopentadiene		UF1	0.24	1.5	mg/kg	R	m	MS/MSD %R	-,0	20-125	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	92-87-5	Benzidine		UF2	1.2	2.4	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270C	110-86-1	Pyridine		UF2F1	0.27	0.60	mg/kg	UJ	m	MS/MSD %R	-,20	25-130	%
4401778261	RIDB-8-1.0-20170222	2/22/2017	8270C	92-87-5	Benzidine		U	1.5	3.1	mg/kg	UJ	c	ICV %D	21.3	20	%
4401778261	RIDB-8-1.0-20170222	2/22/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.31	1.9	mg/kg	UJ	c	ICV %D	25.8	20	%
4401778261	RIDB-8-10.0-20170222	2/22/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	21.3	20	%
4401778261	RIDB-8-10.0-20170222	2/22/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.89	mg/kg	UJ	c	ICV %D	25.8	20	%
4401778261	RIDB-8-20.0-20170222	2/22/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.89	mg/kg	UJ	c	ICV %D	25.8	20	%
4401778261	RIDB-8-20.0-20170222	2/22/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	21.3	20	%
4401778261	RIDB-8-30.0-20170222	2/22/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.16	0.97	mg/kg	UJ	c	ICV %D	25.8	20	%
4401778261	RIDB-8-30.0-20170222	2/22/2017	8270C	92-87-5	Benzidine		U	0.77	1.6	mg/kg	UJ	c	ICV %D	21.3	20	%
4401778261	RIDB-8-30.0-20170222-FD	2/22/2017	8270C	92-87-5	Benzidine		U	0.75	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401778261	RIDB-8-30.0-20170222-FD	2/22/2017	8270C	100-02-7	4-Nitrophenol		U	0.16	0.94	mg/kg	UJ	c	CCV %D	31.7	20	%
4401778261	RIDB-8-5.0-20170222	2/22/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.91	mg/kg	UJ	c	ICV %D	25.8	20	%
4401778261	RIDB-8-5.0-20170222	2/22/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	21.3	20	%
4401778261	RIDB-9-1.0-20170222	2/22/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.31	2.0	mg/kg	UJ	c	ICV %D	25.8	20	%
4401778261	RIDB-9-1.0-20170222	2/22/2017	8270C	92-87-5	Benzidine		UF1	1.6	3.1	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401778261	RIDB-9-5.0-20170222	2/22/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.31	1.9	mg/kg	UJ	c	ICV %D	25.8	20	%
4401778261	RIDB-9-5.0-20170222	2/22/2017	8270C	92-87-5	Benzidine		U	1.5	3.1	mg/kg	UJ	c	ICV %D	21.3	20	%
4401780271	RIDB-14-1.0-20170223	2/23/2017	8270C	92-87-5	Benzidine		U	1.5	3.0	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401780271	RIDB-14-1.0-20170223	2/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.31	1.8	mg/kg	UJ	c	CCV %D	38.3	20	%
4401780271	RIDB-14-1.0-20170223	2/23/2017	8270C	88-74-4	2-Nitroaniline		U	0.15	0.73	mg/kg	UJ	c	CCV %D	20.3	20	%
4401780271	RIDB-14-10.0-20170223	2/23/2017	8270C	92-87-5	Benzidine		UF1	0.75	1.5	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401780271	RIDB-14-10.0-20170223	2/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.16	0.94	mg/kg	UJ	c	CCV %D	38.3	20	%
4401780271	RIDB-14-10.0-20170223	2/23/2017	8270C	51-28-5	2,4-Dinitrophenol		UF1	0.37	0.75	mg/kg	UJ	m	MS/MSD %R	15,10	20-120	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401780271	RIDB-14-10.0-20170223	2/23/2017	8270C	65-85-0	Benzoic Acid		UF1	0.39	0.94	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401780271	RIDB-14-10.0-20170223	2/23/2017	8270C	88-74-4	2-Nitroaniline		U	0.076	0.37	mg/kg	UJ	c	CCV %D	20.3	20	%
4401780271	RIDB-14-20.0-20170223	2/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.31	1.8	mg/kg	UJ	c	CCV %D	38.3	20	%
4401780271	RIDB-14-20.0-20170223	2/23/2017	8270C	88-74-4	2-Nitroaniline		U	0.15	0.73	mg/kg	UJ	c	CCV %D	20.3	20	%
4401780271	RIDB-14-20.0-20170223	2/23/2017	8270C	92-87-5	Benzidine		U	1.5	3.0	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401780271	RIDB-14-5.0-20170223	2/23/2017	8270C	92-87-5	Benzidine		U	1.5	3.1	mg/kg	UJ	c	ICV %D	24.3	20	%
4401780271	RIDB-14-5.0-20170223	2/23/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.31	1.9	mg/kg	UJ	c	CCV %D	23.1	20	%
4401780271	RIDB-14-5.0-20170223	2/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.33	1.9	mg/kg	UJ	c	CCV %D	35.1	20	%
4401780271	RIDB-14-5.0-20170223	2/23/2017	8270C	88-74-4	2-Nitroaniline		U	0.16	0.77	mg/kg	UJ	c	CCV %D	20.7	20	%
4401780271	RIDB-9-10.0-20170223	2/23/2017	8270C	92-87-5	Benzidine		U	1.6	3.2	mg/kg	UJ	c	ICV %D	24.3	20	%
4401780271	RIDB-9-10.0-20170223	2/23/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.31	2.0	mg/kg	UJ	c	CCV %D	25.2	20	%
4401780271	RIDB-9-10.0-20170223	2/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.33	2.0	mg/kg	UJ	c	CCV %D	30.4	20	%
4401780271	RIDB-9-20.0-20170223	2/23/2017	8270C	88-74-4	2-Nitroaniline		U	0.072	0.36	mg/kg	UJ	c	CCV %D	20.3	20	%
4401780271	RIDB-9-20.0-20170223	2/23/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401780271	RIDB-9-20.0-20170223	2/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.90	mg/kg	UJ	c	CCV %D	38.3	20	%
4401780271	RIDB-9-30.0-20170223	2/23/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.31	1.9	mg/kg	UJ	c	ICV %D	25.8	20	%
4401780271	RIDB-9-30.0-20170223	2/23/2017	8270C	92-87-5	Benzidine		U	1.5	3.1	mg/kg	UJ	c	ICV %D	21.3	20	%
4401781721	RIDB-10-1.0-20170223	2/23/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401781721	RIDB-10-1.0-20170223	2/23/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401781721	RIDB-10-10.0-20170224	2/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.89	mg/kg	UJ	c	CCV %D	38.3	20	%
4401781721	RIDB-10-10.0-20170224	2/24/2017	8270C	88-74-4	2-Nitroaniline		U	0.072	0.35	mg/kg	UJ	c	CCV %D	20.3	20	%
4401781721	RIDB-10-10.0-20170224	2/24/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401781721	RIDB-10-20.0-20170224	2/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.87	mg/kg	UJ	c	CCV %D	38.3	20	%
4401781721	RIDB-10-20.0-20170224	2/24/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401781721	RIDB-10-20.0-20170224	2/24/2017	8270C	88-74-4	2-Nitroaniline		U	0.070	0.34	mg/kg	UJ	c	CCV %D	20.3	20	%
4401781721	RIDB-10-30.0-20170224	2/24/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.39	2.5	mg/kg	UJ	c	ICV %D	27.4	20	%
4401781721	RIDB-10-30.0-20170224	2/24/2017	8270C	92-87-5	Benzidine		U	2.0	4.0	mg/kg	UJ	c	ICV %D	25.1	20	%
4401781721	RIDB-10-5.0-20170223	2/23/2017	8270C	65-85-0	Benzoic Acid		UF1	0.38	0.93	mg/kg	R	m	MS/MSD %R	19,0	20-120	%
4401781721	RIDB-10-5.0-20170223	2/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.16	0.93	mg/kg	UJ	c	CCV %D	38.3	20	%
4401781721	RIDB-10-5.0-20170223	2/23/2017	8270C	92-87-5	Benzidine		UF1	0.74	1.5	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401781721	RIDB-10-5.0-20170223	2/23/2017	8270C	88-74-4	2-Nitroaniline		U	0.075	0.37	mg/kg	UJ	c	CCV %D	20.3	20	%
4401781721	RIDB-13-1.0-20170224	2/24/2017	8270C	92-87-5	Benzidine		U	0.67	1.4	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401781721	RIDB-13-1.0-20170224	2/24/2017	8270C	88-74-4	2-Nitroaniline		U	0.068	0.33	mg/kg	UJ	c	CCV %D	20.3	20	%
4401781721	RIDB-13-1.0-20170224	2/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.14	0.84	mg/kg	UJ	c	CCV %D	38.3	20	%
4401781721	RIDB-13-10.0-20170224	2/24/2017	8270C	92-87-5	Benzidine		U	0.73	1.5	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401781721	RIDB-13-10.0-20170224	2/24/2017	8270C	88-74-4	2-Nitroaniline		U	0.074	0.37	mg/kg	UJ	c	CCV %D	20.3	20	%
4401781721	RIDB-13-10.0-20170224	2/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.16	0.92	mg/kg	UJ	c	CCV %D	38.3	20	%
4401781721	RIDB-13-20.0-20170224	2/24/2017	8270C	88-74-4	2-Nitroaniline		U	0.15	0.72	mg/kg	UJ	c	CCV %D	20.3	20	%
4401781721	RIDB-13-20.0-20170224	2/24/2017	8270C	92-87-5	Benzidine		U	1.4	2.9	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401781721	RIDB-13-20.0-20170224	2/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.31	1.8	mg/kg	UJ	c	CCV %D	38.3	20	%
4401781721	RIDB-13-30.0-20170224	2/24/2017	8270C	88-74-4	2-Nitroaniline		U	0.22	1.1	mg/kg	UJ	c	CCV %D	20.3	20	%
4401781721	RIDB-13-30.0-20170224	2/24/2017	8270C	92-87-5	Benzidine		U	2.1	4.3	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401781721	RIDB-13-30.0-20170224	2/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.45	2.7	mg/kg	UJ	c	CCV %D	38.3	20	%
4401781721	RIDB-13-30.0-20170224-FD	2/24/2017	8270C	88-74-4	2-Nitroaniline		U	0.22	1.1	mg/kg	UJ	c	CCV %D	20.3	20	%
4401781721	RIDB-13-30.0-20170224-FD	2/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.46	2.8	mg/kg	UJ	c	CCV %D	38.3	20	%
4401781721	RIDB-13-30.0-20170224-FD	2/24/2017	8270C	92-87-5	Benzidine		U	2.2	4.4	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401781721	RIDB-13-5.0-20170224	2/24/2017	8270C	88-74-4	2-Nitroaniline		U	0.073	0.36	mg/kg	UJ	c	CCV %D	20.3	20	%
4401781721	RIDB-13-5.0-20170224	2/24/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401781721	RIDB-13-5.0-20170224	2/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.90	mg/kg	UJ	c	CCV %D	38.3	20	%
4401781721	RIDB-14-30.0-20170223	2/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.91	mg/kg	UJ	c	CCV %D	38.3	20	%
4401781721	RIDB-14-30.0-20170223	2/23/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV, CCV %D	24.3,22.2	20	%
4401781721	RIDB-14-30.0-20170223	2/23/2017	8270C	88-74-4	2-Nitroaniline		U	0.073	0.36	mg/kg	UJ	c	CCV %D	20.3	20	%
4401783023	RIDB-6-0.5-20170225	2/25/2017	8270C	92-87-5	Benzidine		U	1.5	3.1	mg/kg	UJ	c	ICV %D	24.3	20	%
4401783023	RIDB-6-0.5-20170225	2/25/2017	8270C	118-74-1	Hexachlorobenzene	0.36	J	0.16	0.77	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401783023	RIDB-6-0.5-20170225	2/25/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.31	1.9	mg/kg	UJ	c	CCV %D	23.1	20	%
4401783023	RIDB-6-0.5-20170225	2/25/2017	8270C	88-74-4	2-Nitroaniline		U	0.16	0.77	mg/kg	UJ	c	CCV %D	20.7	20	%
4401783023	RIDB-6-0.5-20170225	2/25/2017	8270C	100-02-7	4-Nitrophenol		U	0.33	1.9	mg/kg	UJ	c	CCV %D	35.1	20	%
4401783023	RIDB-6-10.0-20170226	2/26/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.89	mg/kg	UJ	c	CCV %D	31.7	20	%
4401783023	RIDB-6-10.0-20170226	2/26/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401783023	RIDB-6-20.0-20170226	2/26/2017	8270C	92-87-5	Benzidine		UF2	0.91	1.8	mg/kg	UJ	c	ICV %D	24.3	20	%
4401783023	RIDB-6-20.0-20170226	2/26/2017	8270C	65-85-0	Benzoic Acid		UF1	0.47	1.1	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401783023	RIDB-6-20.0-20170226	2/26/2017	8270C	100-02-7	4-Nitrophenol		U	0.19	1.1	mg/kg	UJ	c	CCV %D	31.7	20	%
4401783023	RIDB-6-30.0-20170226	2/26/2017	8270C	100-02-7	4-Nitrophenol		U	0.45	2.7	mg/kg	UJ	c	CCV %D	31.7	20	%
4401783023	RIDB-6-30.0-20170226	2/26/2017	8270C	92-87-5	Benzidine		U	2.1	4.3	mg/kg	UJ	c	ICV %D	24.3	20	%
4401783023	RIDB-6-40.0-20170226	2/26/2017	8270C	92-87-5	Benzidine		U	2.3	4.7	mg/kg	UJ	c	ICV %D	24.3	20	%
4401783023	RIDB-6-40.0-20170226	2/26/2017	8270C	100-02-7	4-Nitrophenol		U	0.49	2.9	mg/kg	UJ	c	CCV %D	31.7	20	%
4401783023	RIDB-6-5.0-20170225	2/25/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.88	mg/kg	UJ	c	CCV %D	31.7	20	%
4401783023	RIDB-6-5.0-20170225	2/25/2017	8270C	118-74-1	Hexachlorobenzene	0.21	J	0.074	0.35	mg/kg	J	sp	< PQL			
4401783023	RIDB-6-5.0-20170225	2/25/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401783023	RIDB-6-5.0-20170225-FD	2/25/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.87	mg/kg	UJ	c	CCV %D	31.7	20	%
4401783023	RIDB-6-5.0-20170225-FD	2/25/2017	8270C	118-74-1	Hexachlorobenzene	0.17	J	0.073	0.35	mg/kg	J	sp	< PQL			
4401783023	RIDB-6-5.0-20170225-FD	2/25/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401783023	RIDB-6-50.0-20170226	2/26/2017	8270C	92-87-5	Benzidine		U	2.6	5.2	mg/kg	UJ	c	ICV %D	24.3	20	%
4401783023	RIDB-6-50.0-20170226	2/26/2017	8270C	100-02-7	4-Nitrophenol		U	0.55	3.2	mg/kg	UJ	c	CCV %D	31.7	20	%
4401783023	RIDB-6-60.0-20170226	2/26/2017	8270C	100-02-7	4-Nitrophenol		U	0.43	2.6	mg/kg	UJ	c	CCV %D	31.7	20	%
4401783023	RIDB-6-60.0-20170226	2/26/2017	8270C	92-87-5	Benzidine		U	2.0	4.1	mg/kg	UJ	c	ICV %D	24.3	20	%
4401790221	RIDB-20-1.0-20170307	3/7/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401790221	RIDB-20-1.0-20170307	3/7/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.88	mg/kg	UJ	c	ICV %D	27.4	20	%
4401790221	RIDB-20-1.0-20170307	3/7/2017	8270C	118-74-1	Hexachlorobenzene	0.095	J	0.074	0.35	mg/kg	J	sp	< PQL			
4401790221	RIDB-4-0.5-20170306	3/6/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401790221	RIDB-4-0.5-20170306	3/6/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401790221	RIDB-4-10.0-20170307	3/7/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.16	1.0	mg/kg	UJ	c	ICV %D	27.4	20	%
4401790221	RIDB-4-10.0-20170307	3/7/2017	8270C	92-87-5	Benzidine		U	0.82	1.7	mg/kg	UJ	c	ICV %D	25.1	20	%
4401790221	RIDB-4-10.0-20170307-FD	3/7/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.18	1.1	mg/kg	UJ	c	ICV %D	27.4	20	%
4401790221	RIDB-4-10.0-20170307-FD	3/7/2017	8270C	92-87-5	Benzidine		U	0.89	1.8	mg/kg	UJ	c	ICV %D	25.1	20	%
4401790221	RIDB-4-20.0-20170307	3/7/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.20	1.3	mg/kg	UJ	c	ICV %D	27.4	20	%
4401790221	RIDB-4-20.0-20170307	3/7/2017	8270C	92-87-5	Benzidine		U	1.0	2.0	mg/kg	UJ	c	ICV %D	25.1	20	%
4401790221	RIDB-4-30.0-20170307	3/7/2017	8270C	92-87-5	Benzidine		U	2.0	4.1	mg/kg	UJ	c	ICV %D	25.1	20	%
4401790221	RIDB-4-30.0-20170307	3/7/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.41	2.5	mg/kg	UJ	c	ICV %D	27.4	20	%
4401790221	RIDB-4-40.0-20170307	3/7/2017	8270C	92-87-5	Benzidine		U	2.4	4.8	mg/kg	UJ	c	ICV, CCV %D	24.3,28.2	20	%
4401790221	RIDB-4-40.0-20170307	3/7/2017	8270C	100-51-6	Benzyl Alcohol		U	0.53	1.2	mg/kg	UJ	c	CCV %D	23.4	20	%
4401790221	RIDB-4-40.0-20170307	3/7/2017	8270C	100-02-7	4-Nitrophenol		U	0.50	3.0	mg/kg	UJ	c	CCV %D	42	20	%
4401790221	RIDB-4-40.0-20170307	3/7/2017	8270C	65-85-0	Benzoic Acid		UF1	1.2	3.0	mg/kg	UJ	m	MS/MSD %R	-,17	20-120	%
4401790221	RIDB-4-40.0-20170307	3/7/2017	8270C	84-66-2	Diethylphthalate		U	0.34	1.2	mg/kg	UJ	c	CCV %D	21.1	20	%
4401790221	RIDB-4-5.0-20170307	3/7/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401790221	RIDB-4-5.0-20170307	3/7/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.91	mg/kg	UJ	c	ICV %D	27.4	20	%
4401790221	RIDB-4-50.0-20170307	3/7/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.40	2.5	mg/kg	UJ	c	ICV %D	27.4	20	%
4401790221	RIDB-4-50.0-20170307	3/7/2017	8270C	92-87-5	Benzidine		U	2.0	4.0	mg/kg	UJ	c	ICV %D	25.1	20	%
4401790221	RIDB-4-60.0-20170307	3/7/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.44	2.8	mg/kg	UJ	c	ICV %D	27.4	20	%
4401790221	RIDB-4-60.0-20170307	3/7/2017	8270C	92-87-5	Benzidine		U	2.2	4.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401791531	RIDB-1-0.5-20170308	3/8/2017	8270C	92-87-5	Benzidine		UF1	0.66	1.3	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401791531	RIDB-1-0.5-20170308	3/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.13	0.83	mg/kg	UJ	c	ICV %D	27.4	20	%
4401791531	RIDB-1-10.0-20170308	3/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV %D	27.4	20	%
4401791531	RIDB-1-10.0-20170308	3/8/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.16	1.0	mg/kg	UJ	c	ICV %D	27.4	20	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8270C	92-87-5	Benzidine		U	0.80	1.6	mg/kg	UJ	c	ICV %D	25.1	20	%
4401791531	RIDB-1-30.0-20170308	3/8/2017	8270C	92-87-5	Benzidine		U	0.92	1.9	mg/kg	UJ	c	ICV %D	25.1	20	%
4401791531	RIDB-1-30.0-20170308	3/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.19	1.2	mg/kg	UJ	c	ICV %D	27.4	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401791531	RIDB-1-30.0-20170308-EB	3/8/2017	8270C	92-87-5	Benzidine		U*	5.1	10	ug/l	R	l	LCS/LCSD %R	0,100	5-65	%
4401791531	RIDB-1-5.0-20170308	3/8/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.88	mg/kg	UJ	c	ICV, CCV %D	24.3,36.2	20	%
4401791531	RIDB-20-10.0-20170308	3/8/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401791531	RIDB-20-10.0-20170308	3/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.89	mg/kg	UJ	c	ICV %D	27.4	20	%
4401791531	RIDB-20-20.0-20170308	3/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.92	mg/kg	UJ	c	ICV %D	27.4	20	%
4401791531	RIDB-20-20.0-20170308	3/8/2017	8270C	92-87-5	Benzidine		U	0.73	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401791531	RIDB-20-30.0-20170308	3/8/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401791531	RIDB-20-30.0-20170308	3/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.89	mg/kg	UJ	c	ICV %D	27.4	20	%
4401791531	RIDB-20-30.0-20170308-FD	3/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.88	mg/kg	UJ	c	ICV %D	27.4	20	%
4401791531	RIDB-20-30.0-20170308-FD	3/8/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401791531	RIDB-20-5.0-20170307	3/7/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401791531	RIDB-20-5.0-20170307	3/7/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401792801	RIDB-17-1.0-20170309	3/9/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.89	mg/kg	UJ	c	CCV %D	32.5	20	%
4401792801	RIDB-17-1.0-20170309	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.89	mg/kg	UJ	c	CCV %D	21.5	20	%
4401792801	RIDB-17-1.0-20170309	3/9/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401792801	RIDB-17-10.0-20170309	3/9/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.91	mg/kg	UJ	c	CCV %D	32.5	20	%
4401792801	RIDB-17-10.0-20170309	3/9/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401792801	RIDB-17-10.0-20170309	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.91	mg/kg	UJ	c	CCV %D	21.5	20	%
4401792801	RIDB-17-20.0-20170309	3/9/2017	8270C	100-02-7	4-Nitrophenol		U	0.14	0.86	mg/kg	UJ	c	CCV %D	32.5	20	%
4401792801	RIDB-17-20.0-20170309	3/9/2017	8270C	92-87-5	Benzidine		U	0.68	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401792801	RIDB-17-20.0-20170309	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.86	mg/kg	UJ	c	CCV %D	21.5	20	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.41	2.6	mg/kg	UJ	c	ICV %D	27.4	20	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8270C	92-87-5	Benzidine		UF1	2.0	4.1	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401792801	RIDB-2-0.5-20170309	3/9/2017	8270C	92-87-5	Benzidine		UF1	1.5	3.1	mg/kg	R	m	MS/MSD %R	0,19	20-120	%
4401792801	RIDB-17-30.0-20170309-FD	3/9/2017	8270C	92-87-5	Benzidine		U	2.0	4.0	mg/kg	UJ	c	ICV %D	24.3	20	%
4401792801	RIDB-17-30.0-20170309-FD	3/9/2017	8270C	100-02-7	4-Nitrophenol		U	0.42	2.5	mg/kg	UJ	c	CCV %D	32.5	20	%
4401792801	RIDB-17-30.0-20170309-FD	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.40	2.5	mg/kg	UJ	c	CCV %D	21.5	20	%
4401792801	RIDB-17-40.0-20170309	3/9/2017	8270C	92-87-5	Benzidine		U	2.2	4.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401792801	RIDB-17-40.0-20170309	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.44	2.7	mg/kg	UJ	c	ICV %D	27.4	20	%
4401792801	RIDB-17-5.0-20170309	3/9/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401792801	RIDB-17-5.0-20170309	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.91	mg/kg	UJ	c	CCV %D	21.5	20	%
4401792801	RIDB-17-5.0-20170309	3/9/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.91	mg/kg	UJ	c	CCV %D	32.5	20	%
4401792801	RIDB-17-50.0-20170309	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.45	2.8	mg/kg	UJ	c	ICV %D	27.4	20	%
4401792801	RIDB-17-50.0-20170309	3/9/2017	8270C	92-87-5	Benzidine		U	2.2	4.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8270C	65-85-0	Benzoic Acid		UF1F2	1.1	2.6	mg/kg	UJ	m	MS/MSD %R	17,11	20-120	%
4401792801	RIDB-2-0.5-20170309	3/9/2017	8270C	65-85-0	Benzoic Acid		UF1	0.79	1.9	mg/kg	UJ	m	MS/MSD %R	15,-	20-120	%
4401792801	RIDB-2-0.5-20170309	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.31	1.9	mg/kg	UJ	c	ICV %D	27.4	20	%
4401792801	RIDB-2-10.0-20170309	3/9/2017	8270C	92-87-5	Benzidine		U	0.75	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401792801	RIDB-2-10.0-20170309	3/9/2017	8270C	100-02-7	4-Nitrophenol		U	0.16	0.95	mg/kg	UJ	c	CCV %D	32.5	20	%
4401792801	RIDB-2-10.0-20170309	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.95	mg/kg	UJ	c	CCV %D	21.5	20	%
4401792801	RIDB-2-20.0-20170309	3/9/2017	8270C	92-87-5	Benzidine		U	0.93	1.9	mg/kg	UJ	c	ICV %D	25.1	20	%
4401792801	RIDB-2-20.0-20170309	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.19	1.2	mg/kg	UJ	c	ICV %D	27.4	20	%
4401792801	RIDB-2-20.0-20170309-FD	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.23	1.4	mg/kg	UJ	c	ICV %D	27.4	20	%
4401792801	RIDB-2-20.0-20170309-FD	3/9/2017	8270C	92-87-5	Benzidine		U	1.1	2.3	mg/kg	UJ	c	ICV %D	25.1	20	%
4401792801	RIDB-2-30.0-20170309	3/9/2017	8270C	92-87-5	Benzidine		U	0.99	2.0	mg/kg	UJ	c	ICV %D	24.3	20	%
4401792801	RIDB-2-30.0-20170309	3/9/2017	8270C	100-02-7	4-Nitrophenol		U	0.21	1.2	mg/kg	UJ	c	CCV %D	32.5	20	%
4401792801	RIDB-2-30.0-20170309	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.20	1.2	mg/kg	UJ	c	CCV %D	21.5	20	%
4401792801	RIDB-2-5.0-20170309	3/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401792801	RIDB-2-5.0-20170309	3/9/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794191	RIDB-15-1.0-20170310	3/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794191	RIDB-15-1.0-20170310	3/10/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794191	RIDB-15-10.0-20170310	3/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.91	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794191	RIDB-15-10.0-20170310	3/10/2017	8270C	92-87-5	Benzidine		U	0.73	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794191	RIDB-15-20.0-20170310	3/10/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794191	RIDB-15-20.0-20170310	3/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794191	RIDB-15-30.0-20170310	3/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.20	1.3	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794191	RIDB-15-30.0-20170310	3/10/2017	8270C	92-87-5	Benzidine		U	1.0	2.0	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794191	RIDB-15-5.0-20170310	3/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.92	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794191	RIDB-15-5.0-20170310	3/10/2017	8270C	92-87-5	Benzidine		U	0.73	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.16	1.0	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8270C	92-87-5	Benzidine		U	0.81	1.6	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794191	RIDB-3-30.0-20170310	3/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.39	2.4	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794191	RIDB-3-30.0-20170310	3/10/2017	8270C	92-87-5	Benzidine		U	1.9	3.9	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794191	RIDB-3-5.0-20170310	3/10/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794191	RIDB-3-5.0-20170310	3/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794561	RI-16-10.0-20170312	3/12/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794561	RI-16-10.0-20170312	3/12/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.88	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794561	RI-16-20.0-20170312	3/12/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.29	1.8	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794561	RI-16-20.0-20170312	3/12/2017	8270C	92-87-5	Benzidine		U	1.4	2.9	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794561	RI-16-30.0-20170312	3/12/2017	8270C	92-87-5	Benzidine		U	1.5	3.0	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794561	RI-16-30.0-20170312	3/12/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.30	1.9	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794561	RI-16-30.0-20170312	3/12/2017	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	0.46	J	0.20	0.74	mg/kg	J	sp	< PQL			
4401794561	RI-16-5.0-20170312	3/12/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.91	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794561	RI-16-5.0-20170312	3/12/2017	8270C	92-87-5	Benzidine		U	0.73	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794561	RIDB-5-0.5-20170311	3/11/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.90	mg/kg	UJ	c	CCV %D	36.2	20	%
4401794561	RIDB-5-0.5-20170311	3/11/2017	8270C	65-85-0	Benzoic Acid		UF1	0.37	0.90	mg/kg	UJ	m	MS/MSD %R	17,13	20-120	%
4401794561	RIDB-5-0.5-20170311	3/11/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401794561	RIDB-5-10.0-20170311	3/11/2017	8270C	100-02-7	4-Nitrophenol		U	0.16	0.95	mg/kg	UJ	c	CCV %D	36.2	20	%
4401794561	RIDB-5-10.0-20170311	3/11/2017	8270C	92-87-5	Benzidine		U	0.75	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401794561	RIDB-5-20.0-20170311	3/11/2017	8270C	100-02-7	4-Nitrophenol		U	0.35	2.1	mg/kg	UJ	c	CCV %D	36.2	20	%
4401794561	RIDB-5-20.0-20170311	3/11/2017	8270C	92-87-5	Benzidine		U	1.7	3.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401794561	RIDB-5-30.0-20170311	3/11/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.44	2.8	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794561	RIDB-5-30.0-20170311	3/11/2017	8270C	92-87-5	Benzidine		U	2.2	4.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794561	RIDB-5-5.0-20170311	3/11/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401794561	RIDB-5-5.0-20170311	3/11/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.90	mg/kg	UJ	c	CCV %D	36.2	20	%
4401794561	RIDB-5-5.0-20170311-FD	3/11/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.90	mg/kg	UJ	c	CCV %D	36.2	20	%
4401794561	RIDB-5-5.0-20170311-FD	3/11/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401794561	RIDB-7-0.5-20170312	3/12/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794561	RIDB-7-0.5-20170312	3/12/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794561	RIDB-7-0.5-20170312-FD	3/12/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794561	RIDB-7-0.5-20170312-FD	3/12/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794561	RIDB-7-10.0-20170312	3/12/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794561	RIDB-7-10.0-20170312	3/12/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794561	RIDB-7-20.0-20170312	3/12/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.35	2.2	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794561	RIDB-7-20.0-20170312	3/12/2017	8270C	92-87-5	Benzidine		U	1.7	3.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794561	RIDB-7-30.0-20170312	3/12/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.49	3.0	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794561	RIDB-7-30.0-20170312	3/12/2017	8270C	92-87-5	Benzidine		U	2.4	4.9	mg/kg	UJ	c	ICV %D	25.1	20	%
4401794561	RIDB-7-5.0-20170312	3/12/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401794561	RIDB-7-5.0-20170312	3/12/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401796371	RIDB-18-1.0-20170314	3/14/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401796371	RIDB-18-1.0-20170314	3/14/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401796371	RIDB-18-10.0-20170314	3/14/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.92	mg/kg	UJ	c	ICV %D	27.4	20	%
4401796371	RIDB-18-10.0-20170314	3/14/2017	8270C	92-87-5	Benzidine		U	0.73	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401796371	RIDB-18-20.0-20170314	3/14/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.92	mg/kg	UJ	c	ICV %D	27.4	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401796371	RIDB-18-20.0-20170314	3/14/2017	8270C	92-87-5	Benzidine		U	0.73	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401796371	RIDB-18-30.0-20170314	3/14/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.21	1.3	mg/kg	UJ	c	ICV %D	27.4	20	%
4401796371	RIDB-18-30.0-20170314	3/14/2017	8270C	92-87-5	Benzidine		U	1.1	2.1	mg/kg	UJ	c	ICV %D	25.1	20	%
4401796371	RIDB-18-30.0-20170314-FD	3/14/2017	8270C	92-87-5	Benzidine		U	2.2	4.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401796371	RIDB-18-30.0-20170314-FD	3/14/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.45	2.8	mg/kg	UJ	c	ICV %D	27.4	20	%
4401796371	RIDB-18-5.0-20170314	3/14/2017	8270C	92-87-5	Benzidine		U	0.73	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401796371	RIDB-18-5.0-20170314	3/14/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.91	mg/kg	UJ	c	ICV %D	27.4	20	%
4401801011	RIDB-11-1.0-20170320	3/20/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401801011	RIDB-11-1.0-20170320	3/20/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.88	mg/kg	UJ	c	ICV %D	27.4	20	%
4401801011	RIDB-11-10.0-20170320	3/20/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401801011	RIDB-11-10.0-20170320	3/20/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV %D	27.4	20	%
4401801011	RIDB-11-5.0-20170320	3/20/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.89	mg/kg	UJ	c	ICV %D	27.4	20	%
4401801011	RIDB-11-5.0-20170320	3/20/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401801011	RIDB-19-1.0-20170320	3/20/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401801011	RIDB-19-1.0-20170320	3/20/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV %D	27.4	20	%
4401801011	RIDB-19-10.0-20170320	3/20/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401801011	RIDB-19-10.0-20170320	3/20/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401801011	RIDB-19-20.0-20170320	3/20/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401801011	RIDB-19-20.0-20170320	3/20/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV %D	27.4	20	%
4401801011	RIDB-19-30.0-20170320	3/20/2017	8270C	92-87-5	Benzidine		U	2.2	4.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401801011	RIDB-19-30.0-20170320	3/20/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.45	2.8	mg/kg	UJ	c	ICV %D	27.4	20	%
4401801011	RIDB-19-5.0-20170320	3/20/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401801011	RIDB-19-5.0-20170320	3/20/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401801931	RIDB-11-20.0-20170320	3/20/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.86	mg/kg	UJ	c	ICV %D	27.4	20	%
4401801931	RIDB-11-20.0-20170320	3/20/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401801931	RIDB-11-30.0-20170321	3/21/2017	8270C	92-87-5	Benzidine		U	2.1	4.3	mg/kg	UJ	c	ICV %D	25.1	20	%
4401801931	RIDB-11-30.0-20170321	3/21/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.42	2.6	mg/kg	UJ	c	ICV %D	27.4	20	%
4401801931	RIDB-27-1.0-20170321	3/21/2017	8270C	92-87-5	Benzidine		U	2.0	4.1	mg/kg	UJ	c	ICV %D	25.1	20	%
4401801931	RIDB-27-1.0-20170321	3/21/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.41	2.5	mg/kg	UJ	c	ICV %D	27.4	20	%
4401803311	RIDB-12-1.0-20170321	3/21/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.89	mg/kg	UJ	c	CCV %D	32.7	20	%
4401803311	RIDB-12-1.0-20170321	3/21/2017	8270C	105-67-9	2,4-Dimethylphenol		UF1	0.14	0.35	mg/kg	UJ	m	MS/MSD %R	27,-	30-120	%
4401803311	RIDB-12-1.0-20170321	3/21/2017	8270C	59-50-7	4-Chloro-3-methylphenol		UF1	0.075	0.35	mg/kg	UJ	m	MS/MSD %R	44,-	50-125	%
4401803311	RIDB-12-1.0-20170321	3/21/2017	8270C	106-44-5	4-Methylphenol		UF1	0.14	0.35	mg/kg	UJ	m	MS/MSD %R	44,-	50-120	%
4401803311	RIDB-12-1.0-20170321	3/21/2017	8270C	120-12-7	Anthracene		UF1	0.086	0.35	mg/kg	UJ	m	MS/MSD %R	54,-	55-120	%
4401803311	RIDB-12-1.0-20170321	3/21/2017	8270C	92-87-5	Benzidine		UF1	0.71	1.4	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401803311	RIDB-12-1.0-20170321	3/21/2017	8270C	84-66-2	Diethylphthalate		UF1	0.10	0.35	mg/kg	UJ	m	MS/MSD %R	48,-	50-125	%
4401803311	RIDB-12-10.0-20170322	3/22/2017	8270C	92-87-5	Benzidine		U	0.68	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401803311	RIDB-12-10.0-20170322	3/22/2017	8270C	100-02-7	4-Nitrophenol		U	0.14	0.86	mg/kg	UJ	c	CCV %D	24.1	20	%
4401803311	RIDB-12-10.0-20170322	3/22/2017	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	0.13	J	0.093	0.34	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-10.0-20170322	3/22/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.86	mg/kg	UJ	c	CCV %D	21.8	20	%
4401803311	RIDB-12-20.0-20170322	3/22/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.89	mg/kg	UJ	c	CCV %D	32.7	20	%
4401803311	RIDB-12-20.0-20170322	3/22/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401803311	RIDB-12-1.0-20170321	3/21/2017	8270C	84-74-2	Di-n-butylphthalate		UF1	0.097	0.35	mg/kg	UJ	m	MS/MSD %R	48,-	50-125	%
4401803311	RIDB-12-30.0-20170322	3/22/2017	8270C	100-02-7	4-Nitrophenol		U	0.48	2.8	mg/kg	UJ	c	CCV %D	32.7	20	%
4401803311	RIDB-12-30.0-20170322	3/22/2017	8270C	92-87-5	Benzidine		U	2.2	4.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401803311	RIDB-12-5.0-20170321	3/21/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.88	mg/kg	UJ	c	CCV %D	32.7	20	%
4401803311	RIDB-12-5.0-20170321	3/21/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401803311	RIDB-27-10.0-20170321	3/21/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.87	mg/kg	UJ	c	CCV %D	24.1	20	%
4401803311	RIDB-27-10.0-20170321	3/21/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401803311	RIDB-27-10.0-20170321	3/21/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	CCV %D	21.8	20	%
4401803311	RIDB-27-20.0-20170321	3/21/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401803311	RIDB-27-20.0-20170321	3/21/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	CCV %D	21.8	20	%
4401803311	RIDB-27-20.0-20170321	3/21/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.90	mg/kg	UJ	c	CCV %D	24.1	20	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.16	1.0	mg/kg	UJ	c	ICV %D	27.4	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401803311	RIDB-27-30.0-20170321	3/21/2017	8270C	92-87-5	Benzidine		U	0.79	1.6	mg/kg	R	m	MS/MSD %R	0,-	20-120	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8270C	65-85-0	Benzoic Acid		U	0.41	1.0	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401803311	RIDB-27-5.0-20170321	3/21/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401803311	RIDB-27-5.0-20170321	3/21/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.89	mg/kg	UJ	c	CCV %D	24.1	20	%
4401803311	RIDB-27-5.0-20170321	3/21/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.89	mg/kg	UJ	c	CCV %D	21.8	20	%
4401804391	RIDB-25-1.0-20170323	3/23/2017	8270C	92-87-5	Benzidine		U	0.68	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401804391	RIDB-25-1.0-20170323	3/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.14	0.85	mg/kg	UJ	c	CCV %D	24.1	20	%
4401804391	RIDB-25-1.0-20170323	3/23/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.85	mg/kg	UJ	c	CCV %D	21.8	20	%
4401804391	RIDB-25-10.0-20170323	3/23/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401804391	RIDB-25-10.0-20170323	3/23/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401804391	RIDB-25-10.0-20170323	3/23/2017	8270C	118-74-1	Hexachlorobenzene	0.17	J	0.073	0.34	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-20.0-20170323	3/23/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.89	mg/kg	UJ	c	ICV, CCV %D	27.4,24.2	20	%
4401804391	RIDB-25-20.0-20170323	3/23/2017	8270C	51-28-5	2,4-Dinitrophenol		UF1	0.35	0.71	mg/kg	R	m	MS/MSD %R	5,0	20-120	%
4401804391	RIDB-25-20.0-20170323	3/23/2017	8270C	65-85-0	Benzoic Acid		UF1	0.36	0.89	mg/kg	R	m	MS/MSD %R	14,0	20-120	%
4401804391	RIDB-25-20.0-20170323	3/23/2017	8270C	100-51-6	Benzyl Alcohol		UF1	0.16	0.35	mg/kg	R	m	MS/MSD %R	19,0	20-120	%
4401804391	RIDB-25-20.0-20170323	3/23/2017	8270C	92-87-5	Benzidine		UF1	0.71	1.4	mg/kg	R	m	MS/MSD %R	-,0	20-120	%
4401804391	RIDB-25-30.0-20170323	3/23/2017	8270C	92-87-5	Benzidine		U	2.1	4.3	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401804391	RIDB-25-30.0-20170323	3/23/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.43	2.7	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401804391	RIDB-25-5.0-20170323	3/23/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401804391	RIDB-25-5.0-20170323	3/23/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.89	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401804391	RIDB-28-1.0-20170322	3/22/2017	8270C	92-87-5	Benzidine		UF1	0.70	1.4	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401804391	RIDB-28-1.0-20170322	3/22/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.88	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8270C	51-28-5	2,4-Dinitrophenol		U	0.4	0.79	mg/kg	UJ	m	MS/MSD %R	-,11	20-120	%
4401804391	RIDB-28-1.0-20170322	3/22/2017	8270C	65-85-0	Benzoic Acid		UF1	0.36	0.88	mg/kg	UJ	m	MS/MSD %R	17,16	20-120	%
4401804391	RIDB-28-10.0-20170323	3/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.88	mg/kg	UJ	c	CCV %D	30.8	20	%
4401804391	RIDB-28-10.0-20170323	3/23/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401804391	RIDB-28-10.0-20170323-FD	3/23/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401804391	RIDB-28-10.0-20170323-FD	3/23/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.88	mg/kg	UJ	c	CCV %D	21.8	20	%
4401804391	RIDB-28-10.0-20170323-FD	3/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.88	mg/kg	UJ	c	CCV %D	24.1	20	%
4401804391	RIDB-28-20.0-20170323	3/23/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401804391	RIDB-28-20.0-20170323	3/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.90	mg/kg	UJ	c	CCV %D	30.8	20	%
4401804391	RIDB-28-30.0-20170323	3/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.14	0.86	mg/kg	UJ	c	CCV %D	24.1	20	%
4401804391	RIDB-28-30.0-20170323	3/23/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.86	mg/kg	UJ	c	CCV %D	21.8	20	%
4401804391	RIDB-28-30.0-20170323	3/23/2017	8270C	92-87-5	Benzidine		U	0.68	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401804391	RIDB-28-5.0-20170322	3/22/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.87	mg/kg	UJ	c	CCV %D	30.8	20	%
4401804391	RIDB-28-5.0-20170322	3/22/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401805931	RIDB-24-1.0-20170323	3/23/2017	8270C	92-87-5	Benzidine		U	0.67	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401805931	RIDB-24-1.0-20170323	3/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.14	0.84	mg/kg	UJ	c	CCV %D	30.8	20	%
4401805931	RIDB-24-10.0-20170324	3/24/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401805931	RIDB-24-10.0-20170324	3/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.87	mg/kg	UJ	c	CCV %D	30.8	20	%
4401805931	RIDB-24-20.0-20170324	3/24/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401805931	RIDB-24-20.0-20170324	3/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.89	mg/kg	UJ	c	CCV %D	30.8	20	%
4401805931	RIDB-24-30.0-20170324	3/24/2017	8270C	92-87-5	Benzidine		U	1.4	2.8	mg/kg	UJ	c	ICV %D	24.3	20	%
4401805931	RIDB-24-30.0-20170324	3/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.30	1.7	mg/kg	UJ	c	CCV %D	30.8	20	%
4401805931	RIDB-24-5.0-20170323	3/23/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401805931	RIDB-24-5.0-20170323	3/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.91	mg/kg	UJ	c	CCV %D	30.8	20	%
4401805931	RIDB-26-1.0-20170323	3/23/2017	8270C	92-87-5	Benzidine		U	0.67	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401805931	RIDB-26-1.0-20170323	3/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.14	0.84	mg/kg	UJ	c	CCV %D	30.8	20	%
4401805931	RIDB-26-10.0-20170324	3/24/2017	8270C	92-87-5	Benzidine		U	0.73	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401805931	RIDB-26-10.0-20170324	3/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.16	0.92	mg/kg	UJ	c	CCV %D	30.8	20	%
4401805931	RIDB-26-20.0-20170324	3/24/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401805931	RIDB-26-20.0-20170324	3/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.89	mg/kg	UJ	c	CCV %D	30.8	20	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8270C	92-87-5	Benzidine		U	2.0	4.1	mg/kg	UJ	c	ICV %D	24.3	20	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8270C	100-02-7	4-Nitrophenol		U	0.43	2.6	mg/kg	UJ	c	CCV %D	30.8	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401805931	RIDB-26-5.0-20170323	3/23/2017	8270C	92-87-5	Benzidine		U	0.74	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401805931	RIDB-26-5.0-20170323	3/23/2017	8270C	118-74-1	Hexachlorobenzene	0.079	J	0.078	0.37	mg/kg	J	sp	< PQL			
4401805931	RIDB-26-5.0-20170323	3/23/2017	8270C	100-02-7	4-Nitrophenol		U	0.16	0.93	mg/kg	UJ	c	CCV %D	30.8	20	%
4401806961	RIDB-22-1.0-20170327	3/27/2017	8270C	118-74-1	Hexachlorobenzene	0.096	J	0.071	0.33	mg/kg	J	sp	< PQL			
4401806961	RIDB-22-1.0-20170327	3/27/2017	8270C	92-87-5	Benzidine		U	0.67	1.4	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401806961	RIDB-22-1.0-20170327	3/27/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.13	0.84	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401806961	RIDB-22-1.0-20170327-FD	3/27/2017	8270C	92-87-5	Benzidine		U	0.67	1.4	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401806961	RIDB-22-1.0-20170327-FD	3/27/2017	8270C	118-74-1	Hexachlorobenzene	0.13	J	0.071	0.33	mg/kg	J	sp	< PQL			
4401806961	RIDB-22-1.0-20170327-FD	3/27/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.13	0.84	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401806961	RIDB-22-10.0-20170327	3/27/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401806961	RIDB-22-10.0-20170327	3/27/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401806961	RIDB-22-20.0-20170327	3/27/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401806961	RIDB-22-20.0-20170327	3/27/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.89	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401806961	RIDB-22-30.0-20170327	3/27/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.41	2.6	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401806961	RIDB-22-30.0-20170327	3/27/2017	8270C	92-87-5	Benzidine		U	2.1	4.2	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401806961	RIDB-22-5.0-20170327	3/27/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.85	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401806961	RIDB-22-5.0-20170327	3/27/2017	8270C	118-74-1	Hexachlorobenzene	0.18	J	0.071	0.34	mg/kg	J	sp	< PQL			
4401806961	RIDB-22-5.0-20170327	3/27/2017	8270C	92-87-5	Benzidine		U	0.67	1.4	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401808191	RIDB-21-1.0-20170328	3/28/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.13	0.82	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401808191	RIDB-21-1.0-20170328	3/28/2017	8270C	92-87-5	Benzidine		UF1	0.65	1.3	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401808191	RIDB-21-10.0-20170328	3/28/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401808191	RIDB-21-10.0-20170328	3/28/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.86	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401808191	RIDB-21-20.0-20170328	3/28/2017	8270C	92-87-5	Benzidine		U	1.8	3.6	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401808191	RIDB-21-20.0-20170328	3/28/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.36	2.2	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401808191	RIDB-21-30.0-20170328	3/28/2017	8270C	92-87-5	Benzidine		U	2.4	4.8	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401808191	RIDB-21-30.0-20170328	3/28/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.48	3.0	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401808191	RIDB-21-5.0-20170328	3/28/2017	8270C	92-87-5	Benzidine		U	0.66	1.3	mg/kg	UJ	c	ICV, CCV %D	25.1,44.7	20	%
4401808191	RIDB-21-5.0-20170328	3/28/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.13	0.83	mg/kg	UJ	c	ICV, CCV %D	27.4,29.2	20	%
4401812001	RIDB-23-1.0-20170403	4/3/2017	8270C	92-87-5	Benzidine		U	0.66	1.3	mg/kg	UJ	c	ICV %D	25.1	20	%
4401812001	RIDB-23-1.0-20170403	4/3/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.13	0.83	mg/kg	UJ	c	ICV, CCV %D	27.4,24.2	20	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV, CCV %D	27.4,24.2	20	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8270C	92-87-5	Benzidine		U	2.1	4.2	mg/kg	UJ	c	ICV %D	25.1	20	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.41	2.6	mg/kg	UJ	c	ICV, CCV %D	27.4,24.2	20	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8270C	92-87-5	Benzidine		U	0.67	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.13	0.84	mg/kg	UJ	c	ICV, CCV %D	27.4,24.2	20	%
4401812971	RIDB-23-30.0-20170404	4/4/2017	8270C	92-87-5	Benzidine		UF2	2.2	4.5	mg/kg	UJ	c	ICV %D	25.1	20	%
4401812971	RIDB-23-30.0-20170404	4/4/2017	8270C	65-85-0	Benzoic Acid		UF2F1	1.1	2.8	mg/kg	UJ	m	MS/MSD %R	-,18	20-120	%
4401812971	RIDB-23-30.0-20170404	4/4/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.45	2.8	mg/kg	UJ	c	ICV %D	27.4	20	%
4401814201	RI-5-10.0-20170405	4/5/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.18	1.1	mg/kg	UJ	c	CCV %D	22.3	20	%
4401814201	RI-5-10.0-20170405	4/5/2017	8270C	100-02-7	4-Nitrophenol		U	0.19	1.1	mg/kg	UJ	c	CCV %D	26.7	20	%
4401814201	RI-5-10.0-20170405	4/5/2017	8270C	92-87-5	Benzidine		U	0.88	1.8	mg/kg	UJ	c	ICV %D	24.3	20	%
4401814201	RI-5-20.0-20170405	4/5/2017	8270C	100-02-7	4-Nitrophenol		U	0.46	2.7	mg/kg	UJ	c	CCV %D	20.8	20	%
4401814201	RI-5-20.0-20170405	4/5/2017	8270C	92-87-5	Benzidine		U	2.2	4.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401814201	RI-5-20.0-20170405	4/5/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.44	2.7	mg/kg	UJ	c	CCV %D	31.6	20	%
4401814201	RI-5-30.0-20170405	4/5/2017	8270C	92-87-5	Benzidine		U	2.1	4.2	mg/kg	UJ	c	ICV %D	24.3	20	%
4401814201	RI-5-30.0-20170405	4/5/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.41	2.6	mg/kg	UJ	c	CCV %D	31.6	20	%
4401814201	RI-5-30.0-20170405	4/5/2017	8270C	100-02-7	4-Nitrophenol		U	0.44	2.6	mg/kg	UJ	c	CCV %D	20.8	20	%
4401814201	RI-5-5.0-20170404	4/4/2017	8270C	92-87-5	Benzidine		UF1	0.70	1.4	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401814201	RI-5-5.0-20170404	4/4/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.88	mg/kg	UJ	c	ICV %D	27.4	20	%
4401816611	RI-9-5.0-20170407	4/7/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.88	mg/kg	UJ	c	ICV %D	27.4	20	%
4401816611	RI-9-5.0-20170407	4/7/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV, CCV %D	25.1,27.1	20	%
4401817161	RI-7-10.0-20170408	4/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20	%
4401817161	RI-7-10.0-20170408	4/8/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401817161	RI-7-20.0-20170408	4/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817161	RI-7-20.0-20170408	4/8/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817161	RI-7-20.0-20170408-FD	4/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817161	RI-7-20.0-20170408-FD	4/8/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817161	RI-7-30.0-20170408	4/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.22	1.4	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817161	RI-7-30.0-20170408	4/8/2017	8270C	92-87-5	Benzidine		U	1.1	2.2	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817161	RI-7-5.0-20170408	4/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	CCV %D	31.6	20 %
4401817161	RI-7-5.0-20170408	4/8/2017	8270C	92-87-5	Benzidine		UF1	0.69	1.4	mg/kg	R	m	MS/MSD %R	0,0	20-120 %
4401817161	RI-7-5.0-20170408	4/8/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.87	mg/kg	UJ	c	CCV %D	20.8	20 %
4401817221	RI-10-10.0-20170409	4/9/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817221	RI-10-10.0-20170409	4/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.86	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817221	RI-10-5.0-20170409	4/9/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817221	RI-10-5.0-20170409	4/9/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817221	RI-9-10.0-20170408	4/8/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817221	RI-9-10.0-20170408	4/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817221	RI-9-20.0-20170408	4/8/2017	8270C	92-87-5	Benzidine		U	0.74	1.5	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817221	RI-9-20.0-20170408	4/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.15	0.94	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817221	RI-9-30.0-20170408	4/8/2017	8270C	92-87-5	Benzidine		U	1.9	3.9	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817221	RI-9-30.0-20170408	4/8/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.39	2.4	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817451	RI-20-10.0-20170410	4/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.85	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817451	RI-20-10.0-20170410	4/10/2017	8270C	92-87-5	Benzidine		U	0.68	1.4	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817451	RI-20-20.0-20170410	4/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.89	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817451	RI-20-20.0-20170410	4/10/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817451	RI-20-30.0-20170410	4/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.38	2.4	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817451	RI-20-30.0-20170410	4/10/2017	8270C	92-87-5	Benzidine		U	1.9	3.8	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817451	RI-20-5.0-20170410	4/10/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817451	RI-20-5.0-20170410	4/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.88	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817491	RI-10-20.0-20170410	4/10/2017	8270C	92-87-5	Benzidine		UF1	2.2	4.5	mg/kg	R	m	MS/MSD %R	0,-	20-120 %
4401817491	RI-10-20.0-20170410	4/10/2017	8270C	65-85-0	Benzoic Acid		UF1	1.1	2.8	mg/kg	UJ	m	MS/MSD %R	14,12	20-120 %
4401817491	RI-10-20.0-20170410	4/10/2017	8270C	100-51-6	Benzyl Alcohol		UF1	0.51	1.1	mg/kg	R	m	MS/MSD %R	0,0	20-120 %
4401817491	RI-10-20.0-20170410	4/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		UF2	0.45	2.8	mg/kg	UJ	c	ICV %D	27.4	20 %
4401817491	RI-10-30.0-20170410	4/10/2017	8270C	92-87-5	Benzidine		U	2.1	4.2	mg/kg	UJ	c	ICV %D	25.1	20 %
4401817491	RI-10-30.0-20170410	4/10/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.42	2.6	mg/kg	UJ	c	ICV %D	27.4	20 %
4401824941	RI-24-1.0-20170418	4/18/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.86	mg/kg	UJ	c	ICV, CCV %D	27.4,25.1	20 %
4401824941	RI-24-1.0-20170418	4/18/2017	8270C	110-86-1	Pyridine		U	0.15	0.35	mg/kg	UJ	c	CCV %D	26.3	20 %
4401824941	RI-24-1.0-20170418	4/18/2017	8270C	92-87-5	Benzidine		UF1	0.68	1.4	mg/kg	R	m	MS/MSD %R	0,0	20-120 %
4401824941	RI-24-10.0-20170418	4/18/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	25.1	20 %
4401824941	RI-24-10.0-20170418	4/18/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.89	mg/kg	UJ	c	ICV, CCV %D	27.4,25.1	20 %
4401824941	RI-24-10.0-20170418	4/18/2017	8270C	110-86-1	Pyridine		U	0.16	0.37	mg/kg	UJ	c	CCV %D	26.3	20 %
4401824941	RI-24-20.0-20170418	4/18/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	25.1	20 %
4401824941	RI-24-20.0-20170418	4/18/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV, CCV %D	27.4,25.1	20 %
4401824941	RI-24-20.0-20170418	4/18/2017	8270C	110-86-1	Pyridine		U	0.16	0.36	mg/kg	UJ	c	CCV %D	26.3	20 %
4401824941	RI-24-30.0-20170418	4/18/2017	8270C	110-86-1	Pyridine		U	0.49	1.1	mg/kg	UJ	c	CCV %D	26.3	20 %
4401824941	RI-24-30.0-20170418	4/18/2017	8270C	92-87-5	Benzidine		U	2.2	4.4	mg/kg	UJ	c	ICV %D	25.1	20 %
4401824941	RI-24-30.0-20170418	4/18/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.44	2.7	mg/kg	UJ	c	ICV, CCV %D	27.4,25.1	20 %
4401824941	RI-24-40.0-20170418	4/18/2017	8270C	92-87-5	Benzidine		U	2.2	4.4	mg/kg	UJ	c	ICV %D	25.1	20 %
4401824941	RI-24-40.0-20170418	4/18/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.44	2.7	mg/kg	UJ	c	ICV %D	27.4	20 %
4401824941	RI-24-5.0-20170418	4/18/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.13	0.84	mg/kg	UJ	c	ICV, CCV %D	27.4,25.1	20 %
4401824941	RI-24-5.0-20170418	4/18/2017	8270C	110-86-1	Pyridine		U	0.15	0.34	mg/kg	UJ	c	CCV %D	26.3	20 %
4401824941	RI-24-5.0-20170418	4/18/2017	8270C	92-87-5	Benzidine		U	0.67	1.4	mg/kg	UJ	c	ICV %D	25.1	20 %
4401824981	RI-25-1.0-20170417	4/17/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.28	1.7	mg/kg	UJ	c	ICV %D	27.4	20 %
4401824981	RI-25-1.0-20170417	4/17/2017	8270C	92-87-5	Benzidine		U	1.4	2.8	mg/kg	UJ	c	ICV %D	25.1	20 %
4401824981	RI-25-10.0-20170418	4/18/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.29	1.8	mg/kg	UJ	c	ICV, CCV %D	27.4,25.1	20 %
4401824981	RI-25-10.0-20170418	4/18/2017	8270C	92-87-5	Benzidine		U	1.4	2.9	mg/kg	UJ	c	ICV %D	25.1	20 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401824981	RI-25-10.0-20170418	4/18/2017	8270C	110-86-1	Pyridine		U	0.33	0.74	mg/kg	UJ	c	CCV %D	26.3	20	%
4401824981	RI-25-20.0-20170418	4/18/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.87	mg/kg	UJ	c	ICV, CCV %D	27.4,25.1	20	%
4401824981	RI-25-20.0-20170418	4/18/2017	8270C	110-86-1	Pyridine		U	0.16	0.35	mg/kg	UJ	c	CCV %D	26.3	20	%
4401824981	RI-25-20.0-20170418	4/18/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	25.1	20	%
4401824981	RI-25-30.0-20170418	4/18/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.42	2.6	mg/kg	UJ	c	ICV, CCV %D	27.4,25.1	20	%
4401824981	RI-25-30.0-20170418	4/18/2017	8270C	92-87-5	Benzidine		U	2.1	4.2	mg/kg	UJ	c	ICV %D	25.1	20	%
4401824981	RI-25-30.0-20170418	4/18/2017	8270C	110-86-1	Pyridine		U	0.47	1.1	mg/kg	UJ	c	CCV %D	26.3	20	%
4401824981	RI-25-40.0-20170418	4/18/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.37	2.3	mg/kg	UJ	c	ICV, CCV %D	27.4,25.1	20	%
4401824981	RI-25-40.0-20170418	4/18/2017	8270C	110-86-1	Pyridine		U	0.42	0.95	mg/kg	UJ	c	CCV %D	26.3	20	%
4401824981	RI-25-40.0-20170418	4/18/2017	8270C	92-87-5	Benzidine		U	1.8	3.7	mg/kg	UJ	c	ICV %D	25.1	20	%
4401824981	RI-25-5.0-20170417	4/17/2017	8270C	218-01-9	Chrysene	1.9	J	1.7	7.4	mg/kg	J	sp	< PQL			
4401824981	RI-25-5.0-20170417	4/17/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	3.0	19	mg/kg	UJ	c	ICV %D	27.4	20	%
4401824981	RI-25-5.0-20170417	4/17/2017	8270C	56-55-3	Benzo(a)anthracene	1.6	J	1.6	7.4	mg/kg	J	sp	< PQL			
4401824981	RI-25-5.0-20170417	4/17/2017	8270C	92-87-5	Benzidine		U	15	30	mg/kg	UJ	c	ICV %D	25.1	20	%
4401824981	RI-25-5.0-20170417	4/17/2017	8270C	205-99-2	Benzo(b)fluoranthene	2.2	J	1.6	7.4	mg/kg	J	sp	< PQL			
4401824981	RI-25-5.0-20170417	4/17/2017	8270C	206-44-0	Fluoranthene	3.0	J	1.6	7.4	mg/kg	J	sp	< PQL			
4401828041	RI-21-10.0-20170422	4/22/2017	8270C	92-87-5	Benzidine		U	0.73	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401828041	RI-21-20.0-20170422	4/22/2017	8270C	218-01-9	Chrysene	0.10	J	0.079	0.35	mg/kg	J	sp	< PQL			
4401828041	RI-21-20.0-20170422	4/22/2017	8270C	50-32-8	Benzo(a)pyrene	0.081	J	0.070	0.35	mg/kg	J	sp	< PQL			
4401828041	RI-21-20.0-20170422	4/22/2017	8270C	205-99-2	Benzo(b)fluoranthene	0.13	J	0.074	0.35	mg/kg	J	sp	< PQL			
4401828041	RI-21-20.0-20170422	4/22/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401828041	RI-21-20.0-20170422	4/22/2017	8270C	206-44-0	Fluoranthene	0.15	J	0.074	0.35	mg/kg	J	sp	< PQL			
4401828041	RI-21-20.0-20170422	4/22/2017	8270C	56-55-3	Benzo(a)anthracene	0.095	J	0.074	0.35	mg/kg	J	sp	< PQL			
4401828041	RI-21-30.0-20170422	4/22/2017	8270C	92-87-5	Benzidine		U	2.0	4.1	mg/kg	UJ	c	ICV %D	24.3	20	%
4401828041	RI-21-5.0-20170422	4/22/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401828291	RI-8-10.0-20170422	4/22/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401828291	RI-8-10.0-20170422-FD	4/22/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401828291	RI-8-20.0-20170422	4/22/2017	8270C	92-87-5	Benzidine		UF1	0.76	1.5	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401828291	RI-8-20.0-20170422	4/22/2017	8270C	65-85-0	Benzoic Acid		UF1	0.39	0.95	mg/kg	UJ	m	MS/MSD %R	18,-	20-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8270C	92-87-5	Benzidine		U	1.9	3.8	mg/kg	UJ	c	ICV %D	24.3	20	%
4401828291	RI-8-5.0-20170422	4/22/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401828861	RI-1-10.0-20170424	4/24/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401828861	RI-1-20.0-20170424	4/24/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401828861	RI-1-30.0-20170424	4/24/2017	8270C	92-87-5	Benzidine		U	2.2	4.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401828861	RI-1-5.0-20170424	4/24/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401829431	RI-2-10.0-20170425	4/25/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401829431	RI-2-20.0-20170425	4/25/2017	8270C	92-87-5	Benzidine		U	1.0	2.1	mg/kg	UJ	c	ICV %D	24.3	20	%
4401829431	RI-2-30.0-20170425	4/25/2017	8270C	92-87-5	Benzidine		U	0.93	1.9	mg/kg	UJ	c	ICV %D	24.3	20	%
4401829431	RI-2-5.0-20170425	4/25/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401834241	RI-13-10.0-20170502	5/2/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401834241	RI-13-10.0-20170502	5/2/2017	8270C	100-51-6	Benzyl Alcohol		U	0.16	0.35	mg/kg	UJ	c	CCV %D	29.7	20	%
4401834241	RI-13-20.0-20170502	5/2/2017	8270C	92-87-5	Benzidine		U	3.0	6.1	mg/kg	UJ	c	ICV %D	24.3	20	%
4401834241	RI-13-20.0-20170502	5/2/2017	8270C	100-51-6	Benzyl Alcohol		U	0.69	1.5	mg/kg	UJ	c	CCV %D	29.7	20	%
4401834241	RI-13-30.0-20170502	5/2/2017	8270C	100-51-6	Benzyl Alcohol		U	0.34	0.76	mg/kg	UJ	c	CCV %D	29.7	20	%
4401834241	RI-13-30.0-20170502	5/2/2017	8270C	92-87-5	Benzidine		U	1.5	3.1	mg/kg	UJ	c	ICV %D	24.3	20	%
4401834241	RI-13-5.0-20170502	5/2/2017	8270C	100-51-6	Benzyl Alcohol		U	0.16	0.35	mg/kg	UJ	c	CCV %D	29.7	20	%
4401834241	RI-13-5.0-20170502	5/2/2017	8270C	92-87-5	Benzidine		U	0.70	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401834261	RIDB-16-1.0-20170501	5/1/2017	8270C	92-87-5	Benzidine		U	0.68	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401834261	RIDB-16-1.0-20170501	5/1/2017	8270C	99-09-2	3-Nitroaniline		U	0.14	0.34	mg/kg	UJ	c	CCV %D	26.9	20	%
4401834261	RIDB-16-10.0-20170502	5/2/2017	8270C	100-51-6	Benzyl Alcohol		U	0.17	0.36	mg/kg	UJ	c	CCV %D	29.7	20	%
4401834261	RIDB-16-10.0-20170502	5/2/2017	8270C	92-87-5	Benzidine		U	0.73	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401834261	RIDB-16-20.0-20170502	5/2/2017	8270C	92-87-5	Benzidine		U	0.72	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401834261	RIDB-16-20.0-20170502	5/2/2017	8270C	100-51-6	Benzyl Alcohol		U	0.16	0.36	mg/kg	UJ	c	CCV %D	29.7	20	%
4401834261	RIDB-16-30.0-20170502	5/2/2017	8270C	92-87-5	Benzidine		U	1.9	3.9	mg/kg	UJ	c	ICV %D	24.3	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401834261	RIDB-16-30.0-20170502	5/2/2017	8270C	100-51-6	Benzyl Alcohol		U	0.44	0.96	mg/kg	UJ	c	CCV %D	29.7	20	%
4401834261	RIDB-16-5.0-20170502	5/2/2017	8270C	118-74-1	Hexachlorobenzene	0.087	J	0.073	0.35	mg/kg	J	sp	< PQL			
4401834261	RIDB-16-5.0-20170502	5/2/2017	8270C	92-87-5	Benzidine		U	0.69	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401834261	RIDB-16-5.0-20170502	5/2/2017	8270C	99-09-2	3-Nitroaniline		U	0.14	0.35	mg/kg	UJ	c	CCV %D	26.9	20	%
4401835741	RI-12-10.0-20170503	5/3/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.89	mg/kg	UJ	c	CCV %D	24.2	20	%
4401835741	RI-12-10.0-20170503	5/3/2017	8270C	92-87-5	Benzidine		UF1	0.71	1.4	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401835741	RI-12-10.0-20170503	5/3/2017	8270C	65-85-0	Benzoic Acid		UF1	0.36	0.89	mg/kg	UJ	m	MS/MSD %R	16,16	20-120	%
4401835741	RI-12-20.0-20170503	5/3/2017	8270C	100-02-7	4-Nitrophenol		U	0.16	0.93	mg/kg	UJ	c	CCV %D	24.2	20	%
4401835741	RI-12-20.0-20170503	5/3/2017	8270C	92-87-5	Benzidine		U	0.74	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401835741	RI-12-30.0-20170503	5/3/2017	8270C	92-87-5	Benzidine		U	9.0	18	mg/kg	UJ	c	ICV %D	24.3	20	%
4401835741	RI-12-30.0-20170503	5/3/2017	8270C	100-02-7	4-Nitrophenol		U	1.9	11	mg/kg	UJ	c	CCV %D	24.2	20	%
4401835741	RI-12-30.0-20170503-FD	5/3/2017	8270C	92-87-5	Benzidine		U	4.6	9.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401835741	RI-12-30.0-20170503-FD	5/3/2017	8270C	100-02-7	4-Nitrophenol		U	0.98	5.8	mg/kg	UJ	c	CCV %D	24.2	20	%
4401835741	RI-12-5.0-20170503	5/3/2017	8270C	92-87-5	Benzidine		U	0.73	1.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401835741	RI-12-5.0-20170503	5/3/2017	8270C	100-02-7	4-Nitrophenol		U	0.15	0.92	mg/kg	UJ	c	CCV %D	24.2	20	%
4401837021	RI-22-1.0-20170504	5/4/2017	8270C	91-94-1	3,3'-Dichlorobenzidine		UF1	0.16	0.87	mg/kg	UJ	m	MS/MSD %R	-,19	20-130	%
4401837021	RI-22-1.0-20170504	5/4/2017	8270C	92-87-5	Benzidine		UF1	0.69	1.4	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401837021	RI-22-1.0-20170504	5/4/2017	8270C	100-51-6	Benzyl Alcohol		U	0.16	0.35	mg/kg	UJ	c	CCV %D	29.7	20	%
4401837021	RI-22-10.0-20170504	5/4/2017	8270C	99-09-2	3-Nitroaniline		U	0.14	0.35	mg/kg	UJ	c	CCV %D	26.9	20	%
4401837021	RI-22-10.0-20170504	5/4/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401837021	RI-22-20.0-20170504	5/4/2017	8270C	92-87-5	Benzidine		U	1.8	3.7	mg/kg	UJ	c	ICV %D	24.3	20	%
4401837021	RI-22-20.0-20170504	5/4/2017	8270C	99-09-2	3-Nitroaniline		U	0.37	0.91	mg/kg	UJ	c	CCV %D	26.9	20	%
4401837021	RI-22-30.0-20170504	5/4/2017	8270C	99-09-2	3-Nitroaniline		U	0.22	0.53	mg/kg	UJ	c	CCV %D	26.9	20	%
4401837021	RI-22-30.0-20170504	5/4/2017	8270C	92-87-5	Benzidine		U	1.1	2.2	mg/kg	UJ	c	ICV %D	24.3	20	%
4401837021	RI-22-40.0-20170504	5/4/2017	8270C	99-09-2	3-Nitroaniline		U	0.41	1.0	mg/kg	UJ	c	CCV %D	26.9	20	%
4401837021	RI-22-40.0-20170504	5/4/2017	8270C	92-87-5	Benzidine		U	2.0	4.1	mg/kg	UJ	c	ICV %D	24.3	20	%
4401837021	RI-22-5.0-20170504	5/4/2017	8270C	92-87-5	Benzidine		U	0.71	1.4	mg/kg	UJ	c	ICV %D	24.3	20	%
4401837021	RI-22-5.0-20170504	5/4/2017	8270C	99-09-2	3-Nitroaniline		U	0.14	0.35	mg/kg	UJ	c	CCV %D	26.9	20	%
4401847231	RI-23-10.0-20170517	5/17/2017	8270C	92-87-5	Benzidine		U	1.5	3.0	mg/kg	UJ	c	ICV %D	24.3	20	%
4401847231	RI-23-10.0-20170517	5/17/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.30	1.9	mg/kg	UJ	c	CCV %D	30.5	20	%
4401847231	RI-23-2.0-20170517	5/17/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.31	1.9	mg/kg	UJ	c	CCV %D	30.5	20	%
4401847231	RI-23-2.0-20170517	5/17/2017	8270C	92-87-5	Benzidine		U	1.5	3.1	mg/kg	UJ	c	ICV %D	24.3	20	%
4401847231	RI-23-5.0-20170517	5/17/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.30	1.9	mg/kg	UJ	c	CCV %D	30.5	20	%
4401847231	RI-23-5.0-20170517	5/17/2017	8270C	84-66-2	Diethylphthalate	0.54	J	0.22	0.75	mg/kg	J	sp	< PQL			
4401847231	RI-23-5.0-20170517	5/17/2017	8270C	92-87-5	Benzidine		U	1.5	3.0	mg/kg	UJ	c	ICV %D	24.3	20	%
4401848581	RI-27-1.0-20170519	5/19/2017	8270C	92-87-5	Benzidine		U	1.4	2.9	mg/kg	UJ	c	ICV %D	24.3	20	%
4401848581	RI-27-1.0-20170519	5/19/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.29	1.8	mg/kg	UJ	c	CCV %D	30.5	20	%
4401848581	RI-27-10.0-20170519	5/19/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.30	1.9	mg/kg	UJ	c	CCV %D	39.9	20	%
4401848581	RI-27-10.0-20170519	5/19/2017	8270C	92-87-5	Benzidine		U	1.5	3.0	mg/kg	UJ	c	ICV %D	24.3	20	%
4401848581	RI-27-20.0-20170519	5/19/2017	8270C	92-87-5	Benzidine		U	1.6	3.3	mg/kg	UJ	c	ICV %D	24.3	20	%
4401848581	RI-27-20.0-20170519	5/19/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.33	2.0	mg/kg	UJ	c	CCV %D	39.9	20	%
4401848581	RI-27-30.0-20170519	5/19/2017	8270C	92-87-5	Benzidine		U	2.1	4.3	mg/kg	UJ	c	ICV %D	24.3	20	%
4401848581	RI-27-30.0-20170519	5/19/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.43	2.7	mg/kg	UJ	c	CCV %D	39.9	20	%
4401848581	RI-27-40.0-20170519	5/19/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.37	2.3	mg/kg	UJ	c	CCV %D	39.9	20	%
4401848581	RI-27-40.0-20170519	5/19/2017	8270C	92-87-5	Benzidine		U	1.8	3.7	mg/kg	UJ	c	ICV %D	24.3	20	%
4401848581	RI-27-5.0-20170519	5/19/2017	8270C	92-87-5	Benzidine		U	1.5	3.0	mg/kg	UJ	c	ICV %D	24.3	20	%
4401848581	RI-27-5.0-20170519	5/19/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.30	1.9	mg/kg	UJ	c	CCV %D	39.9	20	%
4401848581	RI-6-10.0-20170518	5/18/2017	8270C	92-87-5	Benzidine		U	1.6	3.3	mg/kg	UJ	c	ICV %D	24.3	20	%
4401848581	RI-6-10.0-20170518	5/18/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.33	2.1	mg/kg	UJ	c	CCV %D	30.5	20	%
4401848581	RI-6-5.0-20170518	5/18/2017	8270C	92-87-5	Benzidine		U	1.7	3.5	mg/kg	UJ	c	ICV %D	24.3	20	%
4401848581	RI-6-5.0-20170518	5/18/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.35	2.2	mg/kg	UJ	c	CCV %D	30.5	20	%
4401848581	RIDB-29-1.0-20170519	5/19/2017	8270C	92-87-5	Benzidine		U	1.4	2.9	mg/kg	UJ	c	ICV %D	24.3	20	%
4401848581	RIDB-29-1.0-20170519	5/19/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.28	1.8	mg/kg	UJ	c	CCV %D	39.9	20	%
4401848581	RIDB-29-10.0-20170519	5/19/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.30	1.9	mg/kg	UJ	c	CCV %D	39.9	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401848581	RIDB-29-10.0-20170519	5/19/2017	8270C	92-87-5	Benzidine		U	1.5	3.1	mg/kg	UJ	c	ICV %D	24.3	20	%
4401848581	RIDB-29-5.0-20170519	5/19/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.29	1.8	mg/kg	UJ	c	CCV %D	39.9	20	%
4401848581	RIDB-29-5.0-20170519	5/19/2017	8270C	92-87-5	Benzidine		U	1.5	3.0	mg/kg	UJ	c	ICV %D	24.3	20	%
4401849501	RIDB-29-20.0-20170522	5/22/2017	8270C	92-87-5	Benzidine		U	1.5	3.1	mg/kg	UJ	c	ICV, CCV %D	33.9,28.2	20	%
4401849501	RIDB-29-30.0-20170522	5/22/2017	8270C	92-87-5	Benzidine		U	1.5	3.1	mg/kg	UJ	c	ICV, CCV %D	33.9,28.2	20	%
4401854761	RI-23-20.0-20170530	5/30/2017	8270C	51-28-5	2,4-Dinitrophenol		UF1	0.42	0.84	mg/kg	UJ	m	MS/MSD %R	13,14	20-120	%
4401854761	RI-23-20.0-20170530	5/30/2017	8270C	92-87-5	Benzidine		UF2	0.84	1.7	mg/kg	UJ	c	ICV %D	33.9	20	%
4401854761	RI-23-20.0-20170530	5/30/2017	8270C	65-85-0	Benzoic Acid		UF1	0.43	1.1	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401854761	RI-23-30.0-20170530	5/30/2017	8270C	92-87-5	Benzidine		U	2.1	4.2	mg/kg	UJ	c	ICV %D	33.9	20	%
4401854761	RI-23-40.0-20170530	5/30/2017	8270C	92-87-5	Benzidine		U	2.0	4.0	mg/kg	UJ	c	ICV %D	33.9	20	%
4401863511	RI-17-5.0-20170612	6/12/2017	8270C	91-94-1	3,3'-Dichlorobenzidine		UF2F1	0.16	0.88	mg/kg	UJ	m	MS/MSD %R	19,-	20-130	%
4401863511	RI-17-5.0-20170612	6/12/2017	8270C	65-85-0	Benzoic Acid		UF1	0.36	0.88	mg/kg	UJ	m	MS/MSD %R	17,15	20-120	%
4401863511	RI-17-5.0-20170612	6/12/2017	8270C	51-28-5	2,4-Dinitrophenol		UF2F1	0.35	0.70	mg/kg	UJ	m	MS/MSD %R	14,-	20-120	%
4401863511	RI-17-5.0-20170612	6/12/2017	8270C	92-87-5	Benzidine		UF1	0.70	1.4	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401863511	RI-17-5.0-20170612	6/12/2017	8270C	100-51-6	Benzyl Alcohol		UF1	0.16	0.35	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401865171	RI-28-1.0-20170614	6/14/2017	8270C	205-99-2	Benzo(b)fluoranthene	1.4	J	0.77	3.6	mg/kg	J	sp	< PQL			
4401865171	RI-28-1.0-20170614	6/14/2017	8270C	50-32-8	Benzo(a)pyrene	0.87	J	0.73	3.6	mg/kg	J	sp	< PQL			
4401865171	RI-28-1.0-20170614	6/14/2017	8270C	56-55-3	Benzo(a)anthracene	0.92	J	0.77	3.6	mg/kg	J	sp	< PQL			
4401865171	RI-28-1.0-20170614	6/14/2017	8270C	206-44-0	Fluoranthene	1.0	J	0.77	3.6	mg/kg	J	sp	< PQL			
4401865171	RI-28-1.0-20170614	6/14/2017	8270C	118-74-1	Hexachlorobenzene	1.6	J	0.77	3.6	mg/kg	J	sp	< PQL			
4401865171	RI-28-40.0-20170614	6/14/2017	8270C	51-28-5	2,4-Dinitrophenol		UF1F2	0.51	1.0	mg/kg	UJ	m	MS/MSD %R	11,8	20-120	%
4401865171	RI-28-40.0-20170614	6/14/2017	8270C	65-85-0	Benzoic Acid		UF1	0.52	1.3	mg/kg	R	m	MS/MSD %R	10,0	20-120	%
4401865171	RI-28-40.0-20170614	6/14/2017	8270C	92-87-5	Benzidine		UF1	1.0	2.1	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401866341	RI-11-20.0-20170615	6/15/2017	8270C	117-81-7	bis(2-Ethylhexyl)phthalate	0.23	J	0.097	0.36	mg/kg	J	sp	< PQL			
4401867861	RI-26-30.0-20170616	6/16/2017	8270C	92-87-5	Benzidine		UF1	0.70	1.4	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401867861	RI-26-30.0-20170616	6/16/2017	8270C	65-85-0	Benzoic Acid		UF1F2	0.36	0.88	mg/kg	UJ	m	MS/MSD %R	18,12	20-120	%
4401867861	RI-26-30.0-20170616	6/16/2017	8270C	100-51-6	Benzyl Alcohol		UF1	0.16	0.35	mg/kg	UJ	m	MS/MSD %R	-,19	20-120	%
4401867861	RI-26-30.0-20170616	6/16/2017	8270C	51-28-5	2,4-Dinitrophenol		UF1F2	0.35	0.70	mg/kg	UJ	m	MS/MSD %R	19,14	20-120	%
4401875331	RI-3-5.0-20170629	6/29/2017	8270C	65-85-0	Benzoic Acid		UF1	0.37	0.90	mg/kg	UJ	m	MS/MSD %R	19,-	20-120	%
4401875331	RI-3-5.0-20170629	6/29/2017	8270C	77-47-4	Hexachlorocyclopentadiene		U	0.14	0.90	mg/kg	UJ	c	CCV %D	23.8	20	%
4401875331	RI-3-5.0-20170629	6/29/2017	8270C	92-87-5	Benzidine		UF1	0.72	1.5	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401875891	RI-4-5.0-20170630	6/30/2017	8270C	100-51-6	Benzyl Alcohol		UF1F2	0.16	0.35	mg/kg	UJ	m	MS/MSD %R	14,-	20-120	%
4401875891	RI-4-5.0-20170630	6/30/2017	8270C	92-87-5	Benzidine		UF1	0.71	1.4	mg/kg	R	m	MS/MSD %R	0,0	20-120	%
4401778261	M-5D-52.0-20170222	2/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0071	0.053	mg/kg	UJ	c	ICV %D	20.1	20	%
4401778261	RIDB-8-1.0-20170222	2/22/2017	8270CSIM	207-08-9	Benzo(k)fluoranthene	0.015	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401778261	RIDB-8-1.0-20170222	2/22/2017	8270CSIM	56-55-3	Benzo(a)anthracene	0.028	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401778261	RIDB-8-1.0-20170222	2/22/2017	8270CSIM	53-70-3	Dibenz(a,h)anthracene	0.0050	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401778261	RIDB-8-1.0-20170222	2/22/2017	8270CSIM	218-01-9	Chrysene	0.031	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401778261	RIDB-8-1.0-20170222	2/22/2017	8270CSIM	50-32-8	Benzo(a)pyrene	0.018	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401778261	RIDB-8-1.0-20170222	2/22/2017	8270CSIM	191-24-2	Benzo(g,h,i)perylene	0.017	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401778261	RIDB-8-1.0-20170222	2/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.021	J	0.0042	0.032	mg/kg	J-	c,sp	ICV %D; < PQL	20.1	20	%
4401778261	RIDB-8-10.0-20170222	2/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401778261	RIDB-8-20.0-20170222	2/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401778261	RIDB-8-30.0-20170222	2/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0047	0.035	mg/kg	UJ	c	ICV %D	20.1	20	%
4401778261	RIDB-8-30.0-20170222-FD	2/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0046	0.035	mg/kg	UJ	c	ICV %D	20.1	20	%
4401778261	RIDB-8-5.0-20170222	2/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401778261	RIDB-9-1.0-20170222	2/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401778261	RIDB-9-5.0-20170222	2/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401780271	RIDB-14-1.0-20170223	2/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0088	0.066	mg/kg	UJ	c	ICV %D	20.1	20	%
4401780271	RIDB-14-10.0-20170223	2/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0045	0.034	mg/kg	UJ	c	ICV %D	20.1	20	%
4401780271	RIDB-14-20.0-20170223	2/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401780271	RIDB-14-5.0-20170223	2/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401780271	RIDB-9-10.0-20170223	2/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401780271	RIDB-9-20.0-20170223	2/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401780271	RIDB-9-30.0-20170223	2/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20 %
4401781721	RIDB-10-1.0-20170223	2/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20 %
4401781721	RIDB-10-10.0-20170224	2/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20 %
4401781721	RIDB-10-20.0-20170224	2/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20 %
4401781721	RIDB-10-30.0-20170224	2/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.090	mg/kg	UJ	c	ICV %D	20.1	20 %
4401781721	RIDB-10-5.0-20170223	2/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0045	0.033	mg/kg	UJ	c	ICV %D	20.1	20 %
4401781721	RIDB-13-1.0-20170224	2/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0041	0.030	mg/kg	UJ	c	ICV %D	20.1	20 %
4401781721	RIDB-13-10.0-20170224	2/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0045	0.033	mg/kg	UJ	c	ICV %D	20.1	20 %
4401781721	RIDB-13-20.0-20170224	2/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0045	0.034	mg/kg	UJ	c	ICV %D	20.1	20 %
4401781721	RIDB-13-30.0-20170224	2/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.013	0.095	mg/kg	UJ	c	ICV %D	20.1	20 %
4401781721	RIDB-13-30.0-20170224-FD	2/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.013	0.10	mg/kg	UJ	c	ICV %D	20.1	20 %
4401781721	RIDB-13-5.0-20170224	2/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20 %
4401781721	RIDB-14-30.0-20170223	2/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20 %
4401783023	RIDB-6-0.5-20170225	2/25/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0045	0.034	mg/kg	UJ	c	ICV %D	20.1	20 %
4401783023	RIDB-6-10.0-20170226	2/26/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20 %
4401783023	RIDB-6-20.0-20170226	2/26/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0056	0.042	mg/kg	UJ	c	ICV %D	20.1	20 %
4401783023	RIDB-6-30.0-20170226	2/26/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0061	0.046	mg/kg	UJ	c	ICV %D	20.1	20 %
4401783023	RIDB-6-40.0-20170226	2/26/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0068	0.051	mg/kg	UJ	c	ICV %D	20.1	20 %
4401783023	RIDB-6-5.0-20170225	2/25/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20 %
4401783023	RIDB-6-5.0-20170225-FD	2/25/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.033	mg/kg	UJ	c	ICV %D	20.1	20 %
4401783023	RIDB-6-50.0-20170226	2/26/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0073	0.055	mg/kg	UJ	c	ICV %D	20.1	20 %
4401783023	RIDB-6-60.0-20170226	2/26/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.094	mg/kg	UJ	c	ICV %D	20.1	20 %
4401790221	RIDB-20-1.0-20170307	3/7/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0088	0.066	mg/kg	UJ	c	ICV %D	20.1	20 %
4401790221	RIDB-4-0.5-20170306	3/6/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0089	0.067	mg/kg	UJ	c	ICV %D	20.1	20 %
4401790221	RIDB-4-10.0-20170307	3/7/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.010	0.078	mg/kg	UJ	c	ICV %D	20.1	20 %
4401790221	RIDB-4-10.0-20170307-FD	3/7/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.086	mg/kg	UJ	c	ICV %D	20.1	20 %
4401790221	RIDB-4-20.0-20170307	3/7/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.013	0.095	mg/kg	UJ	c	ICV %D	20.1	20 %
4401790221	RIDB-4-30.0-20170307	3/7/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.093	mg/kg	UJ	c	ICV %D	20.1	20 %
4401790221	RIDB-4-5.0-20170307	3/7/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0094	0.071	mg/kg	UJ	c	ICV %D	20.1	20 %
4401791531	RIDB-1-0.5-20170308	3/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0082	0.061	mg/kg	UJ	c	ICV %D	20.1	20 %
4401791531	RIDB-1-10.0-20170308	3/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0089	0.067	mg/kg	UJ	c	ICV %D	20.1	20 %
4401791531	RIDB-1-20.0-20170308	3/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.010	0.078	mg/kg	UJ	c	ICV %D	20.1	20 %
4401791531	RIDB-1-30.0-20170308	3/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.090	mg/kg	UJ	c	ICV %D	20.1	20 %
4401791531	RIDB-1-30.0-20170308-EB	3/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.10	0.20	ug/l	UJ	c	ICV %D	20.1	20 %
4401791531	RIDB-1-5.0-20170308	3/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0089	0.067	mg/kg	UJ	c	ICV %D	20.1	20 %
4401791531	RIDB-20-10.0-20170308	3/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0093	0.069	mg/kg	UJ	c	ICV %D	20.1	20 %
4401791531	RIDB-20-20.0-20170308	3/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0092	0.069	mg/kg	UJ	c	ICV %D	20.1	20 %
4401791531	RIDB-20-30.0-20170308	3/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0089	0.067	mg/kg	UJ	c	ICV %D	20.1	20 %
4401791531	RIDB-20-30.0-20170308-FD	3/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0091	0.068	mg/kg	UJ	c	ICV %D	20.1	20 %
4401791531	RIDB-20-5.0-20170307	3/7/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0091	0.068	mg/kg	UJ	c	ICV %D	20.1	20 %
4401792801	RIDB-17-1.0-20170309	3/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20 %
4401792801	RIDB-17-10.0-20170309	3/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20 %
4401792801	RIDB-17-20.0-20170309	3/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20 %
4401792801	RIDB-17-30.0-20170309	3/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.092	mg/kg	UJ	c	ICV %D	20.1	20 %
4401792801	RIDB-17-30.0-20170309-FD	3/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.088	mg/kg	UJ	c	ICV %D	20.1	20 %
4401792801	RIDB-17-5.0-20170309	3/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20 %
4401792801	RIDB-2-0.5-20170309	3/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0093	0.069	mg/kg	UJ	c	ICV %D	20.1	20 %
4401792801	RIDB-2-10.0-20170309	3/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0046	0.035	mg/kg	UJ	c	ICV %D	20.1	20 %
4401792801	RIDB-2-20.0-20170309	3/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0057	0.043	mg/kg	UJ	c	ICV %D	20.1	20 %
4401792801	RIDB-2-20.0-20170309-FD	3/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0068	0.051	mg/kg	UJ	c	ICV %D	20.1	20 %
4401792801	RIDB-2-30.0-20170309	3/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0061	0.046	mg/kg	UJ	c	ICV %D	20.1	20 %
4401792801	RIDB-2-5.0-20170309	3/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20 %
4401794191	RIDB-15-1.0-20170310	3/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20 %
4401794191	RIDB-15-10.0-20170310	3/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794191	RIDB-15-20.0-20170310	3/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794191	RIDB-15-30.0-20170310	3/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0060	0.045	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794191	RIDB-15-5.0-20170310	3/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0048	0.036	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794191	RIDB-3-30.0-20170310	3/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.089	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794191	RIDB-3-5.0-20170310	3/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RI-16-10.0-20170312	3/12/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RI-16-20.0-20170312	3/12/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0088	0.066	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RI-16-30.0-20170312	3/12/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0092	0.069	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RI-16-5.0-20170312	3/12/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RIDB-5-0.5-20170311	3/11/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RIDB-5-10.0-20170311	3/11/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0045	0.034	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RIDB-5-20.0-20170311	3/11/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0099	0.074	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RIDB-5-30.0-20170311	3/11/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.013	0.098	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RIDB-5-5.0-20170311	3/11/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RIDB-5-5.0-20170311-FD	3/11/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RIDB-7-0.5-20170312	3/12/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RIDB-7-0.5-20170312-FD	3/12/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RIDB-7-10.0-20170312	3/12/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RIDB-7-20.0-20170312	3/12/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0054	0.040	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RIDB-7-30.0-20170312	3/12/2017	8270CSIM	91-20-3	Naphthalene	0.046	J	0.015	0.11	mg/kg	J	sp	< PQL			
4401794561	RIDB-7-30.0-20170312	3/12/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.015	0.11	mg/kg	UJ	c	ICV %D	20.1	20	%
4401794561	RIDB-7-5.0-20170312	3/12/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401796371	RIDB-18-1.0-20170314	3/14/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401796371	RIDB-18-10.0-20170314	3/14/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401796371	RIDB-18-10.0-20170314	3/14/2017	8270CSIM	91-20-3	Naphthalene	0.0064	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401796371	RIDB-18-10.0-20170314-EB	3/14/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.10	0.21	ug/l	UJ	c	ICV %D	20.1	20	%
4401796371	RIDB-18-20.0-20170314	3/14/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401796371	RIDB-18-20.0-20170314	3/14/2017	8270CSIM	91-20-3	Naphthalene	0.022	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401796371	RIDB-18-30.0-20170314	3/14/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.013	0.099	mg/kg	UJ	c	ICV %D	20.1	20	%
4401796371	RIDB-18-30.0-20170314-FD	3/14/2017	8270CSIM	91-20-3	Naphthalene	0.027	J	0.014	0.10	mg/kg	J	sp	< PQL			
4401796371	RIDB-18-30.0-20170314-FD	3/14/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.014	0.10	mg/kg	UJ	c	ICV %D	20.1	20	%
4401796371	RIDB-18-5.0-20170314	3/14/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401796371	RIDB-18-5.0-20170314	3/14/2017	8270CSIM	91-20-3	Naphthalene	0.0056	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401801011	RIDB-11-1.0-20170320	3/20/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401801011	RIDB-11-10.0-20170320	3/20/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401801011	RIDB-11-5.0-20170320	3/20/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401801011	RIDB-19-1.0-20170320	3/20/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401801011	RIDB-19-10.0-20170320	3/20/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401801011	RIDB-19-20.0-20170320	3/20/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401801011	RIDB-19-30.0-20170320	3/20/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.014	0.11	mg/kg	UJ	c	ICV %D	20.1	20	%
4401801011	RIDB-19-5.0-20170320	3/20/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401801931	RIDB-11-20.0-20170320	3/20/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401801931	RIDB-11-30.0-20170321	3/21/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.013	0.097	mg/kg	UJ	c	ICV %D	20.1	20	%
4401801931	RIDB-27-1.0-20170321	3/21/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.092	mg/kg	UJ	c	ICV %D	20.1	20	%
4401803311	RIDB-12-1.0-20170321	3/21/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401803311	RIDB-12-10.0-20170322	3/22/2017	8270CSIM	56-55-3	Benzo(a)anthracene	0.0063	J	0.0041	0.031	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-10.0-20170322	3/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0041	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401803311	RIDB-12-10.0-20170322	3/22/2017	8270CSIM	205-99-2	Benzo(b)fluoranthene	0.0076	J	0.0041	0.031	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-10.0-20170322	3/22/2017	8270CSIM	218-01-9	Chrysene	0.0068	J	0.0041	0.031	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-10.0-20170322	3/22/2017	8270CSIM	129-00-0	Pyrene	0.0056	J	0.0041	0.031	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-10.0-20170322	3/22/2017	8270CSIM	50-32-8	Benzo(a)pyrene	0.0046	J	0.0041	0.031	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401803311	RIDB-12-10.0-20170322	3/22/2017	8270CSIM	206-44-0	Fluoranthene	0.0048	J	0.0041	0.031	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-20.0-20170322	3/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401803311	RIDB-12-30.0-20170322	3/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.014	0.10	mg/kg	UJ	c	ICV %D	20.1	20	%
4401803311	RIDB-12-5.0-20170321	3/21/2017	8270CSIM	129-00-0	Pyrene	0.0047	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-5.0-20170321	3/21/2017	8270CSIM	56-55-3	Benzo(a)anthracene	0.0044	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-5.0-20170321	3/21/2017	8270CSIM	218-01-9	Chrysene	0.0069	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-5.0-20170321	3/21/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.0051	J	0.0042	0.032	mg/kg	J-	c,sp	ICV %D; < PQL	20.1	20	%
4401803311	RIDB-12-5.0-20170321	3/21/2017	8270CSIM	50-32-8	Benzo(a)pyrene	0.0044	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-5.0-20170321	3/21/2017	8270CSIM	205-99-2	Benzo(b)fluoranthene	0.0095	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-5.0-20170321	3/21/2017	8270CSIM	206-44-0	Fluoranthene	0.0057	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401803311	RIDB-27-10.0-20170321	3/21/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401803311	RIDB-27-20.0-20170321	3/21/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0049	0.037	mg/kg	UJ	c	ICV %D	20.1	20	%
4401803311	RIDB-27-5.0-20170321	3/21/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401804391	RIDB-25-1.0-20170323	3/23/2017	8270CSIM	56-55-3	Benzo(a)anthracene	0.0082	J	0.0040	0.030	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-1.0-20170323	3/23/2017	8270CSIM	206-44-0	Fluoranthene	0.029	J	0.0040	0.030	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-1.0-20170323	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.0063	J	0.0040	0.030	mg/kg	J-	c,sp	ICV %D; < PQL	20.1	20	%
4401804391	RIDB-25-1.0-20170323	3/23/2017	8270CSIM	129-00-0	Pyrene	0.013	J	0.0040	0.030	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-1.0-20170323	3/23/2017	8270CSIM	85-01-8	Phenanthrene	0.0074	J	0.0040	0.030	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-10.0-20170323	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401804391	RIDB-25-20.0-20170323	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401804391	RIDB-25-30.0-20170323	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.013	0.096	mg/kg	UJ	c	ICV %D	20.1	20	%
4401804391	RIDB-25-5.0-20170323	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401804391	RIDB-28-1.0-20170322	3/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401804391	RIDB-28-10.0-20170323	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401804391	RIDB-28-10.0-20170323-FD	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401804391	RIDB-28-20.0-20170323	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401804391	RIDB-28-30.0-20170323	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401804391	RIDB-28-5.0-20170322	3/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401805931	RIDB-24-1.0-20170323	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0040	0.030	mg/kg	UJ	c	ICV %D	20.1	20	%
4401805931	RIDB-24-10.0-20170324	3/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0041	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401805931	RIDB-24-20.0-20170324	3/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401805931	RIDB-24-30.0-20170324	3/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0086	0.065	mg/kg	UJ	c	ICV %D	20.1	20	%
4401805931	RIDB-24-5.0-20170323	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401805931	RIDB-26-1.0-20170323	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0040	0.030	mg/kg	UJ	c	ICV %D	20.1	20	%
4401805931	RIDB-26-10.0-20170324	3/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401805931	RIDB-26-20.0-20170324	3/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.013	0.095	mg/kg	UJ	c	ICV %D	20.1	20	%
4401805931	RIDB-26-5.0-20170323	3/23/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0044	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401806961	RIDB-22-1.0-20170327	3/27/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0040	0.030	mg/kg	UJ	c	ICV %D	20.1	20	%
4401806961	RIDB-22-1.0-20170327-FD	3/27/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0040	0.030	mg/kg	UJ	c	ICV %D	20.1	20	%
4401806961	RIDB-22-10.0-20170327	3/27/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0041	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401806961	RIDB-22-20.0-20170327	3/27/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401806961	RIDB-22-30.0-20170327	3/27/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.094	mg/kg	UJ	c	ICV %D	20.1	20	%
4401806961	RIDB-22-5.0-20170327	3/27/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0040	0.030	mg/kg	UJ	c	ICV %D	20.1	20	%
4401808191	RIDB-21-1.0-20170328	3/28/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0040	0.030	mg/kg	UJ	c	ICV %D	20.1	20	%
4401808191	RIDB-21-10.0-20170328	3/28/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0041	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401808191	RIDB-21-20.0-20170328	3/28/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.011	0.084	mg/kg	UJ	c	ICV %D	20.1	20	%
4401808191	RIDB-21-30.0-20170328	3/28/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.014	0.11	mg/kg	UJ	c	ICV %D	20.1	20	%
4401808191	RIDB-21-5.0-20170328	3/28/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0040	0.030	mg/kg	UJ	c	ICV %D	20.1	20	%
4401812001	RIDB-23-1.0-20170403	4/3/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0040	0.030	mg/kg	UJ	c	ICV %D	20.1	20	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.094	mg/kg	UJ	c	ICV %D	20.1	20	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0041	0.030	mg/kg	UJ	c	ICV %D	20.1	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401812971	RIDB-23-30.0-20170404	4/4/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.013	0.10	mg/kg	UJ	c	ICV %D	20.1	20	%
4401814201	RI-5-10.0-20170405	4/5/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0054	0.041	mg/kg	UJ	c	ICV %D	20.1	20	%
4401814201	RI-5-20.0-20170405	4/5/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.013	0.096	mg/kg	UJ	c	ICV %D	20.1	20	%
4401814201	RI-5-30.0-20170405	4/5/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.089	mg/kg	UJ	c	ICV %D	20.1	20	%
4401814201	RI-5-5.0-20170404	4/4/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401814201	RI-5-5.0-20170404	4/4/2017	8270CSIM	205-99-2	Benzo(b)fluoranthene	0.0047	J	0.0043	0.033	mg/kg	J	sp	< PQL			
4401816611	RI-9-5.0-20170407	4/7/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817161	RI-7-10.0-20170408	4/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817161	RI-7-20.0-20170408	4/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817161	RI-7-20.0-20170408-FD	4/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.033	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817161	RI-7-30.0-20170408	4/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.014	0.11	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817161	RI-7-5.0-20170408	4/8/2017	8270CSIM	205-99-2	Benzo(b)fluoranthene	0.0059	J	0.0042	0.031	mg/kg	J	sp	< PQL			
4401817161	RI-7-5.0-20170408	4/8/2017	8270CSIM	129-00-0	Pyrene	0.0057	J	0.0042	0.031	mg/kg	J	sp	< PQL			
4401817161	RI-7-5.0-20170408	4/8/2017	8270CSIM	206-44-0	Fluoranthene	0.0054	J	0.0042	0.031	mg/kg	J	sp	< PQL			
4401817161	RI-7-5.0-20170408	4/8/2017	8270CSIM	218-01-9	Chrysene	0.0052	J	0.0042	0.031	mg/kg	J	sp	< PQL			
4401817161	RI-7-5.0-20170408	4/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817221	RI-10-10.0-20170409	4/9/2017	8270CSIM	50-32-8	Benzo(a)pyrene	0.010	J	0.0042	0.031	mg/kg	J	sp	< PQL			
4401817221	RI-10-10.0-20170409	4/9/2017	8270CSIM	129-00-0	Pyrene	0.014	J	0.0042	0.031	mg/kg	J	sp	< PQL			
4401817221	RI-10-10.0-20170409	4/9/2017	8270CSIM	218-01-9	Chrysene	0.016	J	0.0042	0.031	mg/kg	J	sp	< PQL			
4401817221	RI-10-10.0-20170409	4/9/2017	8270CSIM	191-24-2	Benzo(g,h,i)perylene	0.0086	J	0.0042	0.031	mg/kg	J	sp	< PQL			
4401817221	RI-10-10.0-20170409	4/9/2017	8270CSIM	206-44-0	Fluoranthene	0.011	J	0.0042	0.031	mg/kg	J	sp	< PQL			
4401817221	RI-10-10.0-20170409	4/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.010	J	0.0042	0.031	mg/kg	J-	c,sp	ICV %D; < PQL	20.1	20	%
4401817221	RI-10-10.0-20170409	4/9/2017	8270CSIM	56-55-3	Benzo(a)anthracene	0.0090	J	0.0042	0.031	mg/kg	J	sp	< PQL			
4401817221	RI-10-10.0-20170409	4/9/2017	8270CSIM	207-08-9	Benzo(k)fluoranthene	0.0076	J	0.0042	0.031	mg/kg	J	sp	< PQL			
4401817221	RI-10-10.0-20170409	4/9/2017	8270CSIM	205-99-2	Benzo(b)fluoranthene	0.021	J	0.0042	0.031	mg/kg	J	sp	< PQL			
4401817221	RI-10-5.0-20170409	4/9/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817221	RI-9-10.0-20170408	4/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817221	RI-9-10.0-20170408	4/8/2017	8270CSIM	218-01-9	Chrysene	0.0054	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401817221	RI-9-20.0-20170408	4/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0045	0.034	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817221	RI-9-30.0-20170408	4/8/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.012	0.092	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817451	RI-20-10.0-20170410	4/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817451	RI-20-20.0-20170410	4/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0043	0.032	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817451	RI-20-30.0-20170410	4/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0053	0.040	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817451	RI-20-5.0-20170410	4/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.0042	0.031	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817491	RI-10-20.0-20170410	4/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.015	0.11	mg/kg	UJ	c	ICV %D	20.1	20	%
4401817491	RI-10-30.0-20170410	4/10/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene		U	0.013	0.098	mg/kg	UJ	c	ICV %D	20.1	20	%
4401824981	RI-25-5.0-20170417	4/17/2017	8270CSIM	53-70-3	Dibenz(a,h)anthracene	0.19	J	0.072	0.54	mg/kg	J	sp	< PQL			
4401828041	RI-21-10.0-20170422	4/22/2017	8270CSIM	120-12-7	Anthracene	0.0077	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401828041	RI-21-10.0-20170422	4/22/2017	8270CSIM	85-01-8	Phenanthrene	0.027	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401828041	RI-21-10.0-20170422	4/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.017	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401828041	RI-21-10.0-20170422	4/22/2017	8270CSIM	50-32-8	Benzo(a)pyrene	0.031	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401828041	RI-21-10.0-20170422	4/22/2017	8270CSIM	191-24-2	Benzo(g,h,i)perylene	0.013	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401828041	RI-21-10.0-20170422	4/22/2017	8270CSIM	207-08-9	Benzo(k)fluoranthene	0.020	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401828041	RI-21-20.0-20170422	4/22/2017	8270CSIM	86-73-7	Fluorene	0.011	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401828041	RI-21-20.0-20170422	4/22/2017	8270CSIM	83-32-9	Acenaphthene	0.012	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401828041	RI-21-20.0-20170422	4/22/2017	8270CSIM	53-70-3	Dibenz(a,h)anthracene	0.021	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401828041	RI-21-5.0-20170422	4/22/2017	8270CSIM	207-08-9	Benzo(k)fluoranthene	0.020	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401828041	RI-21-5.0-20170422	4/22/2017	8270CSIM	91-20-3	Naphthalene	0.019	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401828041	RI-21-5.0-20170422	4/22/2017	8270CSIM	191-24-2	Benzo(g,h,i)perylene	0.0097	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401828041	RI-21-5.0-20170422	4/22/2017	8270CSIM	50-32-8	Benzo(a)pyrene	0.029	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401828041	RI-21-5.0-20170422	4/22/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.016	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401828041	RI-21-5.0-20170422	4/22/2017	8270CSIM	85-01-8	Phenanthrene	0.030	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401829431	RI-2-30.0-20170425	4/25/2017	8270CSIM	85-01-8	Phenanthrene	0.013	J	0.012	0.089	mg/kg	J	sp	< PQL			
4401834241	RI-13-10.0-20170502	5/2/2017	8270CSIM	218-01-9	Chrysene	0.025	J	0.0044	0.033	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401834241	RI-13-5.0-20170502	5/2/2017	8270CSIM	218-01-9	Chrysene	0.0048	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401837021	RI-22-1.0-20170504	5/4/2017	8270CSIM	218-01-9	Chrysene	0.0042	JF1F2	0.0042	0.031	mg/kg	J	m,ld,sp	MS/MSD %R, RPD; < PQL	121,-; 26	55-120; 25	%
4401837021	RI-22-1.0-20170504	5/4/2017	8270CSIM	205-99-2	Benzo(b)fluoranthene	0.0071	JF1F2	0.0042	0.031	mg/kg	J	m,ld,sp	MS/MSD %R, RPD; < PQL	153,-; 32	45-125; 30	%
4401837021	RI-22-5.0-20170504	5/4/2017	8270CSIM	218-01-9	Chrysene	0.0045	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401837021	RI-22-5.0-20170504	5/4/2017	8270CSIM	191-24-2	Benzo(g,h,i)perylene	0.0054	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401837021	RI-22-5.0-20170504	5/4/2017	8270CSIM	205-99-2	Benzo(b)fluoranthene	0.0086	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401837021	RI-22-5.0-20170504	5/4/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.0060	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401837021	RI-22-5.0-20170504	5/4/2017	8270CSIM	50-32-8	Benzo(a)pyrene	0.0055	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401847231	RI-23-2.0-20170517	5/17/2017	8270CSIM	207-08-9	Benzo(k)fluoranthene	0.010	J	0.0090	0.067	mg/kg	J	sp	< PQL			
4401847231	RI-23-2.0-20170517	5/17/2017	8270CSIM	205-99-2	Benzo(b)fluoranthene	0.024	J	0.0090	0.067	mg/kg	J	sp	< PQL			
4401847231	RI-23-2.0-20170517	5/17/2017	8270CSIM	218-01-9	Chrysene	0.016	J	0.0090	0.067	mg/kg	J	sp	< PQL			
4401847231	RI-23-2.0-20170517	5/17/2017	8270CSIM	56-55-3	Benzo(a)anthracene	0.010	J	0.0090	0.067	mg/kg	J	sp	< PQL			
4401847231	RI-23-2.0-20170517	5/17/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.014	J	0.0090	0.067	mg/kg	J	sp	< PQL			
4401847231	RI-23-2.0-20170517	5/17/2017	8270CSIM	191-24-2	Benzo(g,h,i)perylene	0.027	J	0.0090	0.067	mg/kg	J	sp	< PQL			
4401847231	RI-23-2.0-20170517	5/17/2017	8270CSIM	206-44-0	Fluoranthene	0.013	J	0.0090	0.067	mg/kg	J	sp	< PQL			
4401847231	RI-23-2.0-20170517	5/17/2017	8270CSIM	129-00-0	Pyrene	0.013	J	0.0090	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-1.0-20170519	5/19/2017	8270CSIM	56-55-3	Benzo(a)anthracene	0.019	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-1.0-20170519	5/19/2017	8270CSIM	218-01-9	Chrysene	0.027	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-1.0-20170519	5/19/2017	8270CSIM	206-44-0	Fluoranthene	0.033	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-1.0-20170519	5/19/2017	8270CSIM	207-08-9	Benzo(k)fluoranthene	0.017	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-1.0-20170519	5/19/2017	8270CSIM	205-99-2	Benzo(b)fluoranthene	0.038	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-1.0-20170519	5/19/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.024	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-1.0-20170519	5/19/2017	8270CSIM	50-32-8	Benzo(a)pyrene	0.019	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-1.0-20170519	5/19/2017	8270CSIM	191-24-2	Benzo(g,h,i)perylene	0.022	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-1.0-20170519	5/19/2017	8270CSIM	129-00-0	Pyrene	0.030	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-10.0-20170519	5/19/2017	8270CSIM	205-99-2	Benzo(b)fluoranthene	0.014	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-10.0-20170519	5/19/2017	8270CSIM	129-00-0	Pyrene	0.012	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-10.0-20170519	5/19/2017	8270CSIM	218-01-9	Chrysene	0.010	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401848581	RI-27-10.0-20170519	5/19/2017	8270CSIM	206-44-0	Fluoranthene	0.013	J	0.0089	0.067	mg/kg	J	sp	< PQL			
4401854761	RI-23-20.0-20170530	5/30/2017	8270CSIM	129-00-0	Pyrene	0.0051	J	0.0050	0.037	mg/kg	J	sp	< PQL			
4401863511	RI-17-10.0-20170612	6/12/2017	8270CSIM	91-20-3	Naphthalene	0.0068	J	0.0043	0.033	mg/kg	J	sp	< PQL			
4401863511	RI-17-30.0-20170612	6/12/2017	8270CSIM	91-20-3	Naphthalene	0.016	J	0.011	0.081	mg/kg	J	sp	< PQL			
4401865171	RI-28-1.0-20170614	6/14/2017	8270CSIM	53-70-3	Dibenz(a,h)anthracene	0.22	JF2F1	0.035	0.26	mg/kg	J	m,ld,sp	MS/MSD %R, RPD; < PQL	-,-51; 35	25-135; 30	%
4401865171	RI-28-1.0-20170614	6/14/2017	8270CSIM	85-01-8	Phenanthrene	0.22	JF1	0.035	0.26	mg/kg	J-	m,sp	MS/MSD %R; < PQL	21,-7	50-120	%
4401865171	RI-28-1.0-20170614	6/14/2017	8270CSIM	208-96-8	Acenaphthylene	0.040	J	0.035	0.26	mg/kg	J	sp	< PQL			
4401865171	RI-28-10.0-20170614	6/14/2017	8270CSIM	191-24-2	Benzo(g,h,i)perylene	0.020	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401865171	RI-28-10.0-20170614	6/14/2017	8270CSIM	218-01-9	Chrysene	0.029	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401865171	RI-28-10.0-20170614	6/14/2017	8270CSIM	85-01-8	Phenanthrene	0.0072	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401865171	RI-28-10.0-20170614	6/14/2017	8270CSIM	129-00-0	Pyrene	0.030	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401865171	RI-28-10.0-20170614	6/14/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.020	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401865171	RI-28-10.0-20170614	6/14/2017	8270CSIM	50-32-8	Benzo(a)pyrene	0.022	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401865171	RI-28-10.0-20170614	6/14/2017	8270CSIM	207-08-9	Benzo(k)fluoranthene	0.016	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401865171	RI-28-10.0-20170614	6/14/2017	8270CSIM	56-55-3	Benzo(a)anthracene	0.019	J	0.0044	0.033	mg/kg	J	sp	< PQL			
4401865171	RI-28-30.0-20170614	6/14/2017	8270CSIM	207-08-9	Benzo(k)fluoranthene	0.0051	J	0.0048	0.036	mg/kg	J	sp	< PQL			
4401865171	RI-28-30.0-20170614	6/14/2017	8270CSIM	50-32-8	Benzo(a)pyrene	0.0050	J	0.0048	0.036	mg/kg	J	sp	< PQL			
4401865171	RI-28-5.0-20170614	6/14/2017	8270CSIM	205-99-2	Benzo(b)fluoranthene	0.0051	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401865171	RI-28-5.0-20170614	6/14/2017	8270CSIM	206-44-0	Fluoranthene	0.0043	J	0.0043	0.032	mg/kg	J	sp	< PQL			
4401875941	RI-4-20.0-20170630	6/30/2017	8270CSIM	206-44-0	Fluoranthene	0.016	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401875941	RI-4-20.0-20170630	6/30/2017	8270CSIM	191-24-2	Benzo(g,h,i)perylene	0.0074	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401875941	RI-4-20.0-20170630	6/30/2017	8270CSIM	56-55-3	Benzo(a)anthracene	0.0058	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401875941	RI-4-20.0-20170630	6/30/2017	8270CSIM	85-01-8	Phenanthrene	0.0053	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401875941	RI-4-20.0-20170630	6/30/2017	8270CSIM	218-01-9	Chrysene	0.0098	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401875941	RI-4-20.0-20170630	6/30/2017	8270CSIM	129-00-0	Pyrene	0.014	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401875941	RI-4-20.0-20170630	6/30/2017	8270CSIM	205-99-2	Benzo(b)fluoranthene	0.014	J	0.0042	0.032	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401875941	RI-4-20.0-20170630	6/30/2017	8270CSIM	193-39-5	Indeno(1,2,3-cd)pyrene	0.0073	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401875941	RI-4-20.0-20170630	6/30/2017	8270CSIM	207-08-9	Benzo(k)fluoranthene	0.0048	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401875941	RI-4-20.0-20170630	6/30/2017	8270CSIM	50-32-8	Benzo(a)pyrene	0.0067	J	0.0042	0.032	mg/kg	J	sp	< PQL			
4401778261	RIDB-8-1.0-20170222	2/22/2017	8081A	72-55-9	4,4'-DDE	0.20		0.016	0.053	mg/kg	J-	c	CCV %D	24.7	20	%
4401778261	RIDB-8-1.0-20170222	2/22/2017	8081A	72-54-8	4,4'-DDD	0.046		0.0016	0.0053	mg/kg	J+	s	Surrogate %R (DCB)	212	45-120	%
4401778261	RIDB-8-1.0-20170222	2/22/2017	8081A	319-84-6	alpha-BHC	0.0016	J	0.0016	0.0053	mg/kg	J+	s,sp	Surrogate %R (DCB); < PQL	212	45-120	%
4401778261	RIDB-8-10.0-20170222	2/22/2017	8081A	319-85-7	beta-BHC	0.0044	J	0.0016	0.0054	mg/kg	J	sp	< PQL			
4401780271	RIDB-14-1.0-20170223	2/23/2017	8081A	72-54-8	4,4'-DDD	0.0033	J	0.0016	0.0053	mg/kg	J	sp	< PQL			
4401781721	RIDB-10-5.0-20170223	2/23/2017	8081A	319-85-7	beta-BHC	0.0054	J	0.0017	0.0055	mg/kg	J	sp	< PQL			
4401781721	RIDB-13-5.0-20170224	2/24/2017	8081A	72-55-9	4,4'-DDE	0.0032	Jp	0.0016	0.0053	mg/kg	J+	s,sp	Surrogate %R (DCB); < PQL	1591	45-120	%
4401781721	RIDB-13-5.0-20170224	2/24/2017	8081A	319-84-6	alpha-BHC	0.0027	J	0.0016	0.0053	mg/kg	J+	s,sp	Surrogate %R (DCB); < PQL	1591	45-120	%
4401781721	RIDB-13-5.0-20170224	2/24/2017	8081A	3424-82-6	2,4'-DDE	0.011		0.0016	0.0053	mg/kg	J+	s	Surrogate %R (DCB)	1591	45-120	%
4401783023	RIDB-6-0.5-20170225	2/25/2017	8081A	72-55-9	4,4'-DDE	0.016		0.0017	0.0056	mg/kg	J	c,s	CCV %D; Surrogate %R (DCB)	24.7; 164	20; 45-120	%
4401783023	RIDB-6-0.5-20170225	2/25/2017	8081A	3424-82-6	2,4'-DDE	0.0066		0.0017	0.0056	mg/kg	J+	s	Surrogate %R (DCB)	164	45-120	%
4401783023	RIDB-6-0.5-20170225	2/25/2017	8081A	72-54-8	4,4'-DDD	0.016		0.0017	0.0056	mg/kg	J	c,s	CCV %D; Surrogate %R (DCB)	21.1; 164	20; 45-120	%
4401783023	RIDB-6-0.5-20170225	2/25/2017	8081A	58-89-9	gamma-BHC		U	0.0017	0.0056	mg/kg	UJ	c	CCV %D; Surrogate %R (DCB)	32.35; 164	20; 45-120	%
4401783023	RIDB-6-0.5-20170225	2/25/2017	8081A	50-29-3	4,4'-DDT	0.016		0.0017	0.0056	mg/kg	J+	s	Surrogate %R (DCB)	164	45-120	%
4401783023	RIDB-6-0.5-20170225	2/25/2017	8081A	319-85-7	beta-BHC	0.0074		0.0017	0.0056	mg/kg	J+	s	Surrogate %R (DCB)	164	45-120	%
4401783023	RIDB-6-0.5-20170225	2/25/2017	8081A	309-00-2	Aldrin		U	0.0017	0.0056	mg/kg	UJ	c	CCV %D	39.85	20	%
4401783023	RIDB-6-10.0-20170226	2/26/2017	8081A	50-29-3	4,4'-DDT	0.0034	J	0.0034	0.011	mg/kg	J	sp	< PQL			
4401783023	RIDB-6-10.0-20170226	2/26/2017	8081A	72-55-9	4,4'-DDE	0.0035	J	0.0034	0.011	mg/kg	J	sp	< PQL			
4401783023	RIDB-6-40.0-20170226	2/26/2017	8081A	319-84-6	alpha-BHC	0.015	J	0.0053	0.018	mg/kg	J	sp	< PQL			
4401783023	RIDB-6-5.0-20170225	2/25/2017	8081A	72-55-9	4,4'-DDE	0.0051	J	0.0034	0.011	mg/kg	J	sp	< PQL			
4401783023	RIDB-6-5.0-20170225	2/25/2017	8081A	50-29-3	4,4'-DDT	0.0067	J	0.0034	0.011	mg/kg	J	sp	< PQL			
4401783023	RIDB-6-5.0-20170225	2/25/2017	8081A	3424-82-6	2,4'-DDE	0.0035	J	0.0034	0.011	mg/kg	J	sp	< PQL			
4401783023	RIDB-6-5.0-20170225-FD	2/25/2017	8081A	3424-82-6	2,4'-DDE	0.0050	J	0.0034	0.011	mg/kg	J	sp	< PQL			
4401783023	RIDB-6-5.0-20170225-FD	2/25/2017	8081A	72-55-9	4,4'-DDE	0.0083	J	0.0034	0.011	mg/kg	J	sp	< PQL			
4401783023	RIDB-6-5.0-20170225-FD	2/25/2017	8081A	50-29-3	4,4'-DDT	0.0095	J	0.0034	0.011	mg/kg	J	sp	< PQL			
4401790221	RIDB-20-1.0-20170307	3/7/2017	8081A	319-85-7	beta-BHC	0.027		0.0016	0.0052	mg/kg	J+	s	Surrogate %R (DCB)	150	45-120	%
4401790221	RIDB-20-1.0-20170307	3/7/2017	8081A	72-54-8	4,4'-DDD	0.016		0.0016	0.0052	mg/kg	J+	s	Surrogate %R (DCB)	150	45-120	%
4401790221	RIDB-4-0.5-20170306	3/6/2017	8081A	50-29-3	4,4'-DDT	0.0024	J	0.0016	0.0054	mg/kg	J	sp	< PQL			
4401790221	RIDB-4-0.5-20170306	3/6/2017	8081A	3424-82-6	2,4'-DDE	0.0036	J	0.0016	0.0054	mg/kg	J	sp	< PQL			
4401790221	RIDB-4-10.0-20170307	3/7/2017	8081A	72-54-8	4,4'-DDD	0.0038	J	0.0018	0.0061	mg/kg	J	sp	< PQL			
4401790221	RIDB-4-10.0-20170307-FD	3/7/2017	8081A	319-85-7	beta-BHC	0.0032	J	0.0020	0.0068	mg/kg	J	sp	< PQL			
4401790221	RIDB-4-10.0-20170307-FD	3/7/2017	8081A	72-54-8	4,4'-DDD	0.0041	J	0.0020	0.0068	mg/kg	J	sp	< PQL			
4401791531	RIDB-1-0.5-20170308	3/8/2017	8081A	3424-82-6	2,4'-DDE	0.0043	J	0.0015	0.0050	mg/kg	J	sp	< PQL			
4401791531	RIDB-1-0.5-20170308	3/8/2017	8081A	72-43-5	Methoxychlor		U	0.0015	0.0050	mg/kg	UJ	c	CCV %D	20.4	20	%
4401791531	RIDB-1-10.0-20170308	3/8/2017	8081A	319-84-6	alpha-BHC		UF1	0.0034	0.011	mg/kg	UJ	m	MS/MSD %R	39,-	40-115	%
4401791531	RIDB-1-10.0-20170308	3/8/2017	8081A	5103-71-9	alpha-Chlordane		UF1	0.0045	0.011	mg/kg	UJ	m	MS/MSD %R	40,49	50-115	%
4401791531	RIDB-1-10.0-20170308	3/8/2017	8081A	72-43-5	Methoxychlor		U	0.0034	0.011	mg/kg	UJ	c	CCV %D	37.2	20	%
4401791531	RIDB-1-10.0-20170308	3/8/2017	8081A	319-86-8	delta-BHC		UF1	0.0034	0.022	mg/kg	UJ	m	MS/MSD %R	41,-	45-120	%
4401791531	RIDB-1-10.0-20170308	3/8/2017	8081A	33213-65-9	Endosulfan II		UF1	0.0034	0.011	mg/kg	UJ	m	MS/MSD %R	36,-	40-125	%
4401791531	RIDB-1-10.0-20170308	3/8/2017	8081A	5103-74-2	gamma-Chlordane		UF1	0.0034	0.011	mg/kg	UJ	m	MS/MSD %R	41,-	50-115	%
4401791531	RIDB-1-10.0-20170308	3/8/2017	8081A	1024-57-3	Heptachlor epoxide		UF1	0.0045	0.011	mg/kg	UJ	m	MS/MSD %R	42,-	45-115	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	50-29-3	4,4'-DDT		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	959-98-8	Endosulfan I		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0024	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	319-85-7	beta-BHC		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	8001-35-2	Toxaphene		U	0.060	0.24	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	58-89-9	gamma-BHC		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	309-00-2	Aldrin		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	72-20-8	Endrin		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	33213-65-9	Endosulfan II		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	3424-82-6	2,4'-DDE		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	72-54-8	4,4'-DDD		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	76-44-8	Heptachlor		U	0.0024	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0024	0.012	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	60-57-1	Dieldrin		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0024	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	319-86-8	delta-BHC		U	0.0018	0.012	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	72-55-9	4,4'-DDE		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	53494-70-5	Endrin ketone		U	0.0024	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	72-43-5	Methoxychlor		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	8081A	319-84-6	alpha-BHC		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401791531	RIDB-1-5.0-20170308	3/8/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0052	mg/kg	UJ	c	CCV %D	20.4	20	%
4401792801	RIDB-17-1.0-20170309	3/9/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0054	mg/kg	UJ	c	CCV %D	20.4	20	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8081A	309-00-2	Aldrin		UF1	0.0043	0.014	mg/kg	UJ	m	MS/MSD %R	39,39	40-115	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8081A	319-84-6	alpha-BHC		UF1	0.0043	0.014	mg/kg	UJ	m	MS/MSD %R	37,37	40-115	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8081A	5103-71-9	alpha-Chlordane		UF1	0.0058	0.014	mg/kg	UJ	m	MS/MSD %R	43,42	50-115	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8081A	319-86-8	delta-BHC		UF1	0.0043	0.029	mg/kg	UJ	m	MS/MSD %R	38,37	45-120	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8081A	33213-65-9	Endosulfan II		UF1	0.0043	0.014	mg/kg	UJ	m	MS/MSD %R	36,34	40-125	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8081A	1031-07-8	Endosulfan sulfate		UF1	0.0058	0.029	mg/kg	UJ	m	MS/MSD %R	-,44	45-120	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8081A	53494-70-5	Endrin ketone		UF1	0.0058	0.014	mg/kg	UJ	m	MS/MSD %R	-,38	40-120	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8081A	5103-74-2	gamma-Chlordane		UF1	0.0043	0.014	mg/kg	UJ	m	MS/MSD %R	43,43	50-115	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8081A	1024-57-3	Heptachlor epoxide		UF1	0.0058	0.014	mg/kg	UJ	m	MS/MSD %R	43,42	45-115	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	8081A	72-43-5	Methoxychlor		UF1	0.0043	0.014	mg/kg	UJ	m	MS/MSD %R	38,37	40-135	%
4401792801	RIDB-17-5.0-20170309	3/9/2017	8081A	72-43-5	Methoxychlor		U	0.0017	0.0056	mg/kg	UJ	c	CCV %D	20.4	20	%
4401792801	RIDB-2-0.5-20170309	3/9/2017	8081A	319-84-6	alpha-BHC		UF1	0.0016	0.0054	mg/kg	UJ	m	MS/MSD %R	38,-	40-115	%
4401792801	RIDB-2-0.5-20170309	3/9/2017	8081A	5103-71-9	alpha-Chlordane		UF1	0.0021	0.0054	mg/kg	UJ	m	MS/MSD %R	46,49	50-115	%
4401792801	RIDB-2-0.5-20170309	3/9/2017	8081A	319-86-8	delta-BHC		UF1	0.0016	0.011	mg/kg	UJ	m	MS/MSD %R	43,-	45-120	%
4401792801	RIDB-2-0.5-20170309	3/9/2017	8081A	5103-74-2	gamma-Chlordane		UF1	0.0016	0.0054	mg/kg	UJ	m	MS/MSD %R	46,49	50-115	%
4401792801	RIDB-2-10.0-20170309	3/9/2017	8081A	72-43-5	Methoxychlor		U	0.0017	0.0057	mg/kg	UJ	c	CCV %D	20.4	20	%
4401792801	RIDB-2-20.0-20170309	3/9/2017	8081A	72-43-5	Methoxychlor		U	0.0021	0.0070	mg/kg	UJ	c	CCV %D	20.4	20	%
4401792801	RIDB-2-20.0-20170309-FD	3/9/2017	8081A	72-43-5	Methoxychlor		U	0.0026	0.0086	mg/kg	UJ	c	CCV %D	20.4	20	%
4401792801	RIDB-2-30.0-20170309	3/9/2017	8081A	72-43-5	Methoxychlor		U	0.0023	0.0076	mg/kg	UJ	c	CCV %D	20.4	20	%
4401792801	RIDB-2-5.0-20170309	3/9/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0054	mg/kg	UJ	c	CCV %D	20.4	20	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	53494-70-5	Endrin ketone		U	0.0021	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	959-98-8	Endosulfan I		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	309-00-2	Aldrin		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	72-55-9	4,4'-DDE		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	60-57-1	Dieldrin		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	8001-35-2	Toxaphene		U	0.052	0.21	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0021	0.010	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	33213-65-9	Endosulfan II		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	3424-82-6	2,4'-DDE		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	319-84-6	alpha-BHC		UF2F1	0.0016	0.0052	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX)	-,32; 34	40-115; 35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	5103-71-9	alpha-Chlordane		UF1	0.0021	0.0052	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX)	48,43; 34	50-115; 35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	76-44-8	Heptachlor		U	0.0021	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	72-20-8	Endrin		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	319-86-8	delta-BHC		UF1	0.0016	0.010	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX)	-,42; 34	45-120; 35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	72-54-8	4,4'-DDD		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	58-89-9	gamma-BHC		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	5103-74-2	gamma-Chlordane		UF1	0.0016	0.0052	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX)	49,43; 34	50-115; 35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	1024-57-3	Heptachlor epoxide		UF1	0.0021	0.0052	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX)	-,43; 34	45-115; 35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	50-29-3	4,4'-DDT		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-0.5-20170310	3/10/2017	8081A	319-85-7	beta-BHC		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX)	34	35-115	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	72-54-8	4,4'-DDD		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0022	0.011	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	309-00-2	Aldrin		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	33213-65-9	Endosulfan II		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	3424-82-6	2,4'-DDE		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	60-57-1	Dieldrin		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	319-84-6	alpha-BHC		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0022	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0022	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	959-98-8	Endosulfan I		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	76-44-8	Heptachlor		U	0.0022	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	8001-35-2	Toxaphene		U	0.054	0.22	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	50-29-3	4,4'-DDT		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	72-20-8	Endrin		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	58-89-9	gamma-BHC		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	72-55-9	4,4'-DDE		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	53494-70-5	Endrin ketone		U	0.0022	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	319-86-8	delta-BHC		U	0.0016	0.011	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-10.0-20170310	3/10/2017	8081A	319-85-7	beta-BHC		U	0.0016	0.0054	mg/kg	UJ	s	Surrogate %R (DCB)	44	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	60-57-1	Dieldrin		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	72-43-5	Methoxychlor		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	319-84-6	alpha-BHC		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	959-98-8	Endosulfan I		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	76-44-8	Heptachlor		U	0.0024	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	72-54-8	4,4'-DDD		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0024	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	3424-82-6	2,4'-DDE		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	33213-65-9	Endosulfan II		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	309-00-2	Aldrin		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	8001-35-2	Toxaphene		U	0.060	0.24	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	72-55-9	4,4'-DDE		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	53494-70-5	Endrin ketone		U	0.0024	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	319-86-8	delta-BHC		U	0.0018	0.012	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	50-29-3	4,4'-DDT		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0024	0.012	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	319-85-7	beta-BHC		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	58-89-9	gamma-BHC		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0024	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401794191	RIDB-3-20.0-20170310	3/10/2017	8081A	72-20-8	Endrin		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	36	45-120	%
4401801011	RIDB-11-1.0-20170320	3/20/2017	8081A	72-54-8	4,4'-DDD	0.0031	J	0.0016	0.0053	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-1.0-20170321	3/21/2017	8081A	319-85-7	beta-BHC	0.0026	J	0.0016	0.0053	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-1.0-20170321	3/21/2017	8081A	72-55-9	4,4'-DDE	0.0041	J	0.0016	0.0053	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-1.0-20170321	3/21/2017	8081A	72-54-8	4,4'-DDD	0.0019	J	0.0016	0.0053	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-1.0-20170321	3/21/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0053	mg/kg	UJ	c	CCV %D	41	20	%
4401803311	RIDB-12-1.0-20170321	3/21/2017	8081A	50-29-3	4,4'-DDT	0.0021	Jp	0.0016	0.0053	mg/kg	J	dc,sp	RPD between 2 columns; < PQL	62.9	40	%
4401803311	RIDB-12-10.0-20170322	3/22/2017	8081A	50-29-3	4,4'-DDT	0.0017	Jp	0.0016	0.0052	mg/kg	J	dc,sp	RPD between 2 columns; < PQL	66	40	%
4401803311	RIDB-12-10.0-20170322	3/22/2017	8081A	72-54-8	4,4'-DDD	0.0036	J	0.0016	0.0052	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401803311	RIDB-12-10.0-20170322	3/22/2017	8081A	3424-82-6	2,4'-DDE	0.0019	J	0.0016	0.0052	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-10.0-20170322	3/22/2017	8081A	319-85-7	beta-BHC	0.0034	J	0.0016	0.0052	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-10.0-20170322	3/22/2017	8081A	72-55-9	4,4'-DDE	0.0045	J	0.0016	0.0052	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-10.0-20170322	3/22/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0052	mg/kg	UJ	c	CCV %D	41	20	%
4401803311	RIDB-12-20.0-20170322	3/22/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0053	mg/kg	UJ	c	CCV %D	41	20	%
4401803311	RIDB-12-30.0-20170322	3/22/2017	8081A	72-43-5	Methoxychlor		U	0.0053	0.018	mg/kg	UJ	c	CCV %D	41	20	%
4401803311	RIDB-12-5.0-20170321	3/21/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0054	mg/kg	UJ	c	CCV %D	41	20	%
4401803311	RIDB-27-10.0-20170321	3/21/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0052	mg/kg	UJ	c	CCV %D	41	20	%
4401803311	RIDB-27-20.0-20170321	3/21/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0053	mg/kg	UJ	c	CCV %D	41	20	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	72-54-8	4,4'-DDD		U	0.0018	0.0061	mg/kg	UJ	m	MS/MSD %R	35,-	40-130	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	319-84-6	alpha-BHC		U	0.0018	0.0061	mg/kg	UJ	m	MS/MSD %R	35,-	40-115	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0024	0.0061	mg/kg	UJ	m	MS/MSD %R	38,43	50-115	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	319-85-7	beta-BHC		U	0.0018	0.0061	mg/kg	UJ	m	MS/MSD %R	36,-	40-120	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	319-86-8	delta-BHC		U	0.0018	0.012	mg/kg	UJ	m	MS/MSD %R	30,33	45-120	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	60-57-1	Dieldrin		U	0.0018	0.0061	mg/kg	UJ	m	MS/MSD %R	38,-	40-125	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	959-98-8	Endosulfan I		U	0.0018	0.0061	mg/kg	UJ	m	MS/MSD %R	32,-	40-120	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	33213-65-9	Endosulfan II		U	0.0018	0.0061	mg/kg	UJ	m	MS/MSD %R	23,33	40-125	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0024	0.012	mg/kg	UJ	m	MS/MSD %R	43,-	45-120	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	72-20-8	Endrin		U	0.0018	0.0061	mg/kg	UJ	m	MS/MSD %R	41,-	45-125	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0018	0.0061	mg/kg	UJ	m	MS/MSD %R	25,-	30-120	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	53494-70-5	Endrin ketone		U	0.0024	0.0061	mg/kg	UJ	m	MS/MSD %R	32,-	40-120	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	58-89-9	gamma-BHC		U	0.0018	0.0061	mg/kg	UJ	m	MS/MSD %R	37,-	40-120	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0018	0.0061	mg/kg	UJ	m	MS/MSD %R	39,44	50-115	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	76-44-8	Heptachlor		U	0.0024	0.0061	mg/kg	UJ	m	MS/MSD %R	39,-	40-115	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0024	0.0061	mg/kg	UJ	m	MS/MSD %R	39,43	45-115	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8081A	72-43-5	Methoxychlor		U	0.0018	0.0061	mg/kg	UJ	c,m	CCV %D; MS/MSD %R	41; 35,-	20; 40-135	%
4401803311	RIDB-27-5.0-20170321	3/21/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0053	mg/kg	UJ	c	CCV %D	41	20	%
4401804391	RIDB-25-1.0-20170323	3/23/2017	8081A	309-00-2	Aldrin	0.013	p	0.0015	0.0051	mg/kg	J+	s	Surrogate %R (TCMX, DCB)	279, 4087	35-115,45-120	%
4401804391	RIDB-25-1.0-20170323	3/23/2017	8081A	72-55-9	4,4'-DDE	0.017		0.0015	0.0051	mg/kg	J+	s	Surrogate %R (TCMX, DCB)	279, 4087	35-115,45-120	%
4401804391	RIDB-25-1.0-20170323	3/23/2017	8081A	3424-82-6	2,4'-DDE	0.053		0.0015	0.0051	mg/kg	J+	s	Surrogate %R (TCMX, DCB)	279, 4087	35-115,45-120	%
4401804391	RIDB-28-1.0-20170322	3/22/2017	8081A	319-85-7	beta-BHC	0.0040	J	0.0016	0.0053	mg/kg	J	sp	< PQL			
4401804391	RIDB-28-1.0-20170322	3/22/2017	8081A	33213-65-9	Endosulfan II		UF1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	37,39	40-125	%
4401804391	RIDB-28-10.0-20170323	3/23/2017	8081A	319-85-7	beta-BHC	0.0029	J	0.0016	0.0054	mg/kg	J	sp	< PQL			
4401804391	RIDB-28-10.0-20170323-FD	3/23/2017	8081A	72-55-9	4,4'-DDE	0.0019	J	0.0016	0.0053	mg/kg	J	sp	< PQL			
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	72-54-8	4,4'-DDD		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	31,35; 34,32	40-130; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	72-55-9	4,4'-DDE		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	31,34; 34,32	35-130; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	309-00-2	Aldrin		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	30,33; 34,32	40-115; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	319-84-6	alpha-BHC		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	28,32; 34,32	40-115; 35-115,45-120	%
4401805931	RIDB-26-10.0-20170324	3/24/2017	8081A	5103-71-9	alpha-Chlordane		UF1	0.0022	0.0056	mg/kg	UJ	m	MS/MSD %R	45,-	50-115	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	5103-71-9	alpha-Chlordane		UF1	0.0063	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	31,34; 34,32	50-115; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	319-85-7	beta-BHC		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	32,36; 34,32	40-120; 35-115,45-120	%
4401805931	RIDB-26-10.0-20170324	3/24/2017	8081A	319-86-8	delta-BHC		UF1	0.0017	0.011	mg/kg	UJ	m	MS/MSD %R	41,-	45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	319-86-8	delta-BHC		UF1	0.0047	0.031	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	29,33; 34,32	45-120; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	60-57-1	Dieldrin		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	32,35; 34,32	40-125; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	959-98-8	Endosulfan I		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	30,33; 34,32	40-120; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	3424-82-6	2,4'-DDE		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	34,32	35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	33213-65-9	Endosulfan II		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	22,24; 34,32	40-125; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	1031-07-8	Endosulfan sulfate		UF1	0.0063	0.031	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	33,37; 34,32	45-120; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	50-29-3	4,4'-DDT		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	34,32	35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	72-20-8	Endrin		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	34,37; 34,32	45-125; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	7421-93-4	Endrin aldehyde		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	25,27; 34,32	30-120; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	53494-70-5	Endrin ketone		UF1	0.0063	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	30,35; 34,32	40-120; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	58-89-9	gamma-BHC		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	32,36; 34,32	40-120; 35-115,45-120	%
4401805931	RIDB-26-10.0-20170324	3/24/2017	8081A	5103-74-2	gamma-Chlordane		UF1	0.0017	0.0056	mg/kg	UJ	m	MS/MSD %R	46,-	50-115	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	5103-74-2	gamma-Chlordane		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	32,35; 34,32	50-115; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	76-44-8	Heptachlor		UF1	0.0063	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	32,36; 34,32	40-115; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	8001-35-2	Toxaphene		U	0.16	0.63	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	34,32	35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	1024-57-3	Heptachlor epoxide		UF1	0.0063	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	32,36; 34,32	45-115; 35-115,45-120	%
4401805931	RIDB-26-30.0-20170324	3/24/2017	8081A	72-43-5	Methoxychlor		UF1	0.0047	0.016	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	33,-; 34,32	40-135; 35-115,45-120	%
4401808191	RIDB-21-1.0-20170328	3/28/2017	8081A	3424-82-6	2,4'-DDE	0.0035	J	0.0015	0.0050	mg/kg	J+	s,sp	Surrogate %R (DCB); < PQL	149	45-120	%
4401808191	RIDB-21-1.0-20170328	3/28/2017	8081A	72-55-9	4,4'-DDE	0.0059		0.0015	0.0050	mg/kg	J+	s	Surrogate %R (DCB)	149	45-120	%
4401808191	RIDB-21-1.0-20170328	3/28/2017	8081A	50-29-3	4,4'-DDT	0.0023	J	0.0015	0.0050	mg/kg	J	dc,s,sp	RPD between 2 columns; Surrogate %R (DCB); < PQL	52.88; 149	40; 45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0021	0.010	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	72-54-8	4,4'-DDD		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	33213-65-9	Endosulfan II		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	76-44-8	Heptachlor		U	0.0021	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0021	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	3424-82-6	2,4'-DDE		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	309-00-2	Aldrin		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	60-57-1	Dieldrin		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	50-29-3	4,4'-DDT		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	319-85-7	beta-BHC		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0021	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	72-20-8	Endrin		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	58-89-9	gamma-BHC		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	8001-35-2	Toxaphene		U	0.052	0.21	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	72-55-9	4,4'-DDE		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	53494-70-5	Endrin ketone		U	0.0021	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	319-86-8	delta-BHC		U	0.0016	0.010	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	319-84-6	alpha-BHC		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	959-98-8	Endosulfan I		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-10.0-20170403	4/3/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0016	0.0052	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,34	35-115,45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	3424-82-6	2,4'-DDE		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	959-98-8	Endosulfan I		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	72-43-5	Methoxychlor		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	76-44-8	Heptachlor		U	0.0063	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	319-85-7	beta-BHC		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0063	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	72-54-8	4,4'-DDD		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0063	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	58-89-9	gamma-BHC		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	50-29-3	4,4'-DDT		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	72-20-8	Endrin		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	33213-65-9	Endosulfan II		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	309-00-2	Aldrin		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0063	0.031	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	60-57-1	Dieldrin		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	8001-35-2	Toxaphene		U	0.16	0.63	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	319-86-8	delta-BHC		U	0.0047	0.031	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	53494-70-5	Endrin ketone		U	0.0063	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	72-55-9	4,4'-DDE		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-20.0-20170403	4/3/2017	8081A	319-84-6	alpha-BHC		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (DCB)	40	45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	76-44-8	Heptachlor		U	0.0020	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	72-55-9	4,4'-DDE		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	60-57-1	Dieldrin		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0020	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	72-54-8	4,4'-DDD		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0020	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	3424-82-6	2,4'-DDE		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	33213-65-9	Endosulfan II		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	309-00-2	Aldrin		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0020	0.010	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	50-29-3	4,4'-DDT		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	319-86-8	delta-BHC		U	0.0015	0.010	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	319-85-7	beta-BHC		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	53494-70-5	Endrin ketone		U	0.0020	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	72-20-8	Endrin		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	58-89-9	gamma-BHC		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	959-98-8	Endosulfan I		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	319-84-6	alpha-BHC		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	8001-35-2	Toxaphene		U	0.051	0.20	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	72-43-5	Methoxychlor		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401812001	RIDB-23-5.0-20170403	4/3/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0015	0.0051	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,40	35-115,45-120	%
4401814201	RI-5-5.0-20170404	4/4/2017	8081A	72-55-9	4,4'-DDE	0.0030	J	0.0016	0.0054	mg/kg	J	sp	< PQL			
4401814201	RI-5-5.0-20170404	4/4/2017	8081A	50-29-3	4,4'-DDT	0.0071		0.0016	0.0054	mg/kg	J	dc	RPD between 2 columns	55.55	40	%
4401817161	RI-7-5.0-20170408	4/8/2017	8081A	72-55-9	4,4'-DDE	0.0043	J	0.0016	0.0053	mg/kg	J	sp	< PQL			
4401817161	RI-7-5.0-20170408	4/8/2017	8081A	3424-82-6	2,4'-DDE	0.0016	J	0.0016	0.0053	mg/kg	J	sp	< PQL			
4401817221	RI-9-10.0-20170408	4/8/2017	8081A	72-55-9	4,4'-DDE	0.0017	J	0.0016	0.0054	mg/kg	J	sp	< PQL			
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	72-54-8	4,4'-DDD		UF2F1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	39,23	40-130	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	72-55-9	4,4'-DDE		UF2F1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	-,28	35-130	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	50-29-3	4,4'-DDT		UF2F1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	-,22	35-130	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	309-00-2	Aldrin		UF1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	-,34	40-115	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	319-84-6	alpha-BHC		UF1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	-,32	40-115	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	5103-71-9	alpha-Chlordane		UF1	0.0034	0.0086	mg/kg	UJ	m	MS/MSD %R	44,34	50-115	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	319-85-7	beta-BHC		UF2F1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	-,28	40-120	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	319-86-8	delta-BHC		UF2F1	0.0026	0.017	mg/kg	UJ	m	MS/MSD %R	31,21	45-120	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	60-57-1	Dieldrin		UF2F1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	-,31	40-125	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	959-98-8	Endosulfan I		UF2F1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	-,28	40-120	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	33213-65-9	Endosulfan II		UF2F1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	32,20	40-125	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	1031-07-8	Endosulfan sulfate		UF2F1	0.0034	0.017	mg/kg	UJ	m	MS/MSD %R	-,38	45-120	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	72-20-8	Endrin		UF2F1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	-,32	45-125	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	7421-93-4	Endrin aldehyde		UF2F1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	-,19	30-120	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	53494-70-5	Endrin ketone		UF2F1	0.0034	0.0086	mg/kg	UJ	m	MS/MSD %R	39,23	40-120	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	58-89-9	gamma-BHC		UF1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	,32	40-120	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	5103-74-2	gamma-Chlordane		UF1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	44,33	50-115	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	76-44-8	Heptachlor		UF2F1	0.0034	0.0086	mg/kg	UJ	m	MS/MSD %R	39,27	40-115	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	1024-57-3	Heptachlor epoxide		UF1	0.0034	0.0086	mg/kg	UJ	m	MS/MSD %R	-,34	45-115	%
4401817491	RI-10-20.0-20170410	4/10/2017	8081A	72-43-5	Methoxychlor		UF2F1	0.0026	0.0086	mg/kg	UJ	m	MS/MSD %R	,-20	40-135	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0063	0.031	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	72-43-5	Methoxychlor		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	319-84-6	alpha-BHC		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	959-98-8	Endosulfan I		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	76-44-8	Heptachlor		U	0.0063	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	72-54-8	4,4'-DDD		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0063	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	3424-82-6	2,4'-DDE		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	309-00-2	Aldrin		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	8001-35-2	Toxaphene		U	0.16	0.63	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	60-57-1	Dieldrin		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	72-55-9	4,4'-DDE		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	53494-70-5	Endrin ketone		U	0.0063	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	319-86-8	delta-BHC		U	0.0047	0.031	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0063	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	319-85-7	beta-BHC		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	50-29-3	4,4'-DDT		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	33213-65-9	Endosulfan II		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	72-20-8	Endrin		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401817491	RI-10-30.0-20170410	4/10/2017	8081A	58-89-9	gamma-BHC		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	31,36	35-115,45-120	%
4401824941	RI-24-1.0-20170418	4/18/2017	8081A	5103-71-9	alpha-Chlordane		UF1	0.0021	0.0052	mg/kg	UJ	m	MS/MSD %R	45,-	50-115	%
4401824941	RI-24-1.0-20170418	4/18/2017	8081A	319-86-8	delta-BHC		UF1F2	0.0016	0.010	mg/kg	UJ	m	MS/MSD %R	44,-	45-120	%
4401824941	RI-24-1.0-20170418	4/18/2017	8081A	5103-74-2	gamma-Chlordane		UF1F2	0.0016	0.0052	mg/kg	UJ	m	MS/MSD %R	45,-	50-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	72-20-8	Endrin		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	60-57-1	Dieldrin		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	72-43-5	Methoxychlor		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	959-98-8	Endosulfan I		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	319-86-8	delta-BHC		U	0.0015	0.010	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	76-44-8	Heptachlor		U	0.0020	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0020	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	8001-35-2	Toxaphene		U	0.050	0.20	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0020	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0020	0.010	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	319-84-6	alpha-BHC		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	72-55-9	4,4'-DDE		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	319-85-7	beta-BHC		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	72-54-8	4,4'-DDD		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	3424-82-6	2,4'-DDE		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	50-29-3	4,4'-DDT		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	53494-70-5	Endrin ketone		U	0.0020	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	309-00-2	Aldrin		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	58-89-9	gamma-BHC		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-1.0-20170417	4/17/2017	8081A	33213-65-9	Endosulfan II		U	0.0015	0.0050	mg/kg	UJ	s	Surrogate %R (TCMX)	29	35-115	%
4401824981	RI-25-5.0-20170417	4/17/2017	8081A	3424-82-6	2,4'-DDE	0.017	Jp	0.0079	0.026	mg/kg	J	sp	< PQL			
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	319-84-6	alpha-BHC		U	0.0016	0.0055	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	-,35; 29,34	40-115; 35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0022	0.0055	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	-,40; 29,34	50-115; 35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	319-86-8	delta-BHC		U	0.0016	0.011	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	35,26; 29,34	45-120; 35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	60-57-1	Dieldrin		U	0.0016	0.0055	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	29,34	35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	3424-82-6	2,4'-DDE		U	0.0016	0.0055	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	29,34	35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	959-98-8	Endosulfan I		U	0.0016	0.0055	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	37,30; 29,34	40-120; 35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	309-00-2	Aldrin		U	0.0016	0.0055	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	29,34	35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	33213-65-9	Endosulfan II		U	0.0016	0.0055	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	33,25; 29,34	40-125; 35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	72-55-9	4,4'-DDE		U	0.0016	0.0055	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	29,34	35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0022	0.011	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	-,44; 29,34	45-120; 35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	72-20-8	Endrin		U	0.0016	0.0055	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	-,38; 29,34	45-125; 35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	8001-35-2	Toxaphene		U	0.055	0.22	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	29,34	35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	319-85-7	beta-BHC		U	0.0016	0.0055	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	29,34	35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	50-29-3	4,4'-DDT		U	0.0016	0.0055	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	29,34	35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0016	0.0055	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	-,27; 29,34	30-120; 35-115,45-120	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	72-54-8	4,4'-DDD		U	0.0016	0.0055	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	29,34	35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	53494-70-5	Endrin ketone		U	0.0022	0.0055	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	-,39; 29,34	40-120; 35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	58-89-9	gamma-BHC		U	0.0016	0.0055	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	-,36; 29,34	40-120; 35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0016	0.0055	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	-,39; 29,34	50-115; 35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	76-44-8	Heptachlor		U	0.0022	0.0055	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	-,33; 29,34	40-115; 35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0022	0.0055	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	-,40; 29,34	45-115; 35-115,45-120	%
4401828041	RI-21-10.0-20170422	4/22/2017	8081A	72-43-5	Methoxychlor		U	0.0016	0.0055	mg/kg	UJ	m,s	MS/MSD %R; Surrogate %R (TCMX, DCB)	-,37; 29,34	40-135; 35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	319-85-7	beta-BHC		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	33213-65-9	Endosulfan II		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	3424-82-6	2,4'-DDE		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0062	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	72-54-8	4,4'-DDD		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	76-44-8	Heptachlor		U	0.0062	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	959-98-8	Endosulfan I		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	319-84-6	alpha-BHC		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	319-86-8	delta-BHC		U	0.0047	0.031	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	53494-70-5	Endrin ketone		U	0.0062	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	72-55-9	4,4'-DDE		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	309-00-2	Aldrin		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	60-57-1	Dieldrin		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	58-89-9	gamma-BHC		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	72-43-5	Methoxychlor		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0062	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	8001-35-2	Toxaphene		U	0.16	0.62	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	50-29-3	4,4'-DDT		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0062	0.031	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-30.0-20170422	4/22/2017	8081A	72-20-8	Endrin		U	0.0047	0.016	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	32,38	35-115,45-120	%
4401828041	RI-21-5.0-20170422	4/22/2017	8081A	50-29-3	4,4'-DDT	0.0043	J	0.0016	0.0053	mg/kg	J	sp	< PQL			
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	58-89-9	gamma-BHC		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	72-55-9	4,4'-DDE		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	60-57-1	Dieldrin		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0057	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	8001-35-2	Toxaphene		U	0.14	0.57	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	319-85-7	beta-BHC		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	3424-82-6	2,4'-DDE		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0057	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	33213-65-9	Endosulfan II		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	309-00-2	Aldrin		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	53494-70-5	Endrin ketone		U	0.0057	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	72-43-5	Methoxychlor		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	319-84-6	alpha-BHC		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	959-98-8	Endosulfan I		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	76-44-8	Heptachlor		U	0.0057	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	319-86-8	delta-BHC		U	0.0042	0.028	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0057	0.028	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	50-29-3	4,4'-DDT		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	72-54-8	4,4'-DDD		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828291	RI-8-30.0-20170422	4/22/2017	8081A	72-20-8	Endrin		U	0.0042	0.014	mg/kg	UJ	s	Surrogate %R (TCMX, DCB)	28,36	35-115,45-120	%
4401828861	RI-1-20.0-20170424	4/24/2017	8081A	3424-82-6	2,4'-DDE	0.0019	J	0.0016	0.0053	mg/kg	J	sp	< PQL			
4401828861	RI-1-20.0-20170424	4/24/2017	8081A	72-55-9	4,4'-DDE	0.0020	J	0.0016	0.0053	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401834241	RI-13-20.0-20170502	5/2/2017	8081A	3424-82-6	2,4'-DDE	0.0021	J	0.0017	0.0057	mg/kg	J	sp	< PQL			
4401834241	RI-13-5.0-20170502	5/2/2017	8081A	5103-71-9	alpha-Chlordane		UF1	0.0022	0.0054	mg/kg	UJ	m	MS/MSD %R	47,42	50-115	%
4401834241	RI-13-5.0-20170502	5/2/2017	8081A	319-86-8	delta-BHC		UF1	0.0016	0.011	mg/kg	UJ	m	MS/MSD %R	-,44	45-120	%
4401834241	RI-13-5.0-20170502	5/2/2017	8081A	5103-74-2	gamma-Chlordane		UF1	0.0016	0.0054	mg/kg	UJ	m	MS/MSD %R	47,42	50-115	%
4401837021	RI-22-1.0-20170504	5/4/2017	8081A	50-29-3	4,4'-DDT	0.0017	J	0.0016	0.0052	mg/kg	J	sp	< PQL			
4401848581	RI-6-10.0-20170518	5/18/2017	8081A	319-85-7	beta-BHC	0.0039	J	0.0018	0.0060	mg/kg	J	sp	< PQL			
4401848581	RI-6-5.0-20170518	5/18/2017	8081A	7421-93-4	Endrin aldehyde		UF1F2	0.0040	0.013	mg/kg	UJ	m	MS/MSD %R	24,-	30-120	%
4401848581	RI-6-5.0-20170518	5/18/2017	8081A	319-85-7	beta-BHC	0.0086	J	0.0040	0.013	mg/kg	J	sp	< PQL			
4401848581	RI-6-5.0-20170518	5/18/2017	8081A	50-29-3	4,4'-DDT	0.0042	J	0.0040	0.013	mg/kg	J	sp	< PQL			
4401848581	RI-6-5.0-20170518	5/18/2017	8081A	5103-74-2	gamma-Chlordane		UF1	0.0040	0.013	mg/kg	UJ	m	MS/MSD %R	49,-	50-115	%
4401848581	RIDB-29-1.0-20170519	5/19/2017	8081A	72-54-8	4,4'-DDD	0.0048	J	0.0016	0.0053	mg/kg	J	sp	< PQL			
4401848581	RIDB-29-10.0-20170519	5/19/2017	8081A	319-85-7	beta-BHC	0.0033	J	0.0017	0.0056	mg/kg	J	sp	< PQL			
4401865171	RI-28-1.0-20170614	6/14/2017	8081A	5103-71-9	alpha-Chlordane		UF1	0.0021	0.0054	mg/kg	UJ	m	MS/MSD %R	-,49	50-115	%
4401865171	RI-28-1.0-20170614	6/14/2017	8081A	33213-65-9	Endosulfan II		UF1	0.0016	0.0054	mg/kg	UJ	m	MS/MSD %R	37,38	40-125	%
4401865171	RI-28-1.0-20170614	6/14/2017	8081A	72-20-8	Endrin		UF1	0.0016	0.0054	mg/kg	UJ	m	MS/MSD %R	43,42	45-125	%
4401865171	RI-28-1.0-20170614	6/14/2017	8081A	72-55-9	4,4'-DDE	0.0029	J	0.0016	0.0054	mg/kg	J+	s,sp	Surrogate %R (DCB); < PQL	413	45-120	%
4401865171	RI-28-1.0-20170614	6/14/2017	8081A	5103-74-2	gamma-Chlordane		UF1	0.0016	0.0054	mg/kg	UJ	m	MS/MSD %R	42,40	50-115	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	72-54-8	4,4'-DDD		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	5103-71-9	alpha-Chlordane		U	0.0024	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	3424-82-6	2,4'-DDE		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	76-44-8	Heptachlor		U	0.0024	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	959-98-8	Endosulfan I		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	72-55-9	4,4'-DDE		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	5103-74-2	gamma-Chlordane		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	60-57-1	Dieldrin		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	8001-35-2	Toxaphene		U	0.060	0.24	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	1031-07-8	Endosulfan sulfate		U	0.0024	0.012	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	33213-65-9	Endosulfan II		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	53494-70-5	Endrin ketone		U	0.0024	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	319-86-8	delta-BHC		U	0.0018	0.012	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	72-43-5	Methoxychlor		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	7421-93-4	Endrin aldehyde		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	58-89-9	gamma-BHC		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	72-20-8	Endrin		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	1024-57-3	Heptachlor epoxide		U	0.0024	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	319-85-7	beta-BHC		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	309-00-2	Aldrin		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	50-29-3	4,4'-DDT		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8081A	319-84-6	alpha-BHC		U	0.0018	0.0060	mg/kg	UJ	s	Surrogate %R (DCB)	39	45-120	%
4401866341	RI-11-20.0-20170615	6/15/2017	8081A	319-85-7	beta-BHC	0.0020	J	0.0016	0.0054	mg/kg	J	sp	< PQL			
4401866341	RI-11-5.0-20170615	6/15/2017	8081A	319-85-7	beta-BHC	0.0017	J	0.0016	0.0054	mg/kg	J	sp	< PQL			
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	72-54-8	4,4'-DDD		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,35	40-130	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	72-55-9	4,4'-DDE		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,34	35-130	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	309-00-2	Aldrin		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,32	40-115	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	319-84-6	alpha-BHC		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,31	40-115	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	5103-71-9	alpha-Chlordane		UF2F1	0.0021	0.0053	mg/kg	UJ	m	MS/MSD %R	-,34	50-115	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	319-85-7	beta-BHC		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,32	40-120	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	319-86-8	delta-BHC		UF2F1	0.0016	0.011	mg/kg	UJ	m	MS/MSD %R	-,32	45-120	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	60-57-1	Dieldrin		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,35	40-125	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	959-98-8	Endosulfan I		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,35	40-120	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	33213-65-9	Endosulfan II		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,34	40-125	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	1031-07-8	Endosulfan sulfate		UF2F1	0.0021	0.011	mg/kg	UJ	m	MS/MSD %R	-,34	45-120	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	72-20-8	Endrin		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,35	45-125	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	7421-93-4	Endrin aldehyde		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,29	30-120	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	53494-70-5	Endrin ketone		UF2F1	0.0021	0.0053	mg/kg	UJ	m	MS/MSD %R	-,35	40-120	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	58-89-9	gamma-BHC		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,31	40-120	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	5103-74-2	gamma-Chlordane		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,34	50-115	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	76-44-8	Heptachlor		UF2F1	0.0021	0.0053	mg/kg	UJ	m	MS/MSD %R	-,33	40-115	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	1024-57-3	Heptachlor epoxide		UF2F1	0.0021	0.0053	mg/kg	UJ	m	MS/MSD %R	-,34	45-115	%
4401875891	RI-4-5.0-20170630	6/30/2017	8081A	72-43-5	Methoxychlor		UF2F1	0.0016	0.0053	mg/kg	UJ	m	MS/MSD %R	-,37	40-135	%
4401780271	RIDB-14-5.0-20170223	2/23/2017	8082	11096-82-5	Aroclor-1260		UF1	0.019	0.055	mg/kg	UJ	m	MS/MSD %R	-,46	50-125	%
4401794561	RI-16-20.0-20170312	3/12/2017	8082	11096-82-5	Aroclor-1260		U	0.037	0.11	mg/kg	UJ	s	Surrogate %R (DCB)	43	45-120	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	8082	11096-82-5	Aroclor-1260		UF1	0.020	0.060	mg/kg	UJ	m	MS/MSD %R	45,47	50-125	%
4401837021	RI-22-1.0-20170504	5/4/2017	8082	11096-82-5	Aroclor-1260	0.030	J	0.018	0.052	mg/kg	J	sp	< PQL			
4401848581	RI-27-1.0-20170519	5/19/2017	8082	11096-82-5	Aroclor-1260	0.083	J	0.037	0.11	mg/kg	J	sp	< PQL			
4401848581	RI-6-5.0-20170518	5/18/2017	8082	11096-82-5	Aroclor-1260	0.047	J	0.046	0.13	mg/kg	J	sp	< PQL			
4401865171	RI-28-1.0-20170614	6/14/2017	8082	11096-82-5	Aroclor-1260	0.059		0.018	0.054	mg/kg	J+	s	Surrogate %R (DCB)	137	45-120	%
4401865171	RI-28-30.0-20170614	6/14/2017	8082	11096-82-5	Aroclor-1260		UF1F2	0.020	0.060	mg/kg	UJ	m	MS/MSD %R	44,-	50-125	%
320261041	M-5D-52.0-20170222	2/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	8.3	JB	0.38	90	pg/g	J	sp	< PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	55684-94-1	HxCDF (total)	14	Jq	0.91	90	pg/g	J	k,sp	EMPC; < PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	39001-02-0	Octachlorodibenzofuran	32	JB	1.5	180	pg/g	J	sp	< PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.9	JB	0.46	90	pg/g	J	sp	< PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.5	JqB	0.71	90	pg/g	J	k,sp	EMPC; < PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	3.6	J	0.94	90	pg/g	J	sp	< PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	3.9	J	0.92	90	pg/g	J	sp	< PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	30402-15-4	PeCDF (total)	2.2	J	0.77	90	pg/g	J	sp	< PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.0	J	0.64	90	pg/g	J	sp	< PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	38998-75-3	HpCDF (total)	17	JB	0.42	90	pg/g	J	sp	< PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.9	J	0.55	90	pg/g	J	sp	< PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.0	Jq	0.62	90	pg/g	J	k,sp	EMPC; < PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.2	J	0.76	90	pg/g	J	sp	< PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	37871-00-4	HpCDD (total)	9.2	JqB	0.71	90	pg/g	J	k,sp	EMPC; < PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.1	Jq	0.90	90	pg/g	J	k,sp	EMPC; < PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	28	JB	0.77	180	pg/g	J	sp	< PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	34465-46-8	HxCDD (total)	6.9	Jq	0.60	90	pg/g	J	k,sp	EMPC; < PQL			
320261041	M-5D-52.0-20170222	2/22/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.4	J	0.87	90	pg/g	J	sp	< PQL			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	36088-22-9	PeCDD (total)	53	J	1.0	55	pg/g	J	sp	< PQL			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	36	J	3.4	55	pg/g	J	sp	< PQL			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	6.1	J	1.0	55	pg/g	J	sp	< PQL			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.68	J	0.57	11	pg/g	J	sp	< PQL			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	30402-15-4	PeCDF (total)	610	q	3.4	55	pg/g	J	k	EMPC			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	11	J	0.37	55	pg/g	J	sp	< PQL			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	41903-57-5	TCDD (total)	32	q	0.57	11	pg/g	J	k	EMPC			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	43	JB	0.58	55	pg/g	J	sp	< PQL			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	26	J	6.2	55	pg/g	J	sp	< PQL			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	55684-94-1	HxCDF (total)	890	q	6.3	55	pg/g	J	k	EMPC			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	4.6	Jq	0.39	55	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	17	J	6.5	55	pg/g	J	sp	< PQL			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	54	JB	0.39	110	pg/g	J	sp	< PQL			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	34465-46-8	HxCDD (total)	69	q	0.36	55	pg/g	J	k	EMPC			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	10	J	0.33	55	pg/g	J	sp	< PQL			
320261041	RIDB-10-1.0-20170223	2/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	380	q	1.7	11	pg/g	J	k	EMPC			
320261041	RIDB-10-10.0-20170224	2/24/2017	8290	39001-02-0	Octachlorodibenzofuran	14	JB	0.87	120	pg/g	J	sp	< PQL			
320261041	RIDB-10-10.0-20170224	2/24/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.7	JqB	0.53	59	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-10.0-20170224	2/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4.5	JqB	1.0	59	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-10.0-20170224	2/24/2017	8290	37871-00-4	HpCDD (total)	3.0	JqB	0.32	59	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.677	3.385	pg/g
320261041	RIDB-10-10.0-20170224	2/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	3.1	Jq	0.40	12	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-10.0-20170224	2/24/2017	8290	38998-75-3	HpCDF (total)	4.5	JqB	1.2	59	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
320261041	RIDB-10-10.0-20170224	2/24/2017	8290	30402-15-4	PeCDF (total)	2.1	JB	0.60	59	pg/g	J	sp	< PQL			
320261041	RIDB-10-10.0-20170224	2/24/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	1.0	Jq	0.40	12	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-10.0-20170224	2/24/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.5	JqB	0.49	59	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-10.0-20170224	2/24/2017	8290	55684-94-1	HxCDF (total)	5.1	JqB	0.53	59	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-10.0-20170224	2/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.7	JqB	0.32	59	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.406	2.03	pg/g
320261041	RIDB-10-10.0-20170224	2/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	3.5	JqB	0.68	120	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	1.46	7.3	pg/g
320261041	RIDB-10-10.0-20170224-EB	2/24/2017	8290	39001-02-0	Octachlorodibenzofuran	7.7	JB	1.0	97	pg/l	J	bl,sp	MB contamination; < PQL	2.30	11.5	pg/l
320261041	RIDB-10-10.0-20170224-EB	2/24/2017	8290	55684-94-1	HxCDF (total)	0.90	Jq	0.76	48	pg/l	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-10.0-20170224-EB	2/24/2017	8290	38998-75-3	HpCDF (total)	2.9	JqB	0.34	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	0.620	3.1	pg/l
320261041	RIDB-10-10.0-20170224-EB	2/24/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.71	Jq	0.61	48	pg/l	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-10.0-20170224-EB	2/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.3	Jq	0.61	48	pg/l	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-10.0-20170224-EB	2/24/2017	8290	37871-00-4	HpCDD (total)	2.3	Jq	0.61	48	pg/l	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-10.0-20170224-EB	2/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	14	JB	0.50	97	pg/l	J	bl,sp	MB contamination; < PQL	6.88	34.4	pg/l
320261041	RIDB-10-10.0-20170224-EB	2/24/2017	8290	34465-46-8	HxCDD (total)	1.6	JqB	0.57	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	4.32	21.6	pg/l
320261041	RIDB-10-10.0-20170224-EB	2/24/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.90	Jq	0.75	48	pg/l	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-10.0-20170224-EB	2/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.91	Jq	0.59	48	pg/l	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-10.0-20170224-EB	2/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.1	JqB	0.31	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	0.620	3.1	pg/l
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	30402-15-4	PeCDF (total)	1000	qB	5.8	51	pg/g	J	k	EMPC			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	14	JB	0.68	51	pg/g	J	sp	< PQL			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	2.6	Jq	1.1	10	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	35	JB	9.5	51	pg/g	J	sp	< PQL			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	14	JB	0.63	51	pg/g	J	sp	< PQL			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	7.8	JB	0.77	51	pg/g	J	sp	< PQL			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	55684-94-1	HxCDF (total)	1200	qB	9.6	51	pg/g	J	k	EMPC			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	17	JB	10	51	pg/g	J	sp	< PQL			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1000	q	5.2	10	pg/g	J	k	EMPC			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	46	JB	0.98	51	pg/g	J	sp	< PQL			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	9.0	J	1.9	51	pg/g	J	sp	< PQL			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	52	JB	1.3	100	pg/g	J	sp	< PQL			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	36088-22-9	PeCDD (total)	90	q	1.9	51	pg/g	J	k	EMPC			
320261041	RIDB-10-20.0-20170224	2/24/2017	8290	41903-57-5	TCDD (total)	100	q	1.1	10	pg/g	J	k	EMPC			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	38998-75-3	HpCDF (total)	7.9	JB	1.3	72	pg/g	J	sp	< PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	37871-00-4	HpCDD (total)	5.0	JqB	0.90	72	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	36088-22-9	PeCDD (total)	3.7	Jq	0.64	72	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	1.5	J	0.45	14	pg/g	J	sp	< PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	32	JqB	1.6	140	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.1	JqB	0.51	72	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	39001-02-0	Octachlorodibenzofuran	11	JB	1.3	140	pg/g	J	sp	< PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	30402-15-4	PeCDF (total)	1.9	JqB	0.53	72	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.9	JB	0.60	72	pg/g	J	sp	< PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.5	JB	0.55	72	pg/g	J	sp	< PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	55684-94-1	HxCDF (total)	5.8	JqB	0.55	72	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.5	J	0.45	14	pg/g	J	sp	< PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4.7	JB	1.1	72	pg/g	J	sp	< PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.4	JqB	0.55	72	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.0	JqB	0.90	72	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-30.0-20170224	2/24/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.75	JqB	0.52	72	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	36088-22-9	PeCDD (total)	10	Jq	0.62	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	30402-15-4	PeCDF (total)	140	q	0.82	53	pg/g	J	k	EMPC			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	31	J	1.3	53	pg/g	J	sp	< PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.2	J	0.23	53	pg/g	J	sp	< PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	41	JB	0.91	53	pg/g	J	sp	< PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	9.7	J	2.6	11	pg/g	J	sp	< PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	20	JB	0.34	110	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	37871-00-4	HpCDD (total)	19	JB	0.36	53	pg/g	J	sp	< PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	6.7	J	1.4	53	pg/g	J	sp	< PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	11	JB	0.36	53	pg/g	J	sp	< PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	41903-57-5	TCDD (total)	4.1	Jq	0.42	11	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	34465-46-8	HxCDD (total)	19	Jq	0.25	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	9.3	J	0.82	53	pg/g	J	sp	< PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.0	J	0.26	53	pg/g	J	sp	< PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	55684-94-1	HxCDF (total)	220	q	1.4	53	pg/g	J	k	EMPC			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	49	J	1.4	53	pg/g	J	sp	< PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	18	J	0.81	53	pg/g	J	sp	< PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.2	J	0.27	53	pg/g	J	sp	< PQL			
320261041	RIDB-10-5.0-20170223	2/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	3.9	J	1.4	53	pg/g	J	sp	< PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	34465-46-8	HxCDD (total)	2.7	Jq	0.19	47	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	36088-22-9	PeCDD (total)	1.5	Jq	0.39	47	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	38998-75-3	HpCDF (total)	42	JB	0.26	47	pg/g	J	sp	< PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	10	J	0.59	47	pg/g	J	sp	< PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	30402-15-4	PeCDF (total)	26	Jq	0.30	47	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	55684-94-1	HxCDF (total)	39	Jq	0.58	47	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.7	JqB	0.24	47	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	17	q	0.23	9.4	pg/g	J	k	EMPC			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.95	J	0.60	47	pg/g	J	sp	< PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	23	JB	0.23	47	pg/g	J	sp	< PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.52	Jq	0.17	47	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	37871-00-4	HpCDD (total)	5.0	JqB	0.24	47	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	39001-02-0	Octachlorodibenzofuran	51	JB	0.46	94	pg/g	J	sp	< PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.9	JB	0.28	47	pg/g	J	sp	< PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	3.2	J	0.30	47	pg/g	J	sp	< PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	5.8	J	0.56	47	pg/g	J	sp	< PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	11	JB	0.24	94	pg/g	J	sp	< PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.54	J	0.20	47	pg/g	J	sp	< PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.5	J	0.58	47	pg/g	J	sp	< PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.8	Jq	0.31	47	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-1.0-20170224	2/24/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	4.0	J	0.23	9.4	pg/g	J	sp	< PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	6.5	JB	1.5	58	pg/g	J	sp	< PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	41903-57-5	TCDD (total)	4.9	Jq	0.46	12	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.6	Jq	0.92	58	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	3.8	JqB	1.6	58	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	28	JB	2.0	58	pg/g	J	sp	< PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	30402-15-4	PeCDF (total)	28	JqB	1.6	58	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	9.5	JqB	2.8	58	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	38998-75-3	HpCDF (total)	56	JqB	2.3	58	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	30	q	0.79	12	pg/g	J	k	EMPC			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	6.9	JqB	2.6	58	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	12	J	2.6	58	pg/g	J	sp	< PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.7	JqB	0.71	58	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	37871-00-4	HpCDD (total)	9.3	JB	0.65	58	pg/g	J	sp	< PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	55684-94-1	HxCDF (total)	26	JqB	2.8	58	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	39001-02-0	Octachlorodibenzofuran	63	JB	2.2	120	pg/g	J	sp	< PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	5.2	Jq	0.79	12	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	34465-46-8	HxCDD (total)	5.5	JqB	0.78	58	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	18	JB	1.2	120	pg/g	J	sp	< PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.8	JB	0.65	58	pg/g	J	sp	< PQL			
320261041	RIDB-13-10.0-20170224	2/24/2017	8290	36088-22-9	PeCDD (total)	3.8	Jq	0.92	58	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	41903-57-5	TCDD (total)	2.6	Jq	0.35	11	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.7	Jq	1.5	55	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.6	JqB	0.56	55	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.6	JqB	0.50	55	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	2.0	J	0.55	11	pg/g	J	sp	< PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	2.6	JB	0.72	55	pg/g	J	sp	< PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	39001-02-0	Octachlorodibenzofuran	12	JqB	1.6	110	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	36088-22-9	PeCDD (total)	7.1	Jq	0.65	55	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	34465-46-8	HxCDD (total)	6.1	JqB	0.55	55	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	7.2	JqB	1.2	55	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	3.2	Jq	0.55	11	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	38998-75-3	HpCDF (total)	10	JqB	1.3	55	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	55684-94-1	HxCDF (total)	6.0	JqB	0.78	55	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	2.2	JqB	0.78	55	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	37871-00-4	HpCDD (total)	5.8	JqB	0.56	55	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.1	JB	0.85	55	pg/g	J	sp	< PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.7	JqB	0.85	110	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-20.0-20170224	2/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.1	JqB	0.54	55	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.2	JqB	0.55	85	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	55684-94-1	HxCDF (total)	6.6	JqB	0.76	85	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	34465-46-8	HxCDD (total)	3.2	JqB	0.56	85	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	38998-75-3	HpCDF (total)	7.4	JB	1.9	85	pg/g	J	sp	< PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	7.4	JB	1.7	85	pg/g	J	sp	< PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.4	JqB	0.91	85	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	37871-00-4	HpCDD (total)	6.6	JqB	0.73	85	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	36088-22-9	PeCDD (total)	1.6	Jq	1.1	85	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.3	JqB	0.73	85	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.9	J	0.72	17	pg/g	J	sp	< PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.4	JqB	0.82	85	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	4.2	JB	0.76	85	pg/g	J	sp	< PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	39001-02-0	Octachlorodibenzofuran	16	JB	1.7	170	pg/g	J	sp	< PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	30402-15-4	PeCDF (total)	1.9	JqB	0.90	85	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.0	JB	0.51	85	pg/g	J	sp	< PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	1.9	J	0.72	17	pg/g	J	sp	< PQL			
320261041	RIDB-13-30.0-20170224	2/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	16	JB	1.4	170	pg/g	J	sp	< PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.2	Jq	1.9	82	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	14	JqB	1.2	160	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.7	JqB	0.70	82	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	38998-75-3	HpCDF (total)	19	JqB	1.7	82	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.1	JB	0.78	82	pg/g	J	sp	< PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	39001-02-0	Octachlorodibenzofuran	24	JqB	1.9	160	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	1.4	Jq	0.50	16	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	4.4	Jq	0.50	16	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.4	JqB	0.63	82	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	34465-46-8	HxCDD (total)	3.1	JqB	0.63	82	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	36088-22-9	PeCDD (total)	1.7	Jq	0.99	82	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	37871-00-4	HpCDD (total)	7.1	JqB	0.56	82	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.9	JqB	0.98	82	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	11	JB	1.5	82	pg/g	J	sp	< PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.9	JqB	0.56	82	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	55684-94-1	HxCDF (total)	16	JqB	0.84	82	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.6	JqB	0.91	82	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2.1	JqB	0.83	82	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	6.3	JB	0.84	82	pg/g	J	sp	< PQL			
320261041	RIDB-13-30.0-20170224-FD	2/24/2017	8290	30402-15-4	PeCDF (total)	5.1	JqB	0.97	82	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
320261041	RIDB-13-5.0-20170224	2/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	33000	GEB	150	150	pg/g	J	e	> Calibration range			
320261041	RIDB-13-5.0-20170224	2/24/2017	8290	38998-75-3	HpCDF (total)	66000	GB	180	180	pg/g	J	e	> Calibration range			
320261041	RIDB-13-5.0-20170224	2/24/2017	8290	39001-02-0	Octachlorodibenzofuran	90000	GEB	300	300	pg/g	J	e	> Calibration range			
320261041	RIDB-13-5.0-20170224	2/24/2017	8290	41903-57-5	TCDD (total)	4000	Gq	31	31	pg/g	J	k	EMPC			
320261041	RIDB-13-5.0-20170224	2/24/2017	8290	30402-15-4	PeCDF (total)	48000	GqB	250	250	pg/g	J	k	EMPC			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	37	JB	0.47	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	20	J	5.4	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	9.9	J	0.28	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	4.7	J	0.30	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	10	J	0.25	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	53	JB	0.35	110	pg/g	J	sp	< PQL			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1.0	J	0.45	11	pg/g	J	sp	< PQL			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	30402-15-4	PeCDF (total)	740	q	3.8	53	pg/g	J	k	EMPC			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	30	J	5.2	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	530	q	2.1	11	pg/g	J	k	EMPC			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	41903-57-5	TCDD (total)	50	q	0.45	11	pg/g	J	k	EMPC			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	44	J	3.8	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	6.3	J	0.89	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-1.0-20170223	2/23/2017	8290	36088-22-9	PeCDD (total)	60	q	0.89	53	pg/g	J	k	EMPC			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	34465-46-8	HxCDD (total)	2.9	Jq	0.18	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.1	Jq	0.32	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	37871-00-4	HpCDD (total)	4.4	JB	0.21	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	14	JB	0.19	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.35	J	0.19	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.80	Jq	0.51	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	2.3	J	0.21	11	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	39001-02-0	Octachlorodibenzofuran	36	JB	0.41	110	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.6	JB	0.23	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.63	J	0.18	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	55684-94-1	HxCDF (total)	23	Jq	0.52	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.5	JB	0.25	110	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	38998-75-3	HpCDF (total)	28	JB	0.21	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.1	JB	0.21	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	30402-15-4	PeCDF (total)	15	Jq	0.32	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	9.7	Jq	0.21	11	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.9	Jq	0.32	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.5	J	0.49	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.94	J	0.53	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	5.8	J	0.52	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.79	Jq	0.16	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223	2/23/2017	8290	36088-22-9	PeCDD (total)	1.2	Jq	0.30	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	4.6	Jq	0.39	11	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.1	J	0.79	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.5	J	0.36	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.9	J	0.32	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	30402-15-4	PeCDF (total)	43	Jq	0.51	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	16	J	0.81	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	55684-94-1	HxCDF (total)	71	q	0.79	53	pg/g	J	k	EMPC			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	6.2	JB	0.34	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	37	JB	0.37	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	3.1	J	0.51	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	39001-02-0	Octachlorodibenzofuran	83	JB	0.79	110	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	37871-00-4	HpCDD (total)	11	JB	0.34	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	18	JB	0.39	110	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	36088-22-9	PeCDD (total)	3.7	J	0.60	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	34465-46-8	HxCDD (total)	9.2	Jq	0.35	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.7	J	0.82	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	12	JB	0.45	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	5.5	J	0.50	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	10	J	0.76	53	pg/g	J	sp	< PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.58	Jq	0.38	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-10.0-20170223-FD	2/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	22	q	0.39	11	pg/g	J	k	EMPC			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.98	J	0.22	49	pg/g	J	sp	< PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	8.6	JB	0.35	99	pg/g	J	sp	< PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.68	J	0.25	49	pg/g	J	sp	< PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	39001-02-0	Octachlorodibenzofuran	6.0	JB	0.54	99	pg/g	J	sp	< PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.74	J	0.35	49	pg/g	J	sp	< PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	38998-75-3	HpCDF (total)	3.5	JqB	0.23	49	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.42	Jq	0.26	49	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.99	J	0.38	49	pg/g	J	sp	< PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.74	Jq	0.38	49	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.9	JB	0.31	49	pg/g	J	sp	< PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	55684-94-1	HxCDF (total)	3.2	Jq	0.37	49	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	34465-46-8	HxCDD (total)	2.1	Jq	0.24	49	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	37871-00-4	HpCDD (total)	3.5	JqB	0.31	49	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.0	JB	0.21	49	pg/g	J	sp	< PQL			
320261041	RIDB-14-20.0-20170223	2/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.68	JqB	0.25	49	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-30.0-20170223	2/23/2017	8290	34465-46-8	HxCDD (total)	2.0	J	0.28	69	pg/g	J	sp	< PQL			
320261041	RIDB-14-30.0-20170223	2/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	12	JB	0.45	140	pg/g	J	sp	< PQL			
320261041	RIDB-14-30.0-20170223	2/23/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.5	JqB	0.20	69	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-30.0-20170223	2/23/2017	8290	37871-00-4	HpCDD (total)	4.5	JB	0.36	69	pg/g	J	sp	< PQL			
320261041	RIDB-14-30.0-20170223	2/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.4	JB	0.36	69	pg/g	J	sp	< PQL			
320261041	RIDB-14-30.0-20170223	2/23/2017	8290	55684-94-1	HxCDF (total)	0.67	J	0.49	69	pg/g	J	sp	< PQL			
320261041	RIDB-14-30.0-20170223	2/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.62	J	0.29	69	pg/g	J	sp	< PQL			
320261041	RIDB-14-30.0-20170223	2/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.67	J	0.49	69	pg/g	J	sp	< PQL			
320261041	RIDB-14-30.0-20170223	2/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.3	J	0.25	69	pg/g	J	sp	< PQL			
320261041	RIDB-14-30.0-20170223	2/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.96	JB	0.25	69	pg/g	J	sp	< PQL			
320261041	RIDB-14-30.0-20170223	2/23/2017	8290	39001-02-0	Octachlorodibenzofuran	5.1	JB	0.76	140	pg/g	J	sp	< PQL			
320261041	RIDB-14-30.0-20170223	2/23/2017	8290	38998-75-3	HpCDF (total)	2.5	JqB	0.22	69	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	6.8	J	1.4	56	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	43	JB	0.91	56	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	55684-94-1	HxCDF (total)	210	q	1.4	56	pg/g	J	k	EMPC			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	34465-46-8	HxCDD (total)	22	Jq	0.26	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	37871-00-4	HpCDD (total)	16	JB	0.30	56	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	8.6	J	0.95	56	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	30	J	1.3	56	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	16	J	0.93	56	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.6	J	0.59	56	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	4.3	J	1.5	56	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	36088-22-9	PeCDD (total)	13	J	0.59	56	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	30402-15-4	PeCDF (total)	140	q	0.94	56	pg/g	J	k	EMPC			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	41903-57-5	TCDD (total)	4.8	Jq	0.44	11	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.5	J	0.23	56	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.1	J	0.27	56	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	17	JB	0.35	110	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	10	JB	0.30	56	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	8.8	J	2.4	11	pg/g	J	sp	< PQL			
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	48	J	1.4	56	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
320261041	RIDB-14-5.0-20170223	2/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.0	J	0.26	56	pg/g	J	sp	< PQL			
320261041	RIDB-8-1.0-20170222	2/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	31	J	0.90	52	pg/g	J	sp	< PQL			
320261041	RIDB-8-1.0-20170222	2/22/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	39	J	3.8	52	pg/g	J	sp	< PQL			
320261041	RIDB-8-1.0-20170222	2/22/2017	8290	36088-22-9	PeCDD (total)	400	q	3.8	52	pg/g	J	k	EMPC			
320261041	RIDB-8-1.0-20170222	2/22/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	9.6	J	1.2	10	pg/g	J	sp	< PQL			
320261041	RIDB-8-1.0-20170222	2/22/2017	8290	41903-57-5	TCDD (total)	250	q	1.2	10	pg/g	J	k	EMPC			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	39001-02-0	Octachlorodibenzofuran	6.7	JqB	0.64	100	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.52	Jq	0.45	51	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.3	JB	0.21	51	pg/g	J	sp	< PQL			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	7.6	JB	0.32	100	pg/g	J	sp	< PQL			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.0	JB	0.26	51	pg/g	J	sp	< PQL			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.68	Jq	0.48	51	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	34465-46-8	HxCDD (total)	0.99	Jq	0.23	51	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	55684-94-1	HxCDF (total)	1.8	Jq	0.48	51	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	38998-75-3	HpCDF (total)	4.4	JB	0.24	51	pg/g	J	sp	< PQL			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.64	Jq	0.49	51	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.51	J	0.21	51	pg/g	J	sp	< PQL			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.3	JB	0.32	51	pg/g	J	sp	< PQL			
320261041	RIDB-8-10.0-20170222	2/22/2017	8290	37871-00-4	HpCDD (total)	3.0	JB	0.32	51	pg/g	J	sp	< PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.5	JqB	0.33	54	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	55684-94-1	HxCDF (total)	1.9	Jq	0.37	54	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.62	Jq	0.38	54	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.67	Jq	0.39	54	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.47	Jq	0.28	54	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	38998-75-3	HpCDF (total)	2.8	JqB	0.19	54	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.4	JqB	0.17	54	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.73	JqB	0.21	54	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	11	JB	0.31	110	pg/g	J	sp	< PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.58	Jq	0.37	54	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	39001-02-0	Octachlorodibenzofuran	5.4	JB	0.58	110	pg/g	J	sp	< PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.84	Jq	0.24	54	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	37871-00-4	HpCDD (total)	3.2	JqB	0.33	54	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-20.0-20170222	2/22/2017	8290	34465-46-8	HxCDD (total)	1.3	Jq	0.27	54	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-30.0-20170222	2/22/2017	8290	55684-94-1	HxCDF (total)	0.82	Jq	0.50	57	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-30.0-20170222	2/22/2017	8290	34465-46-8	HxCDD (total)	0.59	Jq	0.27	57	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-30.0-20170222	2/22/2017	8290	37871-00-4	HpCDD (total)	5.5	JB	0.37	57	pg/g	J	sp	< PQL			
320261041	RIDB-8-30.0-20170222	2/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.3	JB	0.21	57	pg/g	J	sp	< PQL			
320261041	RIDB-8-30.0-20170222	2/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.1	JB	0.37	57	pg/g	J	sp	< PQL			
320261041	RIDB-8-30.0-20170222	2/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.59	Jq	0.25	57	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-30.0-20170222	2/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.85	JqB	0.25	57	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-30.0-20170222	2/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.82	Jq	0.52	57	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-30.0-20170222	2/22/2017	8290	38998-75-3	HpCDF (total)	2.8	JqB	0.23	57	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-30.0-20170222	2/22/2017	8290	39001-02-0	Octachlorodibenzofuran	4.2	JB	0.61	110	pg/g	J	sp	< PQL			
320261041	RIDB-8-30.0-20170222	2/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	11	JqB	0.36	110	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin		U	0.16	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	34465-46-8	HxCDD (total)	0.36	JqB	0.086	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	36088-22-9	PeCDD (total)		U	0.16	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	37871-00-4	HpCDD (total)	1.3	JqB	0.14	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran		U	0.13	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.74	Jq	0.14	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.21	Jq	0.084	11	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.41	JqB	0.14	55	pg/g	R	o	Sample container breakage			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	55684-94-1	HxCDF (total)	0.78	JqB	0.097	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	30402-15-4	PeCDF (total)		U	0.13	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.23	JqB	0.10	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.35	JB	0.098	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		U	0.10	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.17	JqB	0.074	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	38998-75-3	HpCDF (total)	1.6	JqB	0.15	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	41903-57-5	TCDD (total)	0.38	Jq	0.14	11	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	39001-02-0	Octachlorodibenzofuran	1.7	JB	0.15	110	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.34	JqB	0.16	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran		U	0.13	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.20	JB	0.089	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	TTEQ	Total Dioxin/Furan TEQ (Calculated)	0.32				pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin		U	0.14	11	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	4.5	JB	0.12	110	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran		U	0.084	11	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.19	Jq	0.083	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-30.0-20170222-FD	2/22/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran		U	0.098	55	pg/g	R	o	Sample container breakage			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.49	J	0.45	56	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.4	J	0.43	56	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2.0	J	0.96	56	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	39001-02-0	Octachlorodibenzofuran	73	JB	1.3	110	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	10	JB	0.56	56	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	6.3	J	0.82	56	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	6.1	J	0.92	56	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.4	J	0.38	56	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	4.4	J	0.49	11	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	41903-57-5	TCDD (total)	1.4	Jq	0.51	11	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	16	JqB	0.63	110	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	30402-15-4	PeCDF (total)	25	Jq	0.83	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	11	J	0.98	56	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.3	J	1.0	56	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	19	q	0.49	11	pg/g	J	k	EMPC			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.2	JB	0.52	56	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	55684-94-1	HxCDF (total)	45	Jq	0.96	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	34465-46-8	HxCDD (total)	4.8	Jq	0.42	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	37871-00-4	HpCDD (total)	7.1	JqB	0.52	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	26	JB	0.46	56	pg/g	J	sp	< PQL			
320261041	RIDB-8-5.0-20170222	2/22/2017	8290	38998-75-3	HpCDF (total)	52	JB	0.51	56	pg/g	J	sp	< PQL			
320261041	RIDB-9-1.0-20170222	2/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	14	JB	0.29	110	pg/g	J	sp	< PQL			
320261041	RIDB-9-1.0-20170222	2/22/2017	8290	37871-00-4	HpCDD (total)	3.9	JB	0.28	53	pg/g	J	sp	< PQL			
320261041	RIDB-9-1.0-20170222	2/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.0	JBq	0.17	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-1.0-20170222	2/22/2017	8290	34465-46-8	HxCDD (total)	0.45	Jq	0.18	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-1.0-20170222	2/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.0	JB	0.28	53	pg/g	J	sp	< PQL			
320261041	RIDB-9-1.0-20170222	2/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.45	Jq	0.17	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-1.0-20170222	2/22/2017	8290	38998-75-3	HpCDF (total)	2.2	JBq	0.19	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-1.0-20170222	2/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.54	JBq	0.21	53	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-1.0-20170222	2/22/2017	8290	39001-02-0	Octachlorodibenzofuran	3.7	JB	0.40	110	pg/g	J	sp	< PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	39001-02-0	Octachlorodibenzofuran	20	JB	0.52	100	pg/g	J	sp	< PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.5	JB	0.27	52	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.8	J	0.33	52	pg/g	J	sp	< PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	2.5	J	0.39	52	pg/g	J	sp	< PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	38998-75-3	HpCDF (total)	17	JqB	0.24	52	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	3.7	J	0.42	52	pg/g	J	sp	< PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.34	Jq	0.23	52	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	30402-15-4	PeCDF (total)	11	Jq	0.33	52	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	12	JB	0.29	100	pg/g	J	sp	< PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	2.2	J	0.27	10	pg/g	J	sp	< PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	34465-46-8	HxCDD (total)	2.5	Jq	0.22	52	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.77	J	0.20	52	pg/g	J	sp	< PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.84	J	0.22	52	pg/g	J	sp	< PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	8.7	Jq	0.27	10	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	55684-94-1	HxCDF (total)	15	Jq	0.41	52	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.79	Jq	0.43	52	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	37871-00-4	HpCDD (total)	3.3	JqB	0.28	52	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.2	Jq	0.34	52	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	8.3	JB	0.22	52	pg/g	J	sp	< PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.95	J	0.41	52	pg/g	J	sp	< PQL			
320261041	RIDB-9-10.0-20170223	2/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.9	JqB	0.28	52	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	38998-75-3	HpCDF (total)	1.7	JqB	0.23	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.75	J	0.20	56	pg/g	J	sp	< PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.29	Jq	0.24	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.76	Jq	0.33	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.63	Jq	0.33	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.54	Jq	0.32	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.1	JqB	0.21	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.76	J	0.23	56	pg/g	J	sp	< PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	55684-94-1	HxCDF (total)	2.5	Jq	0.32	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	6.0	JB	0.28	110	pg/g	J	sp	< PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	39001-02-0	Octachlorodibenzofuran	2.9	JqB	0.50	110	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.1	JB	0.27	56	pg/g	J	bl,sp	MB contamination; < PQL	0.224	1.12	pg/g
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.68	JB	0.25	56	pg/g	J	sp	< PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	37871-00-4	HpCDD (total)	2.7	JB	0.27	56	pg/g	J	sp	< PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	34465-46-8	HxCDD (total)	1.8	Jq	0.22	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-20.0-20170223	2/23/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.57	Jq	0.31	56	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.1	J	0.22	63	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	37871-00-4	HpCDD (total)	4.4	JqB	0.27	63	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	34465-46-8	HxCDD (total)	4.2	Jq	0.21	63	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	55684-94-1	HxCDF (total)	23	Jq	0.59	63	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.1	J	0.58	63	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	30402-15-4	PeCDF (total)	17	Jq	0.39	63	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.45	Jq	0.22	63	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.4	JB	0.27	63	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	5.4	JB	0.28	63	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	38998-75-3	HpCDF (total)	27	JB	0.26	63	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.9	J	0.39	63	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.3	J	0.19	63	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.3	Jq	0.56	63	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	2.9	J	0.26	13	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.4	JB	0.27	130	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.7	J	0.40	63	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	5.9	J	0.60	63	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	13	JB	0.23	63	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	36088-22-9	PeCDD (total)	1.5	Jq	0.31	63	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.95	Jq	0.61	63	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	39001-02-0	Octachlorodibenzofuran	32	JB	0.46	130	pg/g	J	sp	< PQL			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	14	q	0.26	13	pg/g	J	k	EMPC			
320261041	RIDB-9-30.0-20170223	2/23/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.47	Jq	0.31	63	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-5.0-20170222	2/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	7.0	JB	0.26	120	pg/g	J	sp	< PQL			
320261041	RIDB-9-5.0-20170222	2/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.36	JBq	0.20	60	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0927	0.4635	pg/g
320261041	RIDB-9-5.0-20170222	2/22/2017	8290	39001-02-0	Octachlorodibenzofuran	3.6	JBq	0.43	120	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-5.0-20170222	2/22/2017	8290	38998-75-3	HpCDF (total)	1.9	JBq	0.19	60	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-5.0-20170222	2/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.30	Jq	0.20	60	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-5.0-20170222	2/22/2017	8290	34465-46-8	HxCDD (total)	0.30	Jq	0.22	60	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-5.0-20170222	2/22/2017	8290	37871-00-4	HpCDD (total)	2.6	JBq	0.25	60	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-5.0-20170222	2/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.98	JBq	0.17	60	pg/g	J	k,sp	EMPC; < PQL			
320261041	RIDB-9-5.0-20170222	2/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.0	JBq	0.25	60	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.224	1.12	pg/g
320261331	RIDB-6-0.5-20170225	2/25/2017	8290	30402-15-4	PeCDF (total)	1900	q	9.8	55	pg/g	J	k	EMPC			
320261331	RIDB-6-0.5-20170225	2/25/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1600	qB	6.3	11	pg/g	J	k	EMPC			
320261331	RIDB-6-0.5-20170225	2/25/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	41	J	13	55	pg/g	J	sp	< PQL			
320261331	RIDB-6-0.5-20170225	2/25/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	14	J	1.5	55	pg/g	J	sp	< PQL			
320261331	RIDB-6-0.5-20170225	2/25/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	9.3	J	0.48	55	pg/g	J	sp	< PQL			
320261331	RIDB-6-0.5-20170225	2/25/2017	8290	36088-22-9	PeCDD (total)	130	q	1.5	55	pg/g	J	k	EMPC			
320261331	RIDB-6-0.5-20170225	2/25/2017	8290	41903-57-5	TCDD (total)	110	q	0.55	11	pg/g	J	k	EMPC			
320261331	RIDB-6-0.5-20170225	2/25/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	4.1	Jq	0.55	11	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-0.5-20170225	2/25/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	21	JB	0.44	55	pg/g	J	sp	< PQL			
320261331	RIDB-6-0.5-20170225	2/25/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	21	JB	0.37	55	pg/g	J	sp	< PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	12	J	1.5	50	pg/g	J	sp	< PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	24	JB	0.37	99	pg/g	J	bl,sp	MB contamination; < PQL	10.4	52	pg/g
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	30402-15-4	PeCDF (total)	200	q	1.5	50	pg/g	J	k	EMPC			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	4.5	J	1.8	50	pg/g	J	sp	< PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	30402-14-3	Tetrachlorodibenzofuran	150	qB	0.82	9.9	pg/g	J	k	EMPC			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	9.2	JB	0.46	50	pg/g	J	sp	< PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	55684-94-1	HxCDF (total)	220	qB	1.8	50	pg/g	J	k	EMPC			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.89	Jq	0.31	50	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.2	JB	0.23	50	pg/g	J	sp	< PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	34465-46-8	HxCDD (total)	14	JqB	0.27	50	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.5	J	0.56	50	pg/g	J	sp	< PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.2	JqB	0.28	50	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	8.8	J	1.8	50	pg/g	J	sp	< PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	24	J	1.4	50	pg/g	J	sp	< PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	36088-22-9	PeCDD (total)	14	Jq	0.56	50	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	37871-00-4	HpCDD (total)	15	JB	0.46	50	pg/g	J	sp	< PQL			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	41903-57-5	TCDD (total)	22	q	0.38	9.9	pg/g	J	k	EMPC			
320261331	RIDB-6-10.0-20170226	2/26/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	35	JB	1.7	50	pg/g	J	sp	< PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	36088-22-9	PeCDD (total)	1.1	Jq	0.36	58	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	37871-00-4	HpCDD (total)	1.9	JqB	0.24	58	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	1.53	7.65	pg/g
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.1	JB	0.30	58	pg/g	J	sp	< PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	30402-14-3	Tetrachlorodibenzofuran	3.1	JqB	0.17	12	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.66	JqB	0.24	58	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.906	4.53	pg/g
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.4	J	0.25	58	pg/g	J	sp	< PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	38998-75-3	HpCDF (total)	5.2	JqB	0.32	58	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	55684-94-1	HxCDF (total)	3.0	JqB	0.23	58	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	41903-57-5	TCDD (total)	2.1	Jq	0.33	12	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	39001-02-0	Octachlorodibenzofuran	6.7	JB	0.40	120	pg/g	J	sp	< PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.2	J	0.34	58	pg/g	J	sp	< PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.69	Jq	0.28	58	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.90	JB	0.22	58	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	2.4	JqB	0.24	120	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	10.4	52	pg/g
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.93	JB	0.17	12	pg/g	J	sp	< PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	30402-15-4	PeCDF (total)	2.1	Jq	0.29	58	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-20.0-20170226	2/26/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.36	Jq	0.23	58	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-30.0-20170226	2/26/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.4	JB	0.19	76	pg/g	J	sp	< PQL			
320261331	RIDB-6-30.0-20170226	2/26/2017	8290	37871-00-4	HpCDD (total)	2.1	JqB	0.23	76	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	1.53	7.65	pg/g
320261331	RIDB-6-30.0-20170226	2/26/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.72	JqB	0.23	76	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.906	4.53	pg/g
320261331	RIDB-6-30.0-20170226	2/26/2017	8290	38998-75-3	HpCDF (total)	1.4	JB	0.21	76	pg/g	J	sp	< PQL			
320261331	RIDB-6-30.0-20170226	2/26/2017	8290	39001-02-0	Octachlorodibenzofuran	3.3	JB	0.37	150	pg/g	J	sp	< PQL			
320261331	RIDB-6-30.0-20170226	2/26/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	4.4	JB	0.29	150	pg/g	J	bl,sp	MB contamination; < PQL	10.4	52	pg/g
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	55684-94-1	HxCDF (total)	3000	qB	18	58	pg/g	J	k	EMPC			
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	5.3	J	0.95	12	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	120	B	5.4	12	pg/g	J	fd	FD RPD	64	50	%
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	15	J	2.3	58	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1800	qB	8.7	12	pg/g	J	k	EMPC			
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	12	J	0.63	58	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	28	JB	0.48	58	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	30402-15-4	PeCDF (total)	2300		16	58	pg/g	J	fd	FD RPD	71	50	%
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	730		19	58	pg/g	J	fd	FD RPD	86	50	%
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	470	qB	17	58	pg/g	J	k	EMPC			
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	36088-22-9	PeCDD (total)	150	q	2.3	58	pg/g	J	k	EMPC			
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	38998-75-3	HpCDF (total)	3800	B	18	58	pg/g	J	fd	FD RPD	81	50	%
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	280		15	58	pg/g	J	fd	FD RPD	73	50	%
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	140		17	58	pg/g	J	fd	FD RPD	72	50	%
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	39001-02-0	Octachlorodibenzofuran	5400	B	5.0	120	pg/g	J	fd	FD RPD	81	50	%
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	37871-00-4	HpCDD (total)	180	B	1.7	58	pg/g	J	fd	FD RPD	79	50	%
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	41903-57-5	TCDD (total)	130	q	0.95	12	pg/g	J	k	EMPC			
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2000	B	17	58	pg/g	J	fd	FD RPD	82	50	%
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	46	Jq	18	58	pg/g	J	k,sp	EMPC; < PQL			
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	27	JB	0.58	58	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225	2/25/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	740		19	58	pg/g	J	fd	FD RPD	82	50	%
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	38998-75-3	HpCDF (total)	1600	B	8.4	55	pg/g	J	fd	FD RPD	81	50	%
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	290		9.0	55	pg/g	J	fd	FD RPD	86	50	%
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	41903-57-5	TCDD (total)	56	q	0.49	11	pg/g	J	k	EMPC			
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	39001-02-0	Octachlorodibenzofuran	2300	B	2.9	110	pg/g	J	fd	FD RPD	81	50	%
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	5.6	J	0.48	55	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	62	B	2.4	11	pg/g	J	fd	FD RPD	64	50	%
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	130		5.9	55	pg/g	J	fd	FD RPD	73	50	%
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	30402-15-4	PeCDF (total)	1100		6.2	55	pg/g	J	fd	FD RPD	71	50	%
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	13	JB	0.37	55	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1.1	J	0.49	11	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	37871-00-4	HpCDD (total)	78	B	0.98	55	pg/g	J	fd	FD RPD	79	50	%
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	840	B	7.9	55	pg/g	J	fd	FD RPD	82	50	%
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	61	JB	0.55	110	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	310		7.4	55	pg/g	J	fd	FD RPD	82	50	%
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	43	J	7.2	55	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	7.6	J	1.1	55	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	66		6.4	55	pg/g	J	fd	FD RPD	72	50	%
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	36088-22-9	PeCDD (total)	74	q	1.1	55	pg/g	J	k	EMPC			
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	34465-46-8	HxCDD (total)	82	qB	0.43	55	pg/g	J	k	EMPC			
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	50	JB	0.98	55	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	24	J	6.9	55	pg/g	J	sp	< PQL			
320261331	RIDB-6-5.0-20170225-FD	2/25/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	12	JB	0.44	55	pg/g	J	sp	< PQL			
4401790222	RIDB-20-1.0-20170307	3/7/2017	8290	41903-57-5	TCDD (total)	290	q	0.64	9.8	pg/g	J	k	EMPC			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401790222	RIDB-20-1.0-20170307	3/7/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	23	J	0.88	49	pg/g	J	sp	< PQL			
4401790222	RIDB-20-1.0-20170307	3/7/2017	8290	30402-15-4	PeCDF (total)	3700	q	19	49	pg/g	J	k	EMPC			
4401790222	RIDB-20-1.0-20170307	3/7/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	30	J	2.9	49	pg/g	J	sp	< PQL			
4401790222	RIDB-20-1.0-20170307	3/7/2017	8290	36088-22-9	PeCDD (total)	330	q	2.9	49	pg/g	J	k	EMPC			
4401790222	RIDB-20-1.0-20170307	3/7/2017	8290	34465-46-8	HxCDD (total)	380	qB	0.74	49	pg/g	J	k	EMPC			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	34465-46-8	HxCDD (total)	21	JB	0.14	45	pg/g	J	sp	< PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	5.1	JB	1.0	45	pg/g	J	sp	< PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	37871-00-4	HpCDD (total)	17	JB	0.22	45	pg/g	J	sp	< PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	13	J	0.72	45	pg/g	J	sp	< PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	36088-22-9	PeCDD (total)	15	Jq	0.40	45	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.6	J	0.40	45	pg/g	J	sp	< PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	55684-94-1	HxCDF (total)	240	qB	1.0	45	pg/g	J	k	EMPC			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	30402-14-3	Tetrachlorodibenzofuran	140	q	0.49	9.0	pg/g	J	k	EMPC			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	8.4	J	1.0	45	pg/g	J	sp	< PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.0	J	0.14	45	pg/g	J	sp	< PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	16	JB	0.22	90	pg/g	J	sp	< PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.46	Jq	0.24	9.0	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	35	JB	0.93	45	pg/g	J	sp	< PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	24	J	0.70	45	pg/g	J	sp	< PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.4	J	0.17	45	pg/g	J	sp	< PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	41903-57-5	TCDD (total)	11	q	0.24	9.0	pg/g	J	k	EMPC			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.7	JB	0.12	45	pg/g	J	sp	< PQL			
4401790222	RIDB-4-0.5-20170306	3/6/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	11	JB	0.22	45	pg/g	J	sp	< PQL			
4401790222	RIDB-4-10.0-20170307	3/7/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.39	JqB	0.14	59	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307	3/7/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.52	JB	0.15	59	pg/g	J	sp	< PQL			
4401790222	RIDB-4-10.0-20170307	3/7/2017	8290	38998-75-3	HpCDF (total)	1.5	JqB	0.19	59	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307	3/7/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.19	JqB	0.13	59	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307	3/7/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	3.0	JB	0.14	120	pg/g	J	sp	< PQL			
4401790222	RIDB-4-10.0-20170307	3/7/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.49	JqB	0.22	59	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307	3/7/2017	8290	37871-00-4	HpCDD (total)	1.4	JqB	0.22	59	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307	3/7/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.24	J	0.13	12	pg/g	J	sp	< PQL			
4401790222	RIDB-4-10.0-20170307	3/7/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.95	Jq	0.18	59	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307	3/7/2017	8290	55684-94-1	HxCDF (total)	1.1	JqB	0.14	59	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307	3/7/2017	8290	39001-02-0	Octachlorodibenzofuran	2.5	JB	0.20	120	pg/g	J	sp	< PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.60	Jq	0.19	15	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	37871-00-4	HpCDD (total)	3.3	JqB	0.27	75	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	34465-46-8	HxCDD (total)	2.3	JqB	0.19	75	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.89	J	0.35	75	pg/g	J	sp	< PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	55684-94-1	HxCDF (total)	4.7	JqB	0.23	75	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.6	JqB	0.27	75	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.9	Jq	0.19	15	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.0	JqB	0.23	75	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.6	JqB	0.25	75	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	30402-15-4	PeCDF (total)	1.7	Jq	0.30	75	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.97	J	0.18	75	pg/g	J	sp	< PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	24	JB	0.34	150	pg/g	J	sp	< PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.2	JqB	0.21	75	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.5	JB	0.26	75	pg/g	J	sp	< PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	39001-02-0	Octachlorodibenzofuran	7.5	JB	0.27	150	pg/g	J	sp	< PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	38998-75-3	HpCDF (total)	6.1	JqB	0.25	75	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.79	JB	0.16	75	pg/g	J	sp	< PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.0	Jq	0.24	75	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.76	Jq	0.30	75	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.79	Jq	0.23	75	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401790222	RIDB-4-10.0-20170307-FD	3/7/2017	8290	36088-22-9	PeCDD (total)	0.89	J	0.35	75	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	38	JB	1.5	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	34465-46-8	HxCDD (total)	18	JB	0.25	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	41903-57-5	TCDD (total)	15	q	0.27	14	pg/g	J	k	EMPC			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.7	JB	0.22	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.3	J	0.30	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	23	J	0.94	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	5.7	J	0.72	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.3	J	0.24	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	11	JqB	0.22	140	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.43	J	0.27	14	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	37871-00-4	HpCDD (total)	14	JqB	0.72	72	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	44	JB	0.77	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	30402-15-4	PeCDF (total)	180	q	0.96	72	pg/g	J	k	EMPC			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8.9	JB	0.72	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	30402-14-3	Tetrachlorodibenzofuran	160	q	0.76	14	pg/g	J	k	EMPC			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.7	J	0.45	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	12	J	0.98	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	4.5	JB	0.72	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	26	JB	0.65	72	pg/g	J	sp	< PQL			
4401790222	RIDB-4-20.0-20170307	3/7/2017	8290	36088-22-9	PeCDD (total)	17	Jq	0.45	72	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.50	JqB	0.29	65	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	30402-14-3	Tetrachlorodibenzofuran	9.6	Jq	0.19	13	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.8	JB	0.29	65	pg/g	J	sp	< PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	34465-46-8	HxCDD (total)	1.0	JqB	0.15	65	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	55684-94-1	HxCDF (total)	16	JqB	0.29	65	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	36088-22-9	PeCDD (total)	0.39	Jq	0.27	65	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	37871-00-4	HpCDD (total)	3.5	JB	0.29	65	pg/g	J	sp	< PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	9.0	J	0.28	65	pg/g	J	sp	< PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	4.0	JB	0.31	65	pg/g	J	sp	< PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.7	JB	0.31	65	pg/g	J	sp	< PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.1	J	0.33	65	pg/g	J	sp	< PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	41903-57-5	TCDD (total)	0.66	Jq	0.20	13	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	2.2	JB	0.27	65	pg/g	J	sp	< PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	38998-75-3	HpCDF (total)	18	JqB	0.30	65	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	30402-15-4	PeCDF (total)	8.3	Jq	0.33	65	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	39001-02-0	Octachlorodibenzofuran	25	JB	0.27	130	pg/g	J	sp	< PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.3	Jq	0.32	65	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	8.7	JB	0.19	130	pg/g	J	sp	< PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	1.9	Jq	0.19	13	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.44	Jq	0.14	65	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.88	J	0.29	65	pg/g	J	sp	< PQL			
4401790222	RIDB-4-30.0-20170307	3/7/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.56	JqB	0.13	65	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-5.0-20170307	3/7/2017	8290	39001-02-0	Octachlorodibenzofuran	3.8	JB	0.19	120	pg/g	J	sp	< PQL			
4401790222	RIDB-4-5.0-20170307	3/7/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	23	JB	0.33	120	pg/g	J	sp	< PQL			
4401790222	RIDB-4-5.0-20170307	3/7/2017	8290	34465-46-8	HxCDD (total)	0.30	JqB	0.13	61	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-5.0-20170307	3/7/2017	8290	37871-00-4	HpCDD (total)	1.2	JqB	0.22	61	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-5.0-20170307	3/7/2017	8290	55684-94-1	HxCDF (total)	1.1	JqB	0.14	61	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-5.0-20170307	3/7/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.47	JB	0.16	61	pg/g	J	sp	< PQL			
4401790222	RIDB-4-5.0-20170307	3/7/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.39	JqB	0.15	61	pg/g	J	k,sp	EMPC; < PQL			
4401790222	RIDB-4-5.0-20170307	3/7/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.24	JqB	0.13	61	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1.4	Jq	0.30	10	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	39	JB	0.63	50	pg/g	J	sp	< PQL			
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	8.4	J	0.30	50	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	41903-57-5	TCDD (total)	29	Bq	0.30	10	pg/g	J	k	EMPC			
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	30402-15-4	PeCDF (total)	500	q	2.1	50	pg/g	J	k	EMPC			
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	18	JB	1.9	50	pg/g	J	sp	< PQL			
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	38	J	2.1	50	pg/g	J	sp	< PQL			
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	5.5	J	0.59	50	pg/g	J	sp	< PQL			
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	31	J	1.9	50	pg/g	J	sp	< PQL			
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	8.5	J	0.33	50	pg/g	J	sp	< PQL			
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	72	JB	0.43	100	pg/g	J	sp	< PQL			
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	4.7	J	0.41	50	pg/g	J	sp	< PQL			
4401791532	RIDB-1-0.5-20170308	3/8/2017	8290	36088-22-9	PeCDD (total)	40	Jq	0.59	50	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.33	J	0.021	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	3.3	JB	0.042	11	pg/g	J	sp	< PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.27	J	0.024	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.70	J	0.10	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.2	JB	0.16	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.7	J	0.090	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	41903-57-5	TCDD (total)	0.72	JBq	0.028	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.098	J	0.029	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.90	J	0.093	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	2.5	J	0.094	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.3	JB	0.041	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	1.0	J	0.20	1.1	pg/g	J	sp	< PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	8.5	q	0.034	1.1	pg/g	J	k	EMPC			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.14	Jq	0.037	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	55684-94-1	HxCDF (total)	18	Bq	0.10	5.4	pg/g	J	k	EMPC			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	30402-15-4	PeCDF (total)	12	q	0.091	5.4	pg/g	J	k	EMPC			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	4.4	J	0.11	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.43	JBq	0.10	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	34465-46-8	HxCDD (total)	1.6	Jq	0.025	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	36088-22-9	PeCDD (total)	0.93	Jq	0.037	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-10.0-20170308	3/8/2017	8290	37871-00-4	HpCDD (total)	2.3	JB	0.041	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.067	J	0.016	1.2	pg/g	J	sp	< PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.090	JBq	0.023	6.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0474	0.237	pg/g
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.45	Jq	0.016	1.2	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.15	JB	0.031	6.2	pg/g	J	sp	< PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.10	J	0.033	6.2	pg/g	J	sp	< PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	30402-15-4	PeCDF (total)	0.094	Jq	0.027	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.31	JB	0.033	6.2	pg/g	J	sp	< PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	37871-00-4	HpCDD (total)	0.24	JBq	0.023	6.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.129	0.645	pg/g
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	55684-94-1	HxCDF (total)	0.46	JBq	0.031	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.10	Jq	0.018	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.22	J	0.016	6.2	pg/g	J	sp	< PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.45	JB	0.032	12	pg/g	J	bl,sp	MB contamination; < PQL	0.190	0.95	pg/g
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.081	J	0.028	6.2	pg/g	J	sp	< PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.15	JB	0.036	6.2	pg/g	J	sp	< PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	39001-02-0	Octachlorodibenzofuran	0.72	JB	0.035	12	pg/g	J	sp	< PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	41903-57-5	TCDD (total)	0.24	JBq	0.025	1.2	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	38998-75-3	HpCDF (total)	0.56	JBq	0.034	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	36088-22-9	PeCDD (total)	0.10	Jq	0.034	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-20.0-20170308	3/8/2017	8290	34465-46-8	HxCDD (total)	0.33	Jq	0.018	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	41903-57-5	TCDD (total)	0.092	JqB	0.034	1.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0196	0.098	pg/g
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.19	Jq	0.026	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.11	J	0.030	7.1	pg/g	J	sp	< PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	39001-02-0	Octachlorodibenzofuran	0.90	JB	0.056	14	pg/g	J-	i,sp	IS %R; < PQL	36	40-135	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.16	JqB	0.056	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.11	Jq	0.037	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.17	J	0.027	7.1	pg/g	J	sp	< PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.081	J	0.032	7.1	pg/g	J	sp	< PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	38998-75-3	HpCDF (total)	0.45	JqB	0.053	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.086	Jq	0.038	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.22	J	0.024	7.1	pg/g	J	sp	< PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	30402-15-4	PeCDF (total)	0.20	Jq	0.038	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.10	J	0.020	1.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.5	JB	0.049	14	pg/g	J-	i,sp	IS %R; < PQL	36	40-135	%
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	55684-94-1	HxCDF (total)	0.73	JB	0.029	7.1	pg/g	J	sp	< PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.050	J	0.020	1.4	pg/g	J	sp	< PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.14	J	0.032	7.1	pg/g	J	sp	< PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.30	JB	0.030	7.1	pg/g	J	sp	< PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	34465-46-8	HxCDD (total)	0.56	Jq	0.027	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	36088-22-9	PeCDD (total)	0.086	Jq	0.048	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	37871-00-4	HpCDD (total)	0.44	JqB	0.029	7.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.129	0.645	pg/g
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.29	JB	0.050	7.1	pg/g	J	sp	< PQL			
4401791532	RIDB-1-30.0-20170308	3/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.29	JqB	0.029	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.7	JqB	0.52	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	3.13	15.65	pg/l
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	30402-15-4	PeCDF (total)	1.9	Jq	0.46	48	pg/l	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.4	JqB	0.25	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	2.26	11.3	pg/l
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	34465-46-8	HxCDD (total)	1.7	JqB	0.41	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	1.04	5.2	pg/l
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	37871-00-4	HpCDD (total)	3.7	JqB	0.52	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	4.44	22.2	pg/l
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	12	JB	0.42	96	pg/l	J	bl,sp	MB contamination; < PQL	13.3	66.5	pg/l
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.1	Jq	0.45	48	pg/l	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.92	JB	0.30	48	pg/l	J	bl,sp	MB contamination; < PQL	1.60	8	pg/l
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	39001-02-0	Octachlorodibenzofuran	5.2	JB	0.73	96	pg/l	J	bl,sp	MB contamination; < PQL	9.69	48.45	pg/l
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	38998-75-3	HpCDF (total)	2.4	JqB	0.28	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	4.40	22	pg/l
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.79	JqB	0.37	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	1.04	5.2	pg/l
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.80	J	0.46	48	pg/l	J	sp	< PQL			
4401791532	RIDB-1-30.0-20170308-EB	3/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.92	Jq	0.42	48	pg/l	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	41903-57-5	TCDD (total)	0.039	JBq	0.020	1.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0196	0.098	pg/g
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	39001-02-0	Octachlorodibenzofuran	4.2	JB	0.035	11	pg/g	J	sp	< PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.61	JB	0.040	5.3	pg/g	J	sp	< PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.28	J	0.037	5.3	pg/g	J	sp	< PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.37	J	0.028	5.3	pg/g	J	sp	< PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.026	Jq	0.016	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.080	J	0.013	5.3	pg/g	J	sp	< PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	38998-75-3	HpCDF (total)	3.2	JB	0.037	5.3	pg/g	J	sp	< PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.30	J	0.014	1.1	pg/g	J	sp	< PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.061	J	0.012	5.3	pg/g	J	sp	< PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	55684-94-1	HxCDF (total)	2.6	JBq	0.031	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.4	q	0.014	1.1	pg/g	J	k	EMPC			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.12	J	0.031	5.3	pg/g	J	sp	< PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.21	JB	0.020	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0474	0.237	pg/g
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.56	JB	0.020	11	pg/g	J	bl,sp	MB contamination; < PQL	0.190	0.95	pg/g
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	30402-15-4	PeCDF (total)	1.4	Jq	0.038	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.63	J	0.033	5.3	pg/g	J	sp	< PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	34465-46-8	HxCDD (total)	0.29	Jq	0.013	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	36088-22-9	PeCDD (total)	0.045	Jq	0.025	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	37871-00-4	HpCDD (total)	0.39	JB	0.020	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.129	0.645	pg/g
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.15	J	0.039	5.3	pg/g	J	sp	< PQL			
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.6	JB	0.035	5.3	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401791532	RIDB-1-5.0-20170308	3/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.062	JBq	0.031	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0227	0.1135	pg/g
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	55684-94-1	HxCDF (total)	0.78	JqB	0.030	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	36088-22-9	PeCDD (total)	0.13	Jq	0.028	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	34465-46-8	HxCDD (total)	0.43	Jq	0.015	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.047	J	0.029	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.33	JB	0.023	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	30402-15-4	PeCDF (total)	0.73	Jq	0.029	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.16	JB	0.021	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0474	0.237	pg/g
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.17	JB	0.030	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.56	Jq	0.015	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.36	J	0.032	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	38998-75-3	HpCDF (total)	0.61	JB	0.024	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	37871-00-4	HpCDD (total)	0.36	JqB	0.021	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.129	0.645	pg/g
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.038	Jq	0.030	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.22	J	0.013	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	41903-57-5	TCDD (total)	0.31	JB	0.023	1.1	pg/g	J	sp	< PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	39001-02-0	Octachlorodibenzofuran	0.92	JB	0.026	11	pg/g	J	sp	< PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.13	JB	0.025	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0267	0.1335	pg/g
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.089	Jq	0.028	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.11	Jq	0.027	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.93	JB	0.021	11	pg/g	J	bl,sp	MB contamination; < PQL	0.190	0.95	pg/g
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.094	Jq	0.015	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-10.0-20170308	3/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.10	Jq	0.014	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.25	JqB	0.023	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.190	0.95	pg/g
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.12	J	0.013	5.5	pg/g	J	sp	< PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.074	Jq	0.025	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.071	Jq	0.022	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.11	JB	0.026	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0267	0.1335	pg/g
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	39001-02-0	Octachlorodibenzofuran	0.67	JB	0.027	11	pg/g	J	sp	< PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.052	Jq	0.014	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	38998-75-3	HpCDF (total)	0.55	JB	0.024	5.5	pg/g	J	sp	< PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.084	JqB	0.017	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0474	0.237	pg/g
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.068	Jq	0.015	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.28	JB	0.023	5.5	pg/g	J	sp	< PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.26	Jq	0.014	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	55684-94-1	HxCDF (total)	0.38	JqB	0.027	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	30402-15-4	PeCDF (total)	0.15	Jq	0.022	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.12	J	0.029	5.5	pg/g	J	sp	< PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.079	JqB	0.027	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	34465-46-8	HxCDD (total)	0.25	Jq	0.015	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-20.0-20170308	3/8/2017	8290	37871-00-4	HpCDD (total)	0.22	JqB	0.017	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.129	0.645	pg/g
4401791532	RIDB-20-30.0-20170308	3/8/2017	8290	39001-02-0	Octachlorodibenzofuran	0.70	JB	0.062	11	pg/g	J-	i,sp	IS %R; < PQL	22	40-135	%
4401791532	RIDB-20-30.0-20170308	3/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.23	JB	0.040	5.4	pg/g	J-	i,sp	IS %R; < PQL	33	40-135	%
4401791532	RIDB-20-30.0-20170308	3/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.099	JB	0.037	5.4	pg/g	J	bl,i,sp	MB contamination; IS %R; < PQL	0.0474; 36	0.237; 40-135	pg/g; %
4401791532	RIDB-20-30.0-20170308	3/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.17	Jq	0.011	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-30.0-20170308	3/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.080	J	0.028	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-20-30.0-20170308	3/8/2017	8290	55684-94-1	HxCDF (total)	0.15	JqB	0.026	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-30.0-20170308	3/8/2017	8290	37871-00-4	HpCDD (total)	0.23	JqB	0.037	5.4	pg/g	J	bl,i,k,sp	MB contamination; IS %R; EMPC; < PQL	0.129; 36	0.645; 40-135	pg/g; %
4401791532	RIDB-20-30.0-20170308	3/8/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.056	J	0.011	1.1	pg/g	J	sp	< PQL			
4401791532	RIDB-20-30.0-20170308	3/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.54	JB	0.077	11	pg/g	J	bl,i,sp	MB contamination; IS %R; < PQL	0.19; 22	0.95; 40-135	pg/g; %
4401791532	RIDB-20-30.0-20170308	3/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran		U	0.045	5.4	pg/g	UJ	i	IS %R	33	40-135	%
4401791532	RIDB-20-30.0-20170308	3/8/2017	8290	38998-75-3	HpCDF (total)	0.37	JqB	0.043	5.4	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	33	40-135	%
4401791532	RIDB-20-30.0-20170308	3/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.069	Jq	0.024	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	34465-46-8	HxCDD (total)	0.032	Jq	0.011	5.4	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	39001-02-0	Octachlorodibenzofuran	0.41	JB	0.022	11	pg/g	J	bl,sp	MB contamination; < PQL	0.0951	0.4755	pg/g
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.11	Jq	0.011	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.082	J	0.017	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	38998-75-3	HpCDF (total)	0.39	JqB	0.020	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.032	Jq	0.0095	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.053	J	0.015	5.4	pg/g	J	sp	< PQL			
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.087	JqB	0.021	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0267	0.1335	pg/g
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.037	Jq	0.011	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.31	JB	0.016	11	pg/g	J	bl,sp	MB contamination; < PQL	0.190	0.95	pg/g
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.18	JB	0.019	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0443	0.2215	pg/g
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	37871-00-4	HpCDD (total)	0.18	JqB	0.018	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.129	0.645	pg/g
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.050	JqB	0.016	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0227	0.1135	pg/g
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	30402-15-4	PeCDF (total)	0.12	Jq	0.018	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	55684-94-1	HxCDF (total)	0.22	JqB	0.016	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.095	JB	0.018	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0474	0.237	pg/g
4401791532	RIDB-20-30.0-20170308-FD	3/8/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.057	Jq	0.018	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	36088-22-9	PeCDD (total)	26	q	0.16	5.5	pg/g	J	k	EMPC			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.61	J	0.16	5.5	pg/g	J	sp	< PQL			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.2	JB	0.086	5.5	pg/g	J	sp	< PQL			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.0	JB	0.24	5.5	pg/g	J	sp	< PQL			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	4.2	J	0.37	5.5	pg/g	J	sp	< PQL			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.1	J	0.063	5.5	pg/g	J	sp	< PQL			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.5	J	0.057	5.5	pg/g	J	sp	< PQL			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	4.3	JB	0.042	11	pg/g	J	sp	< PQL			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	41903-57-5	TCDD (total)	5.2	qB	0.038	1.1	pg/g	J	k	EMPC			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.29	J	0.038	1.1	pg/g	J	sp	< PQL			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.51	J	0.077	5.5	pg/g	J	sp	< PQL			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	30402-15-4	PeCDF (total)	60	q	0.37	5.5	pg/g	J	k	EMPC			
4401791532	RIDB-20-5.0-20170307	3/7/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.3	J	0.24	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-1.0-20170309	3/9/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.5	J	0.13	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-1.0-20170309	3/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.6	J	0.095	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-1.0-20170309	3/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	5.3	JB	0.11	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-1.0-20170309	3/9/2017	8290	30402-14-3	Tetrachlorodibenzofuran	130	q	0.47	1.1	pg/g	J	k	EMPC			
4401792802	RIDB-17-1.0-20170309	3/9/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.5	J	0.21	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-1.0-20170309	3/9/2017	8290	36088-22-9	PeCDD (total)	23	q	0.21	5.5	pg/g	J	k	EMPC			
4401792802	RIDB-17-1.0-20170309	3/9/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.47	Jq	0.041	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-1.0-20170309	3/9/2017	8290	41903-57-5	TCDD (total)	13	q	0.041	1.1	pg/g	J	k	EMPC			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.9	JB	0.051	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	55684-94-1	HxCDF (total)	3.1	J	0.049	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.19	JqB	0.024	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	30402-15-4	PeCDF (total)	4.5	Jq	0.054	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.21	JqB	0.040	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0787	0.3935	pg/g
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.85	J	0.052	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.31	J	0.055	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	37871-00-4	HpCDD (total)	0.38	JqB	0.040	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.172	0.86	pg/g
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	34465-46-8	HxCDD (total)	1.7	JqB	0.025	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	36088-22-9	PeCDD (total)	0.91	Jq	0.031	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.043	Jq	0.031	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	41903-57-5	TCDD (total)	0.28	J	0.034	1.1	pg/g	J	sp	< PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	30402-14-3	Tetrachlorodibenzofuran	2.8	q	0.026	1.1	pg/g	J	k	EMPC			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.52	JqB	0.033	11	pg/g	J	bl,i,k,sp	MB contamination; IS %R; EMPC; < PQL	0.127; 33	0.635; 40-135	pg/g; %
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	38998-75-3	HpCDF (total)	3.8	JB	0.054	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	39001-02-0	Octachlorodibenzofuran	4.8	JB	0.070	11	pg/g	J-	i,sp	IS %R; < PQL	33	40-135	%
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.72	J	0.057	5.5	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.61	J	0.053	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.55	J	0.044	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.18	J	0.049	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.62	J	0.026	1.1	pg/g	J	sp	< PQL			
4401792802	RIDB-17-10.0-20170309	3/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.16	Jq	0.021	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.4	J	0.28	5.3	pg/g	J	sp	< PQL			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	4.1	JB	0.027	11	pg/g	J	sp	< PQL			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	41903-57-5	TCDD (total)	4.8	q	0.030	1.1	pg/g	J	k	EMPC			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.46	J	0.031	5.3	pg/g	J	sp	< PQL			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.1	JB	0.025	5.3	pg/g	J	sp	< PQL			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	55684-94-1	HxCDF (total)	110	q	0.27	5.3	pg/g	J	k	EMPC			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.1	JB	0.086	5.3	pg/g	J	sp	< PQL			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.9	J	0.28	5.3	pg/g	J	sp	< PQL			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.54	J	0.077	5.3	pg/g	J	sp	< PQL			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	4.7	J	0.38	5.3	pg/g	J	sp	< PQL			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	36088-22-9	PeCDD (total)	6.1	q	0.077	5.3	pg/g	J	k	EMPC			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.19	Jq	0.030	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-20.0-20170309	3/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.2	J	0.023	5.3	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	3.6	JB	0.035	14	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	4.8	J	0.26	7.2	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	37871-00-4	HpCDD (total)	5.5	JB	0.081	7.2	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	36088-22-9	PeCDD (total)	5.7	Jq	0.098	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	34465-46-8	HxCDD (total)	7.9	qB	0.034	7.2	pg/g	J	k	EMPC			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.43	J	0.098	7.2	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.0	J	0.39	7.2	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.3	JB	0.081	7.2	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	30402-14-3	Tetrachlorodibenzofuran	43	q	0.14	1.4	pg/g	J	k	EMPC			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.92	JqB	0.032	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.16	Jq	0.039	1.4	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.40	J	0.040	7.2	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	41903-57-5	TCDD (total)	3.8	q	0.039	1.4	pg/g	J	k	EMPC			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.95	J	0.029	7.2	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309	3/9/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.7	J	0.39	7.2	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	30402-14-3	Tetrachlorodibenzofuran	4.6	q	0.023	1.4	pg/g	J	k	EMPC			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.7	J	0.079	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	34465-46-8	HxCDD (total)	1.2	JqB	0.016	7.0	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	2.3	J	0.057	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	41903-57-5	TCDD (total)	0.45	Jq	0.027	1.4	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.16	Jq	0.014	7.0	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.083	Jq	0.019	7.0	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.95	J	0.053	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	39001-02-0	Octachlorodibenzofuran	9.8	JB	0.051	14	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.39	J	0.053	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.22	JqB	0.016	7.0	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.51	J	0.055	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	36088-22-9	PeCDD (total)	0.81	J	0.038	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.3	J	0.048	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	37871-00-4	HpCDD (total)	0.88	JqB	0.031	7.0	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	1.0	J	0.023	1.4	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4.4	JB	0.071	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.10	J	0.038	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	30402-15-4	PeCDF (total)	7.5	q	0.054	7.0	pg/g	J	k	EMPC			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.27	J	0.053	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.49	JB	0.031	7.0	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401792802	RIDB-17-30.0-20170309-FD	3/9/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.7	JB	0.027	14	pg/g	J	sp	< PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.45	JB	0.033	5.6	pg/g	J	sp	< PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.79	J	0.043	5.6	pg/g	J	sp	< PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.38	J	0.055	5.6	pg/g	J	sp	< PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	37871-00-4	HpCDD (total)	0.79	JB	0.033	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.172	0.86	pg/g
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.14	Jq	0.048	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.3	J	0.051	5.6	pg/g	J	sp	< PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	30402-15-4	PeCDF (total)	4.4	Jq	0.054	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	55684-94-1	HxCDF (total)	5.6	q	0.048	5.6	pg/g	J	k	EMPC			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.0	JB	0.066	5.6	pg/g	J	sp	< PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	41903-57-5	TCDD (total)	0.57	Jq	0.029	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.28	J	0.048	5.6	pg/g	J	sp	< PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.5	JB	0.052	5.6	pg/g	J	sp	< PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.53	J	0.029	1.1	pg/g	J	sp	< PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.67	JqB	0.031	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.127	0.635	pg/g
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	39001-02-0	Octachlorodibenzofuran	8.0	JB	0.072	11	pg/g	J	sp	< PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.51	J	0.054	5.6	pg/g	J	sp	< PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	30402-14-3	Tetrachlorodibenzofuran	2.4	q	0.029	1.1	pg/g	J	k	EMPC			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.50	J	0.047	5.6	pg/g	J	sp	< PQL			
4401792802	RIDB-17-5.0-20170309	3/9/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.2	J	0.073	5.6	pg/g	J	sp	< PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.3	JB	0.27	54	pg/g	J	sp	< PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.63	Jq	0.30	11	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	30	J	1.4	54	pg/g	J	sp	< PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	44	J	1.1	54	pg/g	J	sp	< PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.6	Jq	0.33	54	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	41903-57-5	TCDD (total)	14	q	0.30	11	pg/g	J	k	EMPC			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	16	JB	0.32	110	pg/g	J	sp	< PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.6	J	0.24	54	pg/g	J	sp	< PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	34465-46-8	HxCDD (total)	24	JBq	0.28	54	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	55684-94-1	HxCDF (total)	310	q	1.2	54	pg/g	J	k	EMPC			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	11	J	1.2	54	pg/g	J	sp	< PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	36088-22-9	PeCDD (total)	20	J	0.50	54	pg/g	J	sp	< PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	37871-00-4	HpCDD (total)	20	JB	0.43	54	pg/g	J	sp	< PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	15	J	1.5	54	pg/g	J	sp	< PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.5	J	0.50	54	pg/g	J	sp	< PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	6.7	J	1.2	54	pg/g	J	sp	< PQL			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	30402-14-3	Tetrachlorodibenzofuran	170	q	0.74	11	pg/g	J	k	EMPC			
4401792802	RIDB-2-0.5-20170309	3/9/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	13	JB	0.43	54	pg/g	J	sp	< PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	37871-00-4	HpCDD (total)	2.4	JB	0.046	5.8	pg/g	J	sp	< PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.5	JB	0.046	5.8	pg/g	J	sp	< PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	36088-22-9	PeCDD (total)	3.5	Jq	0.052	5.8	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	34465-46-8	HxCDD (total)	2.8	JBq	0.017	5.8	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.24	J	0.052	5.8	pg/g	J	sp	< PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.81	J	0.11	5.8	pg/g	J	sp	< PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	55684-94-1	HxCDF (total)	36	q	0.11	5.8	pg/g	J	k	EMPC			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.9	J	0.13	5.8	pg/g	J	sp	< PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.43	JB	0.016	5.8	pg/g	J	sp	< PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.8	JB	0.029	12	pg/g	J	sp	< PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.077	Jq	0.033	1.2	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	5.0	J	0.10	5.8	pg/g	J	sp	< PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	3.5	J	0.13	5.8	pg/g	J	sp	< PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.18	J	0.020	5.8	pg/g	J	sp	< PQL			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	41903-57-5	TCDD (total)	2.1	q	0.033	1.2	pg/g	J	k	EMPC			
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.46	J	0.014	5.8	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401792802	RIDB-2-10.0-20170309	3/9/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.1	Jq	0.11	5.8	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	41903-57-5	TCDD (total)	1.2	Jq	0.032	1.4	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.5	JB	0.028	14	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.26	JB	0.018	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.84	J	0.11	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.7	J	0.18	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.3	J	0.097	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.2	J	0.095	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.041	Jq	0.032	1.4	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.28	J	0.016	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.55	J	0.10	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.11	J	0.022	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	1.3	J	0.11	1.4	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	55684-94-1	HxCDF (total)	23	q	0.10	7.0	pg/g	J	k	EMPC			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	34465-46-8	HxCDD (total)	1.8	JBq	0.018	7.0	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.94	JB	0.041	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	30402-15-4	PeCDF (total)	16	q	0.098	7.0	pg/g	J	k	EMPC			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	5.6	J	0.11	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.16	J	0.046	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.2	J	0.10	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	37871-00-4	HpCDD (total)	1.6	JB	0.041	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	36088-22-9	PeCDD (total)	1.4	J	0.046	7.0	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309	3/9/2017	8290	30402-14-3	Tetrachlorodibenzofuran	12	q	0.054	1.4	pg/g	J	k	EMPC			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.8	J	0.18	8.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	7.6	J	0.12	8.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.21	J	0.042	8.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.38	J	0.031	8.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.4	J	0.19	8.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	37871-00-4	HpCDD (total)	2.3	JB	0.054	8.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	36088-22-9	PeCDD (total)	1.9	Jq	0.058	8.5	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	34465-46-8	HxCDD (total)	2.5	JBq	0.036	8.5	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.76	J	0.11	8.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	30402-15-4	PeCDF (total)	21	q	0.19	8.5	pg/g	J	k	EMPC			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	55684-94-1	HxCDF (total)	32	q	0.11	8.5	pg/g	J	k	EMPC			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.10	Jq	0.049	1.7	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	41903-57-5	TCDD (total)	1.5	Jq	0.049	1.7	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.20	Jq	0.058	8.5	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	4.4	J	0.10	8.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.5	JB	0.054	8.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	2.0	JB	0.036	17	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.40	JB	0.034	8.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.2	J	0.11	8.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	30402-14-3	Tetrachlorodibenzofuran	15	q	0.090	1.7	pg/g	J	k	EMPC			
4401792802	RIDB-2-20.0-20170309-FD	3/9/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	6.1	J	0.24	8.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.27	JBq	0.025	15	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.127	0.635	pg/g
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.049	J	0.021	1.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	38998-75-3	HpCDF (total)	0.32	JBq	0.026	7.7	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.045	J	0.015	7.7	pg/g	J	sp	< PQL			
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.064	J	0.016	7.7	pg/g	J	sp	< PQL			
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.084	Jq	0.027	7.7	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.065	JB	0.017	7.7	pg/g	J	bl,sp	MB contamination; < PQL	0.0141	0.0705	pg/g
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	37871-00-4	HpCDD (total)	0.20	JBq	0.028	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.172	0.86	pg/g
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.049	J	0.021	1.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	34465-46-8	HxCDD (total)	0.17	JBq	0.018	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0751	0.3755	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	55684-94-1	HxCDF (total)	0.28	Jq	0.017	7.7	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.060	Jq	0.017	7.7	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.088	J	0.019	7.7	pg/g	J	sp	< PQL			
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.16	JBq	0.025	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0529	0.2645	pg/g
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	39001-02-0	Octachlorodibenzofuran	0.38	JBq	0.038	15	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.273	1.365	pg/g
4401792802	RIDB-2-30.0-20170309	3/9/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.078	JBq	0.028	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0787	0.3935	pg/g
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.4	J	0.16	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	30402-15-4	PeCDF (total)	22	q	0.15	5.5	pg/g	J	k	EMPC			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.64	J	0.14	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.20	J	0.049	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	34465-46-8	HxCDD (total)	3.3	JBq	0.020	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.3	JB	0.032	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	37871-00-4	HpCDD (total)	2.0	JB	0.032	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.6	JB	0.028	11	pg/g	J	sp	< PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	36088-22-9	PeCDD (total)	3.3	Jq	0.049	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	30402-14-3	Tetrachlorodibenzofuran	19	q	0.053	1.1	pg/g	J	k	EMPC			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.42	JB	0.019	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.065	Jq	0.030	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	4.0	J	0.13	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.8	J	0.15	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.14	Jq	0.024	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	41903-57-5	TCDD (total)	1.8	q	0.030	1.1	pg/g	J	k	EMPC			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.40	J	0.017	5.5	pg/g	J	sp	< PQL			
4401792802	RIDB-2-5.0-20170309	3/9/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.90	J	0.14	5.5	pg/g	J	sp	< PQL			
4401794192	RIDB-15-1.0-20170310	3/10/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.9	J	0.14	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-15-1.0-20170310	3/10/2017	8290	36088-22-9	PeCDD (total)	44	q	0.35	5.4	pg/g	J	k	EMPC			
4401794192	RIDB-15-1.0-20170310	3/10/2017	8290	41903-57-5	TCDD (total)	14	q	0.15	1.1	pg/g	J	k	EMPC			
4401794192	RIDB-15-1.0-20170310	3/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.6	J	0.12	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-15-1.0-20170310	3/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	180	q	0.74	1.1	pg/g	J	k	EMPC			
4401794192	RIDB-15-1.0-20170310	3/10/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.7	J	0.35	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-15-1.0-20170310	3/10/2017	8290	30402-15-4	PeCDF (total)	270	q	1.3	5.4	pg/g	J	k	EMPC			
4401794192	RIDB-15-1.0-20170310	3/10/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.19	J	0.15	1.1	pg/g	J	sp	< PQL			
4401794192	RIDB-15-1.0-20170310	3/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	22	B	0.12	11	pg/g	J	bl	MB contamination	9.30	46.5	pg/g
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	37871-00-4	HpCDD (total)	1.9	JBq	0.083	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.951	4.755	pg/g
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	55684-94-1	HxCDF (total)	16	q	0.21	5.5	pg/g	J	k	EMPC			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.2	JB	0.083	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.538	2.69	pg/g
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	8.7	q	0.068	1.1	pg/g	J	k	EMPC			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	30402-15-4	PeCDF (total)	12	q	0.11	5.5	pg/g	J	k	EMPC			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.43	J	0.22	5.5	pg/g	J	sp	< PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.90	J	0.12	5.5	pg/g	J	sp	< PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	36088-22-9	PeCDD (total)	0.74	Jq	0.087	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	34465-46-8	HxCDD (total)	1.4	Jq	0.046	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.094	Jq	0.049	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.5	Jq	0.11	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.2	J	0.12	5.5	pg/g	J	sp	< PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.54	J	0.21	5.5	pg/g	J	sp	< PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.31	J	0.047	5.5	pg/g	J	sp	< PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	8.8	JB	0.11	11	pg/g	J	bl,sp	MB contamination; < PQL	9.30	46.5	pg/g
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.87	J	0.054	1.1	pg/g	J	sp	< PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	2.4	J	0.20	5.5	pg/g	J	sp	< PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	4.0	J	0.21	5.5	pg/g	J	sp	< PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	41903-57-5	TCDD (total)	0.27	Jq	0.087	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-10.0-20170310	3/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.30	J	0.041	5.5	pg/g	J	sp	< PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.68	J	0.095	5.3	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	6.9	JB	0.089	11	pg/g	J	bl,sp	MB contamination; < PQL	9.30	46.5	pg/g
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.52	J	0.041	1.1	pg/g	J	sp	< PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.18	J	0.044	5.3	pg/g	J	sp	< PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.17	J	0.099	5.3	pg/g	J	sp	< PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.19	Jq	0.039	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	41903-57-5	TCDD (total)	0.16	Jq	0.081	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.37	Jq	0.064	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	55684-94-1	HxCDF (total)	4.5	Jq	0.099	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	38998-75-3	HpCDF (total)	5.8	q	0.068	5.3	pg/g	J	k	EMPC			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	3.2	q	0.041	1.1	pg/g	J	k	EMPC			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	39001-02-0	Octachlorodibenzofuran	7.7	JB	0.089	11	pg/g	J	sp	< PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.0	J	0.061	5.3	pg/g	J	sp	< PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.26	J	0.065	5.3	pg/g	J	sp	< PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	37871-00-4	HpCDD (total)	1.0	JBq	0.069	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.951	4.755	pg/g
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	34465-46-8	HxCDD (total)	0.72	Jq	0.043	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	30402-15-4	PeCDF (total)	3.3	Jq	0.065	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.1	J	0.10	5.3	pg/g	J	sp	< PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.53	JBq	0.069	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.538	2.69	pg/g
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.0	J	0.074	5.3	pg/g	J	sp	< PQL			
4401794192	RIDB-15-20.0-20170310	3/10/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.14	Jq	0.10	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.10	Jq	0.051	7.4	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	139	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	30402-15-4	PeCDF (total)	1.2	Jq	0.050	7.4	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	139	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.44	J	0.10	7.4	pg/g	J+	i,sp	IS %R; < PQL	151	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.18	J	0.10	7.4	pg/g	J+	i,sp	IS %R; < PQL	151	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.96	Jq	0.046	1.5	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	155	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.44	JBq	0.061	7.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.538	2.69	pg/g
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	55684-94-1	HxCDF (total)	1.2	Jq	0.10	7.4	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	151	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.3	J	0.040	7.4	pg/g	J	sp	< PQL			
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	34465-46-8	HxCDD (total)	0.52	Jq	0.041	7.4	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	143	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.20	J	0.046	1.5	pg/g	J+	i,sp	IS %R; < PQL	155	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	37871-00-4	HpCDD (total)	0.96	JBq	0.061	7.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.951	4.755	pg/g
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.29	Jq	0.096	7.4	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	151	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	8.1	JB	0.097	15	pg/g	J	bl,sp	MB contamination; < PQL	9.30	46.5	pg/g
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.10	Jq	0.042	7.4	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	143	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran		U	0.10	7.4	pg/g	UJ	i	IS %R	151	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	39001-02-0	Octachlorodibenzofuran	3.5	JB	0.081	15	pg/g	J	bl,sp	MB contamination; < PQL	1.25	6.25	pg/g
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.58	J	0.049	7.4	pg/g	J	sp	< PQL			
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	38998-75-3	HpCDF (total)	2.7	J	0.044	7.4	pg/g	J	sp	< PQL			
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.23	Jq	0.050	7.4	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	139	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.13	Jq	0.037	7.4	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	143	40-135	%
4401794192	RIDB-15-30.0-20170310	3/10/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin		U	0.044	7.4	pg/g	UJ	i	IS %R	143	40-135	%
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	37871-00-4	HpCDD (total)	1.1	JBq	0.073	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.951	4.755	pg/g
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.17	J	0.060	5.6	pg/g	J	sp	< PQL			
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	41903-57-5	TCDD (total)	0.15	Jq	0.077	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	38998-75-3	HpCDF (total)	0.77	Jq	0.054	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.11	Jq	0.038	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.63	J	0.12	5.6	pg/g	J	sp	< PQL			
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	7.1	JB	0.11	11	pg/g	J	bl,sp	MB contamination; < PQL	9.30	46.5	pg/g
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	39001-02-0	Octachlorodibenzofuran	1.8	JB	0.080	11	pg/g	J	bl,sp	MB contamination; < PQL	1.25	6.25	pg/g
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.21	J	0.053	5.6	pg/g	J	sp	< PQL			
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	36088-22-9	PeCDD (total)	1.9	Jq	0.090	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	34465-46-8	HxCDD (total)	0.11	Jq	0.041	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	30402-15-4	PeCDF (total)	0.37	J	0.052	5.6	pg/g	J	sp	< PQL			
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	55684-94-1	HxCDF (total)	0.63	J	0.12	5.6	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.54	JB	0.073	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.538	2.69	pg/g
4401794192	RIDB-15-5.0-20170310	3/10/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.36	J	0.049	5.6	pg/g	J	sp	< PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	37871-00-4	HpCDD (total)	25	JB	2.0	52	pg/g	J	sp	< PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	14	Jq	2.1	52	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	55684-94-1	HxCDF (total)	290	q	3.0	52	pg/g	J	k	EMPC			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	16	JB	2.0	52	pg/g	J	sp	< PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	130	q	1.2	10	pg/g	J	k	EMPC			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	7.2	J	3.1	52	pg/g	J	sp	< PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	30402-15-4	PeCDF (total)	230	q	2.0	52	pg/g	J	k	EMPC			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.7	Jq	0.93	52	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.4	Jq	0.79	52	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	41903-57-5	TCDD (total)	5.0	J	1.3	10	pg/g	J	sp	< PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	44	J	2.8	52	pg/g	J	sp	< PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	30	J	2.0	52	pg/g	J	sp	< PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	10	J	3.0	52	pg/g	J	sp	< PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.1	J	0.89	52	pg/g	J	sp	< PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	36088-22-9	PeCDD (total)	8.3	Jq	1.5	52	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-0.5-20170310	3/10/2017	8290	34465-46-8	HxCDD (total)	20	Jq	0.87	52	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.40	J	0.17	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.6	J	0.15	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.3	J	0.28	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	10	JB	0.16	11	pg/g	J	bl,sp	MB contamination; < PQL	9.30	46.5	pg/g
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.64	J	0.30	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.2	J	0.15	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.6	J	0.099	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	41903-57-5	TCDD (total)	0.74	Jq	0.11	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	36088-22-9	PeCDD (total)	1.8	Jq	0.17	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	34465-46-8	HxCDD (total)	9.3	q	0.097	5.4	pg/g	J	k	EMPC			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.79	J	0.31	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	30402-15-4	PeCDF (total)	21	q	0.15	5.4	pg/g	J	k	EMPC			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	55684-94-1	HxCDF (total)	22	q	0.30	5.4	pg/g	J	k	EMPC			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.7	JB	0.17	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.538	2.69	pg/g
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	13	q	0.095	1.1	pg/g	J	k	EMPC			
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	37871-00-4	HpCDD (total)	2.5	JqB	0.17	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.951	4.755	pg/g
4401794192	RIDB-3-10.0-20170310	3/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	5.0	J	0.19	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.2	J	0.15	6.2	pg/g	J	sp	< PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.5	J	0.24	6.2	pg/g	J	sp	< PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.42	Jq	0.24	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	30402-15-4	PeCDF (total)	3.7	Jq	0.18	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.4	JB	0.32	6.2	pg/g	J	bl,sp	MB contamination; < PQL	0.538	2.69	pg/g
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	55684-94-1	HxCDF (total)	4.7	Jq	0.23	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	3.2	q	0.096	1.2	pg/g	J	k	EMPC			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	37871-00-4	HpCDD (total)	2.1	JqB	0.32	6.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.951	4.755	pg/g
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.52	Jq	0.090	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	34465-46-8	HxCDD (total)	0.76	Jq	0.099	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	38998-75-3	HpCDF (total)	6.1	Jq	0.17	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.64	J	0.096	1.2	pg/g	J	sp	< PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.24	Jq	0.10	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	10	JB	0.18	12	pg/g	J	bl,sp	MB contamination; < PQL	9.30	46.5	pg/g
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	39001-02-0	Octachlorodibenzofuran	9.0	JB	0.17	12	pg/g	J	sp	< PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.6	J	0.18	6.2	pg/g	J	sp	< PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.59	Jq	0.18	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-20.0-20170310	3/10/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.72	Jq	0.22	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.3	J	0.16	7.3	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	6.9	J	0.16	7.3	pg/g	J	sp	< PQL			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	1.1	Jq	0.12	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	15	B	0.22	15	pg/g	J	bl	MB contamination	9.30	46.5	pg/g
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.7	Jq	0.27	7.3	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.3	J	0.18	7.3	pg/g	J	sp	< PQL			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.8	J	0.20	7.3	pg/g	J	sp	< PQL			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	6.3	J	0.14	7.3	pg/g	J	sp	< PQL			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	37871-00-4	HpCDD (total)	2.1	JqB	0.25	7.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.951	4.755	pg/g
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	36088-22-9	PeCDD (total)	0.65	Jq	0.20	7.3	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.2	J	0.30	7.3	pg/g	J	sp	< PQL			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	2.8	J	0.29	7.3	pg/g	J	sp	< PQL			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	30402-15-4	PeCDF (total)	8.4	q	0.18	7.3	pg/g	J	k	EMPC			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	55684-94-1	HxCDF (total)	11	q	0.29	7.3	pg/g	J	k	EMPC			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.2	JB	0.25	7.3	pg/g	J	bl,sp	MB contamination; < PQL	0.538	2.69	pg/g
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	5.2	q	0.12	1.5	pg/g	J	k	EMPC			
4401794192	RIDB-3-30.0-20170310	3/10/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.59	J	0.18	7.3	pg/g	J	sp	< PQL			
4401794192	RIDB-3-5.0-20170310	3/10/2017	8290	34465-46-8	HxCDD (total)	1.4	Jq	0.087	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-5.0-20170310	3/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.49	Jq	0.073	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-5.0-20170310	3/10/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.96	J	0.094	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-5.0-20170310	3/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.86	J	0.079	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-5.0-20170310	3/10/2017	8290	36088-22-9	PeCDD (total)	0.38	J	0.15	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-5.0-20170310	3/10/2017	8290	39001-02-0	Octachlorodibenzofuran	3.4	JB	0.13	11	pg/g	J	bl,sp	MB contamination; < PQL	1.25	6.25	pg/g
4401794192	RIDB-3-5.0-20170310	3/10/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.34	J	0.089	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-5.0-20170310	3/10/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.27	J	0.073	1.1	pg/g	J	sp	< PQL			
4401794192	RIDB-3-5.0-20170310	3/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	10	JB	0.17	11	pg/g	J	bl,sp	MB contamination; < PQL	9.30	46.5	pg/g
4401794192	RIDB-3-5.0-20170310	3/10/2017	8290	38998-75-3	HpCDF (total)	2.2	Jq	0.10	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401794192	RIDB-3-5.0-20170310	3/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.45	J	0.11	5.4	pg/g	J	sp	< PQL			
4401794192	RIDB-3-5.0-20170310	3/10/2017	8290	37871-00-4	HpCDD (total)	0.63	JB	0.17	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.951	4.755	pg/g
4401794562	RI-16-10.0-20170312	3/12/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.14	Jq	0.095	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.059	Jq	0.036	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	39001-02-0	Octachlorodibenzofuran	6.5	JB	0.052	11	pg/g	J	sp	< PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.90	JqB	0.040	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.53	J	0.047	5.3	pg/g	J	sp	< PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.58	J	0.091	5.3	pg/g	J	sp	< PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	8.8	JB	0.058	11	pg/g	J	bl,sp	MB contamination; < PQL	4.93	24.65	pg/g
4401794562	RI-16-10.0-20170312	3/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.22	JB	0.035	5.3	pg/g	J	sp	< PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	55684-94-1	HxCDF (total)	4.1	JqB	0.096	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.39	JB	0.031	5.3	pg/g	J	sp	< PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.39	J	0.038	1.1	pg/g	J	sp	< PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	37871-00-4	HpCDD (total)	1.4	JB	0.041	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.650	3.25	pg/g
4401794562	RI-16-10.0-20170312	3/12/2017	8290	36088-22-9	PeCDD (total)	0.18	Jq	0.053	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.23	Jq	0.048	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.3	JB	0.033	5.3	pg/g	J	sp	< PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.0	J	0.097	5.3	pg/g	J	sp	< PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.26	JB	0.099	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0657	0.3285	pg/g
4401794562	RI-16-10.0-20170312	3/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.8	q	0.038	1.1	pg/g	J	k	EMPC			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.79	JB	0.041	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.343	1.715	pg/g
4401794562	RI-16-10.0-20170312	3/12/2017	8290	34465-46-8	HxCDD (total)	0.67	JqB	0.034	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	38998-75-3	HpCDF (total)	4.8	JqB	0.037	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	30402-15-4	PeCDF (total)	2.7	Jq	0.048	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-10.0-20170312	3/12/2017	8290	41903-57-5	TCDD (total)	0.18	Jq	0.034	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.93	JB	0.022	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	30402-15-4	PeCDF (total)	1.3	Jq	0.035	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.47	J	0.053	5.5	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794562	RI-16-20.0-20170312	3/12/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.13	JqB	0.054	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0657	0.3285	pg/g
4401794562	RI-16-20.0-20170312	3/12/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.085	J	0.055	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	34465-46-8	HxCDD (total)	0.35	JqB	0.026	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0758	0.379	pg/g
4401794562	RI-16-20.0-20170312	3/12/2017	8290	36088-22-9	PeCDD (total)	0.085	J	0.055	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.14	J	0.035	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	55684-94-1	HxCDF (total)	1.8	JqB	0.052	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	38998-75-3	HpCDF (total)	2.0	JB	0.024	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	37871-00-4	HpCDD (total)	1.0	JB	0.025	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.650	3.25	pg/g
4401794562	RI-16-20.0-20170312	3/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.12	JqB	0.027	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.53	JB	0.025	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.343	1.715	pg/g
4401794562	RI-16-20.0-20170312	3/12/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.26	J	0.032	1.1	pg/g	J	sp	< PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.10	J	0.051	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	39001-02-0	Octachlorodibenzofuran	2.5	JB	0.039	11	pg/g	J	sp	< PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.40	JB	0.026	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.25	Jq	0.049	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.052	J	0.028	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.17	JB	0.024	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0531	0.2655	pg/g
4401794562	RI-16-20.0-20170312	3/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.1	q	0.032	1.1	pg/g	J	k	EMPC			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.30	Jq	0.035	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-20.0-20170312	3/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	8.0	JB	0.051	11	pg/g	J	bl,sp	MB contamination; < PQL	4.93	24.65	pg/g
4401794562	RI-16-30.0-20170312	3/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.18	JqB	0.024	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	38998-75-3	HpCDF (total)	0.63	JqB	0.018	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.305	1.525	pg/g
4401794562	RI-16-30.0-20170312	3/12/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.083	Jq	0.025	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	39001-02-0	Octachlorodibenzofuran	0.90	JB	0.032	11	pg/g	J	bl,sp	MB contamination; < PQL	0.441	2.205	pg/g
4401794562	RI-16-30.0-20170312	3/12/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.15	JB	0.020	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0437	0.2185	pg/g
4401794562	RI-16-30.0-20170312	3/12/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.096	Jq	0.022	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	5.6	JB	0.038	11	pg/g	J	bl,sp	MB contamination; < PQL	4.93	24.65	pg/g
4401794562	RI-16-30.0-20170312	3/12/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.058	J	0.024	1.1	pg/g	J	sp	< PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.17	JB	0.021	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0531	0.2655	pg/g
4401794562	RI-16-30.0-20170312	3/12/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.16	J	0.036	5.6	pg/g	J	sp	< PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.080	Jq	0.022	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	55684-94-1	HxCDF (total)	0.71	JqB	0.038	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.11	J	0.038	5.6	pg/g	J	sp	< PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	36088-22-9	PeCDD (total)	0.076	Jq	0.041	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	34465-46-8	HxCDD (total)	0.43	JqB	0.024	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.29	JqB	0.016	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.132	0.66	pg/g
4401794562	RI-16-30.0-20170312	3/12/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.076	Jq	0.041	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	30402-15-4	PeCDF (total)	0.23	Jq	0.022	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.18	J	0.039	5.6	pg/g	J	sp	< PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.20	JB	0.039	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0657	0.3285	pg/g
4401794562	RI-16-30.0-20170312	3/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.058	J	0.024	1.1	pg/g	J	sp	< PQL			
4401794562	RI-16-30.0-20170312	3/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.36	JB	0.020	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.343	1.715	pg/g
4401794562	RI-16-30.0-20170312	3/12/2017	8290	37871-00-4	HpCDD (total)	0.68	JB	0.020	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.650	3.25	pg/g
4401794562	RI-16-5.0-20170312	3/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	35	q	0.16	1.1	pg/g	J	k	EMPC			
4401794562	RI-16-5.0-20170312	3/12/2017	8290	30402-15-4	PeCDF (total)	49	q	0.19	5.5	pg/g	J	k	EMPC			
4401794562	RI-16-5.0-20170312	3/12/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	3.7	J	0.19	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-5.0-20170312	3/12/2017	8290	36088-22-9	PeCDD (total)	3.5	Jq	0.096	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-5.0-20170312	3/12/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.47	Jq	0.096	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RI-16-5.0-20170312	3/12/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.5	JB	0.39	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-5.0-20170312	3/12/2017	8290	41903-57-5	TCDD (total)	2.4	q	0.065	1.1	pg/g	J	k	EMPC			
4401794562	RI-16-5.0-20170312	3/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.0	JB	0.039	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-5.0-20170312	3/12/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.43	J	0.046	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-5.0-20170312	3/12/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2.2	J	0.38	5.5	pg/g	J	sp	< PQL			
4401794562	RI-16-5.0-20170312	3/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.5	JB	0.045	5.5	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794562	RI-16-5.0-20170312	3/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	23	B	0.054	11	pg/g	J	bl	MB contamination	4.93	24.65	pg/g
4401794562	RI-16-5.0-20170312	3/12/2017	8290	55684-94-1	HxCDF (total)	71	qB	0.38	5.5	pg/g	J	k	EMPC			
4401794562	RI-16-5.0-20170312	3/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.90	JB	0.044	5.5	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.7	JB	0.19	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.1	J	0.20	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	39001-02-0	Octachlorodibenzofuran	91	JB	0.20	100	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	14	JB	0.27	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	5.6	J	0.32	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	8.8	J	0.62	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	5.9	J	0.21	10	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.0	J	0.65	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.94	Jq	0.25	52	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	41903-57-5	TCDD (total)	1.4	Jq	0.20	10	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	69	JB	0.50	100	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	7.4	JB	0.25	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	30402-14-3	Tetrachlorodibenzofuran	32	q	0.21	10	pg/g	J	k	EMPC			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	55684-94-1	HxCDF (total)	57	qB	0.65	52	pg/g	J	k	EMPC			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.6	JB	0.67	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	30402-15-4	PeCDF (total)	42	Jq	0.33	52	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	32	JB	0.22	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	3.2	J	0.33	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	37871-00-4	HpCDD (total)	11	JB	0.25	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	36088-22-9	PeCDD (total)	3.9	Jq	0.25	52	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	34465-46-8	HxCDD (total)	7.6	JqB	0.19	52	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.1	JB	0.17	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-0.5-20170311	3/11/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	13	J	0.66	52	pg/g	J	sp	< PQL			
4401794562	RIDB-5-10.0-20170311	3/11/2017	8290	41903-57-5	TCDD (total)	28	q	0.073	1.1	pg/g	J	k	EMPC			
4401794562	RIDB-5-10.0-20170311	3/11/2017	8290	36088-22-9	PeCDD (total)	34	q	0.24	5.7	pg/g	J	k	EMPC			
4401794562	RIDB-5-10.0-20170311	3/11/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3.7	J	0.24	5.7	pg/g	J	sp	< PQL			
4401794562	RIDB-5-10.0-20170311	3/11/2017	8290	30402-14-3	Tetrachlorodibenzofuran	320	Gq	1.2	1.2	pg/g	J	k	EMPC			
4401794562	RIDB-5-10.0-20170311	3/11/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3.1	J	0.082	5.7	pg/g	J	sp	< PQL			
4401794562	RIDB-5-10.0-20170311	3/11/2017	8290	30402-15-4	PeCDF (total)	460	q	2.6	5.7	pg/g	J	k	EMPC			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.38	JB	0.024	6.2	pg/g	J	sp	< PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.79	J	0.22	6.2	pg/g	J	sp	< PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.32	JB	0.027	6.2	pg/g	J	sp	< PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	11	JB	0.060	12	pg/g	J	bl,sp	MB contamination; < PQL	4.93	24.65	pg/g
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.072	Jq	0.026	1.2	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	5.3	JB	0.073	6.2	pg/g	J	sp	< PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.5	J	0.11	6.2	pg/g	J	sp	< PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.16	J	0.028	6.2	pg/g	J	sp	< PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	41903-57-5	TCDD (total)	1.3	q	0.026	1.2	pg/g	J	k	EMPC			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	37871-00-4	HpCDD (total)	2.4	JB	0.028	6.2	pg/g	J	sp	< PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	55684-94-1	HxCDF (total)	25	qB	0.22	6.2	pg/g	J	k	EMPC			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	36088-22-9	PeCDD (total)	1.5	Jq	0.041	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.4	J	0.11	6.2	pg/g	J	sp	< PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.19	J	0.041	6.2	pg/g	J	sp	< PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	30402-15-4	PeCDF (total)	20	q	0.11	6.2	pg/g	J	k	EMPC			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	5.8	J	0.23	6.2	pg/g	J	sp	< PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	34465-46-8	HxCDD (total)	1.8	JqB	0.026	6.2	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.85	JB	0.23	6.2	pg/g	J	sp	< PQL			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	30402-14-3	Tetrachlorodibenzofuran	15	q	0.067	1.2	pg/g	J	k	EMPC			
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.5	JB	0.028	6.2	pg/g	J	bl,sp	MB contamination; < PQL	0.343	1.715	pg/g
4401794562	RIDB-5-20.0-20170311	3/11/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.6	J	0.21	6.2	pg/g	J	sp	< PQL			
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	38998-75-3	HpCDF (total)	2.5	JqB	0.052	8.4	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	55684-94-1	HxCDF (total)	1.8	JqB	0.11	8.4	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.1	JB	0.047	8.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	37871-00-4	HpCDD (total)	1.6	JB	0.073	8.4	pg/g	J	bl,sp	MB contamination; < PQL	0.650	3.25	pg/g
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	34465-46-8	HxCDD (total)	0.12	JqB	0.058	8.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0758	0.379	pg/g
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.25	JB	0.12	8.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0657	0.3285	pg/g
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.52	J	0.11	8.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	30402-15-4	PeCDF (total)	0.80	J	0.078	8.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.27	Jq	0.088	1.7	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.40	Jq	0.088	1.7	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.12	JqB	0.053	8.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0531	0.2655	pg/g
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.27	Jq	0.11	8.4	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.35	J	0.077	8.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.50	JB	0.057	8.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	39001-02-0	Octachlorodibenzofuran	3.3	JB	0.10	17	pg/g	J	sp	< PQL			
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.83	JB	0.073	8.4	pg/g	J	bl,sp	MB contamination; < PQL	0.343	1.715	pg/g
4401794562	RIDB-5-30.0-20170311	3/11/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	12	JB	0.11	17	pg/g	J	bl,sp	MB contamination; < PQL	4.93	24.65	pg/g
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	39001-02-0	Octachlorodibenzofuran	110	B	0.033	11	pg/g	J	fd	FD RPD	56	50	%
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	18	B	0.14	5.4	pg/g	J	fd	FD RPD	62	50	%
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	11		0.34	5.4	pg/g	J	fd	FD RPD	63	50	%
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.13	Jq	0.028	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	3.4		0.13	1.1	pg/g	J	fd	FD RPD	52	50	%
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.1	JB	0.036	11	pg/g	J	bl,sp	MB contamination; < PQL	4.93	24.65	pg/g
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2.2	J	0.36	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.41	J	0.023	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	37871-00-4	HpCDD (total)	5.1	JB	0.026	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.91	JB	0.022	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.43	J	0.055	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	43	B	0.12	5.4	pg/g	J	fd	FD RPD	61	50	%
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	41903-57-5	TCDD (total)	3.6	q	0.028	1.1	pg/g	J	k	EMPC			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	3.4	J	0.36	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	30402-15-4	PeCDF (total)	54	q	0.35	5.4	pg/g	J	k	EMPC			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	15		0.37	5.4	pg/g	J	fd	FD RPD	68	50	%
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.1	JB	0.37	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.3	JB	0.026	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	55684-94-1	HxCDF (total)	74	qB	0.36	5.4	pg/g	J	k	EMPC			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.0	JB	0.019	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311	3/11/2017	8290	36088-22-9	PeCDD (total)	4.6	Jq	0.055	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	23	B	0.074	5.4	pg/g	J	fd	FD RPD	61	50	%
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.2	JB	0.26	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.8	JB	0.022	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	30402-15-4	PeCDF (total)	27	q	0.16	5.4	pg/g	J	k	EMPC			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	7.4		0.26	5.4	pg/g	J	fd	FD RPD	68	50	%
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.24	J	0.035	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	34465-46-8	HxCDD (total)	3.3	JB	0.019	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	36088-22-9	PeCDD (total)	2.2	Jq	0.035	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.8	J	0.16	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.64	JB	0.017	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	37871-00-4	HpCDD (total)	2.9	JB	0.022	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	7.3	JB	0.045	11	pg/g	J	bl,sp	MB contamination; < PQL	4.93	24.65	pg/g
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	41903-57-5	TCDD (total)	1.7	q	0.026	1.1	pg/g	J	k	EMPC			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	30402-14-3	Tetrachlorodibenzofuran	20	q	0.093	1.1	pg/g	J	k	EMPC			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.035	J	0.026	1.1	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.54	JB	0.019	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.3	J	0.25	5.4	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	2.0		0.14	1.1	pg/g	J	fd	FD RPD	52	50	%
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	39001-02-0	Octachlorodibenzofuran	62	B	0.026	11	pg/g	J	fd	FD RPD	56	50	%
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	9.5	B	0.090	5.4	pg/g	J	fd	FD RPD	62	50	%
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	3.8	J	0.16	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	5.7		0.24	5.4	pg/g	J	fd	FD RPD	63	50	%
4401794562	RIDB-5-5.0-20170311-FD	3/11/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.23	J	0.020	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	5.8	J	0.77	11	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	41903-57-5	TCDD (total)	3.9	Jq	0.27	11	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.7	JB	0.20	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	24	JB	0.37	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	17	J	0.91	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	11	J	0.67	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.82	J	0.20	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.5	JB	0.17	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	38	JB	0.37	110	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	37871-00-4	HpCDD (total)	12	JB	0.18	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	55684-94-1	HxCDF (total)	120	qB	0.95	53	pg/g	J	k	EMPC			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.4	J	0.95	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	36088-22-9	PeCDD (total)	6.4	Jq	0.31	53	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	5.6	J	0.68	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	34465-46-8	HxCDD (total)	10	JqB	0.19	53	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.76	J	0.31	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	28	J	0.97	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	3.2	JB	0.99	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	30402-15-4	PeCDF (total)	88	q	0.68	53	pg/g	J	k	EMPC			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	65	q	0.40	11	pg/g	J	k	EMPC			
4401794562	RIDB-7-0.5-20170312	3/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	6.8	JB	0.18	53	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.75	J	0.19	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	37871-00-4	HpCDD (total)	13	JB	0.22	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	36088-22-9	PeCDD (total)	5.5	Jq	0.39	52	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	34465-46-8	HxCDD (total)	9.5	JqB	0.18	52	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.98	J	0.39	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	3.3	JB	0.97	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	26	J	0.95	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	7.6	JB	0.22	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	5.7	J	0.60	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	62	JB	0.33	100	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.7	JB	0.16	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	16	J	0.89	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	12	J	0.59	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	23	JB	0.33	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.5	J	0.93	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.8	JB	0.18	52	pg/g	J	sp	< PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	59	q	0.35	10	pg/g	J	k	EMPC			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	41903-57-5	TCDD (total)	4.3	Jq	0.26	10	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-7-0.5-20170312-FD	3/12/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	5.6	J	0.91	10	pg/g	J	sp	< PQL			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	41903-57-5	TCDD (total)	4.1	q	0.064	1.1	pg/g	J	k	EMPC			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.40	J	0.046	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.065	J	0.064	1.1	pg/g	J	sp	< PQL			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.7	JB	0.059	11	pg/g	J	bl,sp	MB contamination; < PQL	4.93	24.65	pg/g
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.84	JB	0.044	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.98	JB	0.039	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2.3	J	0.53	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.1	JB	0.045	5.4	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	56	q	0.25	1.1	pg/g	J	k	EMPC			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.9	JB	0.56	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.46	J	0.099	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	3.7	J	0.39	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	36088-22-9	PeCDD (total)	4.3	J	0.099	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	55684-94-1	HxCDF (total)	73	Bq	0.54	5.4	pg/g	J	k	EMPC			
4401794562	RIDB-7-10.0-20170312	3/12/2017	8290	37871-00-4	HpCDD (total)	4.9	JB	0.045	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.089	JB	0.022	6.7	pg/g	J	bl,sp	MB contamination; < PQL	0.0531	0.2655	pg/g
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.27	JB	0.021	6.7	pg/g	J	bl,sp	MB contamination; < PQL	0.132	0.66	pg/g
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	37871-00-4	HpCDD (total)	0.85	JB	0.025	6.7	pg/g	J	bl,sp	MB contamination; < PQL	0.650	3.25	pg/g
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	34465-46-8	HxCDD (total)	0.15	JBq	0.025	6.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0758	0.379	pg/g
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.086	JB	0.048	6.7	pg/g	J	bl,sp	MB contamination; < PQL	0.0657	0.3285	pg/g
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	55684-94-1	HxCDF (total)	0.14	JBq	0.047	6.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0657	0.3285	pg/g
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.44	JB	0.025	6.7	pg/g	J	bl,sp	MB contamination; < PQL	0.343	1.715	pg/g
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	38998-75-3	HpCDF (total)	0.55	JBq	0.024	6.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.305	1.525	pg/g
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	39001-02-0	Octachlorodibenzofuran	0.87	JB	0.044	13	pg/g	J	bl,sp	MB contamination; < PQL	0.441	2.205	pg/g
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.054	Jq	0.044	6.7	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.11	JBq	0.026	6.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0437	0.2185	pg/g
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.063	JBq	0.025	6.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0227	0.1135	pg/g
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	5.9	JB	0.046	13	pg/g	J	bl,sp	MB contamination; < PQL	4.93	24.65	pg/g
4401794562	RIDB-7-20.0-20170312	3/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.058	Jq	0.027	1.3	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	38998-75-3	HpCDF (total)	0.75	JB	0.041	9.1	pg/g	J	bl,sp	MB contamination; < PQL	0.305	1.525	pg/g
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.14	JB	0.045	9.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0437	0.2185	pg/g
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.12	J	0.050	1.8	pg/g	J	sp	< PQL			
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.24	J	0.10	9.1	pg/g	J	sp	< PQL			
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	39001-02-0	Octachlorodibenzofuran	1.4	JB	0.077	18	pg/g	J	bl,sp	MB contamination; < PQL	0.441	2.205	pg/g
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	55684-94-1	HxCDF (total)	0.33	JBq	0.11	9.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0657	0.3285	pg/g
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.72	JB	0.053	9.1	pg/g	J	bl,sp	MB contamination; < PQL	0.343	1.715	pg/g
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	34465-46-8	HxCDD (total)	0.085	JB	0.043	9.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0758	0.379	pg/g
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.12	J	0.050	1.8	pg/g	J	sp	< PQL			
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	37871-00-4	HpCDD (total)	1.3	JBq	0.053	9.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.650	3.25	pg/g
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.32	JB	0.037	9.1	pg/g	J	bl,sp	MB contamination; < PQL	0.132	0.66	pg/g
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.2	JB	0.074	18	pg/g	J	bl,sp	MB contamination; < PQL	4.93	24.65	pg/g
4401794562	RIDB-7-30.0-20170312	3/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.085	JB	0.039	9.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0531	0.2655	pg/g
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.6	J	0.13	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.7	JB	0.028	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.343	1.715	pg/g
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.90	JB	0.24	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.23	J	0.053	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	34465-46-8	HxCDD (total)	2.8	JB	0.022	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	37871-00-4	HpCDD (total)	2.8	JB	0.028	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	20	q	0.11	1.1	pg/g	J	k	EMPC			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	36088-22-9	PeCDD (total)	1.9	Jq	0.053	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.035	J	0.028	1.1	pg/g	J	sp	< PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.54	JB	0.020	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.18	J	0.024	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	4.9	J	0.23	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	3.4	J	0.12	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.1	J	0.23	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.45	JB	0.023	5.4	pg/g	J	sp	< PQL			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	7.2	JB	0.039	11	pg/g	J	bl,sp	MB contamination; < PQL	4.93	24.65	pg/g
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	41903-57-5	TCDD (total)	1.7	q	0.028	1.1	pg/g	J	k	EMPC			
4401794562	RIDB-7-5.0-20170312	3/12/2017	8290	30402-15-4	PeCDF (total)	25	q	0.12	5.4	pg/g	J	k	EMPC			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.17	JBq	0.016	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.9	JB	0.072	5.6	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.13	JBq	0.037	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	39001-02-0	Octachlorodibenzofuran	3.4	JB	0.024	11	pg/g	J	sp	< PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.51	JB	0.032	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.26	JB	0.028	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.31	JB	0.034	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.60	JBq	0.015	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.343	1.715	pg/g
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.18	JBq	0.037	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0504	0.252	pg/g
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.4	JB	0.029	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	38998-75-3	HpCDF (total)	2.8	JBq	0.030	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.58	JB	0.028	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	30402-15-4	PeCDF (total)	1.3	JBq	0.028	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.50	JB	0.040	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.12	JB	0.028	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.93	JBq	0.016	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	37871-00-4	HpCDD (total)	0.92	JB	0.028	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	55684-94-1	HxCDF (total)	2.0	JBq	0.037	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-1.0-20170314	3/14/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.58	JB	0.064	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	36088-22-9	PeCDD (total)	1.4	J	0.038	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.074	JBq	0.013	1.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0320	0.16	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	34465-46-8	HxCDD (total)	0.85	JBq	0.017	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.051	JB	0.023	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0504	0.252	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.036	JBq	0.025	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0189	0.0945	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	30402-15-4	PeCDF (total)	0.058	JBq	0.019	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0364	0.182	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	55684-94-1	HxCDF (total)	0.18	JBq	0.023	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.121	0.605	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.16	JBq	0.022	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0906	0.453	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	37871-00-4	HpCDD (total)	0.37	JBq	0.022	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.164	0.82	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.030	JBq	0.021	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0326	0.163	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.11	JB	0.023	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0566	0.283	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	41903-57-5	TCDD (total)	0.098	JBq	0.024	1.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0574	0.287	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.023	JBq	0.019	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0164	0.082	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.35	JBq	0.015	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.343	1.715	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.052	JB	0.013	1.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0320	0.16	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.087	JBq	0.017	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0397	0.1985	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.063	JBq	0.023	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0223	0.1115	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.094	JB	0.015	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0504	0.252	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	38998-75-3	HpCDF (total)	0.19	JBq	0.024	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.103	0.515	pg/g
4401796372	RIDB-18-10.0-20170314	3/14/2017	8290	39001-02-0	Octachlorodibenzofuran	0.19	JBq	0.024	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.123	0.615	pg/g
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	55684-94-1	HxCDF (total)	3.4	Jq	1.2	51	pg/l	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.9	Jq	0.63	51	pg/l	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.3	J	0.39	51	pg/l	J	sp	< PQL			
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	39001-02-0	Octachlorodibenzofuran	7.0	JB	1.1	100	pg/l	J	bl,sp	MB contamination; < PQL	2.30	11.5	pg/l
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.4	Jq	1.1	51	pg/l	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	38998-75-3	HpCDF (total)	2.8	JB	0.36	51	pg/l	J	bl,sp	MB contamination; < PQL	0.620	3.1	pg/l
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.0	Jq	1.2	51	pg/l	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	30402-15-4	PeCDF (total)	1.9	Jq	0.64	51	pg/l	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.5	JB	0.32	51	pg/l	J	bl,sp	MB contamination; < PQL	0.620	3.1	pg/l
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	37871-00-4	HpCDD (total)	2.0	J	0.80	51	pg/l	J	sp	< PQL			
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	34465-46-8	HxCDD (total)	1.6	JqB	0.60	51	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	4.32	21.6	pg/l
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.0	J	0.80	51	pg/l	J	sp	< PQL			
4401796372	RIDB-18-10.0-20170314-EB	3/14/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.1	JqB	0.56	100	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	6.88	34.4	pg/l
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.14	JB	0.014	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0566	0.283	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.15	JqB	0.015	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0906	0.453	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.077	JB	0.014	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0189	0.0945	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.19	JB	0.013	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0504	0.252	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	30402-15-4	PeCDF (total)	0.19	JqB	0.014	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	34465-46-8	HxCDD (total)	0.34	JqB	0.012	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.146	0.73	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	36088-22-9	PeCDD (total)	0.070	J	0.022	5.5	pg/g	J	sp	< PQL			
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.034	JB	0.015	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0200	0.1	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.24	JqB	0.0090	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	38998-75-3	HpCDF (total)	0.25	JqB	0.014	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.103	0.515	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	37871-00-4	HpCDD (total)	0.26	JqB	0.015	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.164	0.82	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.041	JqB	0.012	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0326	0.163	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.085	JB	0.014	5.5	pg/g	J	sp	< PQL			
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	39001-02-0	Octachlorodibenzofuran	0.21	JqB	0.011	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.123	0.615	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.33	JqB	0.0096	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.343	1.715	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.058	JB	0.0090	1.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0320	0.16	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.022	JqB	0.013	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0223	0.1115	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.16	JB	0.010	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0504	0.252	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.077	JqB	0.015	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0468	0.234	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.030	JqB	0.014	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0181	0.0905	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.10	JB	0.011	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0397	0.1985	pg/g
4401796372	RIDB-18-20.0-20170314	3/14/2017	8290	55684-94-1	HxCDF (total)	0.32	JqB	0.013	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.121	0.605	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.11	JB	0.019	8.1	pg/g	J	sp	< PQL			
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	41903-57-5	TCDD (total)	0.56	JBq	0.032	1.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0574	0.287	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.46	JB	0.015	16	pg/g	J	bl,sp	MB contamination; < PQL	0.343	1.715	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.11	JB	0.015	1.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0320	0.16	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.064	JBq	0.015	8.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0397	0.1985	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.048	JB	0.022	8.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0223	0.1115	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.10	JB	0.026	8.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0468	0.234	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.089	JB	0.014	8.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0504	0.252	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.033	JBq	0.018	8.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0181	0.0905	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	39001-02-0	Octachlorodibenzofuran	0.47	JBq	0.016	16	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.123	0.615	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	36088-22-9	PeCDD (total)	0.13	Jq	0.030	8.1	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	38998-75-3	HpCDF (total)	0.52	JBq	0.025	8.1	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	34465-46-8	HxCDD (total)	0.21	JBq	0.016	8.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.146	0.73	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.086	JBq	0.020	8.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0326	0.163	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	37871-00-4	HpCDD (total)	0.28	JBq	0.024	8.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.164	0.82	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.27	JB	0.023	8.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0566	0.283	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	30402-15-4	PeCDF (total)	0.56	JBq	0.019	8.1	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.15	JBq	0.024	8.1	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.16	JB	0.022	8.1	pg/g	J	sp	< PQL			
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.73	JBq	0.015	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.12	JB	0.024	8.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0906	0.453	pg/g
4401796372	RIDB-18-30.0-20170314	3/14/2017	8290	55684-94-1	HxCDF (total)	0.58	JBq	0.022	8.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.121	0.605	pg/g
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	55684-94-1	HxCDF (total)	0.53	JBq	0.043	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.121	0.605	pg/g
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.53	JB	0.081	8.2	pg/g	J-	i,sp	IS %R; < PQL	30	40-135	%
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.071	JBq	0.035	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0200	0.1	pg/g
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	37871-00-4	HpCDD (total)	0.59	JB	0.059	8.2	pg/g	J	bl,i,sp	MB contamination; IS %R; < PQL	0.164; 34	0.82; 40-135	pg/g; %
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	36088-22-9	PeCDD (total)	0.21	Jq	0.051	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	34465-46-8	HxCDD (total)	0.19	JBq	0.027	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.146	0.73	pg/g
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.12	JBq	0.043	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0504	0.252	pg/g
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.22	JB	0.046	8.2	pg/g	J	sp	< PQL			
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	30402-15-4	PeCDF (total)	0.60	JBq	0.034	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.062	Jq	0.051	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	5.6	JB	0.084	16	pg/g	J-	i,sp	IS %R; < PQL	21	40-135	%
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.19	JBq	0.091	8.2	pg/g	J	bl,i,k,sp	MB contamination; IS %R; EMPC; < PQL	0.0468; 30	0.234; 40-135	pg/g; %
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.29	JB	0.059	8.2	pg/g	J	bl,i,sp	MB contamination; IS %R; < PQL	0.0906; 34	0.453; 40-135	pg/g; %
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.15	JB	0.039	8.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0326	0.163	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	39001-02-0	Octachlorodibenzofuran	1.1	JBq	0.080	16	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	21	40-135	%
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.20	JB	0.023	1.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.059	JBq	0.026	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0397	0.1985	pg/g
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.062	JBq	0.023	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0504	0.252	pg/g
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	38998-75-3	HpCDF (total)	0.73	JBq	0.086	8.2	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	30	40-135	%
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	41903-57-5	TCDD (total)	0.49	JBq	0.034	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.76	JBq	0.023	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-30.0-20170314-FD	3/14/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.13	JBq	0.034	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.044	JBq	0.026	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0223	0.1115	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.78	JB	0.021	11	pg/g	J	bl,sp	MB contamination; < PQL	0.343	1.715	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.051	JBq	0.014	1.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0320	0.16	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.33	JB	0.032	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	39001-02-0	Octachlorodibenzofuran	0.48	JB	0.019	11	pg/g	J	bl,sp	MB contamination; < PQL	0.123	0.615	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.094	JB	0.024	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0468	0.234	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	36088-22-9	PeCDD (total)	1.2	Jq	0.039	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.081	JB	0.021	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0164	0.082	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	41903-57-5	TCDD (total)	0.21	JB	0.025	1.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0574	0.287	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.049	JBq	0.024	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0326	0.163	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.17	JB	0.029	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0504	0.252	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	55684-94-1	HxCDF (total)	0.30	JBq	0.026	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.121	0.605	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.19	JB	0.023	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0906	0.453	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.099	JBq	0.014	1.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0320	0.16	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.092	JBq	0.026	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0504	0.252	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.11	JB	0.028	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	30402-15-4	PeCDF (total)	0.11	JBq	0.021	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0364	0.182	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	37871-00-4	HpCDD (total)	0.37	JB	0.023	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.164	0.82	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	34465-46-8	HxCDD (total)	4.7	JB	0.033	5.6	pg/g	J	sp	< PQL			
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.22	JB	0.022	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0566	0.283	pg/g
4401796372	RIDB-18-5.0-20170314	3/14/2017	8290	38998-75-3	HpCDF (total)	0.38	JB	0.023	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.103	0.515	pg/g
4401801012	RIDB-11-1.0-20170320	3/20/2017	8290	36088-22-9	PeCDD (total)	120	q	0.90	5.5	pg/g	J	k	EMPC			
4401801012	RIDB-11-1.0-20170320	3/20/2017	8290	41903-57-5	TCDD (total)	84	q	0.25	1.1	pg/g	J	k	EMPC			
4401801012	RIDB-11-1.0-20170320	3/20/2017	8290	30402-15-4	PeCDF (total)	1600	qG	7.2	7.2	pg/g	J	k	EMPC			
4401801012	RIDB-11-1.0-20170320	3/20/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1100	qG	4.0	4.0	pg/g	J	k	EMPC			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	2.0	J	0.14	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	37871-00-4	HpCDD (total)	3.0	JB	0.034	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	36088-22-9	PeCDD (total)	1.9	Jq	0.058	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	34465-46-8	HxCDD (total)	2.9	JBq	0.033	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.22	J	0.058	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.82	JB	0.34	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.9	JB	0.034	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	55684-94-1	HxCDF (total)	39	Bq	0.33	5.3	pg/g	J	k	EMPC			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.20	Jq	0.036	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	41903-57-5	TCDD (total)	1.4	q	0.039	1.1	pg/g	J	k	EMPC			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.49	JB	0.030	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	3.7	J	0.13	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.3	J	0.33	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.44	J	0.034	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	5.2	JB	0.040	11	pg/g	J	bl,sp	MB contamination; < PQL	1.73	8.65	pg/g
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	30402-15-4	PeCDF (total)	29	q	0.14	5.3	pg/g	J	k	EMPC			
4401801012	RIDB-11-10.0-20170320	3/20/2017	8290	30402-14-3	Tetrachlorodibenzofuran	20	q	0.098	1.1	pg/g	J	k	EMPC			
4401801012	RIDB-11-5.0-20170320	3/20/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.9	J	0.053	5.5	pg/g	J	sp	< PQL			
4401801012	RIDB-11-5.0-20170320	3/20/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.1	J	0.051	5.5	pg/g	J	sp	< PQL			
4401801012	RIDB-11-5.0-20170320	3/20/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.63	Jq	0.081	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-11-5.0-20170320	3/20/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.9	JB	0.045	5.5	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401801012	RIDB-11-5.0-20170320	3/20/2017	8290	30402-15-4	PeCDF (total)	300	q	1.8	5.5	pg/g	J	k	EMPC			
4401801012	RIDB-11-5.0-20170320	3/20/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.2	J	0.22	5.5	pg/g	J	sp	< PQL			
4401801012	RIDB-11-5.0-20170320	3/20/2017	8290	36088-22-9	PeCDD (total)	23	q	0.22	5.5	pg/g	J	k	EMPC			
4401801012	RIDB-11-5.0-20170320	3/20/2017	8290	41903-57-5	TCDD (total)	21	q	0.081	1.1	pg/g	J	k	EMPC			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	3.9	J	0.38	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	36088-22-9	PeCDD (total)	6.2	q	0.092	5.3	pg/g	J	k	EMPC			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	55684-94-1	HxCDF (total)	82	qB	0.49	5.3	pg/g	J	k	EMPC			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.51	J	0.092	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.6	J	0.044	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.0	JB	0.51	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	30402-15-4	PeCDF (total)	56	q	0.37	5.3	pg/g	J	k	EMPC			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.54	J	0.046	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	41903-57-5	TCDD (total)	4.4	q	0.040	1.1	pg/g	J	k	EMPC			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2.8	J	0.49	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	8.9	JB	0.042	11	pg/g	J	sp	< PQL			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.19	Jq	0.040	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	30402-14-3	Tetrachlorodibenzofuran	45	q	0.23	1.1	pg/g	J	k	EMPC			
4401801012	RIDB-19-1.0-20170320	3/20/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.5	JB	0.039	5.3	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	41903-57-5	TCDD (total)	0.76	J	0.046	1.1	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.68	J	0.19	5.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.70	J	0.038	5.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	3.8	JB	0.049	11	pg/g	J	bl,sp	MB contamination; < PQL	1.73	8.65	pg/g
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.81	J	0.19	1.1	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	2.9	J	0.18	5.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.3	JB	0.071	5.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.42	JB	0.034	5.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	36088-22-9	PeCDD (total)	1.9	J	0.072	5.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.8	J	0.074	5.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	34465-46-8	HxCDD (total)	6.0	qB	0.037	5.6	pg/g	J	k	EMPC			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.13	Jq	0.040	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	37871-00-4	HpCDD (total)	4.5	JB	0.046	5.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	30402-15-4	PeCDF (total)	14	q	0.075	5.6	pg/g	J	k	EMPC			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	4.9	J	0.19	5.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.45	JB	0.20	5.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.5	JB	0.046	5.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-10.0-20170320	3/20/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.90	J	0.076	5.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	55684-94-1	HxCDF (total)	0.31	JqB	0.043	5.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0793	0.3965	pg/g
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.042	Jq	0.021	1.0	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.25	JB	0.017	5.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0724	0.362	pg/g
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	37871-00-4	HpCDD (total)	0.69	JB	0.020	5.2	pg/g	J	bl,sp	MB contamination; < PQL	0.416	2.08	pg/g
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	36088-22-9	PeCDD (total)	0.23	Jq	0.035	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	34465-46-8	HxCDD (total)	0.77	JqB	0.022	5.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.120	0.6	pg/g
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.13	JB	0.045	5.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0793	0.3965	pg/g
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.098	Jq	0.044	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	30402-15-4	PeCDF (total)	0.071	Jq	0.020	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.16	J	0.022	5.2	pg/g	J	sp	< PQL			
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.25	Jq	0.021	1.0	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	41903-57-5	TCDD (total)	0.14	Jq	0.026	1.0	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	38998-75-3	HpCDF (total)	0.50	JB	0.019	5.2	pg/g	J	bl,sp	MB contamination; < PQL	0.221	1.105	pg/g
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.17	JqB	0.020	5.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0646	0.323	pg/g
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.076	J	0.041	5.2	pg/g	J	sp	< PQL			
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.096	JB	0.020	5.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0686	0.343	pg/g
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.34	JB	0.020	5.2	pg/g	J	bl,sp	MB contamination; < PQL	0.214	1.07	pg/g
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	3.1	JB	0.036	10	pg/g	J	bl,sp	MB contamination; < PQL	1.73	8.65	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401801012	RIDB-19-20.0-20170320	3/20/2017	8290	39001-02-0	Octachlorodibenzofuran	0.77	JB	0.039	10	pg/g	J	bl,sp	MB contamination; < PQL	0.251	1.255	pg/g
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	39001-02-0	Octachlorodibenzofuran	0.91	JB	0.052	16	pg/g	J	bl,sp	MB contamination; < PQL	0.251	1.255	pg/g
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.11	Jq	0.027	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.12	J	0.040	8.2	pg/g	J	sp	< PQL			
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	4.4	JB	0.057	16	pg/g	J	bl,sp	MB contamination; < PQL	1.73	8.65	pg/g
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.068	J	0.022	1.6	pg/g	J	sp	< PQL			
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	41903-57-5	TCDD (total)	0.088	Jq	0.030	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	38998-75-3	HpCDF (total)	0.72	JqB	0.025	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.221	1.105	pg/g
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.14	Jq	0.026	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	37871-00-4	HpCDD (total)	0.70	JqB	0.025	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.416	2.08	pg/g
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.11	JqB	0.023	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0646	0.323	pg/g
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.16	JB	0.028	8.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0686	0.343	pg/g
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.32	JB	0.023	8.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0724	0.362	pg/g
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	30402-15-4	PeCDF (total)	0.25	Jq	0.027	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.10	Jq	0.042	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.14	JqB	0.043	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0793	0.3965	pg/g
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.31	Jq	0.022	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.36	JqB	0.025	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.214	1.07	pg/g
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	34465-46-8	HxCDD (total)	0.36	JqB	0.025	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.120	0.6	pg/g
4401801012	RIDB-19-30.0-20170320	3/20/2017	8290	55684-94-1	HxCDF (total)	0.53	JqB	0.042	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0793	0.3965	pg/g
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	36088-22-9	PeCDD (total)	1.9	J	0.042	5.4	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	30402-14-3	Tetrachlorodibenzofuran	8.1	q	0.044	1.1	pg/g	J	k	EMPC			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	34465-46-8	HxCDD (total)	5.0	JqB	0.033	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.35	JB	0.099	5.4	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	2.7	J	0.098	5.4	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	30402-15-4	PeCDF (total)	9.4	q	0.079	5.4	pg/g	J	k	EMPC			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	55684-94-1	HxCDF (total)	12	qB	0.096	5.4	pg/g	J	k	EMPC			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.6	JB	0.027	5.4	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	37871-00-4	HpCDD (total)	2.8	JB	0.027	5.4	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.056	Jq	0.030	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	41903-57-5	TCDD (total)	0.73	Jq	0.030	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.32	JqB	0.030	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0646	0.323	pg/g
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.7	J	0.092	5.4	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.2	J	0.079	5.4	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.4	JB	0.031	5.4	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.69	J	0.044	1.1	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.44	J	0.095	5.4	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.44	J	0.034	5.4	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	5.7	JB	0.028	11	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.59	J	0.080	5.4	pg/g	J	sp	< PQL			
4401801012	RIDB-19-5.0-20170320	3/20/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.12	J	0.035	5.4	pg/g	J	sp	< PQL			
4401801932	RIDB-11-20.0-20170320	3/20/2017	8290	36088-22-9	PeCDD (total)	73	q	0.63	5.2	pg/g	J	k	EMPC			
4401801932	RIDB-11-20.0-20170320	3/20/2017	8290	41903-57-5	TCDD (total)	63	q	0.26	1.0	pg/g	J	k	EMPC			
4401801932	RIDB-11-20.0-20170320	3/20/2017	8290	30402-14-3	Tetrachlorodibenzofuran	700	qG	2.8	2.8	pg/g	J	k	EMPC			
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.49	JB	0.10	7.4	pg/g	J	sp	< PQL			
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	41903-57-5	TCDD (total)	0.14	Jq	0.063	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	38998-75-3	HpCDF (total)	1.8	JBq	0.093	7.4	pg/g	J	k,sp	EMPC; < PQL			
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.16	JB	0.047	7.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0646	0.323	pg/g
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.15	J	0.053	7.4	pg/g	J	sp	< PQL			
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.091	Jq	0.048	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.24	JBq	0.12	7.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0793	0.3965	pg/g
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	5.6	JB	0.088	15	pg/g	J	bl,i,sp	MB contamination; IS %R; < PQL	1.73; 39	8.65; 40-135	pg/g; %
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	34465-46-8	HxCDD (total)	0.31	JB	0.052	7.4	pg/g	J	bl,sp	MB contamination; < PQL	0.120	0.6	pg/g
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.24	J	0.12	7.4	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	55684-94-1	HxCDF (total)	0.98	JBq	0.12	7.4	pg/g	J	k,sp	EMPC; < PQL			
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.19	Jq	0.048	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.27	J	0.12	7.4	pg/g	J	sp	< PQL			
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.97	JB	0.083	7.4	pg/g	J	sp	< PQL			
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	37871-00-4	HpCDD (total)	1.2	JBq	0.057	7.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.416	2.08	pg/g
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	39001-02-0	Octachlorodibenzofuran	4.4	JB	0.11	15	pg/g	J-	i,sp	IS %R; < PQL	39	40-135	%
4401801932	RIDB-11-30.0-20170321	3/21/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.61	JBq	0.057	7.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.214	1.07	pg/g
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.3	JB	0.26	7.1	pg/g	J	sp	< PQL			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.74	Jq	0.038	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	34465-46-8	HxCDD (total)	4.8	JBq	0.038	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	36088-22-9	PeCDD (total)	3.9	Jq	0.068	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	37871-00-4	HpCDD (total)	4.8	JB	0.046	7.1	pg/g	J	sp	< PQL			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.44	Jq	0.068	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	2.7	J	0.22	7.1	pg/g	J	sp	< PQL			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2.0	J	0.25	7.1	pg/g	J	sp	< PQL			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	7.8	JB	0.056	14	pg/g	J	bl,sp	MB contamination; < PQL	1.73	8.65	pg/g
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.14	Jq	0.048	1.4	pg/g	J	k,sp	EMPC; < PQL			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	41903-57-5	TCDD (total)	2.7	q	0.048	1.4	pg/g	J	k	EMPC			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.76	JBq	0.034	7.1	pg/g	J	k,sp	EMPC; < PQL			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.36	J	0.040	7.1	pg/g	J	sp	< PQL			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	5.9	J	0.22	7.1	pg/g	J	sp	< PQL			
4401801932	RIDB-27-1.0-20170321	3/21/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.0	JB	0.046	7.1	pg/g	J	sp	< PQL			
4401803312	RIDB-12-1.0-20170321	3/21/2017	8290	41903-57-5	TCDD (total)	46	q	0.25	1.1	pg/g	J	k	EMPC			
4401803312	RIDB-12-1.0-20170321	3/21/2017	8290	36088-22-9	PeCDD (total)	64	Bq	0.58	5.3	pg/g	J	k	EMPC			
4401803312	RIDB-12-1.0-20170321	3/21/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	5.2	J	0.12	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-12-1.0-20170321	3/21/2017	8290	30402-15-4	PeCDF (total)	830	Bq	1.8	5.3	pg/g	J	k	EMPC			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	41903-57-5	TCDD (total)	4.0	q	0.053	1.1	pg/g	J	k	EMPC			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	34465-46-8	HxCDD (total)	6.3	Bq	0.043	5.3	pg/g	J	k	EMPC			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2.8	J	0.87	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.91	JB	0.044	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.8	JB	0.060	11	pg/g	J	bl,sp	MB contamination; < PQL	3.81	19.05	pg/g
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.091	J	0.053	1.1	pg/g	J	sp	< PQL			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.41	J	0.046	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.0	JBq	0.039	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.271	1.355	pg/g
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.46	J	0.091	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	4.1	J	0.42	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	36088-22-9	PeCDD (total)	4.6	JBq	0.091	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.8	JB	0.046	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	45	Bq	0.20	1.1	pg/g	J	k	EMPC			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.1	J	0.90	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-12-10.0-20170322	3/22/2017	8290	37871-00-4	HpCDD (total)	5.9	B	0.046	5.3	pg/g	J	bl	MB contamination	1.44	7.2	pg/g
4401803312	RIDB-12-20.0-20170322	3/22/2017	8290	55684-94-1	HxCDF (total)	680	Bq	3.7	5.4	pg/g	J	k	EMPC			
4401803312	RIDB-12-20.0-20170322	3/22/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.0	J	0.42	5.4	pg/g	J	sp	< PQL			
4401803312	RIDB-12-20.0-20170322	3/22/2017	8290	30402-15-4	PeCDF (total)	540	Bq	1.9	5.4	pg/g	J	k	EMPC			
4401803312	RIDB-12-20.0-20170322	3/22/2017	8290	34465-46-8	HxCDD (total)	49	Bq	0.060	5.4	pg/g	J	k	EMPC			
4401803312	RIDB-12-20.0-20170322	3/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3.3	J	0.064	5.4	pg/g	J	sp	< PQL			
4401803312	RIDB-12-20.0-20170322	3/22/2017	8290	41903-57-5	TCDD (total)	34	q	0.11	1.1	pg/g	J	k	EMPC			
4401803312	RIDB-12-20.0-20170322	3/22/2017	8290	36088-22-9	PeCDD (total)	44	Bq	0.42	5.4	pg/g	J	k	EMPC			
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	41903-57-5	TCDD (total)	0.28	J	0.049	1.7	pg/g	J	sp	< PQL			
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.37	JB	0.056	8.3	pg/g	J	bl,sp	MB contamination; < PQL	0.504	2.52	pg/g
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	39001-02-0	Octachlorodibenzofuran	3.7	JB	0.082	17	pg/g	J	bl,sp	MB contamination; < PQL	0.753	3.765	pg/g
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	11	JB	0.11	17	pg/g	J	bl,sp	MB contamination; < PQL	3.81	19.05	pg/g
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	38998-75-3	HpCDF (total)	2.1	JBq	0.051	8.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	1.16	5.8	pg/g
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.081	J	0.061	8.3	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.1	JB	0.046	8.3	pg/g	J	bl,sp	MB contamination; < PQL	0.514	2.57	pg/g
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	36088-22-9	PeCDD (total)	0.081	JB	0.061	8.3	pg/g	J	bl,sp	MB contamination; < PQL	0.104	0.52	pg/g
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	30402-15-4	PeCDF (total)	0.18	JBq	0.054	8.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0677	0.3385	pg/g
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	34465-46-8	HxCDD (total)	0.11	JBq	0.047	8.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.481	2.405	pg/g
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.0	JB	0.050	8.3	pg/g	J	bl,sp	MB contamination; < PQL	0.727	3.635	pg/g
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.10	JB	0.042	1.7	pg/g	J	bl,sp	MB contamination; < PQL	0.272	1.36	pg/g
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	55684-94-1	HxCDF (total)	0.44	JBq	0.13	8.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.193	0.965	pg/g
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.26	J	0.13	8.3	pg/g	J	sp	< PQL			
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	37871-00-4	HpCDD (total)	1.9	JB	0.050	8.3	pg/g	J	bl,sp	MB contamination; < PQL	1.44	7.2	pg/g
4401803312	RIDB-12-30.0-20170322	3/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.11	JBq	0.048	8.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0376	0.188	pg/g
4401803312	RIDB-12-5.0-20170321	3/21/2017	8290	41903-57-5	TCDD (total)	140	q	0.62	1.5	pg/g	J	k	EMPC			
4401803312	RIDB-12-5.0-20170321	3/21/2017	8290	36088-22-9	PeCDD (total)	190	Bq	1.5	7.6	pg/g	J	k	EMPC			
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	36088-22-9	PeCDD (total)	6.0	Bq	0.090	5.3	pg/g	J	k	EMPC			
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.1	JB	0.043	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.4	JB	0.037	11	pg/g	J	bl,sp	MB contamination; < PQL	3.81	19.05	pg/g
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	30402-14-3	Tetrachlorodibenzofuran	53	Bq	0.22	1.1	pg/g	J	k	EMPC			
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	4.7	J	0.26	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	37871-00-4	HpCDD (total)	6.6	B	0.043	5.3	pg/g	J	bl	MB contamination	1.44	7.2	pg/g
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.3	J	0.65	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2.5	J	0.63	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.54	J	0.090	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	41903-57-5	TCDD (total)	5.2	q	0.063	1.1	pg/g	J	k	EMPC			
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.1	JB	0.036	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.271	1.355	pg/g
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.49	J	0.042	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.0	JB	0.040	5.3	pg/g	J	sp	< PQL			
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.19	Jq	0.063	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401803312	RIDB-27-20.0-20170321	3/21/2017	8290	34465-46-8	HxCDD (total)	7.5	Bq	0.039	5.3	pg/g	J	k	EMPC			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.16	JB	0.043	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.271	1.355	pg/g
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	38998-75-3	HpCDF (total)	8.6	B	0.052	6.0	pg/g	J+	m	MS/MSD %R	134/-	68-129	%
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.87	JB	0.050	1.2	pg/g	J	sp	< PQL			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.18	JB	0.049	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.0376	0.188	pg/g
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.24	Jq	0.17	6.0	pg/g	J	k,sp	EMPC; < PQL			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	41903-57-5	TCDD (total)	0.20	Jq	0.051	1.2	pg/g	J	k,sp	EMPC; < PQL			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.0	J	0.16	6.0	pg/g	J	sp	< PQL			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	11	JB	0.098	12	pg/g	J	bl,sp	MB contamination; < PQL	3.81	19.05	pg/g
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.8	JBF1	0.057	6.0	pg/g	J	bl,m,sp	MB contamination; MS/MSD %R; < PQL	0.504; 134/-	2.52; 68-129	pg/g; %
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.7	J	0.17	6.0	pg/g	J	sp	< PQL			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	36088-22-9	PeCDD (total)	0.60	JBq	0.075	6.0	pg/g	J	k,sp	EMPC; < PQL			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	34465-46-8	HxCDD (total)	0.73	JB	0.048	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.481	2.405	pg/g
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4.0	JB	0.047	6.0	pg/g	J	sp	< PQL			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.43	J	0.067	6.0	pg/g	J	sp	< PQL			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.85	JB	0.052	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.727	3.635	pg/g
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	55684-94-1	HxCDF (total)	6.4	Bq	0.17	6.0	pg/g	J	k	EMPC			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	30402-15-4	PeCDF (total)	5.4	JBq	0.067	6.0	pg/g	J	k,sp	EMPC; < PQL			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.20	Jq	0.17	6.0	pg/g	J	k,sp	EMPC; < PQL			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.70	J	0.066	6.0	pg/g	J	sp	< PQL			
4401803312	RIDB-27-30.0-20170321	3/21/2017	8290	37871-00-4	HpCDD (total)	1.6	JB	0.052	6.0	pg/g	J	bl,sp	MB contamination; < PQL	1.44	7.2	pg/g
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	37871-00-4	HpCDD (total)	4.2	JB	0.035	5.4	pg/g	J	bl,sp	MB contamination; < PQL	1.44	7.2	pg/g
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.4	J	0.14	5.4	pg/g	J	sp	< PQL			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	30402-14-3	Tetrachlorodibenzofuran	15	Bq	0.11	1.1	pg/g	J	k	EMPC			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.0	JB	0.035	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.727	3.635	pg/g
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	55684-94-1	HxCDF (total)	24	Bq	0.20	5.4	pg/g	J	k	EMPC			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	30402-15-4	PeCDF (total)	20	Bq	0.14	5.4	pg/g	J	k	EMPC			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	36088-22-9	PeCDD (total)	1.8	JB	0.045	5.4	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.67	J	0.21	5.4	pg/g	J	sp	< PQL			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.47	JB	0.032	5.4	pg/g	J	sp	< PQL			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	3.6	Jq	0.21	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	34465-46-8	HxCDD (total)	6.3	Bq	0.031	5.4	pg/g	J	k	EMPC			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.20	J	0.045	5.4	pg/g	J	sp	< PQL			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	41903-57-5	TCDD (total)	1.5	q	0.035	1.1	pg/g	J	k	EMPC			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.41	JB	0.028	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.271	1.355	pg/g
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.2	J	0.20	5.4	pg/g	J	sp	< PQL			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	12	B	0.038	11	pg/g	J	bl	MB contamination	3.81	19.05	pg/g
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.083	Jq	0.035	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.7	J	0.19	5.4	pg/g	J	sp	< PQL			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.4	J	0.14	5.4	pg/g	J	sp	< PQL			
4401803312	RIDB-27-5.0-20170321	3/21/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.13	Jq	0.033	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401804392	RIDB-25-1.0-20170323	3/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3100	Bq	29	2500	pg/g	J	k	EMPC			
4401804392	RIDB-25-1.0-20170323	3/23/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	240	J	66	510	pg/g	J	sp	< PQL			
4401804392	RIDB-25-1.0-20170323	3/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	200000	BqG	660	660	pg/g	J	k	EMPC			
4401804392	RIDB-25-1.0-20170323	3/23/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1600	J	170	2500	pg/g	J	sp	< PQL			
4401804392	RIDB-25-1.0-20170323	3/23/2017	8290	41903-57-5	TCDD (total)	17000	q	66	510	pg/g	J	k	EMPC			
4401804392	RIDB-25-1.0-20170323	3/23/2017	8290	34465-46-8	HxCDD (total)	22000	Bq	28	2500	pg/g	J	k	EMPC			
4401804392	RIDB-25-1.0-20170323	3/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2400	JB	26	2500	pg/g	J	sp	< PQL			
4401804392	RIDB-25-1.0-20170323	3/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1400	J	30	2500	pg/g	J	sp	< PQL			
4401804392	RIDB-25-1.0-20170323	3/23/2017	8290	36088-22-9	PeCDD (total)	20000	Bq	170	2500	pg/g	J	k	EMPC			
4401804392	RIDB-25-10.0-20170323	3/23/2017	8290	36088-22-9	PeCDD (total)	3900	Bq	34	420	pg/g	J	k	EMPC			
4401804392	RIDB-25-10.0-20170323	3/23/2017	8290	34465-46-8	HxCDD (total)	4300	Bq	6.3	420	pg/g	J	k	EMPC			
4401804392	RIDB-25-10.0-20170323	3/23/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	310	J	34	420	pg/g	J	sp	< PQL			
4401804392	RIDB-25-10.0-20170323	3/23/2017	8290	55684-94-1	HxCDF (total)	64000	BqG	450	450	pg/g	J	k	EMPC			
4401804392	RIDB-25-10.0-20170323	3/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	280	J	6.7	420	pg/g	J	sp	< PQL			
4401804392	RIDB-25-10.0-20170323	3/23/2017	8290	30402-15-4	PeCDF (total)	51000	Bq	140	420	pg/g	J	k	EMPC			
4401804392	RIDB-25-20.0-20170323	3/23/2017	8290	30402-15-4	PeCDF (total)	1600	Bq	4.0	7.0	pg/g	J	k	EMPC			
4401804392	RIDB-25-20.0-20170323	3/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1200	BqG	6.8	6.8	pg/g	J	k	EMPC			
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.15	JB	0.025	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.271	1.355	pg/g
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	38998-75-3	HpCDF (total)	2.4	JBq	0.044	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	1.16	5.8	pg/g
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	41903-57-5	TCDD (total)	0.69	Jq	0.038	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.3	JBq	0.027	16	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	3.81	19.05	pg/g
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.78	JB	0.037	1.6	pg/g	J	sp	< PQL			
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	39001-02-0	Octachlorodibenzofuran	2.6	JB	0.032	16	pg/g	J	bl,sp	MB contamination; < PQL	0.753	3.765	pg/g
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.24	JB	0.024	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.727	3.635	pg/g
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.51	JB	0.048	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.504	2.52	pg/g
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.40	Jq	0.046	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.39	J	0.070	7.8	pg/g	J	sp	< PQL			
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	4.1	Bq	0.037	1.6	pg/g	J	k	EMPC			
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.23	JB	0.029	7.8	pg/g	J	sp	< PQL			
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	36088-22-9	PeCDD (total)	0.43	JBq	0.041	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.104	0.52	pg/g
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	30402-15-4	PeCDF (total)	2.7	JBq	0.046	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.69	J	0.074	7.8	pg/g	J	sp	< PQL			
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.27	J	0.076	7.8	pg/g	J	sp	< PQL			
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.1	JBq	0.039	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.514	2.57	pg/g
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	34465-46-8	HxCDD (total)	0.51	JB	0.028	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.481	2.405	pg/g
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	37871-00-4	HpCDD (total)	0.57	JB	0.024	7.8	pg/g	J	bl,sp	MB contamination; < PQL	1.44	7.2	pg/g
4401804392	RIDB-25-30.0-20170323	3/23/2017	8290	55684-94-1	HxCDF (total)	2.5	JBq	0.073	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401804392	RIDB-25-5.0-20170323	3/23/2017	8290	30402-15-4	PeCDF (total)	4300	Bq	9.8	20	pg/g	J	k	EMPC			
4401804392	RIDB-25-5.0-20170323	3/23/2017	8290	34465-46-8	HxCDD (total)	380	Bq	0.47	20	pg/g	J	k	EMPC			
4401804392	RIDB-25-5.0-20170323	3/23/2017	8290	36088-22-9	PeCDD (total)	340	Bq	2.6	20	pg/g	J	k	EMPC			
4401804392	RIDB-28-1.0-20170322	3/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.9	J	0.093	5.5	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401804392	RIDB-28-1.0-20170322	3/22/2017	8290	34465-46-8	HxCDD (total)	44	Bq	0.087	5.5	pg/g	J	k	EMPC			
4401804392	RIDB-28-1.0-20170322	3/22/2017	8290	41903-57-5	TCDD (total)	32	q	0.17	1.1	pg/g	J	k	EMPC			
4401804392	RIDB-28-1.0-20170322	3/22/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1.0	J	0.17	1.1	pg/g	J	sp	< PQL			
4401804392	RIDB-28-1.0-20170322	3/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	340	BqG	1.4	1.4	pg/g	J	k	EMPC			
4401804392	RIDB-28-1.0-20170322	3/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.9	JB	0.079	5.5	pg/g	J	sp	< PQL			
4401804392	RIDB-28-1.0-20170322	3/22/2017	8290	30402-15-4	PeCDF (total)	540	Bq	1.0	5.5	pg/g	J	k	EMPC			
4401804392	RIDB-28-1.0-20170322	3/22/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3.7	J	0.34	5.5	pg/g	J	sp	< PQL			
4401804392	RIDB-28-1.0-20170322	3/22/2017	8290	36088-22-9	PeCDD (total)	39	Bq	0.34	5.5	pg/g	J	k	EMPC			
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	140	G	26	26	pg/g	J	fd	FD RPD	183	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	55684-94-1	HxCDF (total)	5100	BG	27	27	pg/g	J	fd	FD RPD	184	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	180	B	0.48	8.9	pg/g	J	fd	FD RPD	179	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	2200	BqG	7.5	7.5	pg/g	J	k	EMPC			
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	41903-57-5	TCDD (total)	210		0.48	1.8	pg/g	J	fd	FD RPD	187	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	180	BG	2.1	2.1	pg/g	J	fd	FD RPD	185	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	180	B	0.18	18	pg/g	J	fd	FD RPD	173	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	730	G	25	25	pg/g	J	fd	FD RPD	183	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	510		7.3	8.9	pg/g	J	fd	FD RPD	187	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	910	B	6.0	8.9	pg/g	J	fd	FD RPD	178	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	940	G	27	27	pg/g	J	fd	FD RPD	184	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	30402-15-4	PeCDF (total)	3900	Bq	7.3	8.9	pg/g	J	fd,k	FD RPD; EMPC	187	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2500	B	4.9	8.9	pg/g	J	fd	FD RPD	179	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	250		7.4	8.9	pg/g	J	fd	FD RPD	186	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	39001-02-0	Octachlorodibenzofuran	5400	B	1.1	18	pg/g	J	fd	FD RPD	176	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	34465-46-8	HxCDD (total)	350	B	0.42	8.9	pg/g	J	fd	FD RPD	183	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	38998-75-3	HpCDF (total)	4900	B	5.4	8.9	pg/g	J	fd	FD RPD	178	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	37871-00-4	HpCDD (total)	270	B	0.48	8.9	pg/g	J	fd	FD RPD	179	50	%
4401804392	RIDB-28-10.0-20170323	3/23/2017	8290	36088-22-9	PeCDD (total)	280	B	2.3	8.9	pg/g	J	fd	FD RPD	188	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	37871-00-4	HpCDD (total)	15	B	0.068	5.3	pg/g	J	fd	FD RPD	179	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	55684-94-1	HxCDF (total)	210	Bq	1.8	5.3	pg/g	J	fd,k	FD RPD; EMPC	184	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	30402-15-4	PeCDF (total)	130	Bq	0.42	5.3	pg/g	J	fd,k	FD RPD; EMPC	187	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	38		1.8	5.3	pg/g	J	fd	FD RPD	184	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	3.6	J	1.9	5.3	pg/g	J	sp	< PQL			
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.0	J	0.19	5.3	pg/g	J	sp	< PQL			
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	36088-22-9	PeCDD (total)	8.4	B	0.19	5.3	pg/g	J	fd	FD RPD	188	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	9.0		0.42	5.3	pg/g	J	fd	FD RPD	186	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	140	B	0.46	5.3	pg/g	J	fd	FD RPD	179	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	7.2	B	0.21	1.1	pg/g	J	fd	FD RPD	185	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	9.9	B	0.068	5.3	pg/g	J	fd	FD RPD	179	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	34465-46-8	HxCDD (total)	16	B	0.069	5.3	pg/g	J	fd	FD RPD	183	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.34	Jq	0.067	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	13	B	0.058	11	pg/g	J	bl,fd	MB contamination; FD RPD	3.81; 173	19.05; 50	pg/g; %
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	38998-75-3	HpCDF (total)	280	B	0.52	5.3	pg/g	J	fd	FD RPD	178	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	77	Bq	0.31	1.1	pg/g	J	k	EMPC			
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.0	J	0.074	5.3	pg/g	J	sp	< PQL			
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.2	JB	0.062	5.3	pg/g	J	sp	< PQL			
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.2	JB	0.070	5.3	pg/g	J	sp	< PQL			
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	6.2		1.8	5.3	pg/g	J	fd	FD RPD	183	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	39001-02-0	Octachlorodibenzofuran	340	B	0.15	11	pg/g	J	fd	FD RPD	176	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	53	B	0.57	5.3	pg/g	J	fd	FD RPD	178	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	17		0.41	5.3	pg/g	J	fd	FD RPD	187	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	32		1.7	5.3	pg/g	J	fd	FD RPD	183	50	%
4401804392	RIDB-28-10.0-20170323-FD	3/23/2017	8290	41903-57-5	TCDD (total)	7.2	q	0.067	1.1	pg/g	J	fd,k	FD RPD; EMPC	187	50	%
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.19	JBq	0.039	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.39	JBq	0.037	1.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.122	0.61	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.9	Bq	0.037	1.1	pg/g	J	k	EMPC			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	2.2	JB	0.040	11	pg/g	J	bl,sp	MB contamination; < PQL	3.81	19.05	pg/g
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.67	J	0.11	5.6	pg/g	J	sp	< PQL			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.47	J	0.048	5.6	pg/g	J	sp	< PQL			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.1	JB	0.040	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.504	2.52	pg/g
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.17	J	0.11	5.6	pg/g	J	sp	< PQL			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	39001-02-0	Octachlorodibenzofuran	5.9	JB	0.063	11	pg/g	J	sp	< PQL			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.5	JB	0.033	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.514	2.57	pg/g
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.54	JB	0.029	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.727	3.635	pg/g
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.19	J	0.12	5.6	pg/g	J	sp	< PQL			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.2	J	0.11	5.6	pg/g	J	sp	< PQL			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	30402-15-4	PeCDF (total)	2.7	JBq	0.049	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.073	J	0.041	5.6	pg/g	J	sp	< PQL			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.24	JB	0.034	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.271	1.355	pg/g
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	41903-57-5	TCDD (total)	0.064	Jq	0.046	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.22	Jq	0.049	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	37871-00-4	HpCDD (total)	0.86	JB	0.029	5.6	pg/g	J	bl,sp	MB contamination; < PQL	1.44	7.2	pg/g
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	36088-22-9	PeCDD (total)	0.46	JB	0.054	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.104	0.52	pg/g
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	34465-46-8	HxCDD (total)	1.1	JBq	0.038	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.481	2.405	pg/g
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	55684-94-1	HxCDF (total)	4.1	JB	0.11	5.6	pg/g	J	sp	< PQL			
4401804392	RIDB-28-20.0-20170323	3/23/2017	8290	38998-75-3	HpCDF (total)	5.0	JB	0.037	5.6	pg/g	J	bl,sp	MB contamination; < PQL	1.16	5.8	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.11	JBq	0.028	1.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.272	1.36	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.34	JB	0.021	5.1	pg/g	J	bl,sp	MB contamination; < PQL	0.514	2.57	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	37871-00-4	HpCDD (total)	1.0	JB	0.027	5.1	pg/g	J	bl,sp	MB contamination; < PQL	1.44	7.2	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	36088-22-9	PeCDD (total)	0.17	JBq	0.050	5.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.104	0.52	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	34465-46-8	HxCDD (total)	0.99	JBq	0.034	5.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.481	2.405	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.099	Jq	0.079	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.39	JB	0.027	5.1	pg/g	J	bl,sp	MB contamination; < PQL	0.727	3.635	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.099	JBq	0.026	5.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.504	2.52	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	39001-02-0	Octachlorodibenzofuran	0.89	JBq	0.042	10	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.753	3.765	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.093	JBq	0.035	5.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0376	0.188	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.078	JBq	0.028	1.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.122	0.61	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.6	JB	0.034	10	pg/g	J	bl,sp	MB contamination; < PQL	3.81	19.05	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	38998-75-3	HpCDF (total)	0.55	JBq	0.023	5.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	1.16	5.8	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.14	JBq	0.031	5.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.271	1.355	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	55684-94-1	HxCDF (total)	0.22	JBq	0.076	5.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.193	0.965	pg/g
4401804392	RIDB-28-30.0-20170323	3/23/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.12	J	0.077	5.1	pg/g	J	sp	< PQL			
4401804392	RIDB-28-5.0-20170322	3/22/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.4	J	0.24	5.4	pg/g	J	sp	< PQL			
4401804392	RIDB-28-5.0-20170322	3/22/2017	8290	36088-22-9	PeCDD (total)	25	Bq	0.24	5.4	pg/g	J	k	EMPC			
4401804392	RIDB-28-5.0-20170322	3/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	270	Bq	0.85	1.1	pg/g	J	k	EMPC			
4401804392	RIDB-28-5.0-20170322	3/22/2017	8290	30402-15-4	PeCDF (total)	320	Bq	0.67	5.4	pg/g	J	k	EMPC			
4401804392	RIDB-28-5.0-20170322	3/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.5	JB	0.063	5.4	pg/g	J	sp	< PQL			
4401804392	RIDB-28-5.0-20170322	3/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.2	J	0.075	5.4	pg/g	J	sp	< PQL			
4401804392	RIDB-28-5.0-20170322	3/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	19	B	0.048	11	pg/g	J	bl	MB contamination	3.81	19.05	pg/g
4401804392	RIDB-28-5.0-20170322	3/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.7	JB	0.072	5.4	pg/g	J	sp	< PQL			
4401804392	RIDB-28-5.0-20170322	3/22/2017	8290	41903-57-5	TCDD (total)	23	q	0.12	1.1	pg/g	J	k	EMPC			
4401804392	RIDB-28-5.0-20170322	3/22/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.80	J	0.12	1.1	pg/g	J	sp	< PQL			
4401805932	RIDB-24-1.0-20170323	3/23/2017	8290	41903-57-5	TCDD (total)	33	Bq	0.075	0.99	pg/g	J	k	EMPC			
4401805932	RIDB-24-1.0-20170323	3/23/2017	8290	34465-46-8	HxCDD (total)	41	Bq	0.084	5.0	pg/g	J	k	EMPC			
4401805932	RIDB-24-1.0-20170323	3/23/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.6	JB	0.072	5.0	pg/g	J	sp	< PQL			
4401805932	RIDB-24-1.0-20170323	3/23/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.9	J	0.099	5.0	pg/g	J	sp	< PQL			
4401805932	RIDB-24-1.0-20170323	3/23/2017	8290	36088-22-9	PeCDD (total)	38	q	0.41	5.0	pg/g	J	k	EMPC			
4401805932	RIDB-24-1.0-20170323	3/23/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3.2	J	0.41	5.0	pg/g	J	sp	< PQL			
4401805932	RIDB-24-10.0-20170324	3/24/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.4	J	0.20	5.3	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401805932	RIDB-24-10.0-20170324	3/24/2017	8290	30402-15-4	PeCDF (total)	220	q	1.3	5.3	pg/g	J	k	EMPC			
4401805932	RIDB-24-10.0-20170324	3/24/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.44	Jq	0.034	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-24-10.0-20170324	3/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.5	J	0.045	5.3	pg/g	J	sp	< PQL			
4401805932	RIDB-24-10.0-20170324	3/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.7	JB	0.040	5.3	pg/g	J	sp	< PQL			
4401805932	RIDB-24-10.0-20170324	3/24/2017	8290	41903-57-5	TCDD (total)	15	Bq	0.034	1.1	pg/g	J	k	EMPC			
4401805932	RIDB-24-10.0-20170324	3/24/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.2	J	0.055	5.3	pg/g	J	sp	< PQL			
4401805932	RIDB-24-10.0-20170324	3/24/2017	8290	36088-22-9	PeCDD (total)	16	q	0.20	5.3	pg/g	J	k	EMPC			
4401805932	RIDB-24-20.0-20170324	3/24/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	6.8	J	0.20	7.0	pg/g	J	sp	< PQL			
4401805932	RIDB-24-20.0-20170324	3/24/2017	8290	41903-57-5	TCDD (total)	85	Bq	0.28	1.4	pg/g	J	k	EMPC			
4401805932	RIDB-24-20.0-20170324	3/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	950	qG	3.8	3.8	pg/g	J	k	EMPC			
4401805932	RIDB-24-20.0-20170324	3/24/2017	8290	30402-15-4	PeCDF (total)	1200	qG	7.9	7.9	pg/g	J	k	EMPC			
4401805932	RIDB-24-20.0-20170324	3/24/2017	8290	36088-22-9	PeCDD (total)	97	q	0.91	7.0	pg/g	J	k	EMPC			
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	34465-46-8	HxCDD (total)	0.17	JBq	0.020	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	30402-15-4	PeCDF (total)	0.093	Jq	0.032	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	36088-22-9	PeCDD (total)	0.077	Jq	0.028	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.081	JBq	0.053	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0366	0.183	pg/g
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.23	Jq	0.020	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.080	JBq	0.030	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0598	0.299	pg/g
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	55684-94-1	HxCDF (total)	0.16	JBq	0.053	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0724	0.362	pg/g
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	39001-02-0	Octachlorodibenzofuran	0.67	JB	0.037	11	pg/g	J-	i,sp	IS %R; < PQL	29	40-135	%
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.097	JBq	0.055	5.3	pg/g	J	bl,i,k,sp	MB contamination; IS %R; EMPC; < PQL	0.0353; 38	0.1765; 40-135	pg/g; %
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.082	JB	0.048	5.3	pg/g	J	sp	< PQL			
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.39	JBq	0.023	11	pg/g	J	bl,i,k,sp	MB contamination; IS %R; EMPC; < PQL	0.2;29	1; 40-135	pg/g; %
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.077	J	0.020	1.1	pg/g	J	sp	< PQL			
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.089	J	0.019	5.3	pg/g	J	sp	< PQL			
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.082	JBq	0.017	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0234	0.117	pg/g
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	38998-75-3	HpCDF (total)	0.55	JBq	0.052	5.3	pg/g	J	bl,i,k,sp	MB contamination; IS %R; EMPC; < PQL	0.0798; 38	0.399; 40-135	pg/g; %
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	41903-57-5	TCDD (total)	0.17	JB	0.019	1.1	pg/g	J	sp	< PQL			
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	37871-00-4	HpCDD (total)	0.24	JBq	0.030	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.152	0.76	pg/g
4401805932	RIDB-24-30.0-20170324	3/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.29	JB	0.049	5.3	pg/g	J-	i,sp	IS %R; < PQL	38	40-135	%
4401805932	RIDB-24-5.0-20170323	3/23/2017	8290	36088-22-9	PeCDD (total)	260	q	2.9	15	pg/g	J	k	EMPC			
4401805932	RIDB-26-1.0-20170323	3/23/2017	8290	55684-94-1	HxCDF (total)	1400	BqG	7.9	7.9	pg/g	J	k	EMPC			
4401805932	RIDB-26-1.0-20170323	3/23/2017	8290	41903-57-5	TCDD (total)	78	Bq	0.23	1.5	pg/g	J	k	EMPC			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.13	JB	0.075	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0366	0.183	pg/g
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.18	Jq	0.075	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	39001-02-0	Octachlorodibenzofuran	7.6	JB	0.020	11	pg/g	J	sp	< PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.1	JB	0.060	5.6	pg/g	J	sp	< PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.58	J	0.024	1.1	pg/g	J	sp	< PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.69	JB	0.0088	11	pg/g	J	bl,sp	MB contamination; < PQL	0.200	1	pg/g
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	41903-57-5	TCDD (total)	0.27	JBq	0.014	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.15	JBq	0.014	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.045	J	0.019	5.6	pg/g	J	sp	< PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.3	JB	0.080	5.6	pg/g	J	sp	< PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.20	J	0.016	5.6	pg/g	J	sp	< PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.39	Jq	0.052	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	55684-94-1	HxCDF (total)	4.8	JBq	0.074	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.45	JB	0.016	5.6	pg/g	J	sp	< PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	30402-15-4	PeCDF (total)	3.2	Jq	0.053	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.70	JB	0.068	5.6	pg/g	J	sp	< PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	34465-46-8	HxCDD (total)	0.93	JBq	0.017	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.053	J	0.022	5.6	pg/g	J	sp	< PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.2	JB	0.054	5.6	pg/g	J	sp	< PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.22	Jq	0.054	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	37871-00-4	HpCDD (total)	0.78	JBq	0.016	5.6	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	36088-22-9	PeCDD (total)	0.42	Jq	0.022	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-10.0-20170324	3/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	3.1	q	0.024	1.1	pg/g	J	k	EMPC			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.60	J	0.11	5.5	pg/g	J	sp	< PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.12	J	0.023	5.5	pg/g	J	sp	< PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.91	JB	0.024	5.5	pg/g	J	sp	< PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	41903-57-5	TCDD (total)	1.4	qB	0.022	1.1	pg/g	J	k	EMPC			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.54	JB	0.017	5.5	pg/g	J	sp	< PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	34465-46-8	HxCDD (total)	2.1	JqB	0.020	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.41	JB	0.11	5.5	pg/g	J	sp	< PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	3.7	JB	0.11	5.5	pg/g	J	sp	< PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	30402-15-4	PeCDF (total)	13	q	0.078	5.5	pg/g	J	k	EMPC			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.71	J	0.079	5.5	pg/g	J	sp	< PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	37871-00-4	HpCDD (total)	1.7	JqB	0.024	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.4	JB	0.11	5.5	pg/g	J	sp	< PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	36088-22-9	PeCDD (total)	1.4	Jq	0.034	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.31	Jq	0.019	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.13	J	0.034	5.5	pg/g	J	sp	< PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	55684-94-1	HxCDF (total)	16	qB	0.10	5.5	pg/g	J	k	EMPC			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.5	J	0.076	5.5	pg/g	J	sp	< PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	2.0	JB	0.096	5.5	pg/g	J	sp	< PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.055	Jq	0.022	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-20.0-20170324	3/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.8	JB	0.014	11	pg/g	J	sp	< PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.17	JB	0.054	7.8	pg/g	J	sp	< PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.39	JB	0.067	7.8	pg/g	J-	i,sp	IS %R; < PQL	28	40-135	%
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.11	J	0.032	7.8	pg/g	J	sp	< PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	38998-75-3	HpCDF (total)	1.2	JqB	0.064	7.8	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	28	40-135	%
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	39001-02-0	Octachlorodibenzofuran	1.4	JB	0.067	16	pg/g	J-	i,sp	IS %R; < PQL	20	40-135	%
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.20	Jq	0.025	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.10	J	0.019	1.6	pg/g	J	sp	< PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.7	JB	0.052	16	pg/g	J-	i,sp	IS %R; < PQL	20	40-135	%
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	41903-57-5	TCDD (total)	0.38	JqB	0.024	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.46	Jq	0.019	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.18	JB	0.023	7.8	pg/g	J	sp	< PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.15	Jq	0.060	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.093	Jq	0.031	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.56	JB	0.060	7.8	pg/g	J-	i,sp	IS %R; < PQL	28	40-135	%
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.055	Jq	0.034	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	37871-00-4	HpCDD (total)	0.67	JqB	0.047	7.8	pg/g	J	bl,i,k,sp	MB contamination; IS %R; EMPC; < PQL	0.152; 32	0.46; 40-135	pg/g; %
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	36088-22-9	PeCDD (total)	0.078	Jq	0.043	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	34465-46-8	HxCDD (total)	0.53	JqB	0.026	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.21	JB	0.059	7.8	pg/g	J	sp	< PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.23	JB	0.064	7.8	pg/g	J	sp	< PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	30402-15-4	PeCDF (total)	0.36	Jq	0.033	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	55684-94-1	HxCDF (total)	0.76	JqB	0.059	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401805932	RIDB-26-30.0-20170324	3/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.35	JB	0.047	7.8	pg/g	J-	i,sp	IS %R; < PQL	32	40-135	%
4401805932	RIDB-26-5.0-20170323	3/23/2017	8290	55684-94-1	HxCDF (total)	1300	BqG	7.4	7.4	pg/g	J	k	EMPC			
4401805932	RIDB-26-5.0-20170323	3/23/2017	8290	36088-22-9	PeCDD (total)	94	q	0.87	6.7	pg/g	J	k	EMPC			
4401806962	RIDB-22-1.0-20170327	3/27/2017	8290	34465-46-8	HxCDD (total)	120	qB	0.20	5.5	pg/g	J	k	EMPC			
4401806962	RIDB-22-1.0-20170327	3/27/2017	8290	30402-15-4	PeCDF (total)	1400	Gq	9.1	9.1	pg/g	J	k	EMPC			
4401806962	RIDB-22-1.0-20170327-FD	3/27/2017	8290	34465-46-8	HxCDD (total)	120	qB	0.15	4.9	pg/g	J	k	EMPC			
4401806962	RIDB-22-1.0-20170327-FD	3/27/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	16	q	0.15	4.9	pg/g	J	k	EMPC			
4401806962	RIDB-22-1.0-20170327-FD	3/27/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	2.6	q	0.38	0.97	pg/g	J	k	EMPC			
4401806962	RIDB-22-1.0-20170327-FD	3/27/2017	8290	41903-57-5	TCDD (total)	110	q	0.38	0.97	pg/g	J	k	EMPC			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.63	J	0.11	5.1	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	41903-57-5	TCDD (total)	0.98	Jq	0.030	1.0	pg/g	J	k,sp	EMPC; < PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.39	JB	0.030	5.1	pg/g	J	sp	< PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.050	Jq	0.041	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	2.8	JB	0.24	5.1	pg/g	J	sp	< PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.31	JqB	0.22	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	30402-15-4	PeCDF (total)	9.1	q	0.11	5.1	pg/g	J	k	EMPC			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	55684-94-1	HxCDF (total)	11	qB	0.22	5.1	pg/g	J	k	EMPC			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	30402-14-3	Tetrachlorodibenzofuran	8.3	qB	0.041	1.0	pg/g	J	k	EMPC			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.54	JB	0.026	5.1	pg/g	J	sp	< PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.082	Jq	0.042	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	37871-00-4	HpCDD (total)	0.89	JB	0.026	5.1	pg/g	J	bl,sp	MB contamination; < PQL	0.189	0.945	pg/g
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	34465-46-8	HxCDD (total)	1.3	JqB	0.035	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.95	JB	0.075	1.0	pg/g	J	sp	< PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.36	J	0.22	5.1	pg/g	J	sp	< PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.23	Jq	0.034	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.5	J	0.20	5.1	pg/g	J	sp	< PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.2	J	0.10	5.1	pg/g	J	sp	< PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.4	JB	0.098	5.1	pg/g	J	sp	< PQL			
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.76	JB	0.018	10	pg/g	J	bl,sp	MB contamination; < PQL	0.322	1.61	pg/g
4401806962	RIDB-22-10.0-20170327	3/27/2017	8290	36088-22-9	PeCDD (total)	0.93	Jq	0.042	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401806962	RIDB-22-20.0-20170327	3/27/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1.0	Jq	0.17	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401806962	RIDB-22-20.0-20170327	3/27/2017	8290	36088-22-9	PeCDD (total)	36	q	0.50	5.5	pg/g	J	k	EMPC			
4401806962	RIDB-22-20.0-20170327	3/27/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3.0	J	0.50	5.5	pg/g	J	sp	< PQL			
4401806962	RIDB-22-20.0-20170327	3/27/2017	8290	55684-94-1	HxCDF (total)	600	qB	3.8	5.5	pg/g	J	k	EMPC			
4401806962	RIDB-22-20.0-20170327	3/27/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.7	J	0.074	5.5	pg/g	J	sp	< PQL			
4401806962	RIDB-22-20.0-20170327	3/27/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.5	JB	0.054	5.5	pg/g	J	sp	< PQL			
4401806962	RIDB-22-20.0-20170327	3/27/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	5.3	J	0.060	5.5	pg/g	J	sp	< PQL			
4401806962	RIDB-22-20.0-20170327	3/27/2017	8290	41903-57-5	TCDD (total)	37	q	0.17	1.1	pg/g	J	k	EMPC			
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.35	JB	0.097	7.4	pg/g	J	bl,sp	MB contamination; < PQL	0.141	0.705	pg/g
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	41903-57-5	TCDD (total)	0.062	Jq	0.038	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	39001-02-0	Octachlorodibenzofuran	0.84	JB	0.043	15	pg/g	J	bl,sp	MB contamination; < PQL	0.645	3.225	pg/g
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	34465-46-8	HxCDD (total)	0.21	JB	0.026	7.4	pg/g	J	sp	< PQL			
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	55684-94-1	HxCDF (total)	0.30	JqB	0.062	7.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0728	0.364	pg/g
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.16	JqB	0.028	7.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0838	0.419	pg/g
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.074	JqB	0.034	1.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0213	0.1065	pg/g
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	30402-15-4	PeCDF (total)	0.27	Jq	0.034	7.4	pg/g	J	k,sp	EMPC; < PQL			
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	37871-00-4	HpCDD (total)	0.36	JqB	0.028	7.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.189	0.945	pg/g
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	38998-75-3	HpCDF (total)	0.42	JB	0.11	7.4	pg/g	J	bl,sp	MB contamination; < PQL	0.261	1.305	pg/g
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.094	JB	0.024	7.4	pg/g	J	sp	< PQL			
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.12	J	0.027	7.4	pg/g	J	sp	< PQL			
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.074	JqB	0.034	1.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0213	0.1065	pg/g
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.96	JB	0.033	15	pg/g	J	bl,sp	MB contamination; < PQL	0.322	1.61	pg/g
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.085	J	0.059	7.4	pg/g	J	sp	< PQL			
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.072	Jq	0.033	7.4	pg/g	J	k,sp	EMPC; < PQL			
4401806962	RIDB-22-30.0-20170327	3/27/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.11	JqB	0.064	7.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0237	0.1185	pg/g
4401806962	RIDB-22-5.0-20170327	3/27/2017	8290	41903-57-5	TCDD (total)	350	q	0.79	5.0	pg/g	J	k	EMPC			
4401806962	RIDB-22-5.0-20170327	3/27/2017	8290	36088-22-9	PeCDD (total)	400	q	5.0	25	pg/g	J	k	EMPC			
4401806962	RIDB-22-5.0-20170327	3/27/2017	8290	30402-15-4	PeCDF (total)	4800	Gq	32	32	pg/g	J	k	EMPC			
4401808192	RIDB-21-1.0-20170328	3/28/2017	8290	39001-02-0	Octachlorodibenzofuran	5200	EB	0.61	9.9	pg/g	J	e	> Calibration range			
4401808192	RIDB-21-1.0-20170328	3/28/2017	8290	38998-75-3	HpCDF (total)	4200	GB	5.1	5.1	pg/g	J	e	> Calibration range			
4401808192	RIDB-21-1.0-20170328	3/28/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2100	EB	4.6	4.9	pg/g	J	e	> Calibration range			
4401808192	RIDB-21-10.0-20170328	3/28/2017	8290	36088-22-9	PeCDD (total)	900	q	6.4	41	pg/g	J	k	EMPC			
4401808192	RIDB-21-10.0-20170328	3/28/2017	8290	41903-57-5	TCDD (total)	750	q	2.7	8.1	pg/g	J	k	EMPC			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	34465-46-8	HxCDD (total)	7.7	qB	0.059	6.7	pg/g	J	k	EMPC			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	30402-15-4	PeCDF (total)	91	q	0.40	6.7	pg/g	J	k	EMPC			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.0	JB	0.046	6.7	pg/g	J	sp	< PQL			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	30402-14-3	Tetrachlorodibenzofuran	81	qB	0.30	1.3	pg/g	J	k	EMPC			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	5.9	J	0.41	6.7	pg/g	J	sp	< PQL			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	37871-00-4	HpCDD (total)	6.2	JB	0.046	6.7	pg/g	J	sp	< PQL			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	36088-22-9	PeCDD (total)	7.2	q	0.12	6.7	pg/g	J	k	EMPC			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.8	JB	0.98	6.7	pg/g	J	sp	< PQL			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.32	Jq	0.086	1.3	pg/g	J	k,sp	EMPC; < PQL			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.54	J	0.063	6.7	pg/g	J	sp	< PQL			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	41903-57-5	TCDD (total)	7.1	q	0.086	1.3	pg/g	J	k	EMPC			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.2	JB	0.053	6.7	pg/g	J	sp	< PQL			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.2	J	0.94	6.7	pg/g	J	sp	< PQL			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.1	J	0.060	6.7	pg/g	J	sp	< PQL			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	5.8	JB	0.035	13	pg/g	J	sp	< PQL			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.64	J	0.12	6.7	pg/g	J	sp	< PQL			
4401808192	RIDB-21-20.0-20170328	3/28/2017	8290	55684-94-1	HxCDF (total)	100	qB	0.94	6.7	pg/g	J	k	EMPC			
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	38998-75-3	HpCDF (total)	1.3	JqB	0.044	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.261	1.305	pg/g
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	41903-57-5	TCDD (total)	0.068	Jq	0.032	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.16	JB	0.027	1.6	pg/g	J	sp	< PQL			
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.059	JqB	0.018	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0157	0.0785	pg/g
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.15	J	0.075	8.2	pg/g	J	sp	< PQL			
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.75	JB	0.028	16	pg/g	J	bl,sp	MB contamination; < PQL	0.322	1.61	pg/g
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.30	JB	0.048	8.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0634	0.317	pg/g
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	37871-00-4	HpCDD (total)	0.32	JqB	0.024	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.189	0.945	pg/g
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	34465-46-8	HxCDD (total)	0.16	JqB	0.020	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.59	JqB	0.027	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	55684-94-1	HxCDF (total)	0.68	JB	0.079	8.2	pg/g	J	sp	< PQL			
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.13	JqB	0.024	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0838	0.419	pg/g
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.12	JB	0.082	8.2	pg/g	J	sp	< PQL			
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	30402-15-4	PeCDF (total)	0.26	Jq	0.042	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	39001-02-0	Octachlorodibenzofuran	1.9	JB	0.043	16	pg/g	J	bl,sp	MB contamination; < PQL	0.645	3.225	pg/g
4401808192	RIDB-21-30.0-20170328	3/28/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.62	JB	0.040	8.2	pg/g	J	bl,sp	MB contamination; < PQL	0.141	0.705	pg/g
4401808192	RIDB-21-5.0-20170328	3/28/2017	8290	41903-57-5	TCDD (total)	15	q	0.064	0.99	pg/g	J	k	EMPC			
4401808192	RIDB-21-5.0-20170328	3/28/2017	8290	30402-15-4	PeCDF (total)	250	q	0.58	5.0	pg/g	J	k	EMPC			
4401808192	RIDB-21-5.0-20170328	3/28/2017	8290	36088-22-9	PeCDD (total)	19	q	0.16	5.0	pg/g	J	k	EMPC			
4401808192	RIDB-21-5.0-20170328	3/28/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.5	J	0.064	5.0	pg/g	J	sp	< PQL			
4401808192	RIDB-21-5.0-20170328	3/28/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.3	JB	0.054	5.0	pg/g	J	sp	< PQL			
4401808192	RIDB-21-5.0-20170328	3/28/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.53	Jq	0.064	0.99	pg/g	J	k,sp	EMPC; < PQL			
4401808192	RIDB-21-5.0-20170328	3/28/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.1	J	0.062	5.0	pg/g	J	sp	< PQL			
4401808192	RIDB-21-5.0-20170328	3/28/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.6	J	0.16	5.0	pg/g	J	sp	< PQL			
4401812002	RIDB-23-1.0-20170403	4/3/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.9	J	0.035	5.0	pg/g	J	sp	< PQL			
4401812002	RIDB-23-1.0-20170403	4/3/2017	8290	30402-15-4	PeCDF (total)	150	q	0.90	5.0	pg/g	J	k	EMPC			
4401812002	RIDB-23-1.0-20170403	4/3/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	3.7	JB	1.2	5.0	pg/g	J	sp	< PQL			
4401812002	RIDB-23-1.0-20170403	4/3/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.1	J	0.14	5.0	pg/g	J	sp	< PQL			
4401812002	RIDB-23-1.0-20170403	4/3/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.1	J	0.043	5.0	pg/g	J	sp	< PQL			
4401812002	RIDB-23-1.0-20170403	4/3/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.0	JB	0.032	5.0	pg/g	J	sp	< PQL			
4401812002	RIDB-23-1.0-20170403	4/3/2017	8290	41903-57-5	TCDD (total)	9.9	qB	0.038	1.0	pg/g	J	k	EMPC			
4401812002	RIDB-23-1.0-20170403	4/3/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.33	Jq	0.038	1.0	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	37871-00-4	HpCDD (total)	0.55	JqB	0.013	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.8	JB	0.034	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.58	JqB	0.040	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	39001-02-0	Octachlorodibenzofuran	6.3	JB	0.014	10	pg/g	J	sp	< PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.0	JB	0.038	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.18	J	0.0094	5.1	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.20	J	0.044	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.037	Jq	0.011	1.0	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.49	J	0.020	1.0	pg/g	J	sp	< PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	41903-57-5	TCDD (total)	0.37	JqB	0.011	1.0	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.44	J	0.034	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.26	J	0.035	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.9	JB	0.010	10	pg/g	J	sp	< PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	34465-46-8	HxCDD (total)	0.79	JqB	0.0097	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	36088-22-9	PeCDD (total)	0.45	Jq	0.015	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.081	Jq	0.015	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.23	JB	0.044	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	30402-15-4	PeCDF (total)	3.4	Jq	0.035	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	30402-14-3	Tetrachlorodibenzofuran	2.8	q	0.020	1.0	pg/g	J	k	EMPC			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.37	JB	0.013	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	55684-94-1	HxCDF (total)	4.0	JqB	0.044	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.0	JB	0.047	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.086	Jq	0.011	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-10.0-20170403	4/3/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.29	JqB	0.0084	5.1	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.052	Jq	0.033	7.4	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.57	J	0.025	1.5	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	2.1	JB	0.023	15	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	41903-57-5	TCDD (total)	0.48	JB	0.031	1.5	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	38998-75-3	HpCDF (total)	4.0	JB	0.043	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.16	JB	0.015	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.031	Jq	0.020	7.4	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.8	JB	0.041	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.24	J	0.016	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	34465-46-8	HxCDD (total)	0.74	JqB	0.017	7.4	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.25	J	0.035	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.36	JB	0.062	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.73	JB	0.067	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	30402-15-4	PeCDF (total)	2.3	Jq	0.034	7.4	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.51	JB	0.035	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	30402-14-3	Tetrachlorodibenzofuran	2.5	q	0.025	1.5	pg/g	J	k	EMPC			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	55684-94-1	HxCDF (total)	2.8	JB	0.062	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	37871-00-4	HpCDD (total)	0.80	JqB	0.035	7.4	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	39001-02-0	Octachlorodibenzofuran	4.6	JB	0.029	15	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.73	JB	0.046	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.38	J	0.034	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.43	JB	0.057	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	36088-22-9	PeCDD (total)	0.56	Jq	0.033	7.4	pg/g	J	k,sp	EMPC; < PQL			
4401812002	RIDB-23-20.0-20170403	4/3/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.11	J	0.063	7.4	pg/g	J	sp	< PQL			
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	41903-57-5	TCDD (total)	6.0	qB	0.040	1.0	pg/g	J	k	EMPC			
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.5	JB	0.047	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.0	JB	0.68	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.59	J	0.087	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	4.6	J	0.53	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.58	J	0.030	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	30402-14-3	Tetrachlorodibenzofuran	57	q	0.17	1.0	pg/g	J	k	EMPC			
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.1	JB	0.022	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2.9	J	0.68	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.0	J	0.024	5.1	pg/g	J	sp	< PQL			
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	6.2	JB	0.030	10	pg/g	J	sp	< PQL			
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.19	Jq	0.040	1.0	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401812002	RIDB-23-5.0-20170403	4/3/2017	8290	36088-22-9	PeCDD (total)	6.6	q	0.087	5.1	pg/g	J	k	EMPC			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	6.3	JB	0.059	8.4	pg/g	J	sp	< PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.1	J	0.072	8.4	pg/g	J	sp	< PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.2	J	0.12	8.4	pg/g	J	sp	< PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.60	J	0.15	8.4	pg/g	J	sp	< PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.27	Jq	0.047	8.4	pg/g	J	k,sp	EMPC; < PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	1.3	J	0.072	1.7	pg/g	J	sp	< PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	41903-57-5	TCDD (total)	0.54	Jq	0.076	1.7	pg/g	J	k,sp	EMPC; < PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.17	Jq	0.049	8.4	pg/g	J	k,sp	EMPC; < PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.57	J	0.12	8.4	pg/g	J	sp	< PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	37871-00-4	HpCDD (total)	2.0	JB	0.068	8.4	pg/g	J	sp	< PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	36088-22-9	PeCDD (total)	0.17	Jq	0.12	8.4	pg/g	J	k,sp	EMPC; < PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	34465-46-8	HxCDD (total)	1.3	Jq	0.046	8.4	pg/g	J	k,sp	EMPC; < PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.49	JB	0.16	8.4	pg/g	J	sp	< PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	3.0	J	0.15	8.4	pg/g	J	sp	< PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	30402-15-4	PeCDF (total)	6.3	Jq	0.12	8.4	pg/g	J	k,sp	EMPC; < PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	30402-14-3	Tetrachlorodibenzofuran	5.5	q	0.072	1.7	pg/g	J	k	EMPC			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.8	J	0.15	8.4	pg/g	J	sp	< PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	7.6	JB	0.078	17	pg/g	J	sp	< PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.3	JB	0.068	8.4	pg/g	J	sp	< PQL			
4401812972	RIDB-23-30.0-20170404	4/4/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.31	J	0.042	8.4	pg/g	J	sp	< PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	37871-00-4	HpCDD (total)	0.39	JqB	0.023	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.198	0.99	pg/g
4401814202	RI-5-10.0-20170405	4/5/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.069	JqB	0.028	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0345	0.1725	pg/g
4401814202	RI-5-10.0-20170405	4/5/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.36	J	0.030	6.8	pg/g	J	sp	< PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	55684-94-1	HxCDF (total)	1.2	JqB	0.028	6.8	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.18	JqB	0.023	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0939	0.4695	pg/g
4401814202	RI-5-10.0-20170405	4/5/2017	8290	30402-14-3	Tetrachlorodibenzofuran	2.3	qB	0.022	1.4	pg/g	J	k	EMPC			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.076	JB	0.010	6.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0311	0.1555	pg/g
4401814202	RI-5-10.0-20170405	4/5/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.13	J	0.029	6.8	pg/g	J	sp	< PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	39001-02-0	Octachlorodibenzofuran	1.8	JB	0.023	14	pg/g	J	sp	< PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	38998-75-3	HpCDF (total)	1.4	JqB	0.020	6.8	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	30402-15-4	PeCDF (total)	1.2	Jq	0.029	6.8	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	41903-57-5	TCDD (total)	0.074	J	0.024	1.4	pg/g	J	sp	< PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	36088-22-9	PeCDD (total)	0.064	Jq	0.029	6.8	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.63	JB	0.022	1.4	pg/g	J	sp	< PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.066	JqB	0.028	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0225	0.1125	pg/g
4401814202	RI-5-10.0-20170405	4/5/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.083	JqB	0.012	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0221	0.1105	pg/g
4401814202	RI-5-10.0-20170405	4/5/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.29	J	0.021	6.8	pg/g	J	sp	< PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.23	J	0.028	6.8	pg/g	J	sp	< PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.27	JB	0.025	6.8	pg/g	J	sp	< PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.69	JB	0.019	6.8	pg/g	J	sp	< PQL			
4401814202	RI-5-10.0-20170405	4/5/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.87	JB	0.025	14	pg/g	J	bl,sp	MB contamination; < PQL	0.252	1.26	pg/g
4401814202	RI-5-10.0-20170405	4/5/2017	8290	34465-46-8	HxCDD (total)	0.28	JqB	0.012	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0830	0.415	pg/g
4401814202	RI-5-20.0-20170405	4/5/2017	8290	34465-46-8	HxCDD (total)	0.56	JqB	0.023	8.0	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-20.0-20170405	4/5/2017	8290	37871-00-4	HpCDD (total)	0.30	JqB	0.060	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.198	0.99	pg/g
4401814202	RI-5-20.0-20170405	4/5/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.24	JB	0.033	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.0637	0.3185	pg/g
4401814202	RI-5-20.0-20170405	4/5/2017	8290	36088-22-9	PeCDD (total)	0.37	Jq	0.048	8.0	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-20.0-20170405	4/5/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.16	JqB	0.022	8.0	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-20.0-20170405	4/5/2017	8290	39001-02-0	Octachlorodibenzofuran	0.50	JB	0.042	16	pg/g	J	bl,sp	MB contamination; < PQL	0.101	0.505	pg/g
4401814202	RI-5-20.0-20170405	4/5/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.47	JqB	0.041	16	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.252	1.26	pg/g
4401814202	RI-5-20.0-20170405	4/5/2017	8290	55684-94-1	HxCDF (total)	0.45	JqB	0.023	8.0	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-20.0-20170405	4/5/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.063	JB	0.023	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.0225	0.1125	pg/g
4401814202	RI-5-20.0-20170405	4/5/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.052	Jq	0.037	8.0	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-20.0-20170405	4/5/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.092	JqB	0.021	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0216	0.108	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401814202	RI-5-20.0-20170405	4/5/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.089	JqB	0.019	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0311	0.1555	pg/g
4401814202	RI-5-20.0-20170405	4/5/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.13	JB	0.060	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.0939	0.4695	pg/g
4401814202	RI-5-20.0-20170405	4/5/2017	8290	41903-57-5	TCDD (total)	0.97	Jq	0.045	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-20.0-20170405	4/5/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.093	Jq	0.025	8.0	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-20.0-20170405	4/5/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.20	JB	0.023	8.0	pg/g	J	sp	< PQL			
4401814202	RI-5-20.0-20170405	4/5/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.35	JqB	0.025	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-20.0-20170405	4/5/2017	8290	38998-75-3	HpCDF (total)	0.37	JqB	0.035	8.0	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-20.0-20170405	4/5/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.055	JqB	0.025	1.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0176	0.088	pg/g
4401814202	RI-5-30.0-20170405	4/5/2017	8290	30402-15-4	PeCDF (total)	0.031	Jq	0.026	7.5	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-30.0-20170405	4/5/2017	8290	55684-94-1	HxCDF (total)	0.45	JqB	0.020	7.5	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-30.0-20170405	4/5/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.12	JqB	0.028	7.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0939	0.4695	pg/g
4401814202	RI-5-30.0-20170405	4/5/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.13	JqB	0.019	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-30.0-20170405	4/5/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.25	JqB	0.029	7.5	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-30.0-20170405	4/5/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.12	JB	0.018	7.5	pg/g	J	sp	< PQL			
4401814202	RI-5-30.0-20170405	4/5/2017	8290	34465-46-8	HxCDD (total)	0.19	JqB	0.019	7.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0830	0.415	pg/g
4401814202	RI-5-30.0-20170405	4/5/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.11	Jq	0.021	7.5	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-30.0-20170405	4/5/2017	8290	37871-00-4	HpCDD (total)	0.26	JqB	0.028	7.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.198	0.99	pg/g
4401814202	RI-5-30.0-20170405	4/5/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.066	JqB	0.016	7.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0311	0.1555	pg/g
4401814202	RI-5-30.0-20170405	4/5/2017	8290	38998-75-3	HpCDF (total)	0.36	JqB	0.030	7.5	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-30.0-20170405	4/5/2017	8290	41903-57-5	TCDD (total)	0.12	J	0.026	1.5	pg/g	J	sp	< PQL			
4401814202	RI-5-30.0-20170405	4/5/2017	8290	39001-02-0	Octachlorodibenzofuran	0.44	JqB	0.037	15	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.101	0.505	pg/g
4401814202	RI-5-30.0-20170405	4/5/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.066	JqB	0.018	7.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0216	0.108	pg/g
4401814202	RI-5-30.0-20170405	4/5/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.043	JqB	0.019	1.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0176	0.088	pg/g
4401814202	RI-5-30.0-20170405	4/5/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.58	JB	0.029	15	pg/g	J	bl,sp	MB contamination; < PQL	0.252	1.26	pg/g
4401814202	RI-5-30.0-20170405	4/5/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.19	JB	0.020	7.5	pg/g	J	sp	< PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	30402-14-3	Tetrachlorodibenzofuran	18	q	0.068	1.1	pg/g	J	k	EMPC			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.9	J	0.11	5.5	pg/g	J	sp	< PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	36088-22-9	PeCDD (total)	1.5	Jq	0.070	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	34465-46-8	HxCDD (total)	3.1	Jq	0.023	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.1	JB	0.042	5.5	pg/g	J	sp	< PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.71	JB	0.18	5.5	pg/g	J	sp	< PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.66	J	0.021	5.5	pg/g	J	sp	< PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.19	Jq	0.024	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	4.4	J	0.16	5.5	pg/g	J	sp	< PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.9	J	0.10	5.5	pg/g	J	sp	< PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.1	J	0.17	5.5	pg/g	J	sp	< PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.52	Jq	0.023	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.091	Jq	0.046	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	41903-57-5	TCDD (total)	1.2	q	0.046	1.1	pg/g	J	k	EMPC			
4401814202	RI-5-5.0-20170404	4/4/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.21	J	0.070	5.5	pg/g	J	sp	< PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.055	J	0.016	5.4	pg/g	J	sp	< PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.30	J	0.036	5.4	pg/g	J	sp	< PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.50	J	0.023	5.4	pg/g	J	sp	< PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	39001-02-0	Octachlorodibenzofuran	3.6	JB	0.025	11	pg/g	J	sp	< PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.12	JqB	0.032	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.11	JB	0.013	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0221	0.1105	pg/g
4401816612	RI-9-5.0-20170407	4/7/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.27	JB	0.020	1.1	pg/g	J	sp	< PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.87	JB	0.018	11	pg/g	J	bl,sp	MB contamination; < PQL	0.252	1.26	pg/g
4401816612	RI-9-5.0-20170407	4/7/2017	8290	38998-75-3	HpCDF (total)	2.8	JB	0.022	5.4	pg/g	J	sp	< PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.16	JqB	0.012	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.36	JB	0.029	5.4	pg/g	J	sp	< PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.5	JB	0.021	5.4	pg/g	J	sp	< PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.19	J	0.038	5.4	pg/g	J	sp	< PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	30402-15-4	PeCDF (total)	1.8	Jq	0.037	5.4	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401816612	RI-9-5.0-20170407	4/7/2017	8290	37871-00-4	HpCDD (total)	0.40	JqB	0.018	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.198	0.99	pg/g
4401816612	RI-9-5.0-20170407	4/7/2017	8290	36088-22-9	PeCDD (total)	0.072	Jq	0.032	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	34465-46-8	HxCDD (total)	0.47	JqB	0.014	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	55684-94-1	HxCDF (total)	2.3	JqB	0.032	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.24	JB	0.018	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0939	0.4695	pg/g
4401816612	RI-9-5.0-20170407	4/7/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.3	qB	0.020	1.1	pg/g	J	k	EMPC			
4401816612	RI-9-5.0-20170407	4/7/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.094	JqB	0.032	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0345	0.1725	pg/g
4401816612	RI-9-5.0-20170407	4/7/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.65	J	0.035	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.0	JB	0.018	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	38998-75-3	HpCDF (total)	2.1	JBq	0.019	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.18	Jq	0.028	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.41	J	0.021	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	39001-02-0	Octachlorodibenzofuran	2.9	JB	0.048	11	pg/g	J	sp	< PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.076	Jq	0.053	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.095	Jq	0.020	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.19	J	0.028	1.1	pg/g	J	sp	< PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.57	JB	0.024	11	pg/g	J	bl,sp	MB contamination; < PQL	0.463	2.315	pg/g
4401817162	RI-7-10.0-20170408	4/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.29	J	0.051	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.20	JB	0.055	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0416	0.208	pg/g
4401817162	RI-7-10.0-20170408	4/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.14	J	0.017	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.92	Jq	0.028	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.024	Jq	0.021	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.44	J	0.054	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	30402-15-4	PeCDF (total)	1.2	Jq	0.028	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	55684-94-1	HxCDF (total)	1.9	JBq	0.053	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	34465-46-8	HxCDD (total)	0.47	Jq	0.019	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	37871-00-4	HpCDD (total)	0.31	JBq	0.023	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.233	1.165	pg/g
4401817162	RI-7-10.0-20170408	4/8/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.093	J	0.028	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-10.0-20170408	4/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.15	JBq	0.023	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.112	0.56	pg/g
4401817162	RI-7-20.0-20170408	4/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.5	JB	0.027	11	pg/g	J	bl,sp	MB contamination; < PQL	0.463	2.315	pg/g
4401817162	RI-7-20.0-20170408	4/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.24	JB	0.013	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0838	0.419	pg/g
4401817162	RI-7-20.0-20170408	4/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.15	JB	0.036	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0416	0.208	pg/g
4401817162	RI-7-20.0-20170408	4/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.075	Jq	0.036	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	30402-15-4	PeCDF (total)	0.075	Jq	0.031	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	55684-94-1	HxCDF (total)	0.35	JqB	0.035	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.20	JB	0.023	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.112	0.56	pg/g
4401817162	RI-7-20.0-20170408	4/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.25	Jq	0.027	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	37871-00-4	HpCDD (total)	0.36	JqB	0.023	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.233	1.165	pg/g
4401817162	RI-7-20.0-20170408	4/8/2017	8290	34465-46-8	HxCDD (total)	0.66	J	0.022	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.036	Jq	0.027	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	41903-57-5	TCDD (total)	0.093	Jq	0.038	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.028	J	0.024	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.062	Jq	0.034	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.19	J	0.023	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.061	J	0.035	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	38998-75-3	HpCDF (total)	0.48	JqB	0.015	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.135	0.675	pg/g
4401817162	RI-7-20.0-20170408	4/8/2017	8290	39001-02-0	Octachlorodibenzofuran	1.0	JB	0.041	11	pg/g	J	sp	< PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.44	J	0.020	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-20.0-20170408	4/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.12	J	0.016	5.4	pg/g	J	sp	< PQL			
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.10	J	0.016	5.5	pg/g	J	sp	< PQL			
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.21	JqB	0.013	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0838	0.419	pg/g
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	39001-02-0	Octachlorodibenzofuran	0.86	JB	0.036	11	pg/g	J	bl,sp	MB contamination; < PQL	0.175	0.875	pg/g
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.11	Jq	0.019	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.5	JB	0.028	11	pg/g	J	bl,sp	MB contamination; < PQL	0.463	2.315	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	41903-57-5	TCDD (total)	0.083	Jq	0.031	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.39	J	0.017	5.5	pg/g	J	sp	< PQL			
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	34465-46-8	HxCDD (total)	0.58	Jq	0.019	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	55684-94-1	HxCDF (total)	0.17	JB	0.043	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0416	0.208	pg/g
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.27	JB	0.022	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.112	0.56	pg/g
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.19	J	0.023	1.1	pg/g	J	sp	< PQL			
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.17	JB	0.045	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0416	0.208	pg/g
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	30402-15-4	PeCDF (total)	0.049	Jq	0.025	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	37871-00-4	HpCDD (total)	0.43	JqB	0.022	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.233	1.165	pg/g
4401817162	RI-7-20.0-20170408-FD	4/8/2017	8290	38998-75-3	HpCDF (total)	0.64	JqB	0.015	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.135	0.675	pg/g
4401817162	RI-7-30.0-20170408	4/8/2017	8290	39001-02-0	Octachlorodibenzofuran	1.5	JB	0.060	17	pg/g	J	sp	< PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.11	Jq	0.026	8.3	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.15	Jq	0.033	1.7	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.80	JB	0.037	17	pg/g	J	bl,sp	MB contamination; < PQL	0.463	2.315	pg/g
4401817162	RI-7-30.0-20170408	4/8/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.10	Jq	0.048	8.3	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	38998-75-3	HpCDF (total)	1.1	JqB	0.026	8.3	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.30	J	0.029	8.3	pg/g	J	sp	< PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.19	J	0.046	8.3	pg/g	J	sp	< PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.19	J	0.029	8.3	pg/g	J	sp	< PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	55684-94-1	HxCDF (total)	1.3	JqB	0.049	8.3	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.15	Jq	0.042	8.3	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.52	JB	0.023	8.3	pg/g	J	sp	< PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	34465-46-8	HxCDD (total)	0.40	Jq	0.029	8.3	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.52	Jq	0.033	1.7	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	37871-00-4	HpCDD (total)	0.43	JqB	0.035	8.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.233	1.165	pg/g
4401817162	RI-7-30.0-20170408	4/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.25	JB	0.035	8.3	pg/g	J	bl,sp	MB contamination; < PQL	0.112	0.56	pg/g
4401817162	RI-7-30.0-20170408	4/8/2017	8290	30402-15-4	PeCDF (total)	0.56	Jq	0.042	8.3	pg/g	J	k,sp	EMPC; < PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.25	J	0.049	8.3	pg/g	J	sp	< PQL			
4401817162	RI-7-30.0-20170408	4/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.23	JB	0.050	8.3	pg/g	J	sp	< PQL			
4401817162	RI-7-5.0-20170408	4/8/2017	8290	30402-15-4	PeCDF (total)	220	q	1.0	5.3	pg/g	J	k	EMPC			
4401817162	RI-7-5.0-20170408	4/8/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.56	J	0.11	1.1	pg/g	J	sp	< PQL			
4401817162	RI-7-5.0-20170408	4/8/2017	8290	41903-57-5	TCDD (total)	14	q	0.11	1.1	pg/g	J	k	EMPC			
4401817162	RI-7-5.0-20170408	4/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.9	J	0.036	5.3	pg/g	J	sp	< PQL			
4401817162	RI-7-5.0-20170408	4/8/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.3	J	0.042	5.3	pg/g	J	sp	< PQL			
4401817162	RI-7-5.0-20170408	4/8/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.6	J	0.18	5.3	pg/g	J	sp	< PQL			
4401817162	RI-7-5.0-20170408	4/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.9	J	0.040	5.3	pg/g	J	sp	< PQL			
4401817162	RI-7-5.0-20170408	4/8/2017	8290	34465-46-8	HxCDD (total)	20	q	0.039	5.3	pg/g	J	k	EMPC			
4401817222	RI-10-10.0-20170409	4/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	5.6	q	0.061	5.3	pg/g	J	k	EMPC			
4401817222	RI-10-10.0-20170409	4/9/2017	8290	41903-57-5	TCDD (total)	31	q	0.12	1.1	pg/g	J	k	EMPC			
4401817222	RI-10-10.0-20170409	4/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	5.0	J	0.054	5.3	pg/g	J	sp	< PQL			
4401817222	RI-10-10.0-20170409	4/9/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.7	J	0.064	5.3	pg/g	J	sp	< PQL			
4401817222	RI-10-10.0-20170409	4/9/2017	8290	36088-22-9	PeCDD (total)	33	q	0.33	5.3	pg/g	J	k	EMPC			
4401817222	RI-10-10.0-20170409	4/9/2017	8290	34465-46-8	HxCDD (total)	39	q	0.060	5.3	pg/g	J	k	EMPC			
4401817222	RI-10-10.0-20170409	4/9/2017	8290	30402-15-4	PeCDF (total)	390	q	1.8	5.3	pg/g	J	k	EMPC			
4401817222	RI-10-10.0-20170409	4/9/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3.3	J	0.33	5.3	pg/g	J	sp	< PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	36088-22-9	PeCDD (total)	0.64	Jq	0.032	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.22	J	0.019	5.3	pg/g	J	sp	< PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.62	JB	0.022	5.3	pg/g	J	sp	< PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	30402-14-3	Tetrachlorodibenzofuran	7.7	q	0.049	1.1	pg/g	J	k	EMPC			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.33	JB	0.077	5.3	pg/g	J	sp	< PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	2.6	J	0.075	5.3	pg/g	J	sp	< PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	30402-15-4	PeCDF (total)	8.4	q	0.071	5.3	pg/g	J	k	EMPC			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.079	Jq	0.032	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.55	J	0.072	5.3	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401817222	RI-10-5.0-20170409	4/9/2017	8290	55684-94-1	HxCDF (total)	11	qB	0.074	5.3	pg/g	J	k	EMPC			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	37871-00-4	HpCDD (total)	1.0	JB	0.022	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.233	1.165	pg/g
4401817222	RI-10-5.0-20170409	4/9/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.36	J	0.074	5.3	pg/g	J	sp	< PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	3.0	JB	0.030	11	pg/g	J	sp	< PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.6	J	0.071	5.3	pg/g	J	sp	< PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.0	J	0.071	5.3	pg/g	J	sp	< PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.3	J	0.041	5.3	pg/g	J	sp	< PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.070	Jq	0.020	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	41903-57-5	TCDD (total)	0.53	Jq	0.036	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.24	J	0.017	5.3	pg/g	J	sp	< PQL			
4401817222	RI-10-5.0-20170409	4/9/2017	8290	34465-46-8	HxCDD (total)	1.0	Jq	0.018	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	38998-75-3	HpCDF (total)	5.0	JB	0.023	5.4	pg/g	J	sp	< PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.42	J	0.035	1.1	pg/g	J	sp	< PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.12	Jq	0.031	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.14	J	0.060	5.4	pg/g	J	sp	< PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	39001-02-0	Octachlorodibenzofuran	7.8	JB	0.049	11	pg/g	J	sp	< PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.92	J	0.025	5.4	pg/g	J	sp	< PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.37	J	0.044	5.4	pg/g	J	sp	< PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	3.4	JB	0.035	11	pg/g	J	sp	< PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	41903-57-5	TCDD (total)	0.076	Jq	0.033	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.17	JB	0.062	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0416	0.208	pg/g
4401817222	RI-9-10.0-20170408	4/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.65	J	0.057	5.4	pg/g	J	sp	< PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.5	JB	0.021	5.4	pg/g	J	sp	< PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.22	J	0.045	5.4	pg/g	J	sp	< PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	37871-00-4	HpCDD (total)	0.78	JB	0.024	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.233	1.165	pg/g
4401817222	RI-9-10.0-20170408	4/8/2017	8290	34465-46-8	HxCDD (total)	0.40	Jq	0.031	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.0	J	0.061	5.4	pg/g	J	sp	< PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	30402-15-4	PeCDF (total)	2.7	Jq	0.044	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	55684-94-1	HxCDF (total)	4.0	JqB	0.060	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.43	JB	0.024	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.112	0.56	pg/g
4401817222	RI-9-10.0-20170408	4/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	2.0	q	0.035	1.1	pg/g	J	k	EMPC			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.18	J	0.028	5.4	pg/g	J	sp	< PQL			
4401817222	RI-9-10.0-20170408	4/8/2017	8290	36088-22-9	PeCDD (total)	0.10	Jq	0.044	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	55684-94-1	HxCDF (total)	63	qB	0.32	5.7	pg/g	J	k	EMPC			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.32	J	0.072	5.7	pg/g	J	sp	< PQL			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.67	J	0.022	5.7	pg/g	J	sp	< PQL			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	41903-57-5	TCDD (total)	2.8	q	0.055	1.1	pg/g	J	k	EMPC			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.26	J	0.026	5.7	pg/g	J	sp	< PQL			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	34465-46-8	HxCDD (total)	4.3	Jq	0.024	5.7	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	6.3	JB	0.039	11	pg/g	J	sp	< PQL			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.65	Jq	0.025	5.7	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.9	J	0.32	5.7	pg/g	J	sp	< PQL			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.6	JB	0.039	5.7	pg/g	J	sp	< PQL			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	38	q	0.19	1.1	pg/g	J	k	EMPC			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	30402-15-4	PeCDF (total)	50	q	0.27	5.7	pg/g	J	k	EMPC			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	37871-00-4	HpCDD (total)	4.4	JB	0.039	5.7	pg/g	J	sp	< PQL			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	3.2	J	0.28	5.7	pg/g	J	sp	< PQL			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	36088-22-9	PeCDD (total)	3.3	Jq	0.072	5.7	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-20.0-20170408	4/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.5	JB	0.33	5.7	pg/g	J	sp	< PQL			
4401817222	RI-9-30.0-20170408	4/8/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.15	JqB	0.028	7.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.112	0.56	pg/g
4401817222	RI-9-30.0-20170408	4/8/2017	8290	39001-02-0	Octachlorodibenzofuran	0.79	JB	0.048	14	pg/g	J	bl,sp	MB contamination; < PQL	0.175	0.875	pg/g
4401817222	RI-9-30.0-20170408	4/8/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.11	J	0.018	7.2	pg/g	J	sp	< PQL			
4401817222	RI-9-30.0-20170408	4/8/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.094	Jq	0.053	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-30.0-20170408	4/8/2017	8290	38998-75-3	HpCDF (total)	0.57	JB	0.017	7.2	pg/g	J	bl,sp	MB contamination; < PQL	0.135	0.675	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401817222	RI-9-30.0-20170408	4/8/2017	8290	41903-57-5	TCDD (total)	0.040	Jq	0.038	1.4	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-30.0-20170408	4/8/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.30	JB	0.015	7.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0838	0.419	pg/g
4401817222	RI-9-30.0-20170408	4/8/2017	8290	37871-00-4	HpCDD (total)	0.32	JqB	0.028	7.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.233	1.165	pg/g
4401817222	RI-9-30.0-20170408	4/8/2017	8290	34465-46-8	HxCDD (total)	0.059	Jq	0.021	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-30.0-20170408	4/8/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.090	JB	0.057	7.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0416	0.208	pg/g
4401817222	RI-9-30.0-20170408	4/8/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.11	Jq	0.056	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-30.0-20170408	4/8/2017	8290	30402-15-4	PeCDF (total)	0.085	Jq	0.029	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-30.0-20170408	4/8/2017	8290	55684-94-1	HxCDF (total)	0.35	JqB	0.055	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401817222	RI-9-30.0-20170408	4/8/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.85	JB	0.035	14	pg/g	J	bl,sp	MB contamination; < PQL	0.463	2.315	pg/g
4401817222	RI-9-30.0-20170408	4/8/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.049	Jq	0.029	1.4	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	34465-46-8	HxCDD (total)	1.3	Jq	0.027	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	3.5	J	0.11	5.2	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	30402-15-4	PeCDF (total)	11	q	0.10	5.2	pg/g	J	k	EMPC			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	55684-94-1	HxCDF (total)	15	qB	0.11	5.2	pg/g	J	k	EMPC			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.67	JB	0.032	5.2	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	8.1	q	0.068	1.0	pg/g	J	k	EMPC			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.78	J	0.39	1.0	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.50	J	0.11	5.2	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.4	J	0.10	5.2	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.32	Jq	0.028	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.050	Jq	0.029	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	2.8	J	0.054	5.2	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.67	J	0.11	5.2	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.3	JB	0.035	10	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	36088-22-9	PeCDD (total)	0.98	Jq	0.057	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	37871-00-4	HpCDD (total)	1.1	JB	0.032	5.2	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.45	JB	0.11	5.2	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	41903-57-5	TCDD (total)	0.46	J	0.051	1.0	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.42	J	0.025	5.2	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.13	J	0.057	5.2	pg/g	J	sp	< PQL			
4401817452	RI-20-10.0-20170410	4/10/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	2.3	J	0.10	5.2	pg/g	J	sp	< PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.36	Jq	0.067	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	34465-46-8	HxCDD (total)	0.36	Jq	0.022	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	39001-02-0	Octachlorodibenzofuran	2.5	JB	0.059	11	pg/g	J	sp	< PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.40	J	0.022	5.5	pg/g	J	sp	< PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.25	Jq	0.043	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.32	J	0.063	5.5	pg/g	J	sp	< PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.66	JB	0.029	11	pg/g	J	bl,sp	MB contamination; < PQL	0.463	2.315	pg/g
4401817452	RI-20-20.0-20170410	4/10/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.16	Jq	0.037	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.13	J	0.023	5.5	pg/g	J	sp	< PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.17	Jq	0.020	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.17	JqB	0.031	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.112	0.56	pg/g
4401817452	RI-20-20.0-20170410	4/10/2017	8290	38998-75-3	HpCDF (total)	2.0	JB	0.020	5.5	pg/g	J	sp	< PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	37871-00-4	HpCDD (total)	0.34	JqB	0.031	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.233	1.165	pg/g
4401817452	RI-20-20.0-20170410	4/10/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.11	J	0.044	5.5	pg/g	J	sp	< PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.0	JB	0.018	5.5	pg/g	J	sp	< PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	30402-15-4	PeCDF (total)	1.1	Jq	0.044	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.2	q	0.037	1.1	pg/g	J	k	EMPC			
4401817452	RI-20-20.0-20170410	4/10/2017	8290	55684-94-1	HxCDF (total)	1.3	JqB	0.066	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-30.0-20170410	4/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.16	J	0.022	6.7	pg/g	J	sp	< PQL			
4401817452	RI-20-30.0-20170410	4/10/2017	8290	30402-15-4	PeCDF (total)	0.34	Jq	0.035	6.7	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-30.0-20170410	4/10/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.14	J	0.047	6.7	pg/g	J	sp	< PQL			
4401817452	RI-20-30.0-20170410	4/10/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.15	J	0.035	6.7	pg/g	J	sp	< PQL			
4401817452	RI-20-30.0-20170410	4/10/2017	8290	39001-02-0	Octachlorodibenzofuran	1.2	JB	0.077	13	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401817452	RI-20-30.0-20170410	4/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.70	JB	0.042	13	pg/g	J	bl,sp	MB contamination; < PQL	0.463	2.315	pg/g
4401817452	RI-20-30.0-20170410	4/10/2017	8290	41903-57-5	TCDD (total)	0.080	Jq	0.048	1.3	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-30.0-20170410	4/10/2017	8290	38998-75-3	HpCDF (total)	0.80	JqB	0.020	6.7	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-30.0-20170410	4/10/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.37	JqB	0.018	6.7	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-30.0-20170410	4/10/2017	8290	37871-00-4	HpCDD (total)	0.33	JqB	0.032	6.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.233	1.165	pg/g
4401817452	RI-20-30.0-20170410	4/10/2017	8290	34465-46-8	HxCDD (total)	0.081	J	0.024	6.7	pg/g	J	sp	< PQL			
4401817452	RI-20-30.0-20170410	4/10/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.18	Jq	0.050	6.7	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-30.0-20170410	4/10/2017	8290	55684-94-1	HxCDF (total)	0.56	JqB	0.049	6.7	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-30.0-20170410	4/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.17	JB	0.032	6.7	pg/g	J	bl,sp	MB contamination; < PQL	0.112	0.56	pg/g
4401817452	RI-20-30.0-20170410	4/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.16	J	0.033	1.3	pg/g	J	sp	< PQL			
4401817452	RI-20-30.0-20170410	4/10/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.098	JB	0.050	6.7	pg/g	J	sp	< PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	2.3	J	0.15	5.4	pg/g	J	sp	< PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.9	JB	0.038	11	pg/g	J	sp	< PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.5	J	0.062	5.4	pg/g	J	sp	< PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	30402-15-4	PeCDF (total)	9.0	q	0.14	5.4	pg/g	J	k	EMPC			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.1	J	0.14	5.4	pg/g	J	sp	< PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.21	Jq	0.035	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	55684-94-1	HxCDF (total)	17	qB	0.16	5.4	pg/g	J	k	EMPC			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.78	JB	0.046	5.4	pg/g	J	sp	< PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	6.8	q	0.064	1.1	pg/g	J	k	EMPC			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	3.8	J	0.16	5.4	pg/g	J	sp	< PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.59	Jq	0.14	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	37871-00-4	HpCDD (total)	1.3	JB	0.046	5.4	pg/g	J	sp	< PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	36088-22-9	PeCDD (total)	0.39	Jq	0.086	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	41903-57-5	TCDD (total)	0.39	Jq	0.051	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.28	Jq	0.031	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.088	J	0.036	5.4	pg/g	J	sp	< PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.71	J	0.45	1.1	pg/g	J	sp	< PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	34465-46-8	HxCDD (total)	1.3	Jq	0.034	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.49	JB	0.17	5.4	pg/g	J	sp	< PQL			
4401817452	RI-20-5.0-20170410	4/10/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.61	J	0.16	5.4	pg/g	J	sp	< PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	37871-00-4	HpCDD (total)	0.66	JB	0.046	8.6	pg/g	J	bl,sp	MB contamination; < PQL	0.233	1.165	pg/g
4401817492	RI-10-20.0-20170410	4/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	2.1	q	0.043	1.7	pg/g	J	k	EMPC			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.34	JB	0.046	8.6	pg/g	J	bl,sp	MB contamination; < PQL	0.112	0.56	pg/g
4401817492	RI-10-20.0-20170410	4/10/2017	8290	55684-94-1	HxCDF (total)	1.7	JqB	0.086	8.6	pg/g	J	k,sp	EMPC; < PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.99	JB	0.027	8.6	pg/g	J	sp	< PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	30402-15-4	PeCDF (total)	0.99	Jq	0.067	8.6	pg/g	J	k,sp	EMPC; < PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.47	J	0.088	8.6	pg/g	J	sp	< PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	34465-46-8	HxCDD (total)	0.24	Jq	0.037	8.6	pg/g	J	k,sp	EMPC; < PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.50	J	0.082	8.6	pg/g	J	sp	< PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	38998-75-3	HpCDF (total)	2.1	JB	0.029	8.6	pg/g	J	sp	< PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	36088-22-9	PeCDD (total)	0.16	Jq	0.076	8.6	pg/g	J	k,sp	EMPC; < PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.11	JqB	0.089	8.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0416	0.208	pg/g
4401817492	RI-10-20.0-20170410	4/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.46	J	0.032	8.6	pg/g	J	sp	< PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	39001-02-0	Octachlorodibenzofuran	2.8	JB	0.11	17	pg/g	J	sp	< PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.31	J	0.043	1.7	pg/g	J	sp	< PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	41903-57-5	TCDD (total)	0.39	Jq	0.069	1.7	pg/g	J	k,sp	EMPC; < PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.055	Jq	0.034	8.6	pg/g	J	k,sp	EMPC; < PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.34	J	0.066	8.6	pg/g	J	sp	< PQL			
4401817492	RI-10-20.0-20170410	4/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.5	JB	0.050	17	pg/g	J	bl,sp	MB contamination; < PQL	0.463	2.315	pg/g
4401817492	RI-10-30.0-20170410	4/10/2017	8290	39001-02-0	Octachlorodibenzofuran	0.87	JB	0.13	16	pg/g	J	bl,sp	MB contamination; < PQL	0.175	0.875	pg/g
4401817492	RI-10-30.0-20170410	4/10/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.18	JB	0.084	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.0416	0.208	pg/g
4401817492	RI-10-30.0-20170410	4/10/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.10	J	0.057	1.6	pg/g	J	sp	< PQL			
4401817492	RI-10-30.0-20170410	4/10/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.19	JqB	0.067	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.112	0.56	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401817492	RI-10-30.0-20170410	4/10/2017	8290	55684-94-1	HxCDF (total)	0.28	JqB	0.081	8.0	pg/g	J	k,sp	EMPC; < PQL			
4401817492	RI-10-30.0-20170410	4/10/2017	8290	38998-75-3	HpCDF (total)	0.58	JqB	0.026	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.135	0.675	pg/g
4401817492	RI-10-30.0-20170410	4/10/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.13	J	0.051	8.0	pg/g	J	sp	< PQL			
4401817492	RI-10-30.0-20170410	4/10/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.7	JB	0.080	16	pg/g	J	bl,sp	MB contamination; < PQL	0.463	2.315	pg/g
4401817492	RI-10-30.0-20170410	4/10/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.15	Jq	0.029	8.0	pg/g	J	k,sp	EMPC; < PQL			
4401817492	RI-10-30.0-20170410	4/10/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.10	J	0.057	1.6	pg/g	J	sp	< PQL			
4401817492	RI-10-30.0-20170410	4/10/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.29	JqB	0.024	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0838	0.419	pg/g
4401817492	RI-10-30.0-20170410	4/10/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.091	Jq	0.082	8.0	pg/g	J	k,sp	EMPC; < PQL			
4401817492	RI-10-30.0-20170410	4/10/2017	8290	37871-00-4	HpCDD (total)	0.47	JqB	0.067	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.233	1.165	pg/g
4401817492	RI-10-30.0-20170410	4/10/2017	8290	34465-46-8	HxCDD (total)	0.13	J	0.050	8.0	pg/g	J	sp	< PQL			
4401817492	RI-10-30.0-20170410	4/10/2017	8290	30402-15-4	PeCDF (total)	0.13	Jq	0.055	8.0	pg/g	J	k,sp	EMPC; < PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.0	JB	0.033	5.2	pg/g	J	sp	< PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.44	Jq	0.022	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.37	JB	0.058	5.2	pg/g	J	sp	< PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	3.3	JB	0.089	5.2	pg/g	J	sp	< PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	4.4	JB	0.12	5.2	pg/g	J	sp	< PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	30402-15-4	PeCDF (total)	25	qB	0.091	5.2	pg/g	J	k	EMPC			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	3.3	JB	0.029	10	pg/g	J	sp	< PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	30402-14-3	Tetrachlorodibenzofuran	22	qB	0.059	1.0	pg/g	J	k	EMPC			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.95	JqB	0.14	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	55684-94-1	HxCDF (total)	30	qB	0.14	5.2	pg/g	J	k	EMPC			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	34465-46-8	HxCDD (total)	2.9	JqB	0.023	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	36088-22-9	PeCDD (total)	2.0	JqB	0.058	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.63	JqB	0.14	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	41903-57-5	TCDD (total)	1.6	q	0.033	1.0	pg/g	J	k	EMPC			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.51	JB	0.020	5.2	pg/g	J	sp	< PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.27	J	0.027	5.2	pg/g	J	sp	< PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	37871-00-4	HpCDD (total)	3.1	JB	0.033	5.2	pg/g	J	sp	< PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.8	JB	0.092	5.2	pg/g	J	sp	< PQL			
4401824942	RI-24-1.0-20170418	4/18/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.18	Jq	0.033	1.0	pg/g	J	k,sp	EMPC; < PQL			
4401824942	RI-24-10.0-20170418	4/18/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.15	JqB	0.017	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0732	0.366	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	37871-00-4	HpCDD (total)	0.51	JB	0.017	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.198	0.99	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.4	JB	0.020	11	pg/g	J	bl,sp	MB contamination; < PQL	0.373	1.865	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.63	JB	0.035	5.5	pg/g	J	sp	< PQL			
4401824942	RI-24-10.0-20170418	4/18/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.15	JB	0.021	1.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0808	0.404	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.12	Jq	0.019	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401824942	RI-24-10.0-20170418	4/18/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.60	JqB	0.021	1.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.139	0.695	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.041	JB	0.032	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0556	0.278	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.27	JB	0.017	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.112	0.56	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.10	JqB	0.029	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0351	0.1755	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	30402-15-4	PeCDF (total)	0.38	JqB	0.041	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0928	0.464	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.22	JB	0.034	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0568	0.284	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.15	JqB	0.032	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0781	0.3905	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	39001-02-0	Octachlorodibenzofuran	1.5	JB	0.026	11	pg/g	J	sp	< PQL			
4401824942	RI-24-10.0-20170418	4/18/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.17	JqB	0.039	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0783	0.3915	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	38998-75-3	HpCDF (total)	1.3	JqB	0.037	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401824942	RI-24-10.0-20170418	4/18/2017	8290	36088-22-9	PeCDD (total)	0.040	JB	0.032	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0324	0.162	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	34465-46-8	HxCDD (total)	0.27	JqB	0.020	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0732	0.366	pg/g
4401824942	RI-24-10.0-20170418	4/18/2017	8290	55684-94-1	HxCDF (total)	0.88	JqB	0.031	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.226	1.13	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.43	JqB	0.016	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.373	1.865	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.11	JB	0.014	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0732	0.366	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.12	JqB	0.019	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0351	0.1755	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	38998-75-3	HpCDF (total)	0.93	JqB	0.023	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401824942	RI-24-20.0-20170418	4/18/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.11	JqB	0.016	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.112	0.56	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401824942	RI-24-20.0-20170418	4/18/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.19	JqB	0.024	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0783	0.3915	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.47	JB	0.022	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0965	0.4825	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.050	JB	0.022	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0364	0.182	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	37871-00-4	HpCDD (total)	0.26	JqB	0.016	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.198	0.99	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	55684-94-1	HxCDF (total)	0.82	JqB	0.020	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.226	1.13	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.29	JqB	0.014	1.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.139	0.695	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.23	JB	0.022	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0568	0.284	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	30402-15-4	PeCDF (total)	0.40	JqB	0.021	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0928	0.464	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.17	JB	0.020	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0781	0.3905	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.082	JqB	0.014	1.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0808	0.404	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.080	JqB	0.021	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0564	0.282	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	39001-02-0	Octachlorodibenzofuran	1.7	JB	0.022	11	pg/g	J	sp	< PQL			
4401824942	RI-24-20.0-20170418	4/18/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.026	JqB	0.021	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0556	0.278	pg/g
4401824942	RI-24-20.0-20170418	4/18/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.098	J	0.015	5.3	pg/g	J	sp	< PQL			
4401824942	RI-24-20.0-20170418	4/18/2017	8290	34465-46-8	HxCDD (total)	0.25	JqB	0.016	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0732	0.366	pg/g
4401824942	RI-24-30.0-20170418	4/18/2017	8290	36088-22-9	PeCDD (total)	16	qB	0.23	8.1	pg/g	J	k	EMPC			
4401824942	RI-24-30.0-20170418	4/18/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	14	JB	0.058	16	pg/g	J	sp	< PQL			
4401824942	RI-24-30.0-20170418	4/18/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.3	J	0.061	8.1	pg/g	J	sp	< PQL			
4401824942	RI-24-30.0-20170418	4/18/2017	8290	41903-57-5	TCDD (total)	16	q	0.084	1.6	pg/g	J	k	EMPC			
4401824942	RI-24-30.0-20170418	4/18/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.7	JB	0.045	8.1	pg/g	J	sp	< PQL			
4401824942	RI-24-30.0-20170418	4/18/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.6	J	0.050	8.1	pg/g	J	sp	< PQL			
4401824942	RI-24-30.0-20170418	4/18/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.58	Jq	0.084	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401824942	RI-24-30.0-20170418	4/18/2017	8290	30402-15-4	PeCDF (total)	230	qB	1.3	8.1	pg/g	J	k	EMPC			
4401824942	RI-24-30.0-20170418	4/18/2017	8290	30402-14-3	Tetrachlorodibenzofuran	170	qB	0.61	1.6	pg/g	J	k	EMPC			
4401824942	RI-24-30.0-20170418	4/18/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.6	JB	0.23	8.1	pg/g	J	sp	< PQL			
4401824942	RI-24-30.0-20170418	4/18/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	7.0	JB	1.4	8.1	pg/g	J	sp	< PQL			
4401824942	RI-24-40.0-20170418	4/18/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.11	JBq	0.024	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0568	0.284	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.066	JBq	0.031	1.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0808	0.404	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.20	JB	0.033	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0965	0.4825	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	37871-00-4	HpCDD (total)	0.34	JB	0.030	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.198	0.99	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	34465-46-8	HxCDD (total)	0.13	JBq	0.024	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0732	0.366	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	55684-94-1	HxCDF (total)	0.35	JBq	0.022	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.226	1.13	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.17	JB	0.030	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.112	0.56	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.35	JBq	0.031	1.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.139	0.695	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.054	JBq	0.022	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0781	0.3905	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.049	JBq	0.020	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0732	0.366	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	39001-02-0	Octachlorodibenzofuran	0.40	JB	0.034	16	pg/g	J	bl,sp	MB contamination; < PQL	0.183	0.915	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	30402-15-4	PeCDF (total)	0.076	JBq	0.034	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0928	0.464	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.53	JB	0.030	16	pg/g	J	bl,sp	MB contamination; < PQL	0.373	1.865	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.031	JB	0.022	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0556	0.278	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.080	J	0.023	7.8	pg/g	J	sp	< PQL			
4401824942	RI-24-40.0-20170418	4/18/2017	8290	38998-75-3	HpCDF (total)	0.20	JB	0.034	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.175	0.875	pg/g
4401824942	RI-24-40.0-20170418	4/18/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.085	JB	0.020	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0351	0.1755	pg/g
4401824942	RI-24-5.0-20170418	4/18/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	3.8	JB	0.042	5.1	pg/g	J	sp	< PQL			
4401824942	RI-24-5.0-20170418	4/18/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.6	J	0.047	5.1	pg/g	J	sp	< PQL			
4401824942	RI-24-5.0-20170418	4/18/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.89	J	0.044	1.0	pg/g	J	sp	< PQL			
4401824942	RI-24-5.0-20170418	4/18/2017	8290	36088-22-9	PeCDD (total)	22	qB	0.24	5.1	pg/g	J	k	EMPC			
4401824942	RI-24-5.0-20170418	4/18/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2.2	JB	0.24	5.1	pg/g	J	sp	< PQL			
4401824942	RI-24-5.0-20170418	4/18/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.1	J	0.057	5.1	pg/g	J	sp	< PQL			
4401824942	RI-24-5.0-20170418	4/18/2017	8290	34465-46-8	HxCDD (total)	27	qB	0.049	5.1	pg/g	J	k	EMPC			
4401824982	RI-25-1.0-20170417	4/17/2017	8290	36088-22-9	PeCDD (total)	83	Bq	0.48	5.1	pg/g	J	k	EMPC			
4401824982	RI-25-1.0-20170417	4/17/2017	8290	55684-94-1	HxCDF (total)	830	Bq	2.6	5.1	pg/g	J	k	EMPC			
4401824982	RI-25-1.0-20170417	4/17/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1300	BqG	2.7	2.7	pg/g	J	k	EMPC			
4401824982	RI-25-1.0-20170417	4/17/2017	8290	41903-57-5	TCDD (total)	71	q	0.15	1.0	pg/g	J	k	EMPC			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401824982	RI-25-1.0-20170417	4/17/2017	8290	30402-15-4	PeCDF (total)	750	Bq	4.3	5.1	pg/g	J	k	EMPC			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.34	JqB	0.044	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.112	0.56	pg/g
4401824982	RI-25-10.0-20170418	4/18/2017	8290	38998-75-3	HpCDF (total)	3.6	JB	0.060	5.4	pg/g	J	sp	< PQL			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.24	JqB	0.037	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0732	0.366	pg/g
4401824982	RI-25-10.0-20170418	4/18/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.60	JB	0.13	5.4	pg/g	J	sp	< PQL			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.3	JqB	0.13	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.79	JB	0.064	5.4	pg/g	J	sp	< PQL			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	39001-02-0	Octachlorodibenzofuran	6.4	JB	0.049	11	pg/g	J	sp	< PQL			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.17	JqB	0.14	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0556	0.278	pg/g
4401824982	RI-25-10.0-20170418	4/18/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.24	J	0.041	5.4	pg/g	J	sp	< PQL			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	41903-57-5	TCDD (total)	0.11	Jq	0.025	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.2	JB	0.030	11	pg/g	J	bl,sp	MB contamination; < PQL	0.373	1.865	pg/g
4401824982	RI-25-10.0-20170418	4/18/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.1	JB	0.14	5.4	pg/g	J	sp	< PQL			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	30402-15-4	PeCDF (total)	6.0	qB	0.13	5.4	pg/g	J	k	EMPC			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.8	JB	0.057	5.4	pg/g	J	sp	< PQL			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	34465-46-8	HxCDD (total)	0.48	JqB	0.043	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	36088-22-9	PeCDD (total)	0.11	JqB	0.055	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0324	0.162	pg/g
4401824982	RI-25-10.0-20170418	4/18/2017	8290	37871-00-4	HpCDD (total)	0.57	JqB	0.044	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.198	0.99	pg/g
4401824982	RI-25-10.0-20170418	4/18/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.11	JqB	0.055	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0324	0.162	pg/g
4401824982	RI-25-10.0-20170418	4/18/2017	8290	55684-94-1	HxCDF (total)	2.2	JqB	0.15	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	30402-14-3	Tetrachlorodibenzofuran	10	qB	0.092	1.1	pg/g	J	k	EMPC			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.2	JqB	0.15	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-10.0-20170418	4/18/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.11	Jq	0.025	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.86	JB	0.11	5.2	pg/g	J	sp	< PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	30402-15-4	PeCDF (total)	48	Bq	0.29	5.2	pg/g	J	k	EMPC			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	37871-00-4	HpCDD (total)	1.7	JB	0.026	5.2	pg/g	J	sp	< PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	36088-22-9	PeCDD (total)	1.4	JBq	0.032	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	34465-46-8	HxCDD (total)	2.1	JBq	0.018	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.78	JB	0.032	5.2	pg/g	J	sp	< PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.1	JB	0.026	5.2	pg/g	J	sp	< PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	55684-94-1	HxCDF (total)	22	Bq	0.11	5.2	pg/g	J	k	EMPC			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.75	JBq	0.11	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.65	JB	0.015	5.2	pg/g	J	sp	< PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.8	JB	0.021	10	pg/g	J	bl,sp	MB contamination; < PQL	0.373	1.865	pg/g
4401824982	RI-25-20.0-20170418	4/18/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.62	J	0.017	5.2	pg/g	J	sp	< PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.4	JB	0.10	5.2	pg/g	J	sp	< PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.9	JB	0.072	5.2	pg/g	J	sp	< PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.28	J	0.021	5.2	pg/g	J	sp	< PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.55	J	0.021	1.0	pg/g	J	sp	< PQL			
4401824982	RI-25-20.0-20170418	4/18/2017	8290	41903-57-5	TCDD (total)	0.84	Jq	0.021	1.0	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.79	J	0.023	7.4	pg/g	J	sp	< PQL			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	41903-57-5	TCDD (total)	2.4	q	0.033	1.5	pg/g	J	k	EMPC			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.6	JB	0.21	7.4	pg/g	J	sp	< PQL			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	7.1	JB	0.19	7.4	pg/g	J	sp	< PQL			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.87	JB	0.021	7.4	pg/g	J	sp	< PQL			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	2.7	JB	0.024	15	pg/g	J	sp	< PQL			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.89	JB	0.061	7.4	pg/g	J	sp	< PQL			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.38	J	0.028	7.4	pg/g	J	sp	< PQL			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.4	JB	0.21	7.4	pg/g	J	sp	< PQL			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	30402-14-3	Tetrachlorodibenzofuran	88	Bq	0.22	1.5	pg/g	J	k	EMPC			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	37871-00-4	HpCDD (total)	3.4	JB	0.031	7.4	pg/g	J	sp	< PQL			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	36088-22-9	PeCDD (total)	3.1	JBq	0.061	7.4	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	34465-46-8	HxCDD (total)	3.9	JB	0.024	7.4	pg/g	J	sp	< PQL			
4401824982	RI-25-30.0-20170418	4/18/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.2	JB	0.031	7.4	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401824982	RI-25-30.0-20170418	4/18/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.45	Jq	0.033	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-40.0-20170418	4/18/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.064	JBq	0.033	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0364	0.182	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.079	JBq	0.021	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0781	0.3905	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.53	JB	0.030	1.4	pg/g	J	bl,sp	MB contamination; < PQL	0.139	0.695	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.15	JB	0.019	6.8	pg/g	J	bl,sp	MB contamination; < PQL	0.112	0.56	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	55684-94-1	HxCDF (total)	0.41	JBq	0.020	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.226	1.13	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.15	JB	0.022	6.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0568	0.284	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	37871-00-4	HpCDD (total)	0.30	JBq	0.019	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.198	0.99	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.081	JBq	0.019	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0351	0.1755	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.24	JB	0.024	6.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0965	0.4825	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	34465-46-8	HxCDD (total)	0.092	JBq	0.015	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0732	0.366	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	30402-15-4	PeCDF (total)	0.33	JBq	0.032	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0928	0.464	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.064	J	0.014	6.8	pg/g	J	sp	< PQL			
4401824982	RI-25-40.0-20170418	4/18/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.67	JB	0.017	14	pg/g	J	bl,sp	MB contamination; < PQL	0.373	1.865	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.14	JBq	0.032	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0564	0.282	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.093	JBq	0.027	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0783	0.3915	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	39001-02-0	Octachlorodibenzofuran	0.59	JB	0.020	14	pg/g	J	bl,sp	MB contamination; < PQL	0.183	0.915	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	41903-57-5	TCDD (total)	0.082	Jq	0.021	1.4	pg/g	J	k,sp	EMPC; < PQL			
4401824982	RI-25-40.0-20170418	4/18/2017	8290	38998-75-3	HpCDF (total)	0.45	JBq	0.025	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.175	0.875	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.028	JBq	0.013	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0732	0.366	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.050	JB	0.021	6.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0556	0.278	pg/g
4401824982	RI-25-40.0-20170418	4/18/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.35	JB	0.030	1.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0808	0.404	pg/g
4401824982	RI-25-5.0-20170417	4/17/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	27000	EB	36	53	pg/g	J	e	> Calibration range			
4401824982	RI-25-5.0-20170417	4/17/2017	8290	36088-22-9	PeCDD (total)	1500	Bq	6.5	13	pg/g	J	k	EMPC			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.11	J	0.019	5.5	pg/g	J	sp	< PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	55684-94-1	HxCDF (total)	0.41	JqB	0.018	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.16	JB	0.016	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0788	0.394	pg/g
4401828042	RI-21-10.0-20170422	4/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.082	JB	0.018	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0435	0.2175	pg/g
4401828042	RI-21-10.0-20170422	4/22/2017	8290	30402-15-4	PeCDF (total)	0.094	Jq	0.020	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.25	JqB	0.021	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	37871-00-4	HpCDD (total)	0.31	JB	0.016	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.184	0.92	pg/g
4401828042	RI-21-10.0-20170422	4/22/2017	8290	34465-46-8	HxCDD (total)	0.23	JqB	0.012	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.016	Jq	0.015	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.087	J	0.016	5.5	pg/g	J	sp	< PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.23	J	0.014	1.1	pg/g	J	sp	< PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	38998-75-3	HpCDF (total)	0.53	JqB	0.022	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.10	Jq	0.023	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.57	JB	0.015	11	pg/g	J	bl,sp	MB contamination; < PQL	0.224	1.12	pg/g
4401828042	RI-21-10.0-20170422	4/22/2017	8290	39001-02-0	Octachlorodibenzofuran	0.72	JB	0.020	11	pg/g	J	sp	< PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.13	J	0.014	1.1	pg/g	J	sp	< PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.091	Jq	0.012	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.044	J	0.018	5.5	pg/g	J	sp	< PQL			
4401828042	RI-21-10.0-20170422	4/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.13	JB	0.011	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0346	0.173	pg/g
4401828042	RI-21-20.0-20170422	4/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.1	JB	0.038	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.3	J	0.085	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.40	JB	0.011	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.14	Jq	0.016	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.20	Jq	0.029	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	41903-57-5	TCDD (total)	2.0	q	0.024	1.1	pg/g	J	k	EMPC			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	36088-22-9	PeCDD (total)	1.9	Jq	0.029	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	34465-46-8	HxCDD (total)	2.2	JqB	0.013	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.40	JB	0.073	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	30402-15-4	PeCDF (total)	17	q	0.083	5.3	pg/g	J	k	EMPC			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	19	q	0.063	1.1	pg/g	J	k	EMPC			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401828042	RI-21-20.0-20170422	4/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.36	J	0.013	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.67	J	0.073	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	4.8	J	0.079	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.3	J	0.074	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.6	J	0.082	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	2.6	J	0.066	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-20.0-20170422	4/22/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.11	Jq	0.024	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-30.0-20170422	4/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.12	JqB	0.028	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0788	0.394	pg/g
4401828042	RI-21-30.0-20170422	4/22/2017	8290	55684-94-1	HxCDF (total)	0.23	JqB	0.020	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-30.0-20170422	4/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.12	JqB	0.020	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0788	0.394	pg/g
4401828042	RI-21-30.0-20170422	4/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.16	J	0.018	1.6	pg/g	J	sp	< PQL			
4401828042	RI-21-30.0-20170422	4/22/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.045	Jq	0.022	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-30.0-20170422	4/22/2017	8290	37871-00-4	HpCDD (total)	0.28	JqB	0.020	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.184	0.92	pg/g
4401828042	RI-21-30.0-20170422	4/22/2017	8290	36088-22-9	PeCDD (total)	0.035	Jq	0.029	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-30.0-20170422	4/22/2017	8290	34465-46-8	HxCDD (total)	0.094	JqB	0.017	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0346	0.173	pg/g
4401828042	RI-21-30.0-20170422	4/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.73	JB	0.030	16	pg/g	J	bl,sp	MB contamination; < PQL	0.224	1.12	pg/g
4401828042	RI-21-30.0-20170422	4/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.11	JB	0.020	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0435	0.2175	pg/g
4401828042	RI-21-30.0-20170422	4/22/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.035	Jq	0.029	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-30.0-20170422	4/22/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.038	J	0.018	7.8	pg/g	J	sp	< PQL			
4401828042	RI-21-30.0-20170422	4/22/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.064	J	0.018	1.6	pg/g	J	sp	< PQL			
4401828042	RI-21-30.0-20170422	4/22/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.033	Jq	0.020	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-30.0-20170422	4/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.094	JqB	0.015	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0346	0.173	pg/g
4401828042	RI-21-30.0-20170422	4/22/2017	8290	38998-75-3	HpCDF (total)	0.12	JqB	0.029	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0379	0.1895	pg/g
4401828042	RI-21-30.0-20170422	4/22/2017	8290	41903-57-5	TCDD (total)	0.039	Jq	0.026	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-30.0-20170422	4/22/2017	8290	39001-02-0	Octachlorodibenzofuran	0.28	JB	0.036	16	pg/g	J	bl,sp	MB contamination; < PQL	0.0726	0.363	pg/g
4401828042	RI-21-5.0-20170422	4/22/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.55	Jq	0.050	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	110	q	0.26	1.1	pg/g	J	k	EMPC			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	41903-57-5	TCDD (total)	11	q	0.050	1.1	pg/g	J	k	EMPC			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.3	J	0.036	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.1	JB	0.034	11	pg/g	J	sp	< PQL			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.3	J	0.39	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.3	JB	0.032	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.70	J	0.044	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.1	J	0.10	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	30402-15-4	PeCDF (total)	97	q	0.54	5.3	pg/g	J	k	EMPC			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.7	JB	0.053	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.9	JB	0.39	5.3	pg/g	J	sp	< PQL			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	55684-94-1	HxCDF (total)	100	qB	0.39	5.3	pg/g	J	k	EMPC			
4401828042	RI-21-5.0-20170422	4/22/2017	8290	36088-22-9	PeCDD (total)	9.6	q	0.10	5.3	pg/g	J	k	EMPC			
4401828292	RI-8-10.0-20170422	4/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.12	J	0.029	5.4	pg/g	J	sp	< PQL			
4401828292	RI-8-10.0-20170422	4/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.31	JB	0.050	11	pg/g	J	bl,sp	MB contamination; < PQL	0.224	1.12	pg/g
4401828292	RI-8-10.0-20170422	4/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.085	JqB	0.031	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0346	0.173	pg/g
4401828292	RI-8-10.0-20170422	4/22/2017	8290	38998-75-3	HpCDF (total)	0.46	JqB	0.026	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-10.0-20170422	4/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.13	JB	0.038	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0788	0.394	pg/g
4401828292	RI-8-10.0-20170422	4/22/2017	8290	30402-15-4	PeCDF (total)	0.049	Jq	0.043	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-10.0-20170422	4/22/2017	8290	34465-46-8	HxCDD (total)	0.085	JqB	0.035	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0346	0.173	pg/g
4401828292	RI-8-10.0-20170422	4/22/2017	8290	37871-00-4	HpCDD (total)	0.25	JqB	0.038	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.184	0.92	pg/g
4401828292	RI-8-10.0-20170422	4/22/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.049	Jq	0.043	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-10.0-20170422	4/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.23	JB	0.024	5.4	pg/g	J	sp	< PQL			
4401828292	RI-8-10.0-20170422	4/22/2017	8290	39001-02-0	Octachlorodibenzofuran	0.65	JB	0.097	11	pg/g	J	sp	< PQL			
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.52	JB	0.022	5.4	pg/g	J	sp	< PQL			
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	37871-00-4	HpCDD (total)	0.43	JB	0.042	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.184	0.92	pg/g
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.12	J	0.048	1.1	pg/g	J	sp	< PQL			
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	30402-15-4	PeCDF (total)	0.45	Jq	0.053	5.4	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.24	Jq	0.048	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.18	JB	0.042	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0788	0.394	pg/g
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	55684-94-1	HxCDF (total)	0.43	JB	0.068	5.4	pg/g	J	sp	< PQL			
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	38998-75-3	HpCDF (total)	1.0	JqB	0.025	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.31	JqB	0.045	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.224	1.12	pg/g
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.14	J	0.036	5.4	pg/g	J	sp	< PQL			
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.25	J	0.027	5.4	pg/g	J	sp	< PQL			
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.16	J	0.053	5.4	pg/g	J	sp	< PQL			
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.15	J	0.065	5.4	pg/g	J	sp	< PQL			
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	34465-46-8	HxCDD (total)	0.14	JB	0.035	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0346	0.173	pg/g
4401828292	RI-8-10.0-20170422-FD	4/22/2017	8290	39001-02-0	Octachlorodibenzofuran	1.3	JB	0.084	11	pg/g	J	sp	< PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	30402-15-4	PeCDF (total)	0.26	Jq	0.021	5.8	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.15	J	0.025	5.8	pg/g	J	sp	< PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.10	Jq	0.021	5.8	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.67	JB	0.017	12	pg/g	J	bl,sp	MB contamination; < PQL	0.224	1.12	pg/g
4401828292	RI-8-20.0-20170422	4/22/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.072	J	0.012	1.2	pg/g	J	sp	< PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.11	Jq	0.014	5.8	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.060	Jq	0.029	5.8	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	38998-75-3	HpCDF (total)	0.51	JB	0.023	5.8	pg/g	J	sp	< PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	39001-02-0	Octachlorodibenzofuran	0.74	JB	0.024	12	pg/g	J	sp	< PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	55684-94-1	HxCDF (total)	0.41	JBq	0.029	5.8	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.14	JB	0.013	5.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0346	0.173	pg/g
4401828292	RI-8-20.0-20170422	4/22/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.13	J	0.031	5.8	pg/g	J	sp	< PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.15	JB	0.029	5.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0435	0.2175	pg/g
4401828292	RI-8-20.0-20170422	4/22/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.054	J	0.027	5.8	pg/g	J	sp	< PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	34465-46-8	HxCDD (total)	0.26	JBq	0.015	5.8	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	36088-22-9	PeCDD (total)	0.054	J	0.027	5.8	pg/g	J	sp	< PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	37871-00-4	HpCDD (total)	0.27	JB	0.021	5.8	pg/g	J	bl,sp	MB contamination; < PQL	0.184	0.92	pg/g
4401828292	RI-8-20.0-20170422	4/22/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.080	J	0.022	5.8	pg/g	J	sp	< PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.26	JB	0.022	5.8	pg/g	J	sp	< PQL			
4401828292	RI-8-20.0-20170422	4/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.19	JB	0.021	5.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0788	0.394	pg/g
4401828292	RI-8-20.0-20170422	4/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.20	Jq	0.012	1.2	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-30.0-20170422	4/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.51	JB	0.066	14	pg/g	J	bl,sp	MB contamination; < PQL	0.224	1.12	pg/g
4401828292	RI-8-30.0-20170422	4/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.20	J	0.035	7.2	pg/g	J	sp	< PQL			
4401828292	RI-8-30.0-20170422	4/22/2017	8290	38998-75-3	HpCDF (total)	0.17	JqB	0.031	7.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0379	0.1895	pg/g
4401828292	RI-8-30.0-20170422	4/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.073	JqB	0.031	7.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0346	0.173	pg/g
4401828292	RI-8-30.0-20170422	4/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.15	JB	0.046	7.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0788	0.394	pg/g
4401828292	RI-8-30.0-20170422	4/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.17	JqB	0.028	7.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0788	0.394	pg/g
4401828292	RI-8-30.0-20170422	4/22/2017	8290	37871-00-4	HpCDD (total)	0.31	JqB	0.046	7.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.184	0.92	pg/g
4401828292	RI-8-30.0-20170422	4/22/2017	8290	34465-46-8	HxCDD (total)	0.33	JqB	0.035	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-30.0-20170422	4/22/2017	8290	39001-02-0	Octachlorodibenzofuran	0.45	JqB	0.14	14	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-5.0-20170422	4/22/2017	8290	37871-00-4	HpCDD (total)	0.42	JqB	0.050	5.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.184	0.92	pg/g
4401828292	RI-8-5.0-20170422	4/22/2017	8290	55684-94-1	HxCDF (total)	0.67	JqB	0.066	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-5.0-20170422	4/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.51	JB	0.035	5.2	pg/g	J	sp	< PQL			
4401828292	RI-8-5.0-20170422	4/22/2017	8290	36088-22-9	PeCDD (total)	0.088	J	0.072	5.2	pg/g	J	sp	< PQL			
4401828292	RI-8-5.0-20170422	4/22/2017	8290	34465-46-8	HxCDD (total)	0.21	JB	0.037	5.2	pg/g	J	sp	< PQL			
4401828292	RI-8-5.0-20170422	4/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.17	JqB	0.069	5.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0435	0.2175	pg/g
4401828292	RI-8-5.0-20170422	4/22/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.21	Jq	0.067	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-5.0-20170422	4/22/2017	8290	30402-15-4	PeCDF (total)	0.21	Jq	0.052	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-5.0-20170422	4/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.084	Jq	0.050	1.0	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-5.0-20170422	4/22/2017	8290	38998-75-3	HpCDF (total)	0.85	JqB	0.039	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-5.0-20170422	4/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.21	J	0.037	5.2	pg/g	J	sp	< PQL			
4401828292	RI-8-5.0-20170422	4/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.61	JB	0.045	10	pg/g	J	bl,sp	MB contamination; < PQL	0.224	1.12	pg/g
4401828292	RI-8-5.0-20170422	4/22/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.15	J	0.063	5.2	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401828292	RI-8-5.0-20170422	4/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.20	Jq	0.043	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401828292	RI-8-5.0-20170422	4/22/2017	8290	39001-02-0	Octachlorodibenzofuran	1.3	JB	0.10	10	pg/g	J	sp	< PQL			
4401828292	RI-8-5.0-20170422	4/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.24	JB	0.050	5.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0788	0.394	pg/g
4401828862	RI-1-10.0-20170424	4/24/2017	8290	36088-22-9	PeCDD (total)	11	q	0.14	5.5	pg/g	J	k	EMPC			
4401828862	RI-1-10.0-20170424	4/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	110	q	0.69	1.1	pg/g	J	k	EMPC			
4401828862	RI-1-10.0-20170424	4/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	3.7	JB	0.83	5.5	pg/g	J	sp	< PQL			
4401828862	RI-1-10.0-20170424	4/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.3	JB	0.054	5.5	pg/g	J	sp	< PQL			
4401828862	RI-1-10.0-20170424	4/24/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.1	Jq	0.14	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-10.0-20170424	4/24/2017	8290	34465-46-8	HxCDD (total)	18	qB	0.060	5.5	pg/g	J	k	EMPC			
4401828862	RI-1-10.0-20170424	4/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.4	J	0.061	5.5	pg/g	J	sp	< PQL			
4401828862	RI-1-10.0-20170424	4/24/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.15	J	0.084	1.1	pg/g	J	sp	< PQL			
4401828862	RI-1-10.0-20170424	4/24/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.90	Jq	0.064	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-10.0-20170424	4/24/2017	8290	41903-57-5	TCDD (total)	10	q	0.084	1.1	pg/g	J	k	EMPC			
4401828862	RI-1-10.0-20170424	4/24/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	5.3	J	0.80	5.5	pg/g	J	sp	< PQL			
4401828862	RI-1-10.0-20170424	4/24/2017	8290	30402-15-4	PeCDF (total)	130	q	0.45	5.5	pg/g	J	k	EMPC			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	55684-94-1	HxCDF (total)	31	qB	0.23	5.4	pg/g	J	k	EMPC			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.31	Jq	0.047	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	4.6	J	0.22	5.4	pg/g	J	sp	< PQL			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	3.4	J	0.15	5.4	pg/g	J	sp	< PQL			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	5.0	J	0.11	5.4	pg/g	J	sp	< PQL			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.0	Jq	0.23	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.63	Jq	0.045	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	36088-22-9	PeCDD (total)	2.2	J	0.087	5.4	pg/g	J	sp	< PQL			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.31	J	0.087	5.4	pg/g	J	sp	< PQL			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	30402-15-4	PeCDF (total)	23	q	0.15	5.4	pg/g	J	k	EMPC			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.9	JB	0.063	5.4	pg/g	J	sp	< PQL			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	17	q	0.13	1.1	pg/g	J	k	EMPC			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.7	J	0.15	5.4	pg/g	J	sp	< PQL			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.66	JB	0.040	5.4	pg/g	J	sp	< PQL			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.69	JB	0.24	5.4	pg/g	J	sp	< PQL			
4401828862	RI-1-20.0-20170424	4/24/2017	8290	34465-46-8	HxCDD (total)	5.2	JqB	0.044	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.84	JB	0.039	16	pg/g	J	bl,sp	MB contamination; < PQL	0.224	1.12	pg/g
4401828862	RI-1-30.0-20170424	4/24/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.16	JqB	0.044	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0788	0.394	pg/g
4401828862	RI-1-30.0-20170424	4/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.13	JqB	0.082	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0435	0.2175	pg/g
4401828862	RI-1-30.0-20170424	4/24/2017	8290	30402-15-4	PeCDF (total)	0.71	Jq	0.053	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	34465-46-8	HxCDD (total)	0.28	JB	0.037	8.2	pg/g	J	sp	< PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.71	JB	0.037	8.2	pg/g	J	sp	< PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	37871-00-4	HpCDD (total)	0.45	JqB	0.044	8.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.184	0.92	pg/g
4401828862	RI-1-30.0-20170424	4/24/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.10	Jq	0.078	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	55684-94-1	HxCDF (total)	0.80	JqB	0.079	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.18	Jq	0.048	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.67	Jq	0.048	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.27	J	0.075	8.2	pg/g	J	sp	< PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.23	Jq	0.052	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.26	J	0.046	8.2	pg/g	J	sp	< PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	39001-02-0	Octachlorodibenzofuran	1.6	JB	0.074	16	pg/g	J	sp	< PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	38998-75-3	HpCDF (total)	1.4	JqB	0.042	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.14	JB	0.033	8.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0346	0.173	pg/g
4401828862	RI-1-30.0-20170424	4/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.15	J	0.038	8.2	pg/g	J	sp	< PQL			
4401828862	RI-1-30.0-20170424	4/24/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.29	Jq	0.080	8.2	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-5.0-20170424	4/24/2017	8290	34465-46-8	HxCDD (total)	15	qB	0.044	5.3	pg/g	J	k	EMPC			
4401828862	RI-1-5.0-20170424	4/24/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.75	J	0.12	5.3	pg/g	J	sp	< PQL			
4401828862	RI-1-5.0-20170424	4/24/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.1	JB	0.55	5.3	pg/g	J	sp	< PQL			
4401828862	RI-1-5.0-20170424	4/24/2017	8290	30402-15-4	PeCDF (total)	82	q	0.49	5.3	pg/g	J	k	EMPC			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401828862	RI-1-5.0-20170424	4/24/2017	8290	55684-94-1	HxCDF (total)	110	qB	0.53	5.3	pg/g	J	k	EMPC			
4401828862	RI-1-5.0-20170424	4/24/2017	8290	36088-22-9	PeCDD (total)	7.0	q	0.12	5.3	pg/g	J	k	EMPC			
4401828862	RI-1-5.0-20170424	4/24/2017	8290	41903-57-5	TCDD (total)	5.5	q	0.093	1.1	pg/g	J	k	EMPC			
4401828862	RI-1-5.0-20170424	4/24/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	4.9	J	0.49	5.3	pg/g	J	sp	< PQL			
4401828862	RI-1-5.0-20170424	4/24/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.30	J	0.093	1.1	pg/g	J	sp	< PQL			
4401828862	RI-1-5.0-20170424	4/24/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.8	Jq	0.045	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401828862	RI-1-5.0-20170424	4/24/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.4	J	0.52	5.3	pg/g	J	sp	< PQL			
4401828862	RI-1-5.0-20170424	4/24/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.72	J	0.047	5.3	pg/g	J	sp	< PQL			
4401828862	RI-1-5.0-20170424	4/24/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.3	JB	0.040	5.3	pg/g	J	sp	< PQL			
4401829432	RI-2-10.0-20170425	4/25/2017	8290	39001-02-0	Octachlorodibenzofuran	0.19	JqB	0.021	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0726	0.363	pg/g
4401829432	RI-2-10.0-20170425	4/25/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.037	J	0.012	5.4	pg/g	J	sp	< PQL			
4401829432	RI-2-10.0-20170425	4/25/2017	8290	38998-75-3	HpCDF (total)	0.13	JqB	0.016	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0379	0.1895	pg/g
4401829432	RI-2-10.0-20170425	4/25/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.045	Jq	0.017	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-10.0-20170425	4/25/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.046	J	0.0095	1.1	pg/g	J	sp	< PQL			
4401829432	RI-2-10.0-20170425	4/25/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.032	Jq	0.013	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-10.0-20170425	4/25/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.075	JB	0.0087	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0346	0.173	pg/g
4401829432	RI-2-10.0-20170425	4/25/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.046	Jq	0.016	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-10.0-20170425	4/25/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.35	JB	0.015	11	pg/g	J	bl,sp	MB contamination; < PQL	0.224	1.12	pg/g
4401829432	RI-2-10.0-20170425	4/25/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.056	JqB	0.015	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0435	0.2175	pg/g
4401829432	RI-2-10.0-20170425	4/25/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.097	Jq	0.0095	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-10.0-20170425	4/25/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.096	JB	0.012	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0788	0.394	pg/g
4401829432	RI-2-10.0-20170425	4/25/2017	8290	55684-94-1	HxCDF (total)	0.14	JqB	0.015	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0435	0.2175	pg/g
4401829432	RI-2-10.0-20170425	4/25/2017	8290	34465-46-8	HxCDD (total)	0.18	JB	0.010	5.4	pg/g	J	sp	< PQL			
4401829432	RI-2-10.0-20170425	4/25/2017	8290	37871-00-4	HpCDD (total)	0.21	JB	0.012	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.184	0.92	pg/g
4401829432	RI-2-10.0-20170425	4/25/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.041	J	0.013	5.4	pg/g	J	sp	< PQL			
4401829432	RI-2-10.0-20170425	4/25/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.090	JqB	0.015	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0788	0.394	pg/g
4401829432	RI-2-10.0-20170425	4/25/2017	8290	30402-15-4	PeCDF (total)	0.073	Jq	0.013	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-10.0-20170425	4/25/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.035	Jq	0.013	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-10.0-20170425	4/25/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.068	J	0.0097	5.4	pg/g	J	sp	< PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.23	JB	0.028	7.8	pg/g	J	sp	< PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	36088-22-9	PeCDD (total)	0.15	Jq	0.027	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	37871-00-4	HpCDD (total)	0.55	JB	0.020	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.184	0.92	pg/g
4401829432	RI-2-20.0-20170425	4/25/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.12	J	0.027	7.8	pg/g	J	sp	< PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.43	JB	0.024	7.8	pg/g	J	sp	< PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.089	J	0.027	7.8	pg/g	J	sp	< PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.47	Jq	0.017	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.34	JB	0.020	7.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0788	0.394	pg/g
4401829432	RI-2-20.0-20170425	4/25/2017	8290	55684-94-1	HxCDF (total)	0.83	JqB	0.028	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	41903-57-5	TCDD (total)	0.27	Jq	0.019	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.22	J	0.030	7.8	pg/g	J	sp	< PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	34465-46-8	HxCDD (total)	0.58	JqB	0.016	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	39001-02-0	Octachlorodibenzofuran	1.3	JB	0.024	16	pg/g	J	sp	< PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.24	J	0.027	7.8	pg/g	J	sp	< PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.16	Jq	0.026	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.17	Jq	0.025	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.95	JqB	0.019	16	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.224	1.12	pg/g
4401829432	RI-2-20.0-20170425	4/25/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.083	J	0.017	1.6	pg/g	J	sp	< PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.19	J	0.016	7.8	pg/g	J	sp	< PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.14	J	0.028	7.8	pg/g	J	sp	< PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.091	Jq	0.019	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.16	JqB	0.014	7.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0346	0.173	pg/g
4401829432	RI-2-20.0-20170425	4/25/2017	8290	30402-15-4	PeCDF (total)	0.42	Jq	0.026	7.8	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-20.0-20170425	4/25/2017	8290	38998-75-3	HpCDF (total)	0.67	JB	0.026	7.8	pg/g	J	sp	< PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.073	J	0.029	7.2	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401829432	RI-2-30.0-20170425	4/25/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.55	JB	0.025	7.2	pg/g	J	sp	< PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.16	JB	0.029	7.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0435	0.2175	pg/g
4401829432	RI-2-30.0-20170425	4/25/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.24	J	0.031	7.2	pg/g	J	sp	< PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.095	JB	0.013	7.2	pg/g	J	bl,sp	MB contamination; < PQL	0.0346	0.173	pg/g
4401829432	RI-2-30.0-20170425	4/25/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.034	Jq	0.017	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	37871-00-4	HpCDD (total)	0.35	JqB	0.024	7.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.184	0.92	pg/g
4401829432	RI-2-30.0-20170425	4/25/2017	8290	36088-22-9	PeCDD (total)	0.062	J	0.023	7.2	pg/g	J	sp	< PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.54	JB	0.018	14	pg/g	J	bl,sp	MB contamination; < PQL	0.224	1.12	pg/g
4401829432	RI-2-30.0-20170425	4/25/2017	8290	34465-46-8	HxCDD (total)	0.28	JqB	0.015	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.12	J	0.014	7.2	pg/g	J	sp	< PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.087	J	0.021	7.2	pg/g	J	sp	< PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	39001-02-0	Octachlorodibenzofuran	1.2	JB	0.025	14	pg/g	J	sp	< PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.15	Jq	0.028	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.41	Jq	0.016	1.4	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.13	J	0.021	7.2	pg/g	J	sp	< PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.15	JqB	0.024	7.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0788	0.394	pg/g
4401829432	RI-2-30.0-20170425	4/25/2017	8290	38998-75-3	HpCDF (total)	0.97	JqB	0.026	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.22	J	0.026	7.2	pg/g	J	sp	< PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	55684-94-1	HxCDF (total)	0.94	JqB	0.028	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.062	J	0.023	7.2	pg/g	J	sp	< PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	30402-15-4	PeCDF (total)	0.41	Jq	0.021	7.2	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.052	J	0.016	1.4	pg/g	J	sp	< PQL			
4401829432	RI-2-30.0-20170425	4/25/2017	8290	41903-57-5	TCDD (total)	0.13	Jq	0.020	1.4	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-5.0-20170425	4/25/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.1	JB	0.013	11	pg/g	J	bl,sp	MB contamination; < PQL	0.224	1.12	pg/g
4401829432	RI-2-5.0-20170425	4/25/2017	8290	34465-46-8	HxCDD (total)	0.21	JqB	0.014	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-5.0-20170425	4/25/2017	8290	37871-00-4	HpCDD (total)	0.30	JB	0.010	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.184	0.92	pg/g
4401829432	RI-2-5.0-20170425	4/25/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.22	JB	0.015	5.5	pg/g	J	sp	< PQL			
4401829432	RI-2-5.0-20170425	4/25/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.13	JB	0.010	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0788	0.394	pg/g
4401829432	RI-2-5.0-20170425	4/25/2017	8290	55684-94-1	HxCDF (total)	0.34	JqB	0.023	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-5.0-20170425	4/25/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.31	Jq	0.013	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-5.0-20170425	4/25/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.12	J	0.025	5.5	pg/g	J	sp	< PQL			
4401829432	RI-2-5.0-20170425	4/25/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.11	JB	0.023	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0435	0.2175	pg/g
4401829432	RI-2-5.0-20170425	4/25/2017	8290	30402-15-4	PeCDF (total)	0.096	Jq	0.018	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-5.0-20170425	4/25/2017	8290	39001-02-0	Octachlorodibenzofuran	0.60	JB	0.020	11	pg/g	J	sp	< PQL			
4401829432	RI-2-5.0-20170425	4/25/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.069	Jq	0.021	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-5.0-20170425	4/25/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.089	J	0.013	1.1	pg/g	J	sp	< PQL			
4401829432	RI-2-5.0-20170425	4/25/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.077	Jq	0.014	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-5.0-20170425	4/25/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.13	JB	0.012	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0346	0.173	pg/g
4401829432	RI-2-5.0-20170425	4/25/2017	8290	38998-75-3	HpCDF (total)	0.44	JqB	0.015	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401829432	RI-2-5.0-20170425	4/25/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.074	Jq	0.016	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401832932	M-5D-20170501	5/1/2017	8290	38998-75-3	HpCDF (total)	0.97	JqB	0.13	49	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	1.38	6.9	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.28	JqB	0.22	49	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	0.420	2.1	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.44	JqB	0.15	49	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	0.642	3.21	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	55684-94-1	HxCDF (total)	1.6	JqB	0.21	49	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	1.93	9.65	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	34465-46-8	HxCDD (total)	1.1	JqB	0.15	49	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	1.03	5.15	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.68	JB	0.22	49	pg/l	J	bl,sp	MB contamination; < PQL	0.773	3.865	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	37871-00-4	HpCDD (total)	1.6	JqB	0.21	49	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	1.80	9	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.35	JB	0.20	49	pg/l	J	bl,sp	MB contamination; < PQL	0.381	1.905	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	2.8	JB	0.28	98	pg/l	J	bl,sp	MB contamination; < PQL	3.24	16.2	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.52	JqB	0.15	49	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	0.334	1.67	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.35	JB	0.13	49	pg/l	J	bl,sp	MB contamination; < PQL	0.324	1.62	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	39001-02-0	Octachlorodibenzofuran	1.4	JB	0.38	98	pg/l	J	bl,sp	MB contamination; < PQL	1.28	6.4	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.53	JB	0.12	49	pg/l	J	bl,sp	MB contamination; < PQL	0.738	3.69	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.17	Jq	0.14	49	pg/l	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401832932	M-5D-20170501	5/1/2017	8290	30402-15-4	PeCDF (total)	0.17	JqB	0.14	49	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	0.327	1.635	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.76	JqB	0.21	49	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	0.906	4.53	pg/l
4401832932	M-5D-20170501	5/1/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.22	JB	0.16	49	pg/l	J	bl,sp	MB contamination; < PQL	0.369	1.845	pg/l
4401834232	M-203-20170502	5/2/2017	8290	37871-00-4	HpCDD (total)	2.5	JqB	0.18	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	1.80	9	pg/l
4401834232	M-203-20170502	5/2/2017	8290	30402-15-4	PeCDF (total)	0.99	JB	0.13	48	pg/l	J	bl,sp	MB contamination; < PQL	0.327	1.635	pg/l
4401834232	M-203-20170502	5/2/2017	8290	34465-46-8	HxCDD (total)	2.0	JqB	0.14	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	1.80	9	pg/l
4401834232	M-203-20170502	5/2/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.6	JB	0.16	48	pg/l	J	bl,sp	MB contamination; < PQL	0.738	3.69	pg/l
4401834232	M-203-20170502	5/2/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.2	JB	0.34	48	pg/l	J	bl,sp	MB contamination; < PQL	0.420	2.1	pg/l
4401834232	M-203-20170502	5/2/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.53	J	0.14	48	pg/l	J	sp	< PQL			
4401834232	M-203-20170502	5/2/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.3	JB	0.35	48	pg/l	J	bl,sp	MB contamination; < PQL	0.773	3.865	pg/l
4401834232	M-203-20170502	5/2/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.0	JB	0.19	48	pg/l	J	bl,sp	MB contamination; < PQL	0.642	3.21	pg/l
4401834232	M-203-20170502	5/2/2017	8290	38998-75-3	HpCDF (total)	3.7	JB	0.18	48	pg/l	J	bl,sp	MB contamination; < PQL	1.38	6.9	pg/l
4401834232	M-203-20170502	5/2/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.82	JqB	0.13	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	0.324	1.62	pg/l
4401834232	M-203-20170502	5/2/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.45	JB	0.13	48	pg/l	J	bl,sp	MB contamination; < PQL	0.327	1.635	pg/l
4401834232	M-203-20170502	5/2/2017	8290	39001-02-0	Octachlorodibenzofuran	4.2	JB	0.33	95	pg/l	J	bl,sp	MB contamination; < PQL	1.28	6.4	pg/l
4401834232	M-203-20170502	5/2/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.79	JB	0.34	48	pg/l	J	bl,sp	MB contamination; < PQL	0.354	1.77	pg/l
4401834232	M-203-20170502	5/2/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.80	JqB	0.15	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	0.334	1.67	pg/l
4401834232	M-203-20170502	5/2/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.28	Jq	0.11	9.5	pg/l	J	k,sp	EMPC; < PQL			
4401834232	M-203-20170502	5/2/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	4.9	JqB	0.21	95	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	3.24	16.2	pg/l
4401834232	M-203-20170502	5/2/2017	8290	55684-94-1	HxCDF (total)	3.3	JB	0.34	48	pg/l	J	bl,sp	MB contamination; < PQL	1.93	9.65	pg/l
4401834232	M-203-20170502	5/2/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.5	JB	0.18	48	pg/l	J	bl,sp	MB contamination; < PQL	0.906	4.53	pg/l
4401834232	M-203-20170502	5/2/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.34	JqB	0.15	48	pg/l	J	bl,k,sp	MB contamination; EMPC; < PQL	0.369	1.845	pg/l
4401834242	RI-13-10.0-20170502	5/2/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	3.6	J	0.090	5.5	pg/g	J	sp	< PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.83	JB	0.024	5.5	pg/g	J	sp	< PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	30402-14-3	Tetrachlorodibenzofuran	22	qB	0.068	1.1	pg/g	J	k	EMPC			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.58	JB	0.098	5.5	pg/g	J	sp	< PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.24	Jq	0.019	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	2.3	JB	0.019	11	pg/g	J	sp	< PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.041	Jq	0.033	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	2.3	JB	0.089	5.5	pg/g	J	sp	< PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	30402-15-4	PeCDF (total)	19	q	0.088	5.5	pg/g	J	k	EMPC			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.30	JB	0.098	5.5	pg/g	J	sp	< PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.5	J	0.087	5.5	pg/g	J	sp	< PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.3	JB	0.081	5.5	pg/g	J	sp	< PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	34465-46-8	HxCDD (total)	1.5	Jq	0.020	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	37871-00-4	HpCDD (total)	1.3	JB	0.024	5.5	pg/g	J	sp	< PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.062	Jq	0.024	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	41903-57-5	TCDD (total)	0.64	Jq	0.033	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.42	J	0.017	5.5	pg/g	J	sp	< PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	36088-22-9	PeCDD (total)	0.92	Jq	0.042	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.12	J	0.042	5.5	pg/g	J	sp	< PQL			
4401834242	RI-13-10.0-20170502	5/2/2017	8290	55684-94-1	HxCDF (total)	18	qB	0.098	5.5	pg/g	J	k	EMPC			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.094	J	0.017	5.7	pg/g	J	sp	< PQL			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	55684-94-1	HxCDF (total)	0.82	JqB	0.026	5.7	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.64	JB	0.010	11	pg/g	J	bl,sp	MB contamination; < PQL	0.270	1.35	pg/g
4401834242	RI-13-20.0-20170502	5/2/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.18	J	0.015	1.1	pg/g	J	sp	< PQL			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	34465-46-8	HxCDD (total)	0.25	Jq	0.012	5.7	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.13	J	0.010	5.7	pg/g	J	sp	< PQL			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.24	JB	0.028	5.7	pg/g	J	sp	< PQL			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	37871-00-4	HpCDD (total)	0.25	JqB	0.015	5.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.223	1.115	pg/g
4401834242	RI-13-20.0-20170502	5/2/2017	8290	38998-75-3	HpCDF (total)	1.1	JqB	0.023	5.7	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.13	JB	0.024	5.7	pg/g	J	sp	< PQL			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.10	Jq	0.017	5.7	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.21	JB	0.024	5.7	pg/g	J	bl,sp	MB contamination; < PQL	0.0651	0.3255	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401834242	RI-13-20.0-20170502	5/2/2017	8290	39001-02-0	Octachlorodibenzofuran	1.4	JB	0.019	11	pg/g	J	bl,sp	MB contamination; < PQL	0.829	4.145	pg/g
4401834242	RI-13-20.0-20170502	5/2/2017	8290	30402-15-4	PeCDF (total)	0.70	Jq	0.017	5.7	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.58	JqB	0.015	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.082	Jq	0.011	5.7	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-20.0-20170502	5/2/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.11	JqB	0.015	5.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.116	0.58	pg/g
4401834242	RI-13-20.0-20170502	5/2/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.086	JB	0.026	5.7	pg/g	J	bl,sp	MB contamination; < PQL	0.0483	0.2415	pg/g
4401834242	RI-13-20.0-20170502	5/2/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.56	JB	0.021	5.7	pg/g	J	sp	< PQL			
4401834242	RI-13-30.0-20170502	5/2/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.085	J	0.012	1.2	pg/g	J	sp	< PQL			
4401834242	RI-13-30.0-20170502	5/2/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.039	J	0.012	5.8	pg/g	J	sp	< PQL			
4401834242	RI-13-30.0-20170502	5/2/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.18	JqB	0.012	1.2	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-30.0-20170502	5/2/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.057	JqB	0.015	5.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.116	0.58	pg/g
4401834242	RI-13-30.0-20170502	5/2/2017	8290	30402-15-4	PeCDF (total)	0.059	J	0.017	5.8	pg/g	J	sp	< PQL			
4401834242	RI-13-30.0-20170502	5/2/2017	8290	55684-94-1	HxCDF (total)	0.21	JqB	0.018	5.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0989	0.4945	pg/g
4401834242	RI-13-30.0-20170502	5/2/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.057	JB	0.018	5.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0483	0.2415	pg/g
4401834242	RI-13-30.0-20170502	5/2/2017	8290	34465-46-8	HxCDD (total)	0.094	Jq	0.013	5.8	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-30.0-20170502	5/2/2017	8290	37871-00-4	HpCDD (total)	0.17	JqB	0.015	5.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.223	1.115	pg/g
4401834242	RI-13-30.0-20170502	5/2/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.15	JqB	0.013	5.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0742	0.371	pg/g
4401834242	RI-13-30.0-20170502	5/2/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.054	Jq	0.011	5.8	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-30.0-20170502	5/2/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.066	JB	0.020	5.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0198	0.099	pg/g
4401834242	RI-13-30.0-20170502	5/2/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.34	JqB	0.012	12	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.270	1.35	pg/g
4401834242	RI-13-30.0-20170502	5/2/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.031	JqB	0.017	5.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0101	0.0505	pg/g
4401834242	RI-13-30.0-20170502	5/2/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.072	JqB	0.015	5.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0651	0.3255	pg/g
4401834242	RI-13-30.0-20170502	5/2/2017	8290	38998-75-3	HpCDF (total)	0.33	JqB	0.014	5.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.139	0.695	pg/g
4401834242	RI-13-30.0-20170502	5/2/2017	8290	39001-02-0	Octachlorodibenzofuran	0.40	JB	0.019	12	pg/g	J	bl,sp	MB contamination; < PQL	0.829	4.145	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.51	JB	0.023	11	pg/g	J	bl,sp	MB contamination; < PQL	0.270	1.35	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	41903-57-5	TCDD (total)	0.016	Jq	0.013	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-5.0-20170502	5/2/2017	8290	38998-75-3	HpCDF (total)	0.24	JqB	0.014	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.139	0.695	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.11	Jq	0.013	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-5.0-20170502	5/2/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.053	JqB	0.015	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0651	0.3255	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	39001-02-0	Octachlorodibenzofuran	0.29	JqB	0.019	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.829	4.145	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.036	JB	0.017	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0206	0.103	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.029	Jq	0.011	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-5.0-20170502	5/2/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.14	JqB	0.014	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0742	0.371	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.082	J	0.014	5.4	pg/g	J	sp	< PQL			
4401834242	RI-13-5.0-20170502	5/2/2017	8290	37871-00-4	HpCDD (total)	0.27	JB	0.012	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.223	1.115	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	55684-94-1	HxCDF (total)	0.21	JqB	0.017	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0989	0.4945	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	30402-15-4	PeCDF (total)	0.029	Jq	0.014	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401834242	RI-13-5.0-20170502	5/2/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.058	JqB	0.018	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0198	0.099	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.090	JB	0.017	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0483	0.2415	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.029	JqB	0.011	1.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0113	0.0565	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.12	JB	0.012	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.116	0.58	pg/g
4401834242	RI-13-5.0-20170502	5/2/2017	8290	34465-46-8	HxCDD (total)	0.19	Jq	0.015	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-1.0-20170501	5/1/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.60	J	0.056	1.0	pg/g	J	sp	< PQL			
4401834262	RIDB-16-1.0-20170501	5/1/2017	8290	30402-14-3	Tetrachlorodibenzofuran	160	qB	0.57	1.0	pg/g	J	k	EMPC			
4401834262	RIDB-16-1.0-20170501	5/1/2017	8290	36088-22-9	PeCDD (total)	20	q	0.23	5.2	pg/g	J	k	EMPC			
4401834262	RIDB-16-1.0-20170501	5/1/2017	8290	34465-46-8	HxCDD (total)	21	q	0.044	5.2	pg/g	J	k	EMPC			
4401834262	RIDB-16-1.0-20170501	5/1/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.8	J	0.23	5.2	pg/g	J	sp	< PQL			
4401834262	RIDB-16-1.0-20170501	5/1/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.4	Jq	0.051	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-1.0-20170501	5/1/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.8	Jq	0.042	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-1.0-20170501	5/1/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.9	J	0.038	5.2	pg/g	J	sp	< PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	41903-57-5	TCDD (total)	0.33	Jq	0.017	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.2	JB	0.093	5.5	pg/g	J	sp	< PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.14	JqB	0.087	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0483	0.2415	pg/g
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	55684-94-1	HxCDF (total)	4.4	JqB	0.086	5.5	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	30402-14-3	Tetrachlorodibenzofuran	2.8	qB	0.025	1.1	pg/g	J	k	EMPC			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.63	JB	0.023	5.5	pg/g	J	sp	< PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	34465-46-8	HxCDD (total)	3.4	Jq	0.028	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	37871-00-4	HpCDD (total)	1.1	JB	0.023	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.223	1.115	pg/g
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	30402-15-4	PeCDF (total)	3.2	Jq	0.052	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.26	J	0.024	5.5	pg/g	J	sp	< PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	36088-22-9	PeCDD (total)	0.73	Jq	0.038	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.74	JB	0.019	11	pg/g	J	bl,sp	MB contamination; < PQL	0.270	1.35	pg/g
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.63	J	0.025	1.1	pg/g	J	sp	< PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.36	J	0.027	5.5	pg/g	J	sp	< PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.17	JqB	0.087	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	39001-02-0	Octachlorodibenzofuran	8.6	JB	0.048	11	pg/g	J	sp	< PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.1	JB	0.047	5.5	pg/g	J	sp	< PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.65	J	0.051	5.5	pg/g	J	sp	< PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.64	JB	0.079	5.5	pg/g	J	sp	< PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.0	JB	0.042	5.5	pg/g	J	sp	< PQL			
4401834262	RIDB-16-10.0-20170502	5/2/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.27	J	0.053	5.5	pg/g	J	sp	< PQL			
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	37871-00-4	HpCDD (total)	0.28	JqB	0.020	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.223	1.115	pg/g
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	39001-02-0	Octachlorodibenzofuran	0.89	JB	0.027	11	pg/g	J	bl,sp	MB contamination; < PQL	0.829	4.145	pg/g
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.13	JB	0.029	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0651	0.3255	pg/g
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.064	Jq	0.026	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.088	JqB	0.022	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.66	JB	0.015	11	pg/g	J	bl,sp	MB contamination; < PQL	0.270	1.35	pg/g
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.12	J	0.020	1.1	pg/g	J	sp	< PQL			
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.053	Jq	0.017	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.17	J	0.015	5.5	pg/g	J	sp	< PQL			
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	34465-46-8	HxCDD (total)	0.22	Jq	0.018	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.050	J	0.027	5.5	pg/g	J	sp	< PQL			
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.32	JB	0.026	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0742	0.371	pg/g
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.59	JqB	0.020	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.051	JqB	0.024	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0483	0.2415	pg/g
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.15	JB	0.020	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.116	0.58	pg/g
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	55684-94-1	HxCDF (total)	0.48	JqB	0.024	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0989	0.4945	pg/g
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	30402-15-4	PeCDF (total)	0.27	Jq	0.027	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.15	JB	0.026	5.5	pg/g	J	sp	< PQL			
4401834262	RIDB-16-20.0-20170502	5/2/2017	8290	38998-75-3	HpCDF (total)	0.66	JqB	0.027	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.139	0.695	pg/g
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.049	J	0.029	7.3	pg/g	J	sp	< PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	30402-14-3	Tetrachlorodibenzofuran	3.2	qB	0.030	1.5	pg/g	J	k	EMPC			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.72	JB	0.077	7.3	pg/g	J	sp	< PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.0	JB	0.042	7.3	pg/g	J	sp	< PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	39001-02-0	Octachlorodibenzofuran	6.5	JB	0.047	15	pg/g	J	sp	< PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.20	JqB	0.085	7.3	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.17	Jq	0.024	7.3	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.50	J	0.021	7.3	pg/g	J	sp	< PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	30402-15-4	PeCDF (total)	3.7	Jq	0.052	7.3	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.94	JB	0.023	15	pg/g	J	bl,sp	MB contamination; < PQL	0.270	1.35	pg/g
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.68	Jq	0.030	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.18	JqB	0.085	7.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0483	0.2415	pg/g
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	38998-75-3	HpCDF (total)	5.2	JB	0.040	7.3	pg/g	J	sp	< PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.37	JB	0.026	7.3	pg/g	J	bl,sp	MB contamination; < PQL	0.116	0.58	pg/g
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	55684-94-1	HxCDF (total)	4.5	JqB	0.084	7.3	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	34465-46-8	HxCDD (total)	1.1	Jq	0.025	7.3	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	36088-22-9	PeCDD (total)	0.47	Jq	0.047	7.3	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	37871-00-4	HpCDD (total)	0.69	JB	0.026	7.3	pg/g	J	bl,sp	MB contamination; < PQL	0.223	1.115	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.31	J	0.053	7.3	pg/g	J	sp	< PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.6	JB	0.038	7.3	pg/g	J	sp	< PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.71	J	0.051	7.3	pg/g	J	sp	< PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.2	JB	0.091	7.3	pg/g	J	sp	< PQL			
4401834262	RIDB-16-30.0-20170502	5/2/2017	8290	41903-57-5	TCDD (total)	0.28	Jq	0.034	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401834262	RIDB-16-5.0-20170502	5/2/2017	8290	55684-94-1	HxCDF (total)	700	qB	3.8	5.3	pg/g	J	k	EMPC			
4401834262	RIDB-16-5.0-20170502	5/2/2017	8290	41903-57-5	TCDD (total)	40	q	0.085	1.1	pg/g	J	k	EMPC			
4401834262	RIDB-16-5.0-20170502	5/2/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3.4	J	0.11	5.3	pg/g	J	sp	< PQL			
4401834262	RIDB-16-5.0-20170502	5/2/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.1	J	0.50	5.3	pg/g	J	sp	< PQL			
4401834262	RIDB-16-5.0-20170502	5/2/2017	8290	34465-46-8	HxCDD (total)	48	q	0.093	5.3	pg/g	J	k	EMPC			
4401834262	RIDB-16-5.0-20170502	5/2/2017	8290	30402-14-3	Tetrachlorodibenzofuran	400	GqB	1.4	1.4	pg/g	J	k	EMPC			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.12	J	0.062	5.4	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.21	J	0.022	5.4	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.33	J	0.026	1.1	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.37	Jq	0.059	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	41903-57-5	TCDD (total)	0.074	J	0.030	1.1	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.29	J	0.037	5.4	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.60	JB	0.019	5.4	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	39001-02-0	Octachlorodibenzofuran	3.8	JB	0.025	11	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.054	J	0.023	5.4	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.30	JB	0.019	5.4	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	38998-75-3	HpCDF (total)	3.1	JB	0.018	5.4	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	4.5	JB	0.018	11	pg/g	J	bl,sp	MB contamination; < PQL	1.01	5.05	pg/g
4401835742	RI-12-10.0-20170503	5/3/2017	8290	30402-15-4	PeCDF (total)	1.8	Jq	0.037	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.62	J	0.063	5.4	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.20	JB	0.064	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0649	0.3245	pg/g
4401835742	RI-12-10.0-20170503	5/3/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.4	q	0.026	1.1	pg/g	J	k	EMPC			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.62	JB	0.017	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.143	0.715	pg/g
4401835742	RI-12-10.0-20170503	5/3/2017	8290	55684-94-1	HxCDF (total)	2.4	JBq	0.062	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	34465-46-8	HxCDD (total)	0.56	JB	0.021	5.4	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	37871-00-4	HpCDD (total)	1.0	JBq	0.017	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.293	1.465	pg/g
4401835742	RI-12-10.0-20170503	5/3/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.5	JB	0.016	5.4	pg/g	J	sp	< PQL			
4401835742	RI-12-10.0-20170503	5/3/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.16	Jq	0.037	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-20.0-20170503	5/3/2017	8290	39001-02-0	Octachlorodibenzofuran	0.54	JB	0.021	11	pg/g	J	bl,sp	MB contamination; < PQL	0.147	0.735	pg/g
4401835742	RI-12-20.0-20170503	5/3/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.64	JB	0.016	5.6	pg/g	J	sp	< PQL			
4401835742	RI-12-20.0-20170503	5/3/2017	8290	34465-46-8	HxCDD (total)	0.77	JB	0.018	5.6	pg/g	J	sp	< PQL			
4401835742	RI-12-20.0-20170503	5/3/2017	8290	36088-22-9	PeCDD (total)	0.036	Jq	0.024	5.6	pg/g	J	k,l,sp	EMPC; LCS %R; < PQL	126	70-120	%
4401835742	RI-12-20.0-20170503	5/3/2017	8290	37871-00-4	HpCDD (total)	0.25	JB	0.014	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.293	1.465	pg/g
4401835742	RI-12-20.0-20170503	5/3/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.17	JqB	0.013	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0768	0.384	pg/g
4401835742	RI-12-20.0-20170503	5/3/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.14	JB	0.028	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0649	0.3245	pg/g
4401835742	RI-12-20.0-20170503	5/3/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.11	J	0.027	5.6	pg/g	J	sp	< PQL			
4401835742	RI-12-20.0-20170503	5/3/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.026	J	0.019	5.6	pg/g	J	sp	< PQL			
4401835742	RI-12-20.0-20170503	5/3/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.10	JB	0.015	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0659	0.3295	pg/g
4401835742	RI-12-20.0-20170503	5/3/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.10	J	0.019	5.6	pg/g	J	sp	< PQL			
4401835742	RI-12-20.0-20170503	5/3/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.036	Jq*	0.024	5.6	pg/g	J	k,l,sp	EMPC; LCS %R; < PQL	126	70-120	%
4401835742	RI-12-20.0-20170503	5/3/2017	8290	55684-94-1	HxCDF (total)	0.40	JqB	0.027	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-20.0-20170503	5/3/2017	8290	41903-57-5	TCDD (total)	0.91	J	0.032	1.1	pg/g	J	sp	< PQL			
4401835742	RI-12-20.0-20170503	5/3/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.053	J	0.017	1.1	pg/g	J	sp	< PQL			
4401835742	RI-12-20.0-20170503	5/3/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.33	Jq	0.017	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-20.0-20170503	5/3/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.69	JB	0.016	11	pg/g	J	bl,sp	MB contamination; < PQL	1.01	5.05	pg/g
4401835742	RI-12-20.0-20170503	5/3/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.062	Jq	0.026	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-20.0-20170503	5/3/2017	8290	30402-15-4	PeCDF (total)	0.062	Jq	0.026	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-20.0-20170503	5/3/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.14	JB	0.014	5.6	pg/g	J	bl,sp	MB contamination; < PQL	0.143	0.715	pg/g
4401835742	RI-12-20.0-20170503	5/3/2017	8290	38998-75-3	HpCDF (total)	0.37	JqB	0.014	5.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.143	0.715	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401835742	RI-12-20.0-20170503	5/3/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.10	J	0.026	5.6	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	30402-15-4	PeCDF (total)	1.1	J	0.047	8.6	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.40	J	0.046	8.6	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.31	JB	0.047	8.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0649	0.3245	pg/g
4401835742	RI-12-30.0-20170503	5/3/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.2	Jq	0.030	1.7	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.33	JB	0.019	8.6	pg/g	J	bl,sp	MB contamination; < PQL	0.143	0.715	pg/g
4401835742	RI-12-30.0-20170503	5/3/2017	8290	36088-22-9	PeCDD (total)	0.082	J	0.043	8.6	pg/g	J+	l,sp	LCS %R; < PQL	126	70-120	%
4401835742	RI-12-30.0-20170503	5/3/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.11	J	0.045	8.6	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	55684-94-1	HxCDF (total)	1.8	JqB	0.045	8.6	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	37871-00-4	HpCDD (total)	0.63	JB	0.019	8.6	pg/g	J	bl,sp	MB contamination; < PQL	0.293	1.465	pg/g
4401835742	RI-12-30.0-20170503	5/3/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.71	JB	0.024	8.6	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.14	J	0.047	8.6	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	34465-46-8	HxCDD (total)	0.68	JqB	0.019	8.6	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	41903-57-5	TCDD (total)	0.082	Jq	0.032	1.7	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.7	JB	0.020	17	pg/g	J	bl,sp	MB contamination; < PQL	1.01	5.05	pg/g
4401835742	RI-12-30.0-20170503	5/3/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.17	Jq	0.019	8.6	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.054	J	0.020	8.6	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	38998-75-3	HpCDF (total)	1.4	JqB	0.026	8.6	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.20	JB	0.017	8.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0380	0.19	pg/g
4401835742	RI-12-30.0-20170503	5/3/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.082	J*	0.043	8.6	pg/g	J+	l,sp	LCS %R; < PQL	126	70-120	%
4401835742	RI-12-30.0-20170503	5/3/2017	8290	39001-02-0	Octachlorodibenzofuran	2.0	JB	0.027	17	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.27	JqB	0.029	8.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0659	0.3295	pg/g
4401835742	RI-12-30.0-20170503	5/3/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.31	J	0.047	8.6	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.28	J	0.043	8.6	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503	5/3/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.28	J	0.030	1.7	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.43	J	0.049	1.8	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	55684-94-1	HxCDF (total)	3.0	JqB	0.066	8.8	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	34465-46-8	HxCDD (total)	0.44	JqB	0.026	8.8	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	36088-22-9	PeCDD (total)	0.079	J	0.053	8.8	pg/g	J+	l,sp	LCS %R; < PQL	126	70-120	%
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	37871-00-4	HpCDD (total)	1.0	JqB	0.024	8.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.293	1.465	pg/g
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.079	J*	0.053	8.8	pg/g	J+	l,sp	LCS %R; < PQL	126	70-120	%
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.8	q	0.049	1.8	pg/g	J	k	EMPC			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.58	JqB	0.024	8.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.143	0.715	pg/g
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.3	JB	0.019	8.8	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	30402-15-4	PeCDF (total)	1.7	Jq	0.047	8.8	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.65	J	0.067	8.8	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	3.5	JB	0.023	18	pg/g	J	bl,sp	MB contamination; < PQL	1.01	5.05	pg/g
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.19	J	0.026	8.8	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.14	J	0.066	8.8	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	39001-02-0	Octachlorodibenzofuran	4.2	JB	0.040	18	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.54	JB	0.023	8.8	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.39	J	0.046	8.8	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.41	J	0.063	8.8	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.23	JB	0.023	8.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0380	0.19	pg/g
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	38998-75-3	HpCDF (total)	3.3	JB	0.021	8.8	pg/g	J	sp	< PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	41903-57-5	TCDD (total)	0.10	Jq	0.051	1.8	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-30.0-20170503-FD	5/3/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.26	JB	0.069	8.8	pg/g	J	bl,sp	MB contamination; < PQL	0.0649	0.3245	pg/g
4401835742	RI-12-5.0-20170503	5/3/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.8	J	0.095	5.5	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	30402-15-4	PeCDF (total)	4.9	Jq	0.061	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	36088-22-9	PeCDD (total)	0.50	Jq	0.037	5.5	pg/g	J	k,l,sp	EMPC; LCS %R; < PQL	126	70-120	%
4401835742	RI-12-5.0-20170503	5/3/2017	8290	34465-46-8	HxCDD (total)	1.0	JqB	0.024	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	37871-00-4	HpCDD (total)	2.0	JB	0.021	5.5	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4.3	JB	0.026	5.5	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.51	J	0.061	5.5	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401835742	RI-12-5.0-20170503	5/3/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.12	Jq*	0.037	5.5	pg/g	J	k,l,sp	EMPC; LCS %R; < PQL	126	70-120	%
4401835742	RI-12-5.0-20170503	5/3/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.2	JB	0.021	5.5	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	30402-14-3	Tetrachlorodibenzofuran	4.8	q	0.036	1.1	pg/g	J	k	EMPC			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.71	J	0.096	1.1	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.28	JB	0.097	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0649	0.3245	pg/g
4401835742	RI-12-5.0-20170503	5/3/2017	8290	41903-57-5	TCDD (total)	0.30	Jq	0.027	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.4	JB	0.019	11	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.30	J	0.093	5.5	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.25	J	0.024	5.5	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.1	J	0.089	5.5	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.80	J	0.060	5.5	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.7	JB	0.032	5.5	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.12	J	0.025	5.5	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.28	JB	0.022	5.5	pg/g	J	sp	< PQL			
4401835742	RI-12-5.0-20170503	5/3/2017	8290	55684-94-1	HxCDF (total)	6.8	qB	0.094	5.5	pg/g	J	k	EMPC			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	3.8	J	0.23	5.2	pg/g	J	sp	< PQL			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.18	J	0.029	5.2	pg/g	J	sp	< PQL			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.19	J*	0.060	5.2	pg/g	J+	l,sp	LCS %R; < PQL	126	70-120	%
4401837022	RI-22-1.0-20170504	5/4/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.0	JB	0.27	5.2	pg/g	J	sp	< PQL			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	30402-15-4	PeCDF (total)	25	q	0.23	5.2	pg/g	J	k	EMPC			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.49	J	0.028	5.2	pg/g	J	sp	< PQL			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	6.0	JB	0.020	10	pg/g	J	sp	< PQL			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.2	JB	0.031	5.2	pg/g	J	sp	< PQL			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	30402-14-3	Tetrachlorodibenzofuran	13	q	0.087	1.0	pg/g	J	k	EMPC			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.2	J	0.26	5.2	pg/g	J	sp	< PQL			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.5	J	0.23	5.2	pg/g	J	sp	< PQL			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	37871-00-4	HpCDD (total)	4.0	JB	0.031	5.2	pg/g	J	sp	< PQL			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.54	JB	0.025	5.2	pg/g	J	sp	< PQL			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	41903-57-5	TCDD (total)	0.49	Jq	0.035	1.0	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-1.0-20170504	5/4/2017	8290	36088-22-9	PeCDD (total)	1.2	Jq	0.060	5.2	pg/g	J	k,l,sp	EMPC; LCS %R; < PQL	126	70-120	%
4401837022	RI-22-1.0-20170504	5/4/2017	8290	34465-46-8	HxCDD (total)	2.8	JqB	0.027	5.2	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-10.0-20170504	5/4/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.15	JB	0.017	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.143	0.715	pg/g
4401837022	RI-22-10.0-20170504	5/4/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.084	Jq	0.030	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-10.0-20170504	5/4/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.14	JB	0.022	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0659	0.3295	pg/g
4401837022	RI-22-10.0-20170504	5/4/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.063	Jq	0.039	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-10.0-20170504	5/4/2017	8290	39001-02-0	Octachlorodibenzofuran	1.0	JB	0.023	11	pg/g	J	sp	< PQL			
4401837022	RI-22-10.0-20170504	5/4/2017	8290	38998-75-3	HpCDF (total)	0.69	JqB	0.020	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.143	0.715	pg/g
4401837022	RI-22-10.0-20170504	5/4/2017	8290	55684-94-1	HxCDF (total)	0.57	JqB	0.041	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-10.0-20170504	5/4/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.12	Jq	0.023	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-10.0-20170504	5/4/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.60	JB	0.013	11	pg/g	J	bl,sp	MB contamination; < PQL	1.01	5.05	pg/g
4401837022	RI-22-10.0-20170504	5/4/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.16	J	0.041	5.3	pg/g	J	sp	< PQL			
4401837022	RI-22-10.0-20170504	5/4/2017	8290	30402-15-4	PeCDF (total)	0.084	Jq	0.031	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-10.0-20170504	5/4/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.37	JB	0.018	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0768	0.384	pg/g
4401837022	RI-22-10.0-20170504	5/4/2017	8290	37871-00-4	HpCDD (total)	0.33	JB	0.017	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.293	1.465	pg/g
4401837022	RI-22-10.0-20170504	5/4/2017	8290	34465-46-8	HxCDD (total)	0.21	JqB	0.017	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-10.0-20170504	5/4/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.085	J	0.023	1.1	pg/g	J	sp	< PQL			
4401837022	RI-22-10.0-20170504	5/4/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.092	J	0.017	5.3	pg/g	J	sp	< PQL			
4401837022	RI-22-10.0-20170504	5/4/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.12	JqB	0.015	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0380	0.19	pg/g
4401837022	RI-22-10.0-20170504	5/4/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.10	JB	0.042	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0649	0.3245	pg/g
4401837022	RI-22-20.0-20170504	5/4/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.12	JB	0.015	6.9	pg/g	J	bl,sp	MB contamination; < PQL	0.143	0.715	pg/g
4401837022	RI-22-20.0-20170504	5/4/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.085	J	0.026	1.4	pg/g	J	sp	< PQL			
4401837022	RI-22-20.0-20170504	5/4/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.070	J	0.017	6.9	pg/g	J	sp	< PQL			
4401837022	RI-22-20.0-20170504	5/4/2017	8290	39001-02-0	Octachlorodibenzofuran	0.62	JB	0.029	14	pg/g	J	bl,sp	MB contamination; < PQL	0.147	0.735	pg/g
4401837022	RI-22-20.0-20170504	5/4/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.096	J	0.040	6.9	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401837022	RI-22-20.0-20170504	5/4/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.48	JB	0.018	14	pg/g	J	bl,sp	MB contamination; < PQL	1.01	5.05	pg/g
4401837022	RI-22-20.0-20170504	5/4/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.14	Jq	0.026	1.4	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-20.0-20170504	5/4/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.070	JqB	0.023	6.9	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0659	0.3295	pg/g
4401837022	RI-22-20.0-20170504	5/4/2017	8290	55684-94-1	HxCDF (total)	0.37	JqB	0.042	6.9	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-20.0-20170504	5/4/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.093	Jq	0.043	6.9	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-20.0-20170504	5/4/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.098	JqB	0.044	6.9	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0649	0.3245	pg/g
4401837022	RI-22-20.0-20170504	5/4/2017	8290	34465-46-8	HxCDD (total)	0.13	JB	0.017	6.9	pg/g	J	bl,sp	MB contamination; < PQL	0.0380	0.19	pg/g
4401837022	RI-22-20.0-20170504	5/4/2017	8290	37871-00-4	HpCDD (total)	0.29	JB	0.015	6.9	pg/g	J	bl,sp	MB contamination; < PQL	0.293	1.465	pg/g
4401837022	RI-22-20.0-20170504	5/4/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.23	JqB	0.019	6.9	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0768	0.384	pg/g
4401837022	RI-22-20.0-20170504	5/4/2017	8290	38998-75-3	HpCDF (total)	0.45	JqB	0.021	6.9	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.143	0.715	pg/g
4401837022	RI-22-20.0-20170504	5/4/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.064	JB	0.015	6.9	pg/g	J	bl,sp	MB contamination; < PQL	0.0380	0.19	pg/g
4401837022	RI-22-30.0-20170504	5/4/2017	8290	41903-57-5	TCDD (total)	0.081	J	0.033	1.6	pg/g	J	sp	< PQL			
4401837022	RI-22-30.0-20170504	5/4/2017	8290	55684-94-1	HxCDF (total)	0.30	JqB	0.026	8.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0649	0.3245	pg/g
4401837022	RI-22-30.0-20170504	5/4/2017	8290	30402-15-4	PeCDF (total)	0.14	Jq	0.026	8.1	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-30.0-20170504	5/4/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.14	JB	0.027	8.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0649	0.3245	pg/g
4401837022	RI-22-30.0-20170504	5/4/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.086	Jq	0.027	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-30.0-20170504	5/4/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.084	J	0.026	8.1	pg/g	J	sp	< PQL			
4401837022	RI-22-30.0-20170504	5/4/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.062	Jq	0.026	8.1	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-30.0-20170504	5/4/2017	8290	39001-02-0	Octachlorodibenzofuran	0.27	JB	0.023	16	pg/g	J	bl,sp	MB contamination; < PQL	0.147	0.735	pg/g
4401837022	RI-22-30.0-20170504	5/4/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.24	JB	0.015	8.1	pg/g	J	bl,sp	MB contamination; < PQL	0.143	0.715	pg/g
4401837022	RI-22-30.0-20170504	5/4/2017	8290	38998-75-3	HpCDF (total)	0.26	JqB	0.013	8.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.143	0.715	pg/g
4401837022	RI-22-30.0-20170504	5/4/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.12	JB	0.014	8.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0380	0.19	pg/g
4401837022	RI-22-30.0-20170504	5/4/2017	8290	34465-46-8	HxCDD (total)	0.44	JqB	0.016	8.1	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-30.0-20170504	5/4/2017	8290	37871-00-4	HpCDD (total)	0.54	JB	0.015	8.1	pg/g	J	bl,sp	MB contamination; < PQL	0.293	1.465	pg/g
4401837022	RI-22-30.0-20170504	5/4/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.13	JqB	0.012	8.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0768	0.384	pg/g
4401837022	RI-22-30.0-20170504	5/4/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.071	JB	0.014	8.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0659	0.3295	pg/g
4401837022	RI-22-30.0-20170504	5/4/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.043	J	0.026	8.1	pg/g	J	sp	< PQL			
4401837022	RI-22-30.0-20170504	5/4/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	2.9	JB	0.019	16	pg/g	J	bl,sp	MB contamination; < PQL	1.01	5.05	pg/g
4401837022	RI-22-30.0-20170504	5/4/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.093	Jq	0.016	8.1	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-30.0-20170504	5/4/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.044	Jq	0.027	1.6	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-30.0-20170504	5/4/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.053	Jq	0.025	8.1	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-40.0-20170504	5/4/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.041	Jq	0.025	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-40.0-20170504	5/4/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.45	JB	0.017	15	pg/g	J	bl,sp	MB contamination; < PQL	1.01	5.05	pg/g
4401837022	RI-22-40.0-20170504	5/4/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.17	JB	0.015	7.7	pg/g	J	bl,sp	MB contamination; < PQL	0.0768	0.384	pg/g
4401837022	RI-22-40.0-20170504	5/4/2017	8290	34465-46-8	HxCDD (total)	0.14	JqB	0.022	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0380	0.19	pg/g
4401837022	RI-22-40.0-20170504	5/4/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.13	JB	0.052	7.7	pg/g	J	bl,sp	MB contamination; < PQL	0.0649	0.3245	pg/g
4401837022	RI-22-40.0-20170504	5/4/2017	8290	37871-00-4	HpCDD (total)	0.27	JB	0.016	7.7	pg/g	J	bl,sp	MB contamination; < PQL	0.293	1.465	pg/g
4401837022	RI-22-40.0-20170504	5/4/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.10	JB	0.016	7.7	pg/g	J	bl,sp	MB contamination; < PQL	0.143	0.715	pg/g
4401837022	RI-22-40.0-20170504	5/4/2017	8290	55684-94-1	HxCDF (total)	0.13	JB	0.050	7.7	pg/g	J	bl,sp	MB contamination; < PQL	0.0649	0.3245	pg/g
4401837022	RI-22-40.0-20170504	5/4/2017	8290	41903-57-5	TCDD (total)	0.075	Jq	0.029	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-40.0-20170504	5/4/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.066	JqB	0.020	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0380	0.19	pg/g
4401837022	RI-22-40.0-20170504	5/4/2017	8290	38998-75-3	HpCDF (total)	0.32	JqB	0.016	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.143	0.715	pg/g
4401837022	RI-22-40.0-20170504	5/4/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.078	Jq	0.025	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-40.0-20170504	5/4/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.070	Jq	0.022	7.7	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-40.0-20170504	5/4/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.047	JqB	0.018	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0659	0.3295	pg/g
4401837022	RI-22-40.0-20170504	5/4/2017	8290	39001-02-0	Octachlorodibenzofuran	0.40	JB	0.025	15	pg/g	J	bl,sp	MB contamination; < PQL	0.147	0.735	pg/g
4401837022	RI-22-5.0-20170504	5/4/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.43	J	0.043	5.3	pg/g	J	sp	< PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	34465-46-8	HxCDD (total)	0.36	JqB	0.017	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	37871-00-4	HpCDD (total)	0.57	JqB	0.015	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.293	1.465	pg/g
4401837022	RI-22-5.0-20170504	5/4/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.1	JB	0.016	5.3	pg/g	J	sp	< PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	55684-94-1	HxCDF (total)	1.9	JqB	0.042	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.55	Jq	0.020	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.070	J	0.042	5.3	pg/g	J	sp	< PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.11	JB	0.043	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0649	0.3245	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401837022	RI-22-5.0-20170504	5/4/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.20	J	0.030	5.3	pg/g	J	sp	< PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.15	J	0.020	1.1	pg/g	J	sp	< PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.15	JB	0.015	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0380	0.19	pg/g
4401837022	RI-22-5.0-20170504	5/4/2017	8290	39001-02-0	Octachlorodibenzofuran	4.2	JB	0.024	11	pg/g	J	sp	< PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	38998-75-3	HpCDF (total)	2.2	JB	0.018	5.3	pg/g	J	sp	< PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	3.3	JB	0.017	11	pg/g	J	bl,sp	MB contamination; < PQL	1.01	5.05	pg/g
4401837022	RI-22-5.0-20170504	5/4/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.12	J	0.017	5.3	pg/g	J	sp	< PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.30	JqB	0.015	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.143	0.715	pg/g
4401837022	RI-22-5.0-20170504	5/4/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.41	JB	0.019	5.3	pg/g	J	sp	< PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	30402-15-4	PeCDF (total)	0.97	Jq	0.030	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401837022	RI-22-5.0-20170504	5/4/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.23	J	0.040	5.3	pg/g	J	sp	< PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	37871-00-4	HpCDD (total)	3.0	JBq	0.044	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.0	JB	0.027	5.3	pg/g	J	sp	< PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	41903-57-5	TCDD (total)	1.1	q	0.026	1.1	pg/g	J	k	EMPC			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.70	JBq	0.037	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	5.2	JB	0.16	5.3	pg/g	J	sp	< PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	36088-22-9	PeCDD (total)	1.9	JBq	0.062	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	5.2	JB	0.25	5.3	pg/g	J	sp	< PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.2	JB	0.23	5.3	pg/g	J	sp	< PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.9	JB	0.10	5.3	pg/g	J	sp	< PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.1	JB	0.21	5.3	pg/g	J	sp	< PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	30402-14-3	Tetrachlorodibenzofuran	17	Bq	0.078	1.1	pg/g	J	k	EMPC			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.6	JB	0.099	5.3	pg/g	J	sp	< PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	34465-46-8	HxCDD (total)	3.6	JBq	0.032	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.87	JBq	0.062	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.0	JB	0.030	5.3	pg/g	J	sp	< PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	5.9	JB	0.035	11	pg/g	J	sp	< PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.4	JB	0.044	5.3	pg/g	J	sp	< PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.38	Jq	0.026	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.1	JB	0.23	5.3	pg/g	J	sp	< PQL			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	55684-94-1	HxCDF (total)	18	Bq	0.23	5.3	pg/g	J	k	EMPC			
4401848582	RI-27-1.0-20170519	5/19/2017	8290	30402-15-4	PeCDF (total)	16	Bq	0.10	5.3	pg/g	J	k	EMPC			
4401848582	RI-27-10.0-20170519	5/19/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.33	JB	0.022	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0887	0.4435	pg/g
4401848582	RI-27-10.0-20170519	5/19/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.25	JB	0.065	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0728	0.364	pg/g
4401848582	RI-27-10.0-20170519	5/19/2017	8290	38998-75-3	HpCDF (total)	3.2	JqB	0.052	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-27-10.0-20170519	5/19/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.20	JB	0.043	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0987	0.4935	pg/g
4401848582	RI-27-10.0-20170519	5/19/2017	8290	30402-15-4	PeCDF (total)	2.0	JqB	0.053	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-27-10.0-20170519	5/19/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.77	JB	0.070	5.5	pg/g	J	sp	< PQL			
4401848582	RI-27-10.0-20170519	5/19/2017	8290	30402-14-3	Tetrachlorodibenzofuran	2.3	qB	0.029	1.1	pg/g	J	k	EMPC			
4401848582	RI-27-10.0-20170519	5/19/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.87	JB	0.039	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.204	1.02	pg/g
4401848582	RI-27-10.0-20170519	5/19/2017	8290	55684-94-1	HxCDF (total)	3.3	JqB	0.065	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-27-10.0-20170519	5/19/2017	8290	34465-46-8	HxCDD (total)	0.84	JqB	0.025	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.260	1.3	pg/g
4401848582	RI-27-10.0-20170519	5/19/2017	8290	36088-22-9	PeCDD (total)	0.26	JqB	0.043	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0987	0.4935	pg/g
4401848582	RI-27-10.0-20170519	5/19/2017	8290	37871-00-4	HpCDD (total)	1.5	JB	0.039	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.422	2.11	pg/g
4401848582	RI-27-10.0-20170519	5/19/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.66	JB	0.055	5.5	pg/g	J	sp	< PQL			
4401848582	RI-27-10.0-20170519	5/19/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.6	JB	0.049	5.5	pg/g	J	sp	< PQL			
4401848582	RI-27-10.0-20170519	5/19/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.12	JqB	0.030	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0851	0.4255	pg/g
4401848582	RI-27-10.0-20170519	5/19/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	7.9	JB	0.047	11	pg/g	J	sp	< PQL			
4401848582	RI-27-10.0-20170519	5/19/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.72	JB	0.029	1.1	pg/g	J	sp	< PQL			
4401848582	RI-27-10.0-20170519	5/19/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.25	JqB	0.024	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0863	0.4315	pg/g
4401848582	RI-27-10.0-20170519	5/19/2017	8290	39001-02-0	Octachlorodibenzofuran	6.6	JB	0.055	11	pg/g	J+	c,sp	CCV %D; < PQL	26.5	20	%
4401848582	RI-27-10.0-20170519	5/19/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.37	JB	0.065	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.131	0.655	pg/g
4401848582	RI-27-10.0-20170519	5/19/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.50	JB	0.052	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.116	0.58	pg/g
4401848582	RI-27-10.0-20170519	5/19/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.46	J	0.059	5.5	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401848582	RI-27-10.0-20170519	5/19/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.32	JB	0.054	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.103	0.515 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.10	JB	0.025	6.1	pg/g	J	bl,sp	MB contamination; < PQL	0.103	0.515 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	37871-00-4	HpCDD (total)	0.38	JB	0.033	6.1	pg/g	J	bl,sp	MB contamination; < PQL	0.422	2.11 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.15	JqB	0.025	6.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.131	0.655 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.16	JB	0.027	6.1	pg/g	J	bl,sp	MB contamination; < PQL	0.122	0.61 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	30402-15-4	PeCDF (total)	0.24	JqB	0.025	6.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.219	1.095 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	55684-94-1	HxCDF (total)	0.65	JqB	0.025	6.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.396	1.98 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.099	JqB	0.020	1.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0399	0.1995 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.25	JB	0.027	6.1	pg/g	J	bl,sp	MB contamination; < PQL	0.161	0.805 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	36088-22-9	PeCDD (total)	0.14	JqB	0.029	6.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0987	0.4935 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	34465-46-8	HxCDD (total)	1.0	JqB	0.024	6.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.260	1.3 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.14	JqB	0.029	6.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0987	0.4935 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.24	JqB	0.023	6.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0863	0.4315 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	39001-02-0	Octachlorodibenzofuran	0.61	JqB	0.045	12	pg/g	J	bl,c,k,sp	MB contamination; CCV %D; EMPC; < PQL	0.3; 26.5	1.5; 20 pg/g; %
4401848582	RI-27-20.0-20170519	5/19/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.18	JB	0.033	6.1	pg/g	J	bl,sp	MB contamination; < PQL	0.204	1.02 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.056	JqB	0.020	1.2	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0399	0.1995 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.095	JB	0.029	6.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0851	0.4255 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.71	JB	0.021	6.1	pg/g	J	sp	< PQL		
4401848582	RI-27-20.0-20170519	5/19/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.12	JqB	0.030	6.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.123	0.615 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.13	JqB	0.024	6.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.116	0.58 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.16	Jq	0.023	6.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0863	0.4315 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.12	JB	0.025	6.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0728	0.364 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.52	JB	0.028	12	pg/g	J	bl,sp	MB contamination; < PQL	0.559	2.795 pg/g
4401848582	RI-27-20.0-20170519	5/19/2017	8290	38998-75-3	HpCDF (total)	0.47	JqB	0.028	6.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.284	1.42 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.51	JB	0.051	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.161	0.805 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	55684-94-1	HxCDF (total)	1.2	JqB	0.054	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.396	1.98 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	37871-00-4	HpCDD (total)	0.33	JqB	0.040	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.422	2.11 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	36088-22-9	PeCDD (total)	0.12	JqB	0.048	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0987	0.4935 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	34465-46-8	HxCDD (total)	0.48	JqB	0.029	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.260	1.3 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.21	JqB	0.040	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.204	1.02 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.70	JqB	0.037	1.6	pg/g	J	k,sp	EMPC; < PQL		
4401848582	RI-27-30.0-20170519	5/19/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.25	JqB	0.055	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.131	0.655 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	30402-15-4	PeCDF (total)	0.51	JqB	0.046	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.219	1.095 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.27	JB	0.037	1.6	pg/g	J	sp	< PQL		
4401848582	RI-27-30.0-20170519	5/19/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.32	JB	0.059	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.122	0.61 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	38998-75-3	HpCDF (total)	0.82	JqB	0.054	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.284	1.42 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.20	JqB	0.028	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0863	0.4315 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.17	JqB	0.055	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0728	0.364 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	39001-02-0	Octachlorodibenzofuran	1.3	JB	0.11	16	pg/g	J	bl,c,sp	MB contamination; CCV %D; < PQL	0.3; 26.5	1.5; 20 pg/g; %
4401848582	RI-27-30.0-20170519	5/19/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.21	JB	0.057	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.123	0.615 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.30	JB	0.045	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.116	0.58 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.26	J	0.050	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.0863	0.4315 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.079	JqB	0.034	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0851	0.4255 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.16	JB	0.025	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.0887	0.4435 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.12	JqB	0.048	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0987	0.4935 pg/g
4401848582	RI-27-30.0-20170519	5/19/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.66	JqB	0.051	16	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.559	2.795 pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	36088-22-9	PeCDD (total)	0.22	JqB	0.028	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0987	0.4935 pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	37871-00-4	HpCDD (total)	0.38	JqB	0.029	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.422	2.11 pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.17	JqB	0.028	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.103	0.515 pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.62	JB	0.032	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.161	0.805 pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.72	JqB	0.020	1.3	pg/g	J	k,sp	EMPC; < PQL		
4401848582	RI-27-40.0-20170519	5/19/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.24	JqB	0.029	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.204	1.02 pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	34465-46-8	HxCDD (total)	0.45	JqB	0.016	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.260	1.3 pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	30402-15-4	PeCDF (total)	1.1	JqB	0.028	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.219	1.095 pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401848582	RI-27-40.0-20170519	5/19/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.34	JqB	0.035	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.123	0.615	pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.39	JB	0.054	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.122	0.61	pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	55684-94-1	HxCDF (total)	1.2	JB	0.050	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.396	1.98	pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.14	JB	0.028	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0987	0.4935	pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.15	JB	0.016	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0863	0.4315	pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.19	JqB	0.020	1.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0399	0.1995	pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.46	JB	0.023	13	pg/g	J	bl,sp	MB contamination; < PQL	0.559	2.795	pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.29	JB	0.027	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.116	0.58	pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	39001-02-0	Octachlorodibenzofuran	1.9	JB	0.047	13	pg/g	J+	c,sp	CCV %D; < PQL	26.5	20	%
4401848582	RI-27-40.0-20170519	5/19/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.11	JB	0.019	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0851	0.4255	pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	41903-57-5	TCDD (total)	0.075	Jq	0.023	1.3	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-27-40.0-20170519	5/19/2017	8290	38998-75-3	HpCDF (total)	1.4	JqB	0.033	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.284	1.42	pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.15	JB	0.014	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0887	0.4435	pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.18	JB	0.050	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.131	0.655	pg/g
4401848582	RI-27-40.0-20170519	5/19/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.26	J	0.046	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0863	0.4315	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	34465-46-8	HxCDD (total)	0.64	JBq	0.013	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.260	1.3	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.22	JB	0.022	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.123	0.615	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	39001-02-0	Octachlorodibenzofuran	0.86	JB	0.028	11	pg/g	J	bl,sp	MB contamination; < PQL	0.300	1.5	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.13	JB	0.014	1.1	pg/g	J	bl,sp	MB contamination; < PQL	0.0399	0.1995	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.22	JB	0.013	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0863	0.4315	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.12	JBq	0.028	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0987	0.4935	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.35	JBq	0.020	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.161	0.805	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.13	JB	0.029	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.103	0.515	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.14	JBq	0.028	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.116	0.58	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	36088-22-9	PeCDD (total)	0.12	JBq	0.028	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0987	0.4935	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.085	JBq	0.029	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0728	0.364	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.32	JBq	0.014	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-27-5.0-20170519	5/19/2017	8290	55684-94-1	HxCDF (total)	0.84	JBq	0.029	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.396	1.98	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.24	JB	0.018	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.204	1.02	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	30402-15-4	PeCDF (total)	0.59	JBq	0.029	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.219	1.095	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.14	JB	0.029	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.131	0.655	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.19	JBq	0.031	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.122	0.61	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	38998-75-3	HpCDF (total)	0.70	JBq	0.021	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.284	1.42	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	37871-00-4	HpCDD (total)	0.36	JBq	0.018	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.422	2.11	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.084	JBq	0.016	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0851	0.4255	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.31	JB	0.011	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0887	0.4435	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.64	JB	0.017	11	pg/g	J	bl,sp	MB contamination; < PQL	0.559	2.795	pg/g
4401848582	RI-27-5.0-20170519	5/19/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.17	JBq	0.026	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0863	0.4315	pg/g
4401848582	RI-6-10.0-20170518	5/18/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.7	JBq	0.028	12	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.559	2.795	pg/g
4401848582	RI-6-10.0-20170518	5/18/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.45	JB	0.22	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.131	0.655	pg/g
4401848582	RI-6-10.0-20170518	5/18/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	5.0	JB	0.24	6.0	pg/g	J	sp	< PQL			
4401848582	RI-6-10.0-20170518	5/18/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.42	JBq	0.030	6.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0887	0.4435	pg/g
4401848582	RI-6-10.0-20170518	5/18/2017	8290	41903-57-5	TCDD (total)	0.89	Jq	0.042	1.2	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-6-10.0-20170518	5/18/2017	8290	55684-94-1	HxCDF (total)	19	Bq	0.22	6.0	pg/g	J	k	EMPC			
4401848582	RI-6-10.0-20170518	5/18/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.24	JB	0.041	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.0851	0.4255	pg/g
4401848582	RI-6-10.0-20170518	5/18/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.2	JB	0.049	6.0	pg/g	J	sp	< PQL			
4401848582	RI-6-10.0-20170518	5/18/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.3	JB	0.19	6.0	pg/g	J	sp	< PQL			
4401848582	RI-6-10.0-20170518	5/18/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.0	JB	0.20	6.0	pg/g	J	sp	< PQL			
4401848582	RI-6-10.0-20170518	5/18/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.42	JB	0.034	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.0863	0.4315	pg/g
4401848582	RI-6-10.0-20170518	5/18/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.83	JB	0.22	6.0	pg/g	J	sp	< PQL			
4401848582	RI-6-10.0-20170518	5/18/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.21	JBq	0.056	6.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0987	0.4935	pg/g
4401848582	RI-6-10.0-20170518	5/18/2017	8290	34465-46-8	HxCDD (total)	2.0	JBq	0.035	6.0	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-6-10.0-20170518	5/18/2017	8290	36088-22-9	PeCDD (total)	1.4	JBq	0.056	6.0	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RI-6-10.0-20170518	5/18/2017	8290	37871-00-4	HpCDD (total)	1.9	JB	0.049	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.422	2.11	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401848582	RI-6-10.0-20170518	5/18/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.96	JB	0.11	6.0	pg/g	J	sp	< PQL			
4401848582	RI-6-10.0-20170518	5/18/2017	8290	30402-14-3	Tetrachlorodibenzofuran	7.4	Bq	0.047	1.2	pg/g	J	k	EMPC			
4401848582	RI-6-10.0-20170518	5/18/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.0	JB	0.11	6.0	pg/g	J	sp	< PQL			
4401848582	RI-6-5.0-20170518	5/18/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	3.0	JB	0.36	6.6	pg/g	J	sp	< PQL			
4401848582	RI-6-5.0-20170518	5/18/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1.0	J	0.14	1.3	pg/g	J	sp	< PQL			
4401848582	RI-6-5.0-20170518	5/18/2017	8290	30402-15-4	PeCDF (total)	320	qB	2.0	6.6	pg/g	J	k	EMPC			
4401848582	RI-6-5.0-20170518	5/18/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	6.2	JB	3.1	6.6	pg/g	J	sp	< PQL			
4401848582	RI-6-5.0-20170518	5/18/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	4.7	JB	0.14	6.6	pg/g	J	sp	< PQL			
4401848582	RI-6-5.0-20170518	5/18/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	2.4	JB	0.17	6.6	pg/g	J	sp	< PQL			
4401848582	RI-6-5.0-20170518	5/18/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	4.6	JB	0.12	6.6	pg/g	J	sp	< PQL			
4401848582	RI-6-5.0-20170518	5/18/2017	8290	41903-57-5	TCDD (total)	22	q	0.14	1.3	pg/g	J	k	EMPC			
4401848582	RI-6-5.0-20170518	5/18/2017	8290	36088-22-9	PeCDD (total)	29	qB	0.36	6.6	pg/g	J	k	EMPC			
4401848582	RIDB-29-1.0-20170519	5/19/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.2	JB	0.41	5.3	pg/g	J	sp	< PQL			
4401848582	RIDB-29-1.0-20170519	5/19/2017	8290	30402-15-4	PeCDF (total)	510	qB	3.2	5.3	pg/g	J	k	EMPC			
4401848582	RIDB-29-1.0-20170519	5/19/2017	8290	36088-22-9	PeCDD (total)	42	qB	0.41	5.3	pg/g	J	k	EMPC			
4401848582	RIDB-29-1.0-20170519	5/19/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1.1	q	0.10	1.1	pg/g	J	k	EMPC			
4401848582	RIDB-29-1.0-20170519	5/19/2017	8290	39001-02-0	Octachlorodibenzofuran	1300	B	1.0	11	pg/g	J+	c	CCV %D	26.5	20	%
4401848582	RIDB-29-1.0-20170519	5/19/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3.7	JB	0.15	5.3	pg/g	J	sp	< PQL			
4401848582	RIDB-29-1.0-20170519	5/19/2017	8290	41903-57-5	TCDD (total)	30	q	0.10	1.1	pg/g	J	k	EMPC			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.13	Jq	0.12	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.70	JqB	0.19	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	41903-57-5	TCDD (total)	3.8	q	0.12	1.1	pg/g	J	k	EMPC			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.3	JB	0.071	5.6	pg/g	J	sp	< PQL			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.68	JB	0.083	5.6	pg/g	J	sp	< PQL			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	4.0	JB	1.0	5.6	pg/g	J	sp	< PQL			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	7.6	JB	0.064	11	pg/g	J	sp	< PQL			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1.8	JqB	1.0	5.6	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.4	JB	0.080	5.6	pg/g	J	sp	< PQL			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	36088-22-9	PeCDD (total)	5.7	qB	0.19	5.6	pg/g	J	k	EMPC			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	55684-94-1	HxCDF (total)	100	qB	1.0	5.6	pg/g	J	k	EMPC			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.5	JB	0.11	5.6	pg/g	J	sp	< PQL			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	30402-14-3	Tetrachlorodibenzofuran	46	qB	0.27	1.1	pg/g	J	k	EMPC			
4401848582	RIDB-29-10.0-20170519	5/19/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	5.3	JB	0.59	5.6	pg/g	J	sp	< PQL			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	34465-46-8	HxCDD (total)	1.9	JqB	0.073	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	36088-22-9	PeCDD (total)	0.54	JqB	0.15	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	37871-00-4	HpCDD (total)	1.7	JB	0.090	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.422	2.11	pg/g
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.92	JB	0.078	1.1	pg/g	J	sp	< PQL			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	30402-14-3	Tetrachlorodibenzofuran	7.0	qB	0.11	1.1	pg/g	J	k	EMPC			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.8	JB	0.18	5.4	pg/g	J	sp	< PQL			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.1	JB	0.090	5.4	pg/g	J	sp	< PQL			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	30402-15-4	PeCDF (total)	10	qB	0.18	5.4	pg/g	J	k	EMPC			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.99	JqB	0.18	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.83	JB	0.43	5.4	pg/g	J	sp	< PQL			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.33	JqB	0.074	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0863	0.4315	pg/g
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.1	JB	0.41	5.4	pg/g	J	sp	< PQL			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.7	JB	0.20	5.4	pg/g	J	sp	< PQL			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.22	JqB	0.078	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0851	0.4255	pg/g
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	41903-57-5	TCDD (total)	0.25	Jq	0.10	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.37	JB	0.066	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0887	0.4435	pg/g
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	4.7	JB	0.44	5.4	pg/g	J	sp	< PQL			
4401848582	RIDB-29-5.0-20170519	5/19/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	2.4	JB	0.064	11	pg/g	J	bl,sp	MB contamination; < PQL	0.559	2.795	pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.51	JB	0.031	11	pg/g	J	bl,sp	MB contamination; < PQL	0.559	2.795	pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	37871-00-4	HpCDD (total)	0.29	JqB	0.058	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.422	2.11	pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.10	JqB	0.041	1.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0399	0.1995	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.19	JB	0.058	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.204	1.02 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	55684-94-1	HxCDF (total)	0.13	JqB	0.093	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.396	1.98 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	30402-15-4	PeCDF (total)	0.46	JqB	0.045	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.219	1.095 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.15	JqB	0.045	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0863	0.4315 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.13	JqB	0.097	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.131	0.655 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.11	JqB	0.074	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0987	0.4935 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	36088-22-9	PeCDD (total)	0.11	JqB	0.074	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0987	0.4935 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.16	JB	0.046	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.103	0.515 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.50	JB	0.043	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.161	0.805 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.19	JB	0.045	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.116	0.58 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	39001-02-0	Octachlorodibenzofuran	1.3	JB	0.093	11	pg/g	J	bl,sp	MB contamination; < PQL	0.300	1.5 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	38998-75-3	HpCDF (total)	0.86	JqB	0.048	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.284	1.42 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.21	JqB	0.053	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.123	0.615 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.21	JB	0.040	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0887	0.4435 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.10	JqB	0.041	1.1	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0399	0.1995 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.067	JB	0.047	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0851	0.4255 pg/g
4401849502	RIDB-29-20.0-20170522	5/22/2017	8290	34465-46-8	HxCDD (total)	0.53	JqB	0.044	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.260	1.3 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	55684-94-1	HxCDF (total)	0.68	JqB	0.074	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.396	1.98 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	34465-46-8	HxCDD (total)	0.45	JqB	0.048	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.260	1.3 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	37871-00-4	HpCDD (total)	0.98	JqB	0.070	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.422	2.11 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.37	JB	0.038	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.161	0.805 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	30402-15-4	PeCDF (total)	0.25	JqB	0.050	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.219	1.095 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.19	JB	0.076	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.131	0.655 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.12	JB	0.073	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0728	0.364 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.22	JB	0.075	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.122	0.61 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.069	JB	0.051	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0851	0.4255 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.12	JB	0.050	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.103	0.515 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.16	JqB	0.049	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0863	0.4315 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.61	JqB	0.039	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.559	2.795 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.14	JqB	0.070	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0863	0.4315 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.13	JqB	0.049	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.116	0.58 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	39001-02-0	Octachlorodibenzofuran	0.70	JqB	0.097	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.300	1.5 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	38998-75-3	HpCDF (total)	0.57	JqB	0.042	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.284	1.42 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.36	JqB	0.070	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.204	1.02 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.21	JqB	0.043	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0887	0.4435 pg/g
4401849502	RIDB-29-30.0-20170522	5/22/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.17	JB	0.047	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.123	0.615 pg/g
4401854762	RI-23-20.0-20170530	5/30/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	2.8	JB	0.082	6.4	pg/g	J	sp	< PQL		
4401854762	RI-23-20.0-20170530	5/30/2017	8290	38998-75-3	HpCDF (total)	4.9	JB	0.091	6.4	pg/g	J	sp	< PQL		
4401854762	RI-23-20.0-20170530	5/30/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.69	J	0.056	1.3	pg/g	J	sp	< PQL		
4401854762	RI-23-20.0-20170530	5/30/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.28	JqB	0.062	6.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.101	0.505 pg/g
4401854762	RI-23-20.0-20170530	5/30/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.43	J	0.21	6.4	pg/g	J	sp	< PQL		
4401854762	RI-23-20.0-20170530	5/30/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.2	J	0.21	6.4	pg/g	J	sp	< PQL		
4401854762	RI-23-20.0-20170530	5/30/2017	8290	39001-02-0	Octachlorodibenzofuran	8.0	J	0.15	13	pg/g	J	sp	< PQL		
4401854762	RI-23-20.0-20170530	5/30/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.2	JB	0.10	6.4	pg/g	J	sp	< PQL		
4401854762	RI-23-20.0-20170530	5/30/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.95	JB	0.11	6.4	pg/g	J	sp	< PQL		
4401854762	RI-23-20.0-20170530	5/30/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	2.2	JB	0.065	13	pg/g	J	bl,sp	MB contamination; < PQL	1.08	5.4 pg/g
4401854762	RI-23-20.0-20170530	5/30/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.35	JB	0.055	6.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0896	0.448 pg/g
4401854762	RI-23-20.0-20170530	5/30/2017	8290	30402-14-3	Tetrachlorodibenzofuran	3.2	q	0.056	1.3	pg/g	J	k	EMPC		
4401854762	RI-23-20.0-20170530	5/30/2017	8290	41903-57-5	TCDD (total)	0.089	Jq	0.068	1.3	pg/g	J	k,sp	EMPC; < PQL		
4401854762	RI-23-20.0-20170530	5/30/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.67	JB	0.074	6.4	pg/g	J	bl,sp	MB contamination; < PQL	0.257	1.285 pg/g
4401854762	RI-23-20.0-20170530	5/30/2017	8290	30402-15-4	PeCDF (total)	3.4	JqB	0.11	6.4	pg/g	J	k,sp	EMPC; < PQL		
4401854762	RI-23-20.0-20170530	5/30/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.5	J	0.22	6.4	pg/g	J	sp	< PQL		
4401854762	RI-23-20.0-20170530	5/30/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.60	JB	0.22	6.4	pg/g	J	bl,sp	MB contamination; < PQL	0.130	0.65 pg/g
4401854762	RI-23-20.0-20170530	5/30/2017	8290	34465-46-8	HxCDD (total)	0.77	JqB	0.061	6.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.276	1.38 pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401854762	RI-23-20.0-20170530	5/30/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.44	J	0.11	6.4	pg/g	J	sp	< PQL			
4401854762	RI-23-20.0-20170530	5/30/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.14	JB	0.065	6.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0858	0.429	pg/g
4401854762	RI-23-20.0-20170530	5/30/2017	8290	37871-00-4	HpCDD (total)	1.2	JB	0.074	6.4	pg/g	J	bl,sp	MB contamination; < PQL	0.469	2.345	pg/g
4401854762	RI-23-20.0-20170530	5/30/2017	8290	55684-94-1	HxCDF (total)	6.1	JqB	0.22	6.4	pg/g	J	k,sp	EMPC; < PQL			
4401854762	RI-23-30.0-20170530	5/30/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.24	JqB	0.047	7.9	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.101	0.505	pg/g
4401854762	RI-23-30.0-20170530	5/30/2017	8290	37871-00-4	HpCDD (total)	0.51	JqB	0.046	7.9	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.469	2.345	pg/g
4401854762	RI-23-30.0-20170530	5/30/2017	8290	34465-46-8	HxCDD (total)	0.65	JqB	0.045	7.9	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.276	1.38	pg/g
4401854762	RI-23-30.0-20170530	5/30/2017	8290	36088-22-9	PeCDD (total)	0.19	Jq	0.094	7.9	pg/g	J	k,sp	EMPC; < PQL			
4401854762	RI-23-30.0-20170530	5/30/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.40	JqB	0.031	7.9	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.157	0.785	pg/g
4401854762	RI-23-30.0-20170530	5/30/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.28	JqB	0.038	7.9	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.116	0.58	pg/g
4401854762	RI-23-30.0-20170530	5/30/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.19	Jq	0.086	7.9	pg/g	J	k,sp	EMPC; < PQL			
4401854762	RI-23-30.0-20170530	5/30/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.1	JB	0.072	16	pg/g	J	bl,sp	MB contamination; < PQL	1.08	5.4	pg/g
4401854762	RI-23-30.0-20170530	5/30/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.27	J	0.083	7.9	pg/g	J	sp	< PQL			
4401854762	RI-23-30.0-20170530	5/30/2017	8290	55684-94-1	HxCDF (total)	1.0	JqB	0.087	7.9	pg/g	J	k,sp	EMPC; < PQL			
4401854762	RI-23-30.0-20170530	5/30/2017	8290	39001-02-0	Octachlorodibenzofuran	1.1	J	0.11	16	pg/g	J	sp	< PQL			
4401854762	RI-23-30.0-20170530	5/30/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.17	JB	0.049	7.9	pg/g	J	bl,sp	MB contamination; < PQL	0.0858	0.429	pg/g
4401854762	RI-23-30.0-20170530	5/30/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.24	JB	0.041	7.9	pg/g	J	bl,sp	MB contamination; < PQL	0.0896	0.448	pg/g
4401854762	RI-23-30.0-20170530	5/30/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.22	JqB	0.050	7.9	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0771	0.3855	pg/g
4401854762	RI-23-30.0-20170530	5/30/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.33	JB	0.046	7.9	pg/g	J	bl,sp	MB contamination; < PQL	0.257	1.285	pg/g
4401854762	RI-23-30.0-20170530	5/30/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.28	JB	0.090	7.9	pg/g	J	bl,sp	MB contamination; < PQL	0.130	0.65	pg/g
4401854762	RI-23-30.0-20170530	5/30/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.26	J	0.088	7.9	pg/g	J	sp	< PQL			
4401854762	RI-23-30.0-20170530	5/30/2017	8290	30402-15-4	PeCDF (total)	0.32	JqB	0.050	7.9	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0771	0.3855	pg/g
4401854762	RI-23-30.0-20170530	5/30/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.19	Jq	0.094	7.9	pg/g	J	k,sp	EMPC; < PQL			
4401854762	RI-23-30.0-20170530	5/30/2017	8290	38998-75-3	HpCDF (total)	0.81	JqB	0.035	7.9	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.273	1.365	pg/g
4401854762	RI-23-40.0-20170530	5/30/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.19	J	0.11	7.5	pg/g	J	sp	< PQL			
4401854762	RI-23-40.0-20170530	5/30/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.48	JB	0.075	7.5	pg/g	J	bl,sp	MB contamination; < PQL	0.101	0.505	pg/g
4401854762	RI-23-40.0-20170530	5/30/2017	8290	34465-46-8	HxCDD (total)	1.0	JB	0.073	7.5	pg/g	J	bl,sp	MB contamination; < PQL	0.276	1.38	pg/g
4401854762	RI-23-40.0-20170530	5/30/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.73	JB	0.085	7.5	pg/g	J	sp	< PQL			
4401854762	RI-23-40.0-20170530	5/30/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.13	Jq	0.083	7.5	pg/g	J	k,sp	EMPC; < PQL			
4401854762	RI-23-40.0-20170530	5/30/2017	8290	30402-15-4	PeCDF (total)	0.43	JqB	0.057	7.5	pg/g	J	k,sp	EMPC; < PQL			
4401854762	RI-23-40.0-20170530	5/30/2017	8290	55684-94-1	HxCDF (total)	1.3	JqB	0.082	7.5	pg/g	J	k,sp	EMPC; < PQL			
4401854762	RI-23-40.0-20170530	5/30/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.32	JB	0.074	7.5	pg/g	J	bl,i,sp	MB contamination; IS %R; < PQL	0.257; 39	1.285; 40-135	pg/g; %
4401854762	RI-23-40.0-20170530	5/30/2017	8290	41903-57-5	TCDD (total)	0.19	Jq	0.059	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401854762	RI-23-40.0-20170530	5/30/2017	8290	38998-75-3	HpCDF (total)	0.30	JqB	0.068	7.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.273	1.365	pg/g
4401854762	RI-23-40.0-20170530	5/30/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.40	JB	0.066	7.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0896	0.448	pg/g
4401854762	RI-23-40.0-20170530	5/30/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.14	JB	0.078	7.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0858	0.429	pg/g
4401854762	RI-23-40.0-20170530	5/30/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.26	J	0.078	7.5	pg/g	J	sp	< PQL			
4401854762	RI-23-40.0-20170530	5/30/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.21	JqB	0.056	7.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0771	0.3855	pg/g
4401854762	RI-23-40.0-20170530	5/30/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.19	J	0.081	7.5	pg/g	J	sp	< PQL			
4401854762	RI-23-40.0-20170530	5/30/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.1	JqB	0.13	15	pg/g	J	bl,i,k,sp	MB contamination; IS %R; EMPC; < PQL	1.08; 28	5.4; 40-135	pg/g; %
4401854762	RI-23-40.0-20170530	5/30/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.19	Jq	0.059	1.5	pg/g	J	k,sp	EMPC; < PQL			
4401854762	RI-23-40.0-20170530	5/30/2017	8290	39001-02-0	Octachlorodibenzofuran	0.79	Jq	0.20	15	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	28	40-135	%
4401854762	RI-23-40.0-20170530	5/30/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.22	J	0.057	7.5	pg/g	J	sp	< PQL			
4401854762	RI-23-40.0-20170530	5/30/2017	8290	36088-22-9	PeCDD (total)	0.19	J	0.11	7.5	pg/g	J	sp	< PQL			
4401854762	RI-23-40.0-20170530	5/30/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.30	JqB	0.061	7.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.157	0.785	pg/g
4401854762	RI-23-40.0-20170530	5/30/2017	8290	37871-00-4	HpCDD (total)	0.63	JB	0.074	7.5	pg/g	J	bl,i,sp	MB contamination; IS %R; < PQL	0.469; 39	2.345; 40-135	pg/g; %
4401863512	RI-17-10.0-20170612	6/12/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.54	JB	0.067	5.5	pg/g	J	sp	< PQL			
4401863512	RI-17-10.0-20170612	6/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	6.1	JB	0.059	11	pg/g	J	sp	< PQL			
4401863512	RI-17-10.0-20170612	6/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.2	JB	0.064	5.5	pg/g	J	sp	< PQL			
4401863512	RI-17-10.0-20170612	6/12/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.5	J	1.0	5.5	pg/g	J	sp	< PQL			
4401863512	RI-17-10.0-20170612	6/12/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.30	Jq	0.045	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401863512	RI-17-10.0-20170612	6/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.3	JB	0.057	5.5	pg/g	J	sp	< PQL			
4401863512	RI-17-10.0-20170612	6/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.2	JB	0.083	5.5	pg/g	J	sp	< PQL			
4401863512	RI-17-10.0-20170612	6/12/2017	8290	55684-94-1	HxCDF (total)	100	qB	1.0	5.5	pg/g	J	k	EMPC			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401863512	RI-17-10.0-20170612	6/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	56	q	0.30	1.1	pg/g	J	k	EMPC			
4401863512	RI-17-10.0-20170612	6/12/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.1	JB	1.0	5.5	pg/g	J	sp	< PQL			
4401863512	RI-17-10.0-20170612	6/12/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.72	Jq	0.11	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401863512	RI-17-10.0-20170612	6/12/2017	8290	36088-22-9	PeCDD (total)	5.5	q	0.11	5.5	pg/g	J	k	EMPC			
4401863512	RI-17-10.0-20170612	6/12/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	4.7	J	0.48	5.5	pg/g	J	sp	< PQL			
4401863512	RI-17-10.0-20170612	6/12/2017	8290	41903-57-5	TCDD (total)	4.7	q	0.045	1.1	pg/g	J	k	EMPC			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.6	JB	0.073	5.3	pg/g	J	sp	< PQL			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	36088-22-9	PeCDD (total)	0.32	Jq	0.060	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.97	J	0.041	1.1	pg/g	J	sp	< PQL			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	34465-46-8	HxCDD (total)	0.93	JqB	0.037	5.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.276	1.38	pg/g
4401863512	RI-17-20.0-20170612	6/12/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1.2	Jq	0.15	5.3	pg/g	J	k,sp	EMPC; < PQL			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.84	JB	0.068	5.3	pg/g	J	sp	< PQL			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.6	JB	0.089	5.3	pg/g	J	sp	< PQL			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	39001-02-0	Octachlorodibenzofuran	9.5	J	0.11	11	pg/g	J	sp	< PQL			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.37	J	0.16	5.3	pg/g	J	sp	< PQL			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	37871-00-4	HpCDD (total)	1.0	JB	0.049	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.469	2.345	pg/g
4401863512	RI-17-20.0-20170612	6/12/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.099	JB	0.039	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0858	0.429	pg/g
4401863512	RI-17-20.0-20170612	6/12/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.45	J	0.069	5.3	pg/g	J	sp	< PQL			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	2.4	JB	0.051	11	pg/g	J	bl,sp	MB contamination; < PQL	1.08	5.4	pg/g
4401863512	RI-17-20.0-20170612	6/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.27	JB	0.033	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.0896	0.448	pg/g
4401863512	RI-17-20.0-20170612	6/12/2017	8290	55684-94-1	HxCDF (total)	6.2	qB	0.16	5.3	pg/g	J	k	EMPC			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.62	JB	0.049	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.257	1.285	pg/g
4401863512	RI-17-20.0-20170612	6/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	4.4	q	0.041	1.1	pg/g	J	k	EMPC			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.6	J	0.16	5.3	pg/g	J	sp	< PQL			
4401863512	RI-17-20.0-20170612	6/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.28	JB	0.038	5.3	pg/g	J	bl,sp	MB contamination; < PQL	0.101	0.505	pg/g
4401863512	RI-17-20.0-20170612	6/12/2017	8290	41903-57-5	TCDD (total)	0.17	Jq	0.033	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401863512	RI-17-30.0-20170612	6/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.13	JB	0.040	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.101	0.505	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	37871-00-4	HpCDD (total)	0.47	JB	0.047	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.469	2.345	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	34465-46-8	HxCDD (total)	0.42	JqB	0.039	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.276	1.38	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.18	JqB	0.066	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.130	0.65	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.15	Jq	0.065	6.6	pg/g	J	k,sp	EMPC; < PQL			
4401863512	RI-17-30.0-20170612	6/12/2017	8290	30402-15-4	PeCDF (total)	0.36	JqB	0.031	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0771	0.3855	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	55684-94-1	HxCDF (total)	0.70	JqB	0.064	6.6	pg/g	J	k,sp	EMPC; < PQL			
4401863512	RI-17-30.0-20170612	6/12/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.25	JB	0.047	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.257	1.285	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.12	Jq	0.026	1.3	pg/g	J	k,sp	EMPC; < PQL			
4401863512	RI-17-30.0-20170612	6/12/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.11	JqB	0.041	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0858	0.429	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	38998-75-3	HpCDF (total)	0.59	JqB	0.050	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.273	1.365	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.18	J	0.064	6.6	pg/g	J	sp	< PQL			
4401863512	RI-17-30.0-20170612	6/12/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.086	Jq	0.026	1.3	pg/g	J	k,sp	EMPC; < PQL			
4401863512	RI-17-30.0-20170612	6/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.81	JB	0.060	13	pg/g	J	bl,sp	MB contamination; < PQL	1.08	5.4	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.15	JqB	0.031	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0771	0.3855	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.18	JqB	0.055	6.6	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.116	0.58	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.33	JB	0.045	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.157	0.785	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	39001-02-0	Octachlorodibenzofuran	0.54	Jq	0.090	13	pg/g	J	k,sp	EMPC; < PQL			
4401863512	RI-17-30.0-20170612	6/12/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.15	J	0.032	6.6	pg/g	J	sp	< PQL			
4401863512	RI-17-30.0-20170612	6/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.17	JB	0.035	6.6	pg/g	J	bl,sp	MB contamination; < PQL	0.0896	0.448	pg/g
4401863512	RI-17-30.0-20170612	6/12/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.20	J	0.061	6.6	pg/g	J	sp	< PQL			
4401863512	RI-17-5.0-20170612	6/12/2017	8290	41903-57-5	TCDD (total)	9.1	q	0.075	1.1	pg/g	J	k	EMPC			
4401863512	RI-17-5.0-20170612	6/12/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	2.2	JB	0.092	5.4	pg/g	J	sp	< PQL			
4401863512	RI-17-5.0-20170612	6/12/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.5	J	0.26	5.4	pg/g	J	sp	< PQL			
4401863512	RI-17-5.0-20170612	6/12/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.47	Jq	0.075	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401863512	RI-17-5.0-20170612	6/12/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.1	JB	0.082	5.4	pg/g	J	sp	< PQL			
4401863512	RI-17-5.0-20170612	6/12/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.94	JB	0.097	5.4	pg/g	J	sp	< PQL			
4401863512	RI-17-5.0-20170612	6/12/2017	8290	30402-14-3	Tetrachlorodibenzofuran	120	q	0.68	1.1	pg/g	J	k	EMPC			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401863512	RI-17-5.0-20170612	6/12/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	3.7	JB	1.5	5.4	pg/g	J	sp	< PQL			
4401863512	RI-17-5.0-20170612	6/12/2017	8290	30402-15-4	PeCDF (total)	160	qB	1.1	5.4	pg/g	J	k	EMPC			
4401863512	RI-17-5.0-20170612	6/12/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	8.4	JB	0.086	11	pg/g	J	sp	< PQL			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	55684-94-1	HxCDF (total)	500	Bq	3.0	46	pg/g	J	k	EMPC			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	34	J	2.4	46	pg/g	J	sp	< PQL			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	36088-22-9	PeCDD (total)	27	Jq	0.74	46	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	34465-46-8	HxCDD (total)	41	JB	0.33	46	pg/g	J	sp	< PQL			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	6.2	JB	0.34	46	pg/g	J	sp	< PQL			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	4.5	J	0.74	46	pg/g	J	sp	< PQL			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	8.7	JB	3.1	46	pg/g	J	sp	< PQL			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	30402-14-3	Tetrachlorodibenzofuran	310	q	1.3	9.1	pg/g	J	k	EMPC			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	41903-57-5	TCDD (total)	13	q	0.38	9.1	pg/g	J	k	EMPC			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	6.5	JB	0.30	46	pg/g	J	sp	< PQL			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	16	J	2.9	46	pg/g	J	sp	< PQL			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	3.3	JB	0.35	46	pg/g	J	sp	< PQL			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1.9	Jq	0.38	9.1	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-1.0-20170614	6/14/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	39	JB	0.59	46	pg/g	J	sp	< PQL			
4401865172	RI-28-10.0-20170614	6/14/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1.5	JB	0.11	5.5	pg/g	J	sp	< PQL			
4401865172	RI-28-10.0-20170614	6/14/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.73	Jq	0.077	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-10.0-20170614	6/14/2017	8290	41903-57-5	TCDD (total)	10	q	0.077	1.1	pg/g	J	k	EMPC			
4401865172	RI-28-10.0-20170614	6/14/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.8	JB	0.092	5.5	pg/g	J	sp	< PQL			
4401865172	RI-28-10.0-20170614	6/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	4.4	JB	2.1	5.5	pg/g	J	sp	< PQL			
4401865172	RI-28-10.0-20170614	6/14/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	1.9	J	0.19	5.5	pg/g	J	sp	< PQL			
4401865172	RI-28-10.0-20170614	6/14/2017	8290	36088-22-9	PeCDD (total)	13	q	0.19	5.5	pg/g	J	k	EMPC			
4401865172	RI-28-10.0-20170614	6/14/2017	8290	34465-46-8	HxCDD (total)	19	Bq	0.10	5.5	pg/g	J	k	EMPC			
4401865172	RI-28-10.0-20170614	6/14/2017	8290	30402-14-3	Tetrachlorodibenzofuran	100	q	0.55	1.1	pg/g	J	k	EMPC			
4401865172	RI-28-10.0-20170614	6/14/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	3.0	JB	0.10	5.5	pg/g	J	sp	< PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.085	J	0.019	1.1	pg/g	J	sp	< PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	38998-75-3	HpCDF (total)	0.56	JBq	0.038	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.273	1.365	pg/g
4401865172	RI-28-20.0-20170614	6/14/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	2.2	JB	0.036	5.4	pg/g	J	sp	< PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	41903-57-5	TCDD (total)	0.070	Jq	0.028	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.16	Jq	0.057	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.17	JB	0.030	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0771	0.3855	pg/g
4401865172	RI-28-20.0-20170614	6/14/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.15	JBq	0.042	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.116	0.58	pg/g
4401865172	RI-28-20.0-20170614	6/14/2017	8290	39001-02-0	Octachlorodibenzofuran	1.7	J	0.041	11	pg/g	J	sp	< PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.1	JB	0.041	5.4	pg/g	J	sp	< PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.5	JB	0.030	11	pg/g	J	bl,sp	MB contamination; < PQL	1.08	5.4	pg/g
4401865172	RI-28-20.0-20170614	6/14/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.070	Jq	0.028	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	55684-94-1	HxCDF (total)	0.89	JBq	0.060	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.17	J	0.059	5.4	pg/g	J	sp	< PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.30	JB	0.035	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.157	0.785	pg/g
4401865172	RI-28-20.0-20170614	6/14/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.29	JB	0.022	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.257	1.285	pg/g
4401865172	RI-28-20.0-20170614	6/14/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.14	Jq	0.030	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	37871-00-4	HpCDD (total)	0.45	JBq	0.022	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.469	2.345	pg/g
4401865172	RI-28-20.0-20170614	6/14/2017	8290	36088-22-9	PeCDD (total)	0.50	Jq	0.044	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.38	JB	0.062	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.130	0.65	pg/g
4401865172	RI-28-20.0-20170614	6/14/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.18	Jq	0.061	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	30402-15-4	PeCDF (total)	0.31	JBq	0.030	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0771	0.3855	pg/g
4401865172	RI-28-20.0-20170614	6/14/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.38	J	0.019	1.1	pg/g	J	sp	< PQL			
4401865172	RI-28-20.0-20170614	6/14/2017	8290	34465-46-8	HxCDD (total)	3.3	JB	0.040	5.4	pg/g	J	sp	< PQL			
4401865172	RI-28-30.0-20170614	6/14/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.10	J	0.022	1.2	pg/g	J	sp	< PQL			
4401865172	RI-28-30.0-20170614	6/14/2017	8290	38998-75-3	HpCDF (total)	0.92	JB	0.049	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.273	1.365	pg/g
4401865172	RI-28-30.0-20170614	6/14/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.11	JB	0.032	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.0858	0.429	pg/g
4401865172	RI-28-30.0-20170614	6/14/2017	8290	39001-02-0	Octachlorodibenzofuran	4.2	J	0.062	12	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401865172	RI-28-30.0-20170614	6/14/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.27	JB	0.054	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.116	0.58	pg/g
4401865172	RI-28-30.0-20170614	6/14/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.20	JBq	0.044	6.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0771	0.3855	pg/g
4401865172	RI-28-30.0-20170614	6/14/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.19	JBq	0.031	6.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.101	0.505	pg/g
4401865172	RI-28-30.0-20170614	6/14/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.93	JB	0.036	12	pg/g	J	bl,sp	MB contamination; < PQL	1.08	5.4	pg/g
4401865172	RI-28-30.0-20170614	6/14/2017	8290	55684-94-1	HxCDF (total)	0.77	JB	0.066	6.0	pg/g	J	sp	< PQL			
4401865172	RI-28-30.0-20170614	6/14/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.22	JB	0.031	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.257	1.285	pg/g
4401865172	RI-28-30.0-20170614	6/14/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.23	J	0.063	6.0	pg/g	J	sp	< PQL			
4401865172	RI-28-30.0-20170614	6/14/2017	8290	36088-22-9	PeCDD (total)	0.14	Jq	0.042	6.0	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-30.0-20170614	6/14/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.34	JBq	0.027	6.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0896	0.448	pg/g
4401865172	RI-28-30.0-20170614	6/14/2017	8290	34465-46-8	HxCDD (total)	0.65	JBq	0.030	6.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.276	1.38	pg/g
4401865172	RI-28-30.0-20170614	6/14/2017	8290	37871-00-4	HpCDD (total)	0.41	JBq	0.031	6.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.469	2.345	pg/g
4401865172	RI-28-30.0-20170614	6/14/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.15	Jq	0.045	6.0	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-30.0-20170614	6/14/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.50	JB	0.045	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.157	0.785	pg/g
4401865172	RI-28-30.0-20170614	6/14/2017	8290	30402-15-4	PeCDF (total)	0.47	JBq	0.044	6.0	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-30.0-20170614	6/14/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.26	J	0.067	6.0	pg/g	J	sp	< PQL			
4401865172	RI-28-30.0-20170614	6/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.28	JB	0.069	6.0	pg/g	J	bl,sp	MB contamination; < PQL	0.130	0.65	pg/g
4401865172	RI-28-30.0-20170614	6/14/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.24	Jq	0.022	1.2	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-30.0-20170614	6/14/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.14	Jq	0.042	6.0	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-40.0-20170614	6/14/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.27	JBq	0.045	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.157	0.785	pg/g
4401865172	RI-28-40.0-20170614	6/14/2017	8290	55684-94-1	HxCDF (total)	0.74	JBq	0.065	7.7	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-40.0-20170614	6/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.28	JB	0.067	7.7	pg/g	J	bl,sp	MB contamination; < PQL	0.130	0.65	pg/g
4401865172	RI-28-40.0-20170614	6/14/2017	8290	30402-15-4	PeCDF (total)	0.47	JBq	0.042	7.7	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-40.0-20170614	6/14/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.18	J	0.067	7.7	pg/g	J	sp	< PQL			
4401865172	RI-28-40.0-20170614	6/14/2017	8290	34465-46-8	HxCDD (total)	0.60	JBq	0.046	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.276	1.38	pg/g
4401865172	RI-28-40.0-20170614	6/14/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.20	J	0.042	7.7	pg/g	J	sp	< PQL			
4401865172	RI-28-40.0-20170614	6/14/2017	8290	37871-00-4	HpCDD (total)	0.61	JBq	0.053	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.469	2.345	pg/g
4401865172	RI-28-40.0-20170614	6/14/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.35	JBq	0.053	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.257	1.285	pg/g
4401865172	RI-28-40.0-20170614	6/14/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.20	JB	0.048	7.7	pg/g	J	bl,sp	MB contamination; < PQL	0.101	0.505	pg/g
4401865172	RI-28-40.0-20170614	6/14/2017	8290	36088-22-9	PeCDD (total)	0.18	J	0.067	7.7	pg/g	J	sp	< PQL			
4401865172	RI-28-40.0-20170614	6/14/2017	8290	39001-02-0	Octachlorodibenzofuran	0.99	J	0.062	15	pg/g	J	sp	< PQL			
4401865172	RI-28-40.0-20170614	6/14/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	2.1	JB	0.059	15	pg/g	J	bl,sp	MB contamination; < PQL	1.08	5.4	pg/g
4401865172	RI-28-40.0-20170614	6/14/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.16	J	0.031	1.5	pg/g	J	sp	< PQL			
4401865172	RI-28-40.0-20170614	6/14/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.077	J	0.031	1.5	pg/g	J	sp	< PQL			
4401865172	RI-28-40.0-20170614	6/14/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.22	JB	0.055	7.7	pg/g	J	bl,sp	MB contamination; < PQL	0.116	0.58	pg/g
4401865172	RI-28-40.0-20170614	6/14/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.19	JBq	0.042	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0771	0.3855	pg/g
4401865172	RI-28-40.0-20170614	6/14/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.25	J	0.062	7.7	pg/g	J	sp	< PQL			
4401865172	RI-28-40.0-20170614	6/14/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.13	JB	0.050	7.7	pg/g	J	bl,sp	MB contamination; < PQL	0.0858	0.429	pg/g
4401865172	RI-28-40.0-20170614	6/14/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.26	JBq	0.042	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0896	0.448	pg/g
4401865172	RI-28-40.0-20170614	6/14/2017	8290	38998-75-3	HpCDF (total)	0.49	JBq	0.050	7.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.273	1.365	pg/g
4401865172	RI-28-40.0-20170614	6/14/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.21	Jq	0.065	7.7	pg/g	J	k,sp	EMPC; < PQL			
4401865172	RI-28-5.0-20170614	6/14/2017	8290	36088-22-9	PeCDD (total)	6.1	q	0.14	5.3	pg/g	J	k	EMPC			
4401865172	RI-28-5.0-20170614	6/14/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.5	JB	0.044	5.3	pg/g	J	sp	< PQL			
4401865172	RI-28-5.0-20170614	6/14/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.6	J	0.79	5.3	pg/g	J	sp	< PQL			
4401865172	RI-28-5.0-20170614	6/14/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.3	JB	0.050	5.3	pg/g	J	sp	< PQL			
4401865172	RI-28-5.0-20170614	6/14/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.67	JB	0.052	5.3	pg/g	J	sp	< PQL			
4401865172	RI-28-5.0-20170614	6/14/2017	8290	41903-57-5	TCDD (total)	3.1	q	0.053	1.1	pg/g	J	k	EMPC			
4401865172	RI-28-5.0-20170614	6/14/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	4.6	JB	0.065	5.3	pg/g	J	sp	< PQL			
4401865172	RI-28-5.0-20170614	6/14/2017	8290	30402-14-3	Tetrachlorodibenzofuran	25	q	0.10	1.1	pg/g	J	k	EMPC			
4401865172	RI-28-5.0-20170614	6/14/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.2	JB	0.82	5.3	pg/g	J	sp	< PQL			
4401865172	RI-28-5.0-20170614	6/14/2017	8290	30402-15-4	PeCDF (total)	77	Bq	0.60	5.3	pg/g	J	k	EMPC			
4401865172	RI-28-5.0-20170614	6/14/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	4.6	J	0.61	5.3	pg/g	J	sp	< PQL			
4401865172	RI-28-5.0-20170614	6/14/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.80	J	0.14	5.3	pg/g	J	sp	< PQL			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	3.0	J	0.29	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	37871-00-4	HpCDD (total)	2.8	JBq	0.073	5.4	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401866342	RI-11-10.0-20170615	6/15/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	4.2	J	0.31	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	30402-15-4	PeCDF (total)	13	Bq	0.14	5.4	pg/g	J	k	EMPC			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	55684-94-1	HxCDF (total)	18	Bq	0.30	5.4	pg/g	J	k	EMPC			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.7	JB	0.073	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	30402-14-3	Tetrachlorodibenzofuran	10	q	0.072	1.1	pg/g	J	k	EMPC			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	3.7	JB	0.14	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.34	JBq	0.31	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.130	0.65	pg/g
4401866342	RI-11-10.0-20170615	6/15/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.9	JB	0.14	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.42	JB	0.044	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.101	0.505	pg/g
4401866342	RI-11-10.0-20170615	6/15/2017	8290	36088-22-9	PeCDD (total)	0.87	Jq	0.064	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.18	JBq	0.046	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0858	0.429	pg/g
4401866342	RI-11-10.0-20170615	6/15/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.90	J	0.30	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.47	JB	0.039	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	41903-57-5	TCDD (total)	0.77	Jq	0.033	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	34465-46-8	HxCDD (total)	2.1	JBq	0.043	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401866342	RI-11-10.0-20170615	6/15/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.0	J	0.15	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.33	JB	0.078	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.0858	0.429	pg/g
4401866342	RI-11-20.0-20170615	6/15/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.8	J	0.19	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.35	J	0.12	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	37871-00-4	HpCDD (total)	5.1	JB	0.11	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	36088-22-9	PeCDD (total)	1.8	Jq	0.12	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	41903-57-5	TCDD (total)	1.3	q	0.082	1.1	pg/g	J	k	EMPC			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	30402-15-4	PeCDF (total)	24	qB	0.18	5.4	pg/g	J	k	EMPC			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.64	JB	0.074	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.12	Jq	0.082	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.54	JqB	0.066	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	55684-94-1	HxCDF (total)	35	qB	0.39	5.4	pg/g	J	k	EMPC			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	30402-14-3	Tetrachlorodibenzofuran	19	q	0.16	1.1	pg/g	J	k	EMPC			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.76	JB	0.40	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.4	J	0.38	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	3.7	JB	0.18	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	34465-46-8	HxCDD (total)	3.5	JqB	0.073	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401866342	RI-11-20.0-20170615	6/15/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.0	JB	0.11	5.4	pg/g	J	sp	< PQL			
4401866342	RI-11-30.0-20170615	6/15/2017	8290	37871-00-4	HpCDD (total)	0.33	JqB	0.076	5.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.469	2.345	pg/g
4401866342	RI-11-30.0-20170615	6/15/2017	8290	39001-02-0	Octachlorodibenzofuran	1.3	Jq	0.16	11	pg/g	J	i,k,sp	IS %R; EMPC; < PQL	31	40-135	%
4401866342	RI-11-30.0-20170615	6/15/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.20	JB	0.068	5.7	pg/g	J	bl,sp	MB contamination; < PQL	0.116	0.58	pg/g
4401866342	RI-11-30.0-20170615	6/15/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.95	JqB	0.078	11	pg/g	J	bl,i,k,sp	MB contamination; IS %R; EMPC; < PQL	1.08; 31	5.4; 40-135	pg/g; %
4401866342	RI-11-30.0-20170615	6/15/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.16	JB	0.068	5.7	pg/g	J	bl,sp	MB contamination; < PQL	0.101	0.505	pg/g
4401866342	RI-11-30.0-20170615	6/15/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.10	JqB	0.060	5.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0896	0.448	pg/g
4401866342	RI-11-30.0-20170615	6/15/2017	8290	34465-46-8	HxCDD (total)	0.26	JqB	0.066	5.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.276	1.38	pg/g
4401866342	RI-11-30.0-20170615	6/15/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.16	J	0.056	5.7	pg/g	J	sp	< PQL			
4401866342	RI-11-30.0-20170615	6/15/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.52	JqB	0.056	5.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.157	0.785	pg/g
4401866342	RI-11-30.0-20170615	6/15/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.18	JqB	0.076	5.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.257	1.285	pg/g
4401866342	RI-11-30.0-20170615	6/15/2017	8290	30402-15-4	PeCDF (total)	0.16	JB	0.056	5.7	pg/g	J	bl,sp	MB contamination; < PQL	0.0771	0.3855	pg/g
4401866342	RI-11-30.0-20170615	6/15/2017	8290	38998-75-3	HpCDF (total)	0.72	JqB	0.062	5.7	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.273	1.365	pg/g
4401866342	RI-11-5.0-20170615	6/15/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.28	J	0.063	5.5	pg/g	J	sp	< PQL			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	5.2	J	0.24	5.5	pg/g	J	sp	< PQL			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.58	JB	0.25	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.130	0.65	pg/g
4401866342	RI-11-5.0-20170615	6/15/2017	8290	30402-15-4	PeCDF (total)	18	Bq	0.15	5.5	pg/g	J	k	EMPC			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	30402-14-3	Tetrachlorodibenzofuran	16	q	0.086	1.1	pg/g	J	k	EMPC			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.1	JB	0.051	5.5	pg/g	J	sp	< PQL			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	55684-94-1	HxCDF (total)	29	Bq	0.24	5.5	pg/g	J	k	EMPC			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	34465-46-8	HxCDD (total)	2.8	JBq	0.035	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	36088-22-9	PeCDD (total)	1.4	Jq	0.063	5.5	pg/g	J	k,sp	EMPC; < PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401866342	RI-11-5.0-20170615	6/15/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	4.3	J	0.23	5.5	pg/g	J	sp	< PQL			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	1.4	J	0.15	5.5	pg/g	J	sp	< PQL			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.60	JB	0.031	5.5	pg/g	J	sp	< PQL			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	41903-57-5	TCDD (total)	1.2	q	0.045	1.1	pg/g	J	k	EMPC			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.19	JBq	0.037	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0858	0.429	pg/g
4401866342	RI-11-5.0-20170615	6/15/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.53	JB	0.035	5.5	pg/g	J	sp	< PQL			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	1.2	J	0.24	5.5	pg/g	J	sp	< PQL			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	5.1	JB	0.16	5.5	pg/g	J	sp	< PQL			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	2.8	JB	0.15	5.5	pg/g	J	sp	< PQL			
4401866342	RI-11-5.0-20170615	6/15/2017	8290	37871-00-4	HpCDD (total)	3.5	JB	0.051	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	37871-00-4	HpCDD (total)	6.6	qB	0.16	5.4	pg/g	J	k	EMPC			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	3.4	JB	0.49	5.4	pg/g	J	sp	< PQL			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.79	Jq	0.21	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	36088-22-9	PeCDD (total)	4.9	Jq	0.21	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	2.2	JqB	0.53	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	30402-15-4	PeCDF (total)	71	qB	0.50	5.4	pg/g	J	k	EMPC			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	55684-94-1	HxCDF (total)	97	qB	0.49	5.4	pg/g	J	k	EMPC			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	30402-14-3	Tetrachlorodibenzofuran	46	q	0.23	1.1	pg/g	J	k	EMPC			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1.7	JB	0.18	5.4	pg/g	J	sp	< PQL			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	8.5	JB	0.15	11	pg/g	J	sp	< PQL			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.81	JB	0.19	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.234	1.17	pg/g
4401867202	RI-26-1.0-20170616	6/16/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	1.7	JB	0.17	5.4	pg/g	J	sp	< PQL			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.9	JqB	0.16	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-1.0-20170616	6/16/2017	8290	34465-46-8	HxCDD (total)	8.1	qB	0.18	5.4	pg/g	J	k	EMPC			
4401867202	RI-26-10.0-20170616	6/16/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.28	JB	0.10	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0950	0.475	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.37	J	0.033	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-10.0-20170616	6/16/2017	8290	30402-15-4	PeCDF (total)	0.36	JB	0.049	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.380	1.9	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.20	JB	0.11	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.158	0.79	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.28	JB	0.11	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.110	0.55	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.68	JB	0.037	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.215	1.075	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.20	JB	0.049	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.187	0.935	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	39001-02-0	Octachlorodibenzofuran	2.6	J	0.094	11	pg/g	J	sp	< PQL			
4401867202	RI-26-10.0-20170616	6/16/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.43	J	0.040	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-10.0-20170616	6/16/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.17	JqB	0.043	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.145	0.725	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.20	JB	0.10	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.203	1.015	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.16	JqB	0.045	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.234	1.17	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.27	JB	0.038	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.226	1.13	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	38998-75-3	HpCDF (total)	1.0	J	0.036	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-10.0-20170616	6/16/2017	8290	55684-94-1	HxCDF (total)	0.97	JB	0.11	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.567	2.835	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	34465-46-8	HxCDD (total)	0.60	JqB	0.042	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.605	3.025	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	36088-22-9	PeCDD (total)	0.17	J	0.087	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-10.0-20170616	6/16/2017	8290	37871-00-4	HpCDD (total)	1.1	JB	0.037	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-10.0-20170616	6/16/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.17	JB	0.050	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.194	0.97	pg/g
4401867202	RI-26-10.0-20170616	6/16/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	4.1	JB	0.043	11	pg/g	J	sp	< PQL			
4401867202	RI-26-10.0-20170616	6/16/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.17	J	0.087	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-20.0-20170616	6/16/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.14	JqB	0.098	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0950	0.475	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	38998-75-3	HpCDF (total)	0.68	J	0.044	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-20.0-20170616	6/16/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.9	JB	0.046	11	pg/g	J	bl,sp	MB contamination; < PQL	0.647	3.235	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.31	JB	0.042	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.145	0.725	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.21	JB	0.10	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.203	1.015	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	39001-02-0	Octachlorodibenzofuran	1.7	J	0.085	11	pg/g	J	sp	< PQL			
4401867202	RI-26-20.0-20170616	6/16/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.14	JqB	0.046	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.187	0.935	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.33	JqB	0.037	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.226	1.13	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.39	JB	0.044	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.215	1.075	pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401867202	RI-26-20.0-20170616	6/16/2017	8290	55684-94-1	HxCDF (total)	0.76	JqB	0.10	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.567	2.835	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	30402-15-4	PeCDF (total)	0.27	JqB	0.046	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.380	1.9	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.20	JB	0.10	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.158	0.79	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.21	JB	0.11	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.110	0.55	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	34465-46-8	HxCDD (total)	0.80	JqB	0.041	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.605	3.025	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	36088-22-9	PeCDD (total)	0.13	Jq	0.079	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-20.0-20170616	6/16/2017	8290	37871-00-4	HpCDD (total)	0.39	JB	0.044	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.215	1.075	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.13	JqB	0.046	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.194	0.97	pg/g
4401867202	RI-26-20.0-20170616	6/16/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.36	J	0.040	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-20.0-20170616	6/16/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.13	Jq	0.079	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-20.0-20170616	6/16/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.32	J	0.048	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-20.0-20170616	6/16/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.16	JqB	0.044	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.234	1.17	pg/g
4401867202	RI-26-5.0-20170616	6/16/2017	8290	39001-02-0	Octachlorodibenzofuran	9.3	J	0.22	11	pg/g	J	sp	< PQL			
4401867202	RI-26-5.0-20170616	6/16/2017	8290	34465-46-8	HxCDD (total)	0.89	JqB	0.11	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.605	3.025	pg/g
4401867202	RI-26-5.0-20170616	6/16/2017	8290	37871-00-4	HpCDD (total)	0.51	JB	0.089	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.215	1.075	pg/g
4401867202	RI-26-5.0-20170616	6/16/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.59	JB	0.14	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.194	0.97	pg/g
4401867202	RI-26-5.0-20170616	6/16/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.1	Jq	0.17	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-5.0-20170616	6/16/2017	8290	30402-15-4	PeCDF (total)	3.2	JqB	0.13	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-5.0-20170616	6/16/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.4	JB	0.16	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-5.0-20170616	6/16/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.27	JqB	0.17	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.110	0.55	pg/g
4401867202	RI-26-5.0-20170616	6/16/2017	8290	30402-14-3	Tetrachlorodibenzofuran	1.8	q	0.15	1.1	pg/g	J	k	EMPC			
4401867202	RI-26-5.0-20170616	6/16/2017	8290	55684-94-1	HxCDF (total)	4.6	JqB	0.16	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-5.0-20170616	6/16/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.4	Jq	0.21	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-5.0-20170616	6/16/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.93	JB	0.13	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.187	0.935	pg/g
4401867202	RI-26-5.0-20170616	6/16/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.84	JqB	0.15	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-5.0-20170616	6/16/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.5	JB	0.17	11	pg/g	J	bl,sp	MB contamination; < PQL	0.647	3.235	pg/g
4401867202	RI-26-5.0-20170616	6/16/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.85	J	0.15	1.1	pg/g	J	sp	< PQL			
4401867202	RI-26-5.0-20170616	6/16/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.58	JB	0.11	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.145	0.725	pg/g
4401867202	RI-26-5.0-20170616	6/16/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.31	JqB	0.10	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.226	1.13	pg/g
4401867202	RI-26-5.0-20170616	6/16/2017	8290	38998-75-3	HpCDF (total)	6.1	q	0.19	5.5	pg/g	J	k	EMPC			
4401867202	RI-26-5.0-20170616	6/16/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.51	JB	0.089	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.215	1.075	pg/g
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.54	JB	0.11	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.194	0.97	pg/g
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	37871-00-4	HpCDD (total)	0.58	JqB	0.14	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.215	1.075	pg/g
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.42	JB	0.079	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.226	1.13	pg/g
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	38998-75-3	HpCDF (total)	8.1	q	0.18	5.5	pg/g	J	k	EMPC			
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	4.0	J	0.16	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1.2	JB	0.11	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.87	Jq	0.089	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.60	JB	0.086	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.145	0.725	pg/g
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.30	JqB	0.14	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.203	1.015	pg/g
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	3.1	JB	0.17	11	pg/g	J	bl,sp	MB contamination; < PQL	0.647	3.235	pg/g
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.20	Jq	0.13	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.6	J	0.19	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	36088-22-9	PeCDD (total)	0.20	Jq	0.13	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.95	JB	0.13	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.58	JqB	0.14	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.215	1.075	pg/g
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	55684-94-1	HxCDF (total)	6.7	qB	0.14	5.5	pg/g	J	k	EMPC			
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	30402-15-4	PeCDF (total)	4.6	JqB	0.11	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	34465-46-8	HxCDD (total)	1.0	JB	0.085	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.605	3.025	pg/g
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.61	JB	0.15	5.5	pg/g	J	sp	< PQL			
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	30402-14-3	Tetrachlorodibenzofuran	2.8	q	0.089	1.1	pg/g	J	k	EMPC			
4401867202	RI-26-5.0-20170616-FD	6/16/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.6	JB	0.14	5.5	pg/g	J	sp	< PQL			
4401867862	RI-26-30.0-20170616	6/16/2017	8290	34465-46-8	HxCDD (total)	0.51	JB	0.041	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.605	3.025	pg/g
4401867862	RI-26-30.0-20170616	6/16/2017	8290	38998-75-3	HpCDF (total)	0.56	J	0.036	5.4	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401867862	RI-26-30.0-20170616	6/16/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.12	JB	0.044	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.234	1.17 pg/g
4401867862	RI-26-30.0-20170616	6/16/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.28	JB	0.030	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.215	1.075 pg/g
4401867862	RI-26-30.0-20170616	6/16/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.19	JB	0.047	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.187	0.935 pg/g
4401867862	RI-26-30.0-20170616	6/16/2017	8290	55684-94-1	HxCDF (total)	0.49	JqB	0.066	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.567	2.835 pg/g
4401867862	RI-26-30.0-20170616	6/16/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.17	JqB	0.063	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0950	0.475 pg/g
4401867862	RI-26-30.0-20170616	6/16/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.19	JB	0.069	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.110	0.55 pg/g
4401867862	RI-26-30.0-20170616	6/16/2017	8290	37871-00-4	HpCDD (total)	0.40	JqB	0.030	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.215	1.075 pg/g
4401867862	RI-26-30.0-20170616	6/16/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.28	J	0.032	5.4	pg/g	J	sp	< PQL		
4401867862	RI-26-30.0-20170616	6/16/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.80	JqB	0.040	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.647	3.235 pg/g
4401867862	RI-26-30.0-20170616	6/16/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.15	JB	0.042	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.145	0.725 pg/g
4401867862	RI-26-30.0-20170616	6/16/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.13	JqB	0.066	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.203	1.015 pg/g
4401867862	RI-26-30.0-20170616	6/16/2017	8290	39001-02-0	Octachlorodibenzofuran	0.98	J	0.075	11	pg/g	J	sp	< PQL		
4401867862	RI-26-30.0-20170616	6/16/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.20	J	0.039	5.4	pg/g	J	sp	< PQL		
4401867862	RI-26-30.0-20170616	6/16/2017	8290	30402-15-4	PeCDF (total)	0.19	JB	0.048	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.380	1.9 pg/g
4401867862	RI-26-30.0-20170616	6/16/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.25	JB	0.038	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.226	1.13 pg/g
4401867862	RI-26-40.0-20170616	6/16/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.63	JB	0.12	8.0	pg/g	J	sp	< PQL		
4401867862	RI-26-40.0-20170616	6/16/2017	8290	34465-46-8	HxCDD (total)	1.0	JB	0.062	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.605	3.025 pg/g
4401867862	RI-26-40.0-20170616	6/16/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.28	JB	0.068	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.187	0.935 pg/g
4401867862	RI-26-40.0-20170616	6/16/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.086	Jq	0.053	1.6	pg/g	J	k,sp	EMPC; < PQL		
4401867862	RI-26-40.0-20170616	6/16/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.45	JqB	0.039	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.215	1.075 pg/g
4401867862	RI-26-40.0-20170616	6/16/2017	8290	55684-94-1	HxCDF (total)	0.87	JB	0.11	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.567	2.835 pg/g
4401867862	RI-26-40.0-20170616	6/16/2017	8290	37871-00-4	HpCDD (total)	0.70	JqB	0.039	8.0	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.215	1.075 pg/g
4401867862	RI-26-40.0-20170616	6/16/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.36	JB	0.056	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.226	1.13 pg/g
4401867862	RI-26-40.0-20170616	6/16/2017	8290	36088-22-9	PeCDD (total)	0.27	J	0.11	8.0	pg/g	J	sp	< PQL		
4401867862	RI-26-40.0-20170616	6/16/2017	8290	38998-75-3	HpCDF (total)	0.90	J	0.048	8.0	pg/g	J	sp	< PQL		
4401867862	RI-26-40.0-20170616	6/16/2017	8290	39001-02-0	Octachlorodibenzofuran	1.2	J	0.098	16	pg/g	J	sp	< PQL		
4401867862	RI-26-40.0-20170616	6/16/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.23	JB	0.11	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.203	1.015 pg/g
4401867862	RI-26-40.0-20170616	6/16/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.45	JB	0.064	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.145	0.725 pg/g
4401867862	RI-26-40.0-20170616	6/16/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.44	J	0.053	8.0	pg/g	J	sp	< PQL		
4401867862	RI-26-40.0-20170616	6/16/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.086	Jq	0.053	1.6	pg/g	J	k,sp	EMPC; < PQL		
4401867862	RI-26-40.0-20170616	6/16/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.8	JqB	0.061	16	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.647	3.235 pg/g
4401867862	RI-26-40.0-20170616	6/16/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.23	JB	0.066	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.234	1.17 pg/g
4401867862	RI-26-40.0-20170616	6/16/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.27	J	0.11	8.0	pg/g	J	sp	< PQL		
4401867862	RI-26-40.0-20170616	6/16/2017	8290	30402-15-4	PeCDF (total)	0.28	JB	0.069	8.0	pg/g	J	bl,sp	MB contamination; < PQL	0.380	1.9 pg/g
4401867862	RI-26-40.0-20170616	6/16/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.45	J	0.043	8.0	pg/g	J	sp	< PQL		
4401875332	RI-3-10.0-20170629	6/29/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.30	J	0.092	5.5	pg/g	J	sp	< PQL		
4401875332	RI-3-10.0-20170629	6/29/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.13	JqB	0.061	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.234	1.17 pg/g
4401875332	RI-3-10.0-20170629	6/29/2017	8290	39001-02-0	Octachlorodibenzofuran	0.83	Jq	0.11	11	pg/g	J	k,sp	EMPC; < PQL		
4401875332	RI-3-10.0-20170629	6/29/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.21	Jq	0.11	5.5	pg/g	J	k,sp	EMPC; < PQL		
4401875332	RI-3-10.0-20170629	6/29/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.24	JB	0.051	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.0950	0.475 pg/g
4401875332	RI-3-10.0-20170629	6/29/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.13	JqB	0.058	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.145	0.725 pg/g
4401875332	RI-3-10.0-20170629	6/29/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.29	JqB	0.053	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.226	1.13 pg/g
4401875332	RI-3-10.0-20170629	6/29/2017	8290	38998-75-3	HpCDF (total)	0.51	Jq	0.10	5.5	pg/g	J	k,sp	EMPC; < PQL		
4401875332	RI-3-10.0-20170629	6/29/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.14	JB	0.054	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.203	1.015 pg/g
4401875332	RI-3-10.0-20170629	6/29/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.73	JqB	0.091	11	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.647	3.235 pg/g
4401875332	RI-3-10.0-20170629	6/29/2017	8290	37871-00-4	HpCDD (total)	0.30	JqB	0.055	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.215	1.075 pg/g
4401875332	RI-3-10.0-20170629	6/29/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.21	JB	0.054	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.158	0.79 pg/g
4401875332	RI-3-10.0-20170629	6/29/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.23	JB	0.058	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.110	0.55 pg/g
4401875332	RI-3-10.0-20170629	6/29/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.21	JqB	0.055	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.215	1.075 pg/g
4401875332	RI-3-10.0-20170629	6/29/2017	8290	55684-94-1	HxCDF (total)	0.81	JB	0.055	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.567	2.835 pg/g
4401875332	RI-3-10.0-20170629	6/29/2017	8290	34465-46-8	HxCDD (total)	0.65	JqB	0.057	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.605	3.025 pg/g
4401875332	RI-3-20.0-20170629	6/29/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.39	JqB	0.088	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.158	0.79 pg/g
4401875332	RI-3-20.0-20170629	6/29/2017	8290	34465-46-8	HxCDD (total)	1.2	JqB	0.090	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.605	3.025 pg/g
4401875332	RI-3-20.0-20170629	6/29/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.39	JqB	0.094	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.110	0.55 pg/g

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401875332	RI-3-20.0-20170629	6/29/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.77	Jq	0.15	6.8	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-20.0-20170629	6/29/2017	8290	30402-15-4	PeCDF (total)	0.21	JB	0.20	6.8	pg/g	J	bl,sp	MB contamination; < PQL	0.380	1.9	pg/g
4401875332	RI-3-20.0-20170629	6/29/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.74	JqB	0.10	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.215	1.075	pg/g
4401875332	RI-3-20.0-20170629	6/29/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.40	JqB	0.083	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.226	1.13	pg/g
4401875332	RI-3-20.0-20170629	6/29/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.29	JqB	0.096	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.234	1.17	pg/g
4401875332	RI-3-20.0-20170629	6/29/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.35	JqB	0.083	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0950	0.475	pg/g
4401875332	RI-3-20.0-20170629	6/29/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.85	Jq	0.18	6.8	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-20.0-20170629	6/29/2017	8290	39001-02-0	Octachlorodibenzofuran	3.9	J	0.23	14	pg/g	J-	i,sp	IS %R; < PQL	32	40-135	%
4401875332	RI-3-20.0-20170629	6/29/2017	8290	37871-00-4	HpCDD (total)	1.1	JqB	0.10	6.8	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-20.0-20170629	6/29/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.51	JB	0.090	6.8	pg/g	J	bl,sp	MB contamination; < PQL	0.145	0.725	pg/g
4401875332	RI-3-20.0-20170629	6/29/2017	8290	38998-75-3	HpCDF (total)	1.8	Jq	0.17	6.8	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-20.0-20170629	6/29/2017	8290	55684-94-1	HxCDF (total)	1.5	JqB	0.088	6.8	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.567	2.835	pg/g
4401875332	RI-3-20.0-20170629	6/29/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.9	JB	0.21	14	pg/g	J-	i,sp	IS %R; < PQL	32	40-135	%
4401875332	RI-3-20.0-20170629	6/29/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.20	Jq	0.13	6.8	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-20.0-20170629	6/29/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.21	JB	0.098	6.8	pg/g	J	bl,sp	MB contamination; < PQL	0.194	0.97	pg/g
4401875332	RI-3-20.0-20170629	6/29/2017	8290	36088-22-9	PeCDD (total)	0.20	Jq	0.13	6.8	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-20.0-20170629	6/29/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.35	JB	0.088	6.8	pg/g	J	bl,sp	MB contamination; < PQL	0.203	1.015	pg/g
4401875332	RI-3-5.0-20170629	6/29/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.23	JB	0.066	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.194	0.97	pg/g
4401875332	RI-3-5.0-20170629	6/29/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.87	Jq	0.16	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	34465-46-8	HxCDD (total)	1.5	JqB	0.061	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.605	3.025	pg/g
4401875332	RI-3-5.0-20170629	6/29/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.3	JB	0.048	5.4	pg/g	J	sp	< PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.24	Jq	0.048	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.49	JqB	0.081	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.110	0.55	pg/g
4401875332	RI-3-5.0-20170629	6/29/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	0.37	JqB	0.076	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.158	0.79	pg/g
4401875332	RI-3-5.0-20170629	6/29/2017	8290	30402-15-4	PeCDF (total)	0.82	JqB	0.065	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.380	1.9	pg/g
4401875332	RI-3-5.0-20170629	6/29/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.1	Jq	0.14	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	36088-22-9	PeCDD (total)	0.23	J	0.10	5.4	pg/g	J	sp	< PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	39001-02-0	Octachlorodibenzofuran	9.4	J	0.16	11	pg/g	J	sp	< PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.35	JqB	0.063	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.187	0.935	pg/g
4401875332	RI-3-5.0-20170629	6/29/2017	8290	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.23	J	0.10	5.4	pg/g	J	sp	< PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	0.32	JqB	0.075	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.203	1.015	pg/g
4401875332	RI-3-5.0-20170629	6/29/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.38	JqB	0.061	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.145	0.725	pg/g
4401875332	RI-3-5.0-20170629	6/29/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.24	Jq	0.048	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	6.9	JB	0.13	11	pg/g	J	sp	< PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	0.14	Jq	0.053	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.30	JqB	0.071	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.0950	0.475	pg/g
4401875332	RI-3-5.0-20170629	6/29/2017	8290	37871-00-4	HpCDD (total)	1.7	JqB	0.048	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	41903-57-5	TCDD (total)	0.14	Jq	0.053	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.61	JqB	0.056	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.226	1.13	pg/g
4401875332	RI-3-5.0-20170629	6/29/2017	8290	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.49	JB	0.065	5.4	pg/g	J	bl,sp	MB contamination; < PQL	0.234	1.17	pg/g
4401875332	RI-3-5.0-20170629	6/29/2017	8290	38998-75-3	HpCDF (total)	2.5	Jq	0.15	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401875332	RI-3-5.0-20170629	6/29/2017	8290	55684-94-1	HxCDF (total)	1.5	JqB	0.076	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.567	2.835	pg/g
4401875892	RI-4-5.0-20170630	6/30/2017	8290	30402-15-4	PeCDF (total)	0.63	Jq	0.086	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401875892	RI-4-5.0-20170630	6/30/2017	8290	37871-00-4	HpCDD (total)	0.23	JB	0.094	5.5	pg/g	J	bl,sp	MB contamination; < PQL	4.32	21.6	pg/g
4401875892	RI-4-5.0-20170630	6/30/2017	8290	36088-22-9	PeCDD (total)	0.11	JqB	0.11	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.144	0.72	pg/g
4401875892	RI-4-5.0-20170630	6/30/2017	8290	34465-46-8	HxCDD (total)	0.77	Jq	0.081	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401875892	RI-4-5.0-20170630	6/30/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.1	JB	0.056	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.340	1.7	pg/g
4401875892	RI-4-5.0-20170630	6/30/2017	8290	55684-94-1	HxCDF (total)	0.38	Jq	0.20	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401875892	RI-4-5.0-20170630	6/30/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.60	Jq	0.065	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401875892	RI-4-5.0-20170630	6/30/2017	8290	41903-57-5	TCDD (total)	0.098	Jq	0.070	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401875892	RI-4-5.0-20170630	6/30/2017	8290	38998-75-3	HpCDF (total)	2.0	JB	0.062	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.873	4.365	pg/g
4401875892	RI-4-5.0-20170630	6/30/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.13	J	0.074	5.5	pg/g	J	sp	< PQL			
4401875892	RI-4-5.0-20170630	6/30/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.26	Jq	0.085	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401875892	RI-4-5.0-20170630	6/30/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.44	J	0.068	5.5	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401875892	RI-4-5.0-20170630	6/30/2017	8290	39001-02-0	Octachlorodibenzofuran	2.9	JB	0.16	11	pg/g	J	bl,sp	MB contamination; < PQL	3.82	19.1	pg/g
4401875892	RI-4-5.0-20170630	6/30/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.2	JH	0.38	11	pg/g	J-	i,sp	IS %R; < PQL	35	40-135	%
4401875892	RI-4-5.0-20170630	6/30/2017	8290	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.13	Jq	0.083	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401875892	RI-4-5.0-20170630	6/30/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.27	Jq	0.065	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401875892	RI-4-5.0-20170630	6/30/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.23	JB	0.094	5.5	pg/g	J	bl,sp	MB contamination; < PQL	2.02	10.1	pg/g
4401875942	RI-4-10.0-20170630	6/30/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.48	JB	0.10	5.5	pg/g	J	bl,sp	MB contamination; < PQL	2.02	10.1	pg/g
4401875942	RI-4-10.0-20170630	6/30/2017	8290	37871-00-4	HpCDD (total)	0.83	JBq	0.10	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	4.32	21.6	pg/g
4401875942	RI-4-10.0-20170630	6/30/2017	8290	34465-46-8	HxCDD (total)	0.23	Jq	0.11	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-10.0-20170630	6/30/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.31	JB	0.068	5.5	pg/g	J	bl,sp	MB contamination; < PQL	0.340	1.7	pg/g
4401875942	RI-4-10.0-20170630	6/30/2017	8290	55684-94-1	HxCDF (total)	0.26	Jq	0.14	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-10.0-20170630	6/30/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	0.64	JHq	0.18	11	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-10.0-20170630	6/30/2017	8290	41903-57-5	TCDD (total)	0.099	Jq	0.090	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-10.0-20170630	6/30/2017	8290	38998-75-3	HpCDF (total)	0.60	JBq	0.076	5.5	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.873	4.365	pg/g
4401875942	RI-4-10.0-20170630	6/30/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.23	Jq	0.10	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-10.0-20170630	6/30/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.29	Jq	0.083	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-10.0-20170630	6/30/2017	8290	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	0.26	Jq	0.15	5.5	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-10.0-20170630	6/30/2017	8290	39001-02-0	Octachlorodibenzofuran	1.1	JB	0.21	11	pg/g	J	bl,i,sp	MB contamination; IS %R; < PQL	3.82; 36	19.1; 40-135	pg/g; %
4401875942	RI-4-20.0-20170630	6/30/2017	8290	41903-57-5	TCDD (total)	0.32	Jq	0.071	1.1	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	39001-02-0	Octachlorodibenzofuran	12	B	0.18	11	pg/g	J	bl	MB contamination	3.82	19.1	pg/g
4401875942	RI-4-20.0-20170630	6/30/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.2	J	0.099	5.4	pg/g	J	sp	< PQL			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	0.86	Jq	0.097	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	0.94	J	0.24	5.4	pg/g	J	sp	< PQL			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.7	JH	0.22	11	pg/g	J	sp	< PQL			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	1.0	J	0.083	1.1	pg/g	J	sp	< PQL			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.27	J	0.082	5.4	pg/g	J	sp	< PQL			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	36088-22-9	PeCDD (total)	0.15	JBq	0.12	5.4	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.144	0.72	pg/g
4401875942	RI-4-20.0-20170630	6/30/2017	8290	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1.4	J	0.25	5.4	pg/g	J	sp	< PQL			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	55684-94-1	HxCDF (total)	4.2	Jq	0.25	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	2.3	JB	0.13	5.4	pg/g	J	bl,sp	MB contamination; < PQL	2.02	10.1	pg/g
4401875942	RI-4-20.0-20170630	6/30/2017	8290	30402-14-3	Tetrachlorodibenzofuran	3.7	q	0.083	1.1	pg/g	J	k	EMPC			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	3.2	JB	0.081	5.4	pg/g	J	sp	< PQL			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	37871-00-4	HpCDD (total)	3.8	JB	0.13	5.4	pg/g	J	bl,sp	MB contamination; < PQL	4.32	21.6	pg/g
4401875942	RI-4-20.0-20170630	6/30/2017	8290	34465-46-8	HxCDD (total)	0.42	J	0.090	5.4	pg/g	J	sp	< PQL			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	0.42	J	0.099	5.4	pg/g	J	sp	< PQL			
4401875942	RI-4-20.0-20170630	6/30/2017	8290	30402-15-4	PeCDF (total)	4.4	Jq	0.098	5.4	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-30.0-20170630	6/30/2017	8290	34465-46-8	HxCDD (total)	0.57	Jq	0.11	6.3	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-30.0-20170630	6/30/2017	8290	37871-00-4	HpCDD (total)	6.5	B	0.23	6.3	pg/g	J	bl	MB contamination	4.32	21.6	pg/g
4401875942	RI-4-30.0-20170630	6/30/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	3.7	JB	0.23	6.3	pg/g	J	bl,sp	MB contamination; < PQL	2.02	10.1	pg/g
4401875942	RI-4-30.0-20170630	6/30/2017	8290	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.17	Jq	0.13	6.3	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-30.0-20170630	6/30/2017	8290	39001-02-0	Octachlorodibenzofuran	8.0	JB	0.25	13	pg/g	J	bl,i,sp	MB contamination; IS %R; < PQL	3.82; 33	19.1; 40-135	pg/g; %
4401875942	RI-4-30.0-20170630	6/30/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	9.5	JH	0.62	13	pg/g	J-	i,sp	IS %R; < PQL	27	40-135	%
4401875942	RI-4-30.0-20170630	6/30/2017	8290	38998-75-3	HpCDF (total)	3.0	JBq	0.12	6.3	pg/g	J	bl,k,sp	MB contamination; EMPC; < PQL	0.873	4.365	pg/g
4401875942	RI-4-30.0-20170630	6/30/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.90	JB	0.10	6.3	pg/g	J	bl,sp	MB contamination; < PQL	0.340	1.7	pg/g
4401875942	RI-4-30.0-20170630-FD	6/30/2017	8290	30402-14-3	Tetrachlorodibenzofuran	0.37	J	0.065	1.3	pg/g	J	sp	< PQL			
4401875942	RI-4-30.0-20170630-FD	6/30/2017	8290	3268-87-9	Octachlorodibenzo-p-dioxin	1.8	JH	0.40	13	pg/g	J	sp	< PQL			
4401875942	RI-4-30.0-20170630-FD	6/30/2017	8290	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	0.25	J	0.065	1.3	pg/g	J	sp	< PQL			
4401875942	RI-4-30.0-20170630-FD	6/30/2017	8290	39001-02-0	Octachlorodibenzofuran	2.4	JB	0.20	13	pg/g	J	bl,sp	MB contamination; < PQL	3.82	19.1	pg/g
4401875942	RI-4-30.0-20170630-FD	6/30/2017	8290	38998-75-3	HpCDF (total)	1.4	JB	0.090	6.7	pg/g	J	bl,sp	MB contamination; < PQL	0.873	4.365	pg/g
4401875942	RI-4-30.0-20170630-FD	6/30/2017	8290	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.12	Jq	0.080	6.7	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-30.0-20170630-FD	6/30/2017	8290	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.46	JB	0.11	6.7	pg/g	J	bl,sp	MB contamination; < PQL	2.02	10.1	pg/g
4401875942	RI-4-30.0-20170630-FD	6/30/2017	8290	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.82	JB	0.081	6.7	pg/g	J	bl,sp	MB contamination; < PQL	0.340	1.7	pg/g
4401875942	RI-4-30.0-20170630-FD	6/30/2017	8290	37871-00-4	HpCDD (total)	0.46	JB	0.11	6.7	pg/g	J	bl,sp	MB contamination; < PQL	4.32	21.6	pg/g
4401875942	RI-4-30.0-20170630-FD	6/30/2017	8290	34465-46-8	HxCDD (total)	0.67	Jq	0.088	6.7	pg/g	J	k,sp	EMPC; < PQL			
4401875942	RI-4-30.0-20170630-FD	6/30/2017	8290	30402-15-4	PeCDF (total)	0.40	J	0.094	6.7	pg/g	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401832931	M-5D-20170501	5/1/2017	200.7	7429-90-5	Aluminum	0.20	F1F2	0.10	0.20	mg/l	J	m,ld	MS/MSD %R, RPD	-,138; 22	70-130; 20	%
4401834231	M-202-20170502	5/2/2017	200.7	7440-47-3	Chromium (total)	0.0053	J	0.0050	0.010	mg/l	J	sp	< PQL			
4401834231	M-203-20170502	5/2/2017	200.7	7440-62-2	Vanadium	0.013	J	0.010	0.020	mg/l	J	sp	< PQL			
4401834231	M-65D-20170502	5/2/2017	200.7	7429-90-5	Aluminum	0.061	J	0.050	0.10	mg/l	J+	m,sp	MS/MSD %R; < PQL	135,148	70-130	%
4401834231	M-65D-20170502	5/2/2017	200.7	7440-62-2	Vanadium	0.0094	J	0.0050	0.010	mg/l	J	sp	< PQL			
4401834231	M-65D-20170502-FD	5/2/2017	200.7	7429-90-5	Aluminum	0.052	J	0.050	0.10	mg/l	J+	m,sp	MS/MSD %R; < PQL	135,148	70-130	%
4401835531	M-201-20170503	5/3/2017	200.7	7440-62-2	Vanadium	0.015	J	0.010	0.020	mg/l	J	sp	< PQL			
4401835531	M-215-20170503	5/3/2017	200.7	7439-96-5	Manganese	0.012	J	0.010	0.020	mg/l	J	sp	< PQL			
4401835531	M-215-20170503	5/3/2017	200.7	7429-90-5	Aluminum	0.054	J	0.050	0.10	mg/l	J	sp	< PQL			
4401835531	M-219-20170503	5/3/2017	200.7	7429-90-5	Aluminum	0.061	J	0.050	0.10	mg/l	J	sp	< PQL			
4401835531	M-222-20170503-EB	5/3/2017	200.7	7440-70-2	Calcium	0.080	J	0.050	0.10	mg/l	J	sp	< PQL			
4401835531	M-81D-20170503	5/3/2017	200.7	7429-90-5	Aluminum	0.057	J	0.050	0.10	mg/l	J	sp	< PQL			
4401836831	M-22D-20170504	5/4/2017	200.7	7440-62-2	Vanadium	0.0093	J	0.0050	0.010	mg/l	J	sp	< PQL			
4401836831	M-36D-20170504-FB	5/4/2017	200.7	7429-90-5	Aluminum	0.075	J	0.050	0.10	mg/l	J	sp	< PQL			
4401836831	M-66D-20170504	5/4/2017	200.7	7440-62-2	Vanadium	0.0090	J	0.0050	0.010	mg/l	J	sp	< PQL			
4401836831	M-66D-20170504-FD	5/4/2017	200.7	7440-62-2	Vanadium	0.0090	J	0.0050	0.010	mg/l	J	sp	< PQL			
4401836831	M-72D-20170504	5/4/2017	200.7	7440-62-2	Vanadium	0.0094	J	0.0050	0.010	mg/l	J	sp	< PQL			
4401778261	M-5D-52.0-20170222	2/22/2017	6010B	7440-33-7	Tungsten	0.12	JB	0.000018	18	mg/kg	J-	m,sp	MS/MSD %R; < PQL	49,52	75-125	%
4401778261	RIDB-8-1.0-20170222	2/22/2017	6010B	7440-24-6	Strontium	170		2.6	5.3	mg/kg	J-	m	MS/MSD %R	57,-	75-125	%
4401778261	RIDB-8-1.0-20170222	2/22/2017	6010B	7440-39-3	Barium	170		0.79	1.6	mg/kg	J-	m	MS/MSD %R	72,-	75-125	%
4401778261	RIDB-8-1.0-20170222	2/22/2017	6010B	7440-33-7	Tungsten		U	0.000011	11	mg/kg	UJ	m	MS/MSD %R	57,53	75-125	%
4401778261	RIDB-8-10.0-20170222	2/22/2017	6010B	7440-33-7	Tungsten		U	0.000011	11	mg/kg	UJ	m	MS/MSD %R	57,53	75-125	%
4401778261	RIDB-8-10.0-20170222	2/22/2017	6010B	7440-39-3	Barium	210		0.83	1.7	mg/kg	J-	m	MS/MSD %R	72,-	75-125	%
4401778261	RIDB-8-10.0-20170222	2/22/2017	6010B	7440-24-6	Strontium	450		2.8	5.5	mg/kg	J-	m	MS/MSD %R	57,-	75-125	%
4401778261	RIDB-8-20.0-20170222	2/22/2017	6010B	7440-39-3	Barium	100		0.79	1.6	mg/kg	J-	m	MS/MSD %R	72,-	75-125	%
4401778261	RIDB-8-20.0-20170222	2/22/2017	6010B	7440-24-6	Strontium	800		2.6	5.3	mg/kg	J-	m	MS/MSD %R	57,-	75-125	%
4401778261	RIDB-8-20.0-20170222	2/22/2017	6010B	7440-33-7	Tungsten		U	0.000011	11	mg/kg	UJ	m	MS/MSD %R	57,53	75-125	%
4401778261	RIDB-8-30.0-20170222	2/22/2017	6010B	7440-33-7	Tungsten		U	0.000012	12	mg/kg	UJ	m	MS/MSD %R	57,53	75-125	%
4401778261	RIDB-8-30.0-20170222	2/22/2017	6010B	7440-39-3	Barium	69		0.88	1.8	mg/kg	J-	m	MS/MSD %R	72,-	75-125	%
4401778261	RIDB-8-30.0-20170222	2/22/2017	6010B	7440-24-6	Strontium	140		2.9	5.9	mg/kg	J-	m	MS/MSD %R	57,-	75-125	%
4401778261	RIDB-8-30.0-20170222	2/22/2017	6010B	7440-42-8	Boron	6.6		2.9	5.9	mg/kg	J	fd	FD RPD	65	50	%
4401778261	RIDB-8-30.0-20170222-FD	2/22/2017	6010B	7440-33-7	Tungsten		UF1	0.000023	23	mg/kg	UJ	m	MS/MSD %R	49,52	75-125	%
4401778261	RIDB-8-30.0-20170222-FD	2/22/2017	6010B	7439-92-1	Lead	3.2	J	2.3	4.5	mg/kg	J	sp	< PQL			
4401778261	RIDB-8-30.0-20170222-FD	2/22/2017	6010B	7440-42-8	Boron	13		5.7	11	mg/kg	J	fd	FD RPD	65	50	%
4401778261	RIDB-8-5.0-20170222	2/22/2017	6010B	7440-33-7	Tungsten		U	0.000011	11	mg/kg	UJ	m	MS/MSD %R	57,53	75-125	%
4401778261	RIDB-8-5.0-20170222	2/22/2017	6010B	7440-24-6	Strontium	280		2.7	5.4	mg/kg	J-	m	MS/MSD %R	57,-	75-125	%
4401778261	RIDB-8-5.0-20170222	2/22/2017	6010B	7440-39-3	Barium	200		0.82	1.6	mg/kg	J-	m	MS/MSD %R	72,-	75-125	%
4401778261	RIDB-9-1.0-20170222	2/22/2017	6010B	7440-24-6	Strontium	200	F1	2.7	5.4	mg/kg	J-	m	MS/MSD %R	57,-	75-125	%
4401778261	RIDB-9-1.0-20170222	2/22/2017	6010B	7440-33-7	Tungsten	0.0028	JF1	0.000011	11	mg/kg	J-	m,sp	MS/MSD %R; < PQL	57,53	75-125	%
4401778261	RIDB-9-1.0-20170222	2/22/2017	6010B	7440-39-3	Barium	190	F1	0.81	1.6	mg/kg	J-	m	MS/MSD %R	72,-	75-125	%
4401778261	RIDB-9-5.0-20170222	2/22/2017	6010B	7440-33-7	Tungsten		U	0.000011	11	mg/kg	UJ	m	MS/MSD %R	57,53	75-125	%
4401778261	RIDB-9-5.0-20170222	2/22/2017	6010B	7440-39-3	Barium	190		0.81	1.6	mg/kg	J-	m	MS/MSD %R	72,-	75-125	%
4401778261	RIDB-9-5.0-20170222	2/22/2017	6010B	7440-24-6	Strontium	210		2.7	5.4	mg/kg	J-	m	MS/MSD %R	57,-	75-125	%
4401780271	RIDB-14-1.0-20170223	2/23/2017	6010B	7440-62-2	Vanadium	69		0.54	1.1	mg/kg	J-	m	MS/MSD %R	59,-	75-125	%
4401780271	RIDB-14-1.0-20170223	2/23/2017	6010B	7440-39-3	Barium	190		0.81	1.6	mg/kg	J-	m	MS/MSD %R	33,-	75-125	%
4401780271	RIDB-14-1.0-20170223	2/23/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	30,35	75-125	%
4401780271	RIDB-14-1.0-20170223	2/23/2017	6010B	7439-96-5	Manganese	440		1.1	2.2	mg/kg	J	ld	MS/MSD RPD	88	20	%
4401780271	RIDB-14-10.0-20170223	2/23/2017	6010B	7439-96-5	Manganese	340	F2	1.1	2.2	mg/kg	J	ld	MS/MSD RPD	88	20	%
4401780271	RIDB-14-10.0-20170223	2/23/2017	6010B	7440-62-2	Vanadium	67	F1	0.56	1.1	mg/kg	J-	m	MS/MSD %R	59,-	75-125	%
4401780271	RIDB-14-10.0-20170223	2/23/2017	6010B	7440-39-3	Barium	200	F1	0.84	1.7	mg/kg	J-	m	MS/MSD %R	33,-	75-125	%
4401780271	RIDB-14-10.0-20170223	2/23/2017	6010B	7440-33-7	Tungsten		UF1	2.8	11	mg/kg	UJ	m	MS/MSD %R	30,35	75-125	%
4401780271	RIDB-14-20.0-20170223	2/23/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	30,35	75-125	%
4401780271	RIDB-14-20.0-20170223	2/23/2017	6010B	7440-62-2	Vanadium	51		0.53	1.1	mg/kg	J-	m	MS/MSD %R	59,-	75-125	%
4401780271	RIDB-14-20.0-20170223	2/23/2017	6010B	7440-39-3	Barium	150		0.80	1.6	mg/kg	J-	m	MS/MSD %R	33,-	75-125	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401780271	RIDB-14-20.0-20170223	2/23/2017	6010B	7439-96-5	Manganese	250		1.1	2.1	mg/kg	J	ld	MS/MSD RPD	88	20	%
4401780271	RIDB-14-5.0-20170223	2/23/2017	6010B	7440-39-3	Barium	180		0.83	1.7	mg/kg	J-	m	MS/MSD %R	33,-	75-125	%
4401780271	RIDB-14-5.0-20170223	2/23/2017	6010B	7440-62-2	Vanadium	58		0.55	1.1	mg/kg	J-	m	MS/MSD %R	59,-	75-125	%
4401780271	RIDB-14-5.0-20170223	2/23/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	30,35	75-125	%
4401780271	RIDB-14-5.0-20170223	2/23/2017	6010B	7439-96-5	Manganese	410		1.1	2.2	mg/kg	J	ld	MS/MSD RPD	88	20	%
4401780271	RIDB-9-10.0-20170223	2/23/2017	6010B	7440-42-8	Boron	14		2.7	5.5	mg/kg	J+	z	ICS concentration	0.0972	0.05	mg/l
4401780271	RIDB-9-10.0-20170223	2/23/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	30,35	75-125	%
4401780271	RIDB-9-10.0-20170223	2/23/2017	6010B	7439-96-5	Manganese	260		1.1	2.2	mg/kg	J	ld	MS/MSD RPD	88	20	%
4401780271	RIDB-9-10.0-20170223	2/23/2017	6010B	7440-62-2	Vanadium	47		0.55	1.1	mg/kg	J-	m	MS/MSD %R	59,-	75-125	%
4401780271	RIDB-9-10.0-20170223	2/23/2017	6010B	7440-39-3	Barium	160		0.82	1.6	mg/kg	J-	m	MS/MSD %R	33,-	75-125	%
4401780271	RIDB-9-20.0-20170223	2/23/2017	6010B	7439-96-5	Manganese	170		1.1	2.2	mg/kg	J	ld	MS/MSD RPD	88	20	%
4401780271	RIDB-9-20.0-20170223	2/23/2017	6010B	7440-62-2	Vanadium	39		0.55	1.1	mg/kg	J-	m	MS/MSD %R	59,-	75-125	%
4401780271	RIDB-9-20.0-20170223	2/23/2017	6010B	7440-39-3	Barium	140		0.82	1.6	mg/kg	J-	m	MS/MSD %R	33,-	75-125	%
4401780271	RIDB-9-20.0-20170223	2/23/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	30,35	75-125	%
4401780271	RIDB-9-30.0-20170223	2/23/2017	6010B	7440-62-2	Vanadium	58		0.55	1.1	mg/kg	J-	m	MS/MSD %R	59,-	75-125	%
4401780271	RIDB-9-30.0-20170223	2/23/2017	6010B	7440-39-3	Barium	150		0.83	1.7	mg/kg	J-	m	MS/MSD %R	33,-	75-125	%
4401780271	RIDB-9-30.0-20170223	2/23/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	30,35	75-125	%
4401780271	RIDB-9-30.0-20170223	2/23/2017	6010B	7439-96-5	Manganese	290		1.1	2.2	mg/kg	J	ld	MS/MSD RPD	88	20	%
4401780271	RIDB-9-50.0-20170223	2/23/2017	6010B	7440-47-3	Chromium (total)	31		0.79	1.6	mg/kg	J	fd	FD RPD	62	50	%
4401780271	RIDB-9-50.0-20170223-FD	2/23/2017	6010B	7440-47-3	Chromium (total)	59		0.76	1.5	mg/kg	J	fd	FD RPD	62	50	%
4401780971	RIDB-10-10.0-20170224-EB	2/24/2017	6010B	7439-95-4	Magnesium	12	J	10	20	ug/l	J	sp	< PQL			
4401781721	RIDB-10-1.0-20170223	2/23/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	30,35	75-125	%
4401781721	RIDB-10-1.0-20170223	2/23/2017	6010B	7440-39-3	Barium	190		0.82	1.6	mg/kg	J-	m	MS/MSD %R	33,-	75-125	%
4401781721	RIDB-10-1.0-20170223	2/23/2017	6010B	7439-96-5	Manganese	450		1.1	2.2	mg/kg	J	ld	MS/MSD RPD	88	20	%
4401781721	RIDB-10-1.0-20170223	2/23/2017	6010B	7440-62-2	Vanadium	65		0.54	1.1	mg/kg	J-	m	MS/MSD %R	59,-	75-125	%
4401781721	RIDB-10-10.0-20170224	2/24/2017	6010B	7439-92-1	Lead	8.2		1.1	2.1	mg/kg	J+	bl	ICB/CCB contamination	7.48		ug/l
4401781721	RIDB-10-20.0-20170224	2/24/2017	6010B	7439-92-1	Lead	7.3		1.0	2.1	mg/kg	J+	bl	ICB/CCB contamination	7.48		ug/l
4401781721	RIDB-10-30.0-20170224	2/24/2017	6010B	7439-96-5	Manganese	300		1.5	3.0	mg/kg	J	ld	MS/MSD RPD	88	20	%
4401781721	RIDB-10-30.0-20170224	2/24/2017	6010B	7440-39-3	Barium	140		1.1	2.3	mg/kg	J-	m	MS/MSD %R	33,-	75-125	%
4401781721	RIDB-10-30.0-20170224	2/24/2017	6010B	7440-62-2	Vanadium	64		0.76	1.5	mg/kg	J-	m	MS/MSD %R	59,-	75-125	%
4401781721	RIDB-10-30.0-20170224	2/24/2017	6010B	7440-33-7	Tungsten		U	3.8	15	mg/kg	UJ	m	MS/MSD %R	30,35	75-125	%
4401781721	RIDB-13-1.0-20170224	2/24/2017	6010B	7440-47-3	Chromium (total)	2.6	J	2.5	5.1	mg/kg	J	sp	< PQL			
4401781721	RIDB-13-1.0-20170224	2/24/2017	6010B	7440-62-2	Vanadium	3.0	J	2.5	5.1	mg/kg	J	sp	< PQL			
4401781721	RIDB-13-20.0-20170224	2/24/2017	6010B	7439-92-1	Lead	6.9		1.1	2.3	mg/kg	J+	bl	ICB/CCB contamination	7.48		ug/l
4401781721	RIDB-13-30.0-20170224-FD	2/24/2017	6010B	7439-92-1	Lead	9.0		1.6	3.3	mg/kg	J+	bl	ICB/CCB contamination	7.48		ug/l
4401781721	RIDB-14-30.0-20170223	2/23/2017	6010B	7439-92-1	Lead	4.2	J	2.2	4.4	mg/kg	J	bl,sp	MB contamination; < PQL	4.29		mg/kg
4401783021	RIDB-6-0.5-20170225	2/25/2017	6010B	7440-39-3	Barium	160		0.83	1.7	mg/kg	J-	m	MS/MSD %R	-,70	75-125	%
4401783021	RIDB-6-0.5-20170225	2/25/2017	6010B	7440-33-7	Tungsten	0.27	JB	0.000011	11	mg/kg	J	bl,m,sp	MB contamination; MS/MSD %R; < PQL	0.171; 45,46	75-125	mg/kg; %
4401783021	RIDB-6-0.5-20170225	2/25/2017	6010B	7440-67-7	Zirconium	24	B	0.0000011	5.5	mg/kg	J	sd	Serial dilution %D	14	10	%
4401783021	RIDB-6-0.5-20170225	2/25/2017	6010B	7440-24-6	Strontium	190		2.8	5.5	mg/kg	J-	m	MS/MSD %R	53,48	75-125	%
4401783021	RIDB-6-10.0-20170226	2/26/2017	6010B	7440-33-7	Tungsten		U	0.000011	11	mg/kg	UJ	m	MS/MSD %R	45,46	75-125	%
4401783021	RIDB-6-10.0-20170226	2/26/2017	6010B	7440-67-7	Zirconium	25	B	0.0000011	5.4	mg/kg	J	sd	Serial dilution %D	14	10	%
4401783021	RIDB-6-10.0-20170226	2/26/2017	6010B	7440-39-3	Barium	160		0.80	1.6	mg/kg	J-	m	MS/MSD %R	-,70	75-125	%
4401783021	RIDB-6-10.0-20170226	2/26/2017	6010B	7440-24-6	Strontium	210		2.7	5.4	mg/kg	J-	m	MS/MSD %R	53,48	75-125	%
4401783021	RIDB-6-20.0-20170226	2/26/2017	6010B	7440-67-7	Zirconium	29	B	0.0000014	6.9	mg/kg	J	sd	Serial dilution %D	14	10	%
4401783021	RIDB-6-20.0-20170226	2/26/2017	6010B	7440-24-6	Strontium	150	F1	3.5	6.9	mg/kg	J-	m	MS/MSD %R	53,48	75-125	%
4401783021	RIDB-6-20.0-20170226	2/26/2017	6010B	7440-39-3	Barium	76	F1	1.0	2.1	mg/kg	J-	m	MS/MSD %R	-,70	75-125	%
4401783021	RIDB-6-20.0-20170226	2/26/2017	6010B	7440-33-7	Tungsten		UF1	0.000014	14	mg/kg	UJ	m	MS/MSD %R	45,46	75-125	%
4401783021	RIDB-6-30.0-20170226	2/26/2017	6010B	7440-24-6	Strontium	130		3.7	7.5	mg/kg	J-	m	MS/MSD %R	53,48	75-125	%
4401783021	RIDB-6-30.0-20170226	2/26/2017	6010B	7440-33-7	Tungsten		U	0.000015	15	mg/kg	UJ	m	MS/MSD %R	45,46	75-125	%
4401783021	RIDB-6-30.0-20170226	2/26/2017	6010B	7440-39-3	Barium	60		1.1	2.2	mg/kg	J-	m	MS/MSD %R	-,70	75-125	%
4401783021	RIDB-6-30.0-20170226	2/26/2017	6010B	7440-67-7	Zirconium	40	B	0.0000015	7.5	mg/kg	J	sd	Serial dilution %D	14	10	%
4401783021	RIDB-6-5.0-20170225	2/25/2017	6010B	7440-24-6	Strontium	160		2.7	5.3	mg/kg	J-	m	MS/MSD %R	53,48	75-125	%
4401783021	RIDB-6-5.0-20170225	2/25/2017	6010B	7440-39-3	Barium	130		0.80	1.6	mg/kg	J-	m	MS/MSD %R	-,70	75-125	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401783021	RIDB-6-5.0-20170225	2/25/2017	6010B	7440-33-7	Tungsten	0.035	JB	0.000011	11	mg/kg	J	bl,m,sp	MB contamination; MS/MSD %R; < PQL	0.171; 45,46	75-125	mg/kg; %
4401783021	RIDB-6-5.0-20170225	2/25/2017	6010B	7440-67-7	Zirconium	20	B	0.0000011	5.3	mg/kg	J	sd	Serial dilution %D	14	10	%
4401783021	RIDB-6-5.0-20170225-FD	2/25/2017	6010B	7440-67-7	Zirconium	21	B	0.0000011	5.3	mg/kg	J	sd	Serial dilution %D	14	10	%
4401783021	RIDB-6-5.0-20170225-FD	2/25/2017	6010B	7440-39-3	Barium	140		0.80	1.6	mg/kg	J-	m	MS/MSD %R	-,70	75-125	%
4401783021	RIDB-6-5.0-20170225-FD	2/25/2017	6010B	7440-33-7	Tungsten	0.37	JB	0.000011	11	mg/kg	J	bl,m,sp	MB contamination; MS/MSD %R; < PQL	0.171; 45,46	75-125	mg/kg; %
4401783021	RIDB-6-5.0-20170225-FD	2/25/2017	6010B	7440-24-6	Strontium	180		2.7	5.3	mg/kg	J-	m	MS/MSD %R	53,48	75-125	%
4401790221	RIDB-20-1.0-20170307	3/7/2017	6010B	7440-33-7	Tungsten		U	2.6	11	mg/kg	UJ	m	MS/MSD %R	42,47	75-125	%
4401790221	RIDB-20-1.0-20170307	3/7/2017	6010B	7440-24-6	Strontium	140		2.6	5.3	mg/kg	J-	m	MS/MSD %R	70,-	75-125	%
4401790221	RIDB-20-1.0-20170307	3/7/2017	6010B	7440-42-8	Boron	5.2	J	2.6	5.3	mg/kg	J	sp	< PQL			
4401790221	RIDB-4-0.5-20170306	3/6/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	42,47	75-125	%
4401790221	RIDB-4-0.5-20170306	3/6/2017	6010B	7440-24-6	Strontium	230		2.7	5.3	mg/kg	J-	m	MS/MSD %R	70,-	75-125	%
4401790221	RIDB-4-10.0-20170307	3/7/2017	6010B	7440-33-7	Tungsten		U	3.1	12	mg/kg	UJ	m	MS/MSD %R	42,47	75-125	%
4401790221	RIDB-4-10.0-20170307	3/7/2017	6010B	7440-24-6	Strontium	2200		3.1	6.1	mg/kg	J	fd,m	FD RPD; MS/MSD %R	78; 70,-	50; 75-125	%
4401790221	RIDB-4-10.0-20170307	3/7/2017	6010B	7439-95-4	Magnesium	48000		6.1	12	mg/kg	J	fd	FD RPD	51	50	%
4401790221	RIDB-4-10.0-20170307-FD	3/7/2017	6010B	7439-95-4	Magnesium	81000		6.8	14	mg/kg	J	fd	FD RPD	51	50	%
4401790221	RIDB-4-10.0-20170307-FD	3/7/2017	6010B	7440-24-6	Strontium	5000		3.4	6.8	mg/kg	J	fd,m	FD RPD; MS/MSD %R	78; 70,-	50; 75-125	%
4401790221	RIDB-4-10.0-20170307-FD	3/7/2017	6010B	7440-33-7	Tungsten		U	3.4	14	mg/kg	UJ	m	MS/MSD %R	42,47	75-125	%
4401790221	RIDB-4-20.0-20170307	3/7/2017	6010B	7440-24-6	Strontium	120		3.8	7.6	mg/kg	J-	m	MS/MSD %R	70,-	75-125	%
4401790221	RIDB-4-20.0-20170307	3/7/2017	6010B	7440-33-7	Tungsten		U	3.8	15	mg/kg	UJ	m	MS/MSD %R	42,47	75-125	%
4401790221	RIDB-4-30.0-20170307	3/7/2017	6010B	7440-33-7	Tungsten		U	3.7	15	mg/kg	UJ	m	MS/MSD %R	42,47	75-125	%
4401790221	RIDB-4-30.0-20170307	3/7/2017	6010B	7440-24-6	Strontium	190		3.7	7.4	mg/kg	J-	m	MS/MSD %R	70,-	75-125	%
4401790221	RIDB-4-5.0-20170307	3/7/2017	6010B	7440-24-6	Strontium	200		2.7	5.5	mg/kg	J-	m	MS/MSD %R	70,-	75-125	%
4401790221	RIDB-4-5.0-20170307	3/7/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	42,47	75-125	%
4401791531	RIDB-1-10.0-20170308	3/8/2017	6010B	7440-42-8	Boron	9.7		2.7	5.3	mg/kg	J+	m	MS/MSD %R	-,170	75-125	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	6010B	7440-42-8	Boron	18		3.0	6.1	mg/kg	J+	m	MS/MSD %R	-,170	75-125	%
4401791531	RIDB-1-30.0-20170308	3/8/2017	6010B	7440-42-8	Boron	32		3.5	7.0	mg/kg	J+	m	MS/MSD %R	-,170	75-125	%
4401791531	RIDB-1-5.0-20170308	3/8/2017	6010B	7440-42-8	Boron	6.0		2.6	5.2	mg/kg	J+	m	MS/MSD %R	-,170	75-125	%
4401791531	RIDB-20-10.0-20170308	3/8/2017	6010B	7440-42-8	Boron	10		2.7	5.4	mg/kg	J+	m	MS/MSD %R	-,170	75-125	%
4401791531	RIDB-20-20.0-20170308	3/8/2017	6010B	7440-42-8	Boron	16		2.8	5.5	mg/kg	J+	m	MS/MSD %R	-,170	75-125	%
4401791531	RIDB-20-30.0-20170308	3/8/2017	6010B	7440-42-8	Boron	7.2		2.7	5.4	mg/kg	J+	m	MS/MSD %R	-,170	75-125	%
4401791531	RIDB-20-30.0-20170308-FD	3/8/2017	6010B	7440-42-8	Boron	7.1		2.7	5.4	mg/kg	J+	m	MS/MSD %R	-,170	75-125	%
4401791531	RIDB-20-5.0-20170307	3/7/2017	6010B	7440-42-8	Boron	8.6		2.7	5.4	mg/kg	J+	m	MS/MSD %R	-,170	75-125	%
4401792801	RIDB-17-1.0-20170309	3/9/2017	6010B	7440-39-3	Barium	170		0.82	1.6	mg/kg	J-	m	MS/MSD %R	-130,-140	75-125	%
4401792801	RIDB-17-1.0-20170309	3/9/2017	6010B	7440-62-2	Vanadium	52		0.55	1.1	mg/kg	J-	m	MS/MSD %R	73,71	75-125	%
4401792801	RIDB-17-1.0-20170309	3/9/2017	6010B	7440-67-7	Zirconium	20		5.5	5.5	mg/kg	J-	m	MS/MSD %R	76,74	75-125	%
4401792801	RIDB-17-1.0-20170309	3/9/2017	6010B	7440-47-3	Chromium (total)	18		0.55	1.1	mg/kg	J-	m	MS/MSD %R	73,69	75-125	%
4401792801	RIDB-17-1.0-20170309	3/9/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	52,49; 48,45	75-125	%
4401792801	RIDB-17-1.0-20170309	3/9/2017	6010B	7440-24-6	Strontium	150		2.7	5.5	mg/kg	J	m	MS/MSD %R	151,205; -25,-45	75-125	%
4401792801	RIDB-17-10.0-20170309	3/9/2017	6010B	7440-47-3	Chromium (total)	16		0.55	1.1	mg/kg	J-	m	MS/MSD %R	73,69	75-125	%
4401792801	RIDB-17-10.0-20170309	3/9/2017	6010B	7440-42-8	Boron	5.3	J	2.8	5.5	mg/kg	J	sp	< PQL			
4401792801	RIDB-17-10.0-20170309	3/9/2017	6010B	7440-62-2	Vanadium	53		0.55	1.1	mg/kg	J-	m	MS/MSD %R	73,71	75-125	%
4401792801	RIDB-17-10.0-20170309	3/9/2017	6010B	7440-67-7	Zirconium	22		5.5	5.5	mg/kg	J-	m	MS/MSD %R	76,74	75-125	%
4401792801	RIDB-17-10.0-20170309	3/9/2017	6010B	7440-24-6	Strontium	220		2.8	5.5	mg/kg	J	m	MS/MSD %R	151,205; -25,-45	75-125	%
4401792801	RIDB-17-10.0-20170309	3/9/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	52,49; 48,45	75-125	%
4401792801	RIDB-17-10.0-20170309	3/9/2017	6010B	7440-39-3	Barium	150		0.83	1.7	mg/kg	J-	m	MS/MSD %R	-130,-140	75-125	%
4401792801	RIDB-17-20.0-20170309	3/9/2017	6010B	7440-24-6	Strontium	170		2.6	5.3	mg/kg	J	m	MS/MSD %R	151,205; -25,-45	75-125	%
4401792801	RIDB-17-20.0-20170309	3/9/2017	6010B	7440-67-7	Zirconium	19		5.3	5.3	mg/kg	J-	m	MS/MSD %R	76,74	75-125	%
4401792801	RIDB-17-20.0-20170309	3/9/2017	6010B	7440-62-2	Vanadium	37		0.53	1.1	mg/kg	J-	m	MS/MSD %R	73,71	75-125	%
4401792801	RIDB-17-20.0-20170309	3/9/2017	6010B	7440-33-7	Tungsten		U	2.6	11	mg/kg	UJ	m	MS/MSD %R	52,49; 48,45	75-125	%
4401792801	RIDB-17-20.0-20170309	3/9/2017	6010B	7440-47-3	Chromium (total)	12		0.53	1.1	mg/kg	J-	m	MS/MSD %R	73,69	75-125	%
4401792801	RIDB-17-20.0-20170309	3/9/2017	6010B	7440-39-3	Barium	120		0.79	1.6	mg/kg	J-	m	MS/MSD %R	-130,-140	75-125	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	6010B	7440-62-2	Vanadium	44	F1	0.72	1.4	mg/kg	J-	m	MS/MSD %R	73,71	75-125	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	6010B	7440-67-7	Zirconium	31	F1	7.2	7.2	mg/kg	J-	m	MS/MSD %R	76,74	75-125	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	6010B	7440-33-7	Tungsten		UF1	3.6	14	mg/kg	UJ	m	MS/MSD %R	52,49; 48,45	75-125	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401792801	RIDB-17-30.0-20170309	3/9/2017	6010B	7440-39-3	Barium	190	F1	1.1	2.2	mg/kg	J	fd,m	FD RPD; MS/MSD %R	66; -130,-140	50; 75-125 %
4401792801	RIDB-17-30.0-20170309	3/9/2017	6010B	7440-47-3	Chromium (total)	28	F1	0.72	1.4	mg/kg	J-	m	MS/MSD %R	73,69	75-125 %
4401792801	RIDB-17-30.0-20170309	3/9/2017	6010B	7440-24-6	Strontium	210	F1	3.6	7.2	mg/kg	J	m	MS/MSD %R	151,205; -25,-45	75-125 %
4401792801	RIDB-17-30.0-20170309-FD	3/9/2017	6010B	7440-62-2	Vanadium	38		0.70	1.4	mg/kg	J-	m	MS/MSD %R	73,71	75-125 %
4401792801	RIDB-17-30.0-20170309-FD	3/9/2017	6010B	7440-47-3	Chromium (total)	26		0.70	1.4	mg/kg	J-	m	MS/MSD %R	73,69	75-125 %
4401792801	RIDB-17-30.0-20170309-FD	3/9/2017	6010B	7440-39-3	Barium	96		1.0	2.1	mg/kg	J	fd,m	FD RPD; MS/MSD %R	66; -130,-140	50; 75-125 %
4401792801	RIDB-17-30.0-20170309-FD	3/9/2017	6010B	7440-33-7	Tungsten		U	3.5	14	mg/kg	UJ	m	MS/MSD %R	52,49; 48,45	75-125 %
4401792801	RIDB-17-30.0-20170309-FD	3/9/2017	6010B	7440-67-7	Zirconium	29		7.0	7.0	mg/kg	J-	m	MS/MSD %R	76,74	75-125 %
4401792801	RIDB-17-30.0-20170309-FD	3/9/2017	6010B	7440-24-6	Strontium	200		3.5	7.0	mg/kg	J	m	MS/MSD %R	151,205; -25,-45	75-125 %
4401792801	RIDB-17-5.0-20170309	3/9/2017	6010B	7440-39-3	Barium	180		0.83	1.7	mg/kg	J-	m	MS/MSD %R	-130,-140	75-125 %
4401792801	RIDB-17-5.0-20170309	3/9/2017	6010B	7440-62-2	Vanadium	43		0.55	1.1	mg/kg	J-	m	MS/MSD %R	73,71	75-125 %
4401792801	RIDB-17-5.0-20170309	3/9/2017	6010B	7440-67-7	Zirconium	22		5.5	5.5	mg/kg	J-	m	MS/MSD %R	76,74	75-125 %
4401792801	RIDB-17-5.0-20170309	3/9/2017	6010B	7440-24-6	Strontium	230		2.8	5.5	mg/kg	J	m	MS/MSD %R	151,205; -25,-45	75-125 %
4401792801	RIDB-17-5.0-20170309	3/9/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	52,49; 48,45	75-125 %
4401792801	RIDB-17-5.0-20170309	3/9/2017	6010B	7440-47-3	Chromium (total)	15		0.55	1.1	mg/kg	J-	m	MS/MSD %R	73,69	75-125 %
4401792801	RIDB-2-0.5-20170309	3/9/2017	6010B	7440-33-7	Tungsten		UF1	2.7	11	mg/kg	UJ	m	MS/MSD %R	52,49; 48,45	75-125 %
4401792801	RIDB-2-0.5-20170309	3/9/2017	6010B	7440-39-3	Barium	160		0.82	1.6	mg/kg	J-	m	MS/MSD %R	-130,-140	75-125 %
4401792801	RIDB-2-0.5-20170309	3/9/2017	6010B	7440-47-3	Chromium (total)	15		0.54	1.1	mg/kg	J-	m	MS/MSD %R	73,69	75-125 %
4401792801	RIDB-2-0.5-20170309	3/9/2017	6010B	7440-24-6	Strontium	210	F1	2.7	5.4	mg/kg	J	m	MS/MSD %R	151,205; -25,-45	75-125 %
4401792801	RIDB-2-0.5-20170309	3/9/2017	6010B	7440-67-7	Zirconium	21		5.4	5.4	mg/kg	J-	m	MS/MSD %R	76,74	75-125 %
4401792801	RIDB-2-0.5-20170309	3/9/2017	6010B	7440-62-2	Vanadium	50		0.54	1.1	mg/kg	J-	m	MS/MSD %R	73,71	75-125 %
4401792801	RIDB-2-10.0-20170309	3/9/2017	6010B	7440-24-6	Strontium	1500		5.8	12	mg/kg	J	m	MS/MSD %R	151,205; -25,-45	75-125 %
4401792801	RIDB-2-10.0-20170309	3/9/2017	6010B	7440-42-8	Boron	8.4	J	5.8	12	mg/kg	J	sp	< PQL		
4401792801	RIDB-2-10.0-20170309	3/9/2017	6010B	7440-67-7	Zirconium	16		12	12	mg/kg	J-	m	MS/MSD %R	76,74	75-125 %
4401792801	RIDB-2-10.0-20170309	3/9/2017	6010B	7440-33-7	Tungsten		U	5.8	23	mg/kg	UJ	m	MS/MSD %R	52,49; 48,45	75-125 %
4401792801	RIDB-2-10.0-20170309	3/9/2017	6010B	7440-39-3	Barium	66		1.8	3.5	mg/kg	J-	m	MS/MSD %R	-130,-140	75-125 %
4401792801	RIDB-2-10.0-20170309	3/9/2017	6010B	7440-47-3	Chromium (total)	16		1.2	2.3	mg/kg	J-	m	MS/MSD %R	73,69	75-125 %
4401792801	RIDB-2-10.0-20170309	3/9/2017	6010B	7440-62-2	Vanadium	35		1.2	2.3	mg/kg	J-	m	MS/MSD %R	73,71	75-125 %
4401792801	RIDB-2-20.0-20170309	3/9/2017	6010B	7440-62-2	Vanadium	26		0.70	1.4	mg/kg	J-	m	MS/MSD %R	73,71	75-125 %
4401792801	RIDB-2-20.0-20170309	3/9/2017	6010B	7440-33-7	Tungsten		U	3.5	14	mg/kg	UJ	m	MS/MSD %R	52,49; 48,45	75-125 %
4401792801	RIDB-2-20.0-20170309	3/9/2017	6010B	7440-39-3	Barium	47		1.0	2.1	mg/kg	J-	m	MS/MSD %R	-130,-140	75-125 %
4401792801	RIDB-2-20.0-20170309	3/9/2017	6010B	7440-47-3	Chromium (total)	20		0.70	1.4	mg/kg	J	fd,m	FD RPD; MS/MSD %R	71; 73,69	50; 75-125 %
4401792801	RIDB-2-20.0-20170309	3/9/2017	6010B	7440-24-6	Strontium	160		3.5	7.0	mg/kg	J	m	MS/MSD %R	151,205; -25,-45	75-125 %
4401792801	RIDB-2-20.0-20170309	3/9/2017	6010B	7440-67-7	Zirconium	21		7.0	7.0	mg/kg	J-	m	MS/MSD %R	76,74	75-125 %
4401792801	RIDB-2-20.0-20170309-FD	3/9/2017	6010B	7440-24-6	Strontium	150		4.2	8.5	mg/kg	J	m	MS/MSD %R	151,205; -25,-45	75-125 %
4401792801	RIDB-2-20.0-20170309-FD	3/9/2017	6010B	7440-62-2	Vanadium	30		0.85	1.7	mg/kg	J-	m	MS/MSD %R	73,71	75-125 %
4401792801	RIDB-2-20.0-20170309-FD	3/9/2017	6010B	7440-67-7	Zirconium	27		8.5	8.5	mg/kg	J-	m	MS/MSD %R	76,74	75-125 %
4401792801	RIDB-2-20.0-20170309-FD	3/9/2017	6010B	7440-33-7	Tungsten		U	4.2	17	mg/kg	UJ	m	MS/MSD %R	52,49; 48,45	75-125 %
4401792801	RIDB-2-20.0-20170309-FD	3/9/2017	6010B	7440-47-3	Chromium (total)	42		0.85	1.7	mg/kg	J	fd,m	FD RPD; MS/MSD %R	71; 73,69	50; 75-125 %
4401792801	RIDB-2-20.0-20170309-FD	3/9/2017	6010B	7440-39-3	Barium	37		1.3	2.5	mg/kg	J-	m	MS/MSD %R	-130,-140	75-125 %
4401792801	RIDB-2-30.0-20170309	3/9/2017	6010B	7440-62-2	Vanadium	42		0.76	1.5	mg/kg	J-	m	MS/MSD %R	73,71	75-125 %
4401792801	RIDB-2-30.0-20170309	3/9/2017	6010B	7440-33-7	Tungsten		U	3.8	15	mg/kg	UJ	m	MS/MSD %R	52,49; 48,45	75-125 %
4401792801	RIDB-2-30.0-20170309	3/9/2017	6010B	7440-39-3	Barium	38		1.1	2.3	mg/kg	J-	m	MS/MSD %R	-130,-140	75-125 %
4401792801	RIDB-2-30.0-20170309	3/9/2017	6010B	7440-47-3	Chromium (total)	20		0.76	1.5	mg/kg	J-	m	MS/MSD %R	73,69	75-125 %
4401792801	RIDB-2-30.0-20170309	3/9/2017	6010B	7440-24-6	Strontium	110		3.8	7.6	mg/kg	J	m	MS/MSD %R	151,205; -25,-45	75-125 %
4401792801	RIDB-2-30.0-20170309	3/9/2017	6010B	7440-67-7	Zirconium	43		7.6	7.6	mg/kg	J-	m	MS/MSD %R	76,74	75-125 %
4401792801	RIDB-2-5.0-20170309	3/9/2017	6010B	7440-62-2	Vanadium	39		0.55	1.1	mg/kg	J-	m	MS/MSD %R	73,71	75-125 %
4401792801	RIDB-2-5.0-20170309	3/9/2017	6010B	7440-67-7	Zirconium	20		5.5	5.5	mg/kg	J-	m	MS/MSD %R	76,74	75-125 %
4401792801	RIDB-2-5.0-20170309	3/9/2017	6010B	7440-24-6	Strontium	370		2.8	5.5	mg/kg	J	m	MS/MSD %R	151,205; -25,-45	75-125 %
4401792801	RIDB-2-5.0-20170309	3/9/2017	6010B	7440-47-3	Chromium (total)	13		0.55	1.1	mg/kg	J-	m	MS/MSD %R	73,69	75-125 %
4401792801	RIDB-2-5.0-20170309	3/9/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	52,49; 48,45	75-125 %
4401792801	RIDB-2-5.0-20170309	3/9/2017	6010B	7440-39-3	Barium	100		0.83	1.7	mg/kg	J-	m	MS/MSD %R	-130,-140	75-125 %
4401794191	RIDB-15-1.0-20170310	3/10/2017	6010B	7440-24-6	Strontium	180		2.7	5.4	mg/kg	J+	m	MS/MSD %R	132,174	75-125 %
4401794191	RIDB-15-1.0-20170310	3/10/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	45,48	75-125 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401794191	RIDB-15-1.0-20170310	3/10/2017	6010B	7440-39-3	Barium	180		0.81	1.6	mg/kg	J+	m	MS/MSD %R	132,-	75-125 %
4401794191	RIDB-15-10.0-20170310	3/10/2017	6010B	7440-39-3	Barium	200		0.82	1.6	mg/kg	J+	m	MS/MSD %R	132,-	75-125 %
4401794191	RIDB-15-10.0-20170310	3/10/2017	6010B	7440-24-6	Strontium	360		2.7	5.5	mg/kg	J+	m	MS/MSD %R	132,174	75-125 %
4401794191	RIDB-15-10.0-20170310	3/10/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	45,48	75-125 %
4401794191	RIDB-15-20.0-20170310	3/10/2017	6010B	7440-24-6	Strontium	160		2.6	5.2	mg/kg	J+	m	MS/MSD %R	132,174	75-125 %
4401794191	RIDB-15-20.0-20170310	3/10/2017	6010B	7440-33-7	Tungsten		U	2.6	10	mg/kg	UJ	m	MS/MSD %R	45,48	75-125 %
4401794191	RIDB-15-20.0-20170310	3/10/2017	6010B	7440-39-3	Barium	95		0.78	1.6	mg/kg	J+	m	MS/MSD %R	132,-	75-125 %
4401794191	RIDB-15-30.0-20170310	3/10/2017	6010B	7439-98-7	Molybdenum	1.8	J	1.5	3.0	mg/kg	J	sp	< PQL		
4401794191	RIDB-15-30.0-20170310	3/10/2017	6010B	7440-33-7	Tungsten		U	3.8	15	mg/kg	UJ	m	MS/MSD %R	45,48	75-125 %
4401794191	RIDB-15-30.0-20170310	3/10/2017	6010B	7440-39-3	Barium	91		1.1	2.3	mg/kg	J+	m	MS/MSD %R	132,-	75-125 %
4401794191	RIDB-15-30.0-20170310	3/10/2017	6010B	7440-24-6	Strontium	190		3.8	7.6	mg/kg	J+	m	MS/MSD %R	132,174	75-125 %
4401794191	RIDB-15-5.0-20170310	3/10/2017	6010B	7440-24-6	Strontium	270		2.8	5.5	mg/kg	J+	m	MS/MSD %R	132,174	75-125 %
4401794191	RIDB-15-5.0-20170310	3/10/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	45,48	75-125 %
4401794191	RIDB-15-5.0-20170310	3/10/2017	6010B	7440-39-3	Barium	200		0.83	1.7	mg/kg	J+	m	MS/MSD %R	132,-	75-125 %
4401794191	RIDB-3-0.5-20170310	3/10/2017	6010B	7440-33-7	Tungsten	9.4	J	2.6	10	mg/kg	J-	m,sp	MS/MSD %R; < PQL	46,46	75-125 %
4401794191	RIDB-3-10.0-20170310	3/10/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	46,46	75-125 %
4401794191	RIDB-3-20.0-20170310	3/10/2017	6010B	7440-33-7	Tungsten		U	3.1	12	mg/kg	UJ	m	MS/MSD %R	46,46	75-125 %
4401794191	RIDB-3-30.0-20170310	3/10/2017	6010B	7440-33-7	Tungsten		U	3.7	15	mg/kg	UJ	m	MS/MSD %R	46,46	75-125 %
4401794191	RIDB-3-5.0-20170310	3/10/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	46,46	75-125 %
4401794561	RI-16-10.0-20170312	3/12/2017	6010B	7440-67-7	Zirconium	21		5.3	5.3	mg/kg	J-	m	MS/MSD %R	51,49	75-125 %
4401794561	RI-16-10.0-20170312	3/12/2017	6010B	7440-24-6	Strontium	370		2.7	5.3	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125 %
4401794561	RI-16-10.0-20170312	3/12/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	45,42	75-125 %
4401794561	RI-16-10.0-20170312	3/12/2017	6010B	7440-39-3	Barium	160		0.80	1.6	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125 %
4401794561	RI-16-10.0-20170312	3/12/2017	6010B	7440-42-8	Boron	7.5		2.7	5.3	mg/kg	J-	m	MS/MSD %R	-,74	75-125 %
4401794561	RI-16-10.0-20170312	3/12/2017	6010B	7440-62-2	Vanadium	48		0.53	1.1	mg/kg	J-	m	MS/MSD %R	56,54	75-125 %
4401794561	RI-16-20.0-20170312	3/12/2017	6010B	7440-67-7	Zirconium	17		5.4	5.4	mg/kg	J-	m	MS/MSD %R	51,49	75-125 %
4401794561	RI-16-20.0-20170312	3/12/2017	6010B	7440-42-8	Boron	7.2		2.7	5.4	mg/kg	J-	m	MS/MSD %R	-,74	75-125 %
4401794561	RI-16-20.0-20170312	3/12/2017	6010B	7440-62-2	Vanadium	36		0.54	1.1	mg/kg	J-	m	MS/MSD %R	56,54	75-125 %
4401794561	RI-16-20.0-20170312	3/12/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	45,42	75-125 %
4401794561	RI-16-20.0-20170312	3/12/2017	6010B	7440-39-3	Barium	120		0.81	1.6	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125 %
4401794561	RI-16-20.0-20170312	3/12/2017	6010B	7440-24-6	Strontium	230		2.7	5.4	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125 %
4401794561	RI-16-20.0-20170312	3/12/2017	6010B	7439-98-7	Molybdenum	1.1	J	1.1	2.2	mg/kg	J	sp	< PQL		
4401794561	RI-16-30.0-20170312	3/12/2017	6010B	7440-42-8	Boron	5.2	J	2.8	5.6	mg/kg	J-	m,sp	MS/MSD %R; < PQL	-,74	75-125 %
4401794561	RI-16-30.0-20170312	3/12/2017	6010B	7440-62-2	Vanadium	24		0.56	1.1	mg/kg	J-	m	MS/MSD %R	56,54	75-125 %
4401794561	RI-16-30.0-20170312	3/12/2017	6010B	7440-39-3	Barium	60		0.83	1.7	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125 %
4401794561	RI-16-30.0-20170312	3/12/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	45,42	75-125 %
4401794561	RI-16-30.0-20170312	3/12/2017	6010B	7440-24-6	Strontium	99		2.8	5.6	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125 %
4401794561	RI-16-30.0-20170312	3/12/2017	6010B	7440-67-7	Zirconium	14		5.6	5.6	mg/kg	J-	m	MS/MSD %R	51,49	75-125 %
4401794561	RI-16-5.0-20170312	3/12/2017	6010B	7440-24-6	Strontium	390		2.7	5.4	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125 %
4401794561	RI-16-5.0-20170312	3/12/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	45,42	75-125 %
4401794561	RI-16-5.0-20170312	3/12/2017	6010B	7440-39-3	Barium	190		0.82	1.6	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125 %
4401794561	RI-16-5.0-20170312	3/12/2017	6010B	7440-42-8	Boron	9.6		2.7	5.4	mg/kg	J-	m	MS/MSD %R	-,74	75-125 %
4401794561	RI-16-5.0-20170312	3/12/2017	6010B	7440-62-2	Vanadium	65		0.54	1.1	mg/kg	J-	m	MS/MSD %R	56,54	75-125 %
4401794561	RI-16-5.0-20170312	3/12/2017	6010B	7440-67-7	Zirconium	29		5.4	5.4	mg/kg	J-	m	MS/MSD %R	51,49	75-125 %
4401794561	RI-16-70.0-20170312	3/12/2017	6010B	7440-47-3	Chromium (total)	55		0.85	1.7	mg/kg	J-	m	MS/MSD %R	54,43	75-125 %
4401794561	RIDB-15-80.0-20170311	3/11/2017	6010B	7440-47-3	Chromium (total)	64		0.80	1.6	mg/kg	J	fd	FD RPD	64	50 %
4401794561	RIDB-15-80.0-20170311-FD	3/11/2017	6010B	7440-47-3	Chromium (total)	33		0.81	1.6	mg/kg	J	fd	FD RPD	64	50 %
4401794561	RIDB-5-0.5-20170311	3/11/2017	6010B	7440-67-7	Zirconium	30		5.5	5.5	mg/kg	J-	m	MS/MSD %R	51,49	75-125 %
4401794561	RIDB-5-0.5-20170311	3/11/2017	6010B	7440-39-3	Barium	170		0.82	1.6	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125 %
4401794561	RIDB-5-0.5-20170311	3/11/2017	6010B	7440-42-8	Boron	10		2.7	5.5	mg/kg	J-	m	MS/MSD %R	-,74	75-125 %
4401794561	RIDB-5-0.5-20170311	3/11/2017	6010B	7440-24-6	Strontium	250		2.7	5.5	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125 %
4401794561	RIDB-5-0.5-20170311	3/11/2017	6010B	7440-62-2	Vanadium	65		0.55	1.1	mg/kg	J-	m	MS/MSD %R	56,54	75-125 %
4401794561	RIDB-5-0.5-20170311	3/11/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	45,42	75-125 %
4401794561	RIDB-5-10.0-20170311	3/11/2017	6010B	7440-24-6	Strontium	270		5.6	11	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794561	RIDB-5-10.0-20170311	3/11/2017	6010B	7440-33-7	Tungsten		U	5.6	23	mg/kg	UJ	m	MS/MSD %R	45,42	75-125	%
4401794561	RIDB-5-10.0-20170311	3/11/2017	6010B	7440-39-3	Barium	120		1.7	3.4	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125	%
4401794561	RIDB-5-10.0-20170311	3/11/2017	6010B	7440-48-4	Cobalt	2.2	J	1.1	2.3	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-10.0-20170311	3/11/2017	6010B	7440-67-7	Zirconium	15		11	11	mg/kg	J-	m	MS/MSD %R	51,49	75-125	%
4401794561	RIDB-5-10.0-20170311	3/11/2017	6010B	7439-92-1	Lead	2.7	J	2.3	4.5	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-10.0-20170311	3/11/2017	6010B	7440-42-8	Boron	17		5.6	11	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401794561	RIDB-5-10.0-20170311	3/11/2017	6010B	7440-62-2	Vanadium	47		1.1	2.3	mg/kg	J-	m	MS/MSD %R	56,54	75-125	%
4401794561	RIDB-5-20.0-20170311	3/11/2017	6010B	7440-39-3	Barium	100		0.93	1.9	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125	%
4401794561	RIDB-5-20.0-20170311	3/11/2017	6010B	7440-67-7	Zirconium	25		6.2	6.2	mg/kg	J-	m	MS/MSD %R	51,49	75-125	%
4401794561	RIDB-5-20.0-20170311	3/11/2017	6010B	7440-62-2	Vanadium	30		0.62	1.2	mg/kg	J-	m	MS/MSD %R	56,54	75-125	%
4401794561	RIDB-5-20.0-20170311	3/11/2017	6010B	7440-24-6	Strontium	180		3.1	6.2	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125	%
4401794561	RIDB-5-20.0-20170311	3/11/2017	6010B	7440-33-7	Tungsten		U	3.1	12	mg/kg	UJ	m	MS/MSD %R	45,42	75-125	%
4401794561	RIDB-5-20.0-20170311	3/11/2017	6010B	7440-42-8	Boron	16		3.1	6.2	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401794561	RIDB-5-30.0-20170311	3/11/2017	6010B	7440-67-7	Zirconium	35		8.2	8.2	mg/kg	J-	m	MS/MSD %R	51,49	75-125	%
4401794561	RIDB-5-30.0-20170311	3/11/2017	6010B	7440-42-8	Boron	69		4.1	8.2	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401794561	RIDB-5-30.0-20170311	3/11/2017	6010B	7440-62-2	Vanadium	28		0.82	1.6	mg/kg	J-	m	MS/MSD %R	56,54	75-125	%
4401794561	RIDB-5-30.0-20170311	3/11/2017	6010B	7440-24-6	Strontium	160		4.1	8.2	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125	%
4401794561	RIDB-5-30.0-20170311	3/11/2017	6010B	7440-33-7	Tungsten		U	4.1	16	mg/kg	UJ	m	MS/MSD %R	45,42	75-125	%
4401794561	RIDB-5-30.0-20170311	3/11/2017	6010B	7440-39-3	Barium	35		1.2	2.5	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125	%
4401794561	RIDB-5-5.0-20170311	3/11/2017	6010B	7440-39-3	Barium	150		0.80	1.6	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125	%
4401794561	RIDB-5-5.0-20170311	3/11/2017	6010B	7440-24-6	Strontium	200		2.7	5.3	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125	%
4401794561	RIDB-5-5.0-20170311	3/11/2017	6010B	7440-67-7	Zirconium	23		5.3	5.3	mg/kg	J-	m	MS/MSD %R	51,49	75-125	%
4401794561	RIDB-5-5.0-20170311	3/11/2017	6010B	7440-42-8	Boron	11		2.7	5.3	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401794561	RIDB-5-5.0-20170311	3/11/2017	6010B	7440-62-2	Vanadium	54		0.53	1.1	mg/kg	J-	m	MS/MSD %R	56,54	75-125	%
4401794561	RIDB-5-5.0-20170311	3/11/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	45,42	75-125	%
4401794561	RIDB-5-5.0-20170311-FD	3/11/2017	6010B	7440-62-2	Vanadium	56	F1	0.54	1.1	mg/kg	J-	m	MS/MSD %R	56,54	75-125	%
4401794561	RIDB-5-5.0-20170311-FD	3/11/2017	6010B	7440-33-7	Tungsten		UF1	2.7	11	mg/kg	UJ	m	MS/MSD %R	45,42	75-125	%
4401794561	RIDB-5-5.0-20170311-FD	3/11/2017	6010B	7440-39-3	Barium	120	F1	0.80	1.6	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125	%
4401794561	RIDB-5-5.0-20170311-FD	3/11/2017	6010B	7440-24-6	Strontium	200	F1	2.7	5.4	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125	%
4401794561	RIDB-5-5.0-20170311-FD	3/11/2017	6010B	7440-42-8	Boron	12	F1	2.7	5.4	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401794561	RIDB-5-5.0-20170311-FD	3/11/2017	6010B	7440-67-7	Zirconium	24	F1	5.4	5.4	mg/kg	J-	m	MS/MSD %R	51,49	75-125	%
4401794561	RIDB-7-0.5-20170312	3/12/2017	6010B	7440-67-7	Zirconium	23		5.4	5.4	mg/kg	J-	m	MS/MSD %R	51,49	75-125	%
4401794561	RIDB-7-0.5-20170312	3/12/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	45,42	75-125	%
4401794561	RIDB-7-0.5-20170312	3/12/2017	6010B	7440-39-3	Barium	160		0.81	1.6	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125	%
4401794561	RIDB-7-0.5-20170312	3/12/2017	6010B	7440-62-2	Vanadium	52		0.54	1.1	mg/kg	J-	m	MS/MSD %R	56,54	75-125	%
4401794561	RIDB-7-0.5-20170312	3/12/2017	6010B	7440-24-6	Strontium	230		2.7	5.4	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125	%
4401794561	RIDB-7-0.5-20170312	3/12/2017	6010B	7440-42-8	Boron	9.8		2.7	5.4	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401794561	RIDB-7-0.5-20170312-FD	3/12/2017	6010B	7440-62-2	Vanadium	45		0.53	1.1	mg/kg	J-	m	MS/MSD %R	56,54	75-125	%
4401794561	RIDB-7-0.5-20170312-FD	3/12/2017	6010B	7440-42-8	Boron	8.3		2.7	5.3	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401794561	RIDB-7-0.5-20170312-FD	3/12/2017	6010B	7440-67-7	Zirconium	22		5.3	5.3	mg/kg	J-	m	MS/MSD %R	51,49	75-125	%
4401794561	RIDB-7-0.5-20170312-FD	3/12/2017	6010B	7440-39-3	Barium	150		0.80	1.6	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125	%
4401794561	RIDB-7-0.5-20170312-FD	3/12/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	45,42	75-125	%
4401794561	RIDB-7-0.5-20170312-FD	3/12/2017	6010B	7440-24-6	Strontium	230		2.7	5.3	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125	%
4401794561	RIDB-7-10.0-20170312	3/12/2017	6010B	7440-62-2	Vanadium	43		0.55	1.1	mg/kg	J-	m	MS/MSD %R	56,54	75-125	%
4401794561	RIDB-7-10.0-20170312	3/12/2017	6010B	7440-42-8	Boron	13		2.7	5.5	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401794561	RIDB-7-10.0-20170312	3/12/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	45,42	75-125	%
4401794561	RIDB-7-10.0-20170312	3/12/2017	6010B	7440-39-3	Barium	96		0.82	1.6	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125	%
4401794561	RIDB-7-10.0-20170312	3/12/2017	6010B	7440-24-6	Strontium	330		2.7	5.5	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125	%
4401794561	RIDB-7-10.0-20170312	3/12/2017	6010B	7440-67-7	Zirconium	19		5.5	5.5	mg/kg	J-	m	MS/MSD %R	51,49	75-125	%
4401794561	RIDB-7-20.0-20170312	3/12/2017	6010B	7440-42-8	Boron	18		3.4	6.7	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401794561	RIDB-7-20.0-20170312	3/12/2017	6010B	7440-62-2	Vanadium	41		0.67	1.3	mg/kg	J-	m	MS/MSD %R	56,54	75-125	%
4401794561	RIDB-7-20.0-20170312	3/12/2017	6010B	7440-67-7	Zirconium	29		6.7	6.7	mg/kg	J-	m	MS/MSD %R	51,49	75-125	%
4401794561	RIDB-7-20.0-20170312	3/12/2017	6010B	7440-39-3	Barium	47		1.0	2.0	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125	%
4401794561	RIDB-7-20.0-20170312	3/12/2017	6010B	7440-33-7	Tungsten		U	3.4	13	mg/kg	UJ	m	MS/MSD %R	45,42	75-125	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794561	RIDB-7-20.0-20170312	3/12/2017	6010B	7440-24-6	Strontium	150		3.4	6.7	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125	%
4401794561	RIDB-7-30.0-20170312	3/12/2017	6010B	7440-67-7	Zirconium	51		9.2	9.2	mg/kg	J-	m	MS/MSD %R	51,49	75-125	%
4401794561	RIDB-7-30.0-20170312	3/12/2017	6010B	7440-42-8	Boron	28		4.6	9.2	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401794561	RIDB-7-30.0-20170312	3/12/2017	6010B	7440-24-6	Strontium	190		4.6	9.2	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125	%
4401794561	RIDB-7-30.0-20170312	3/12/2017	6010B	7440-39-3	Barium	68		1.4	2.8	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125	%
4401794561	RIDB-7-30.0-20170312	3/12/2017	6010B	7440-33-7	Tungsten		U	4.6	18	mg/kg	UJ	m	MS/MSD %R	45,42	75-125	%
4401794561	RIDB-7-30.0-20170312	3/12/2017	6010B	7440-62-2	Vanadium	37		0.92	1.8	mg/kg	J-	m	MS/MSD %R	56,54	75-125	%
4401794561	RIDB-7-5.0-20170312	3/12/2017	6010B	7440-67-7	Zirconium	25		5.4	5.4	mg/kg	J-	m	MS/MSD %R	51,49	75-125	%
4401794561	RIDB-7-5.0-20170312	3/12/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	45,42	75-125	%
4401794561	RIDB-7-5.0-20170312	3/12/2017	6010B	7440-39-3	Barium	170		0.81	1.6	mg/kg	J-	m	MS/MSD %R	-34,-35	75-125	%
4401794561	RIDB-7-5.0-20170312	3/12/2017	6010B	7440-42-8	Boron	12		2.7	5.4	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401794561	RIDB-7-5.0-20170312	3/12/2017	6010B	7440-62-2	Vanadium	57		0.54	1.1	mg/kg	J-	m	MS/MSD %R	56,54	75-125	%
4401794561	RIDB-7-5.0-20170312	3/12/2017	6010B	7440-24-6	Strontium	320		2.7	5.4	mg/kg	J-	m	MS/MSD %R	-220,-222	75-125	%
4401794561	RIDB-7-50.0-20170312	3/12/2017	6010B	7440-47-3	Chromium (total)	58	F1	0.80	1.6	mg/kg	J-	m	MS/MSD %R	54,43	75-125	%
4401794561	RIDB-7-80.0-20170312	3/12/2017	6010B	7440-47-3	Chromium (total)	18		3.6	7.2	mg/kg	J-	m	MS/MSD %R	54,43	75-125	%
4401794561	RIDB-7-90.0-20170312	3/12/2017	6010B	7440-47-3	Chromium (total)	42		4.1	8.2	mg/kg	J-	m	MS/MSD %R	54,43	75-125	%
4401796371	RIDB-18-1.0-20170314	3/14/2017	6010B	7439-96-5	Manganese	460	F2	1.1	2.1	mg/kg	J	ld	MS/MSD RPD	29	20	%
4401796371	RIDB-18-1.0-20170314	3/14/2017	6010B	7440-24-6	Strontium	160	F1	2.7	5.4	mg/kg	J+	m	MS/MSD %R	149,-	75-125	%
4401796371	RIDB-18-1.0-20170314	3/14/2017	6010B	7440-39-3	Barium	200	F1	0.81	1.6	mg/kg	J	m	MS/MSD %R	140,46	75-125	%
4401796371	RIDB-18-1.0-20170314	3/14/2017	6010B	7440-33-7	Tungsten		UF1	2.7	11	mg/kg	UJ	m	MS/MSD %R	63,64	75-125	%
4401796371	RIDB-18-10.0-20170314	3/14/2017	6010B	7439-96-5	Manganese	330		1.1	2.2	mg/kg	J	ld	MS/MSD RPD	29	20	%
4401796371	RIDB-18-10.0-20170314	3/14/2017	6010B	7440-24-6	Strontium	350		2.8	5.5	mg/kg	J+	m	MS/MSD %R	149,-	75-125	%
4401796371	RIDB-18-10.0-20170314	3/14/2017	6010B	7440-39-3	Barium	180		0.83	1.7	mg/kg	J	m	MS/MSD %R	140,46	75-125	%
4401796371	RIDB-18-10.0-20170314	3/14/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	63,64	75-125	%
4401796371	RIDB-18-10.0-20170314-EB	3/14/2017	6010B	7439-95-4	Magnesium	17	J	10	20	ug/l	J	sp	< PQL			
4401796371	RIDB-18-20.0-20170314	3/14/2017	6010B	7439-96-5	Manganese	190		1.1	2.2	mg/kg	J	ld	MS/MSD RPD	29	20	%
4401796371	RIDB-18-20.0-20170314	3/14/2017	6010B	7440-24-6	Strontium	460		2.8	5.5	mg/kg	J+	m	MS/MSD %R	149,-	75-125	%
4401796371	RIDB-18-20.0-20170314	3/14/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	63,64	75-125	%
4401796371	RIDB-18-20.0-20170314	3/14/2017	6010B	7440-39-3	Barium	160		0.83	1.7	mg/kg	J	m	MS/MSD %R	140,46	75-125	%
4401796371	RIDB-18-30.0-20170314	3/14/2017	6010B	7440-39-3	Barium	36		1.2	2.4	mg/kg	J	m	MS/MSD %R	140,46	75-125	%
4401796371	RIDB-18-30.0-20170314	3/14/2017	6010B	7439-96-5	Manganese	240		1.6	3.2	mg/kg	J	ld	MS/MSD RPD	29	20	%
4401796371	RIDB-18-30.0-20170314	3/14/2017	6010B	7440-33-7	Tungsten		U	4.0	16	mg/kg	UJ	m	MS/MSD %R	63,64	75-125	%
4401796371	RIDB-18-30.0-20170314	3/14/2017	6010B	7440-24-6	Strontium	140		4.0	8.0	mg/kg	J+	m	MS/MSD %R	149,-	75-125	%
4401796371	RIDB-18-30.0-20170314-FD	3/14/2017	6010B	7440-33-7	Tungsten		U	4.2	17	mg/kg	UJ	m	MS/MSD %R	63,64	75-125	%
4401796371	RIDB-18-30.0-20170314-FD	3/14/2017	6010B	7440-39-3	Barium	37		1.3	2.5	mg/kg	J	m	MS/MSD %R	140,46	75-125	%
4401796371	RIDB-18-30.0-20170314-FD	3/14/2017	6010B	7440-24-6	Strontium	130		4.2	8.4	mg/kg	J+	m	MS/MSD %R	149,-	75-125	%
4401796371	RIDB-18-30.0-20170314-FD	3/14/2017	6010B	7439-96-5	Manganese	270		1.7	3.4	mg/kg	J	ld	MS/MSD RPD	29	20	%
4401796371	RIDB-18-5.0-20170314	3/14/2017	6010B	7439-96-5	Manganese	370		1.1	2.2	mg/kg	J	ld	MS/MSD RPD	29	20	%
4401796371	RIDB-18-5.0-20170314	3/14/2017	6010B	7440-39-3	Barium	210		0.82	1.6	mg/kg	J	m	MS/MSD %R	140,46	75-125	%
4401796371	RIDB-18-5.0-20170314	3/14/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	63,64	75-125	%
4401796371	RIDB-18-5.0-20170314	3/14/2017	6010B	7440-24-6	Strontium	190		2.7	5.4	mg/kg	J+	m	MS/MSD %R	149,-	75-125	%
4401801931	RIDB-11-20.0-20170320	3/20/2017	6010B	7440-39-3	Barium	94		0.79	1.6	mg/kg	J+	m	MS/MSD %R	126,-	75-125	%
4401801931	RIDB-11-20.0-20170320	3/20/2017	6010B	7440-24-6	Strontium	240		2.6	5.2	mg/kg	J+	m	MS/MSD %R	133,-	75-125	%
4401801931	RIDB-11-20.0-20170320	3/20/2017	6010B	7440-33-7	Tungsten		U	2.6	10	mg/kg	UJ	m	MS/MSD %R	50,49	75-125	%
4401801931	RIDB-11-30.0-20170321	3/21/2017	6010B	7440-33-7	Tungsten		U	3.8	15	mg/kg	UJ	m	MS/MSD %R	50,49	75-125	%
4401801931	RIDB-11-30.0-20170321	3/21/2017	6010B	7440-39-3	Barium	79		1.1	2.3	mg/kg	J+	m	MS/MSD %R	126,-	75-125	%
4401801931	RIDB-11-30.0-20170321	3/21/2017	6010B	7440-24-6	Strontium	150		3.8	7.7	mg/kg	J+	m	MS/MSD %R	133,-	75-125	%
4401801931	RIDB-27-1.0-20170321	3/21/2017	6010B	7440-33-7	Tungsten		U	3.6	15	mg/kg	UJ	m	MS/MSD %R	50,49	75-125	%
4401801931	RIDB-27-1.0-20170321	3/21/2017	6010B	7440-39-3	Barium	66		1.1	2.2	mg/kg	J+	m	MS/MSD %R	126,-	75-125	%
4401801931	RIDB-27-1.0-20170321	3/21/2017	6010B	7440-24-6	Strontium	150		3.6	7.3	mg/kg	J+	m	MS/MSD %R	133,-	75-125	%
4401803311	RIDB-12-1.0-20170321	3/21/2017	6010B	7439-98-7	Molybdenum	1.4	J	1.1	2.1	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-10.0-20170322	3/22/2017	6010B	7439-98-7	Molybdenum	1.6	J	1.1	2.1	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-5.0-20170321	3/21/2017	6010B	7440-43-9	Cadmium	0.41	J	0.27	0.53	mg/kg	J	sp	< PQL			
4401803311	RIDB-27-30.0-20170321	3/21/2017	6010B	7440-33-7	Tungsten		UF1	3.0	12	mg/kg	UJ	m	MS/MSD %R	60,65	75-125	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401803311	RIDB-27-30.0-20170321	3/21/2017	6010B	7440-62-2	Vanadium	61		0.61	1.2	mg/kg	J	sd	Serial dilution %D	11	10	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	6010B	7723-14-0	Phosphorus (total)	620		3.0	6.1	mg/kg	J	sd	Serial dilution %D	11	10	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	6010B	7440-24-6	Strontium	230	F1	3.0	6.1	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	161,138; 11	75-125; 10	%
4401804391	RIDB-25-1.0-20170323	3/23/2017	6010B	7440-24-6	Strontium	85		13	26	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	161,138; 11	75-125; 10	%
4401804391	RIDB-25-1.0-20170323	3/23/2017	6010B	7440-33-7	Tungsten		U	13	51	mg/kg	UJ	m	MS/MSD %R	60,65	75-125	%
4401804391	RIDB-25-1.0-20170323	3/23/2017	6010B	7440-42-8	Boron	19	J	13	26	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-1.0-20170323	3/23/2017	6010B	7440-62-2	Vanadium	9.5		2.6	5.1	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-25-1.0-20170323	3/23/2017	6010B	7723-14-0	Phosphorus (total)	350		13	26	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-25-10.0-20170323	3/23/2017	6010B	7440-62-2	Vanadium	54		0.53	1.1	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-25-10.0-20170323	3/23/2017	6010B	7723-14-0	Phosphorus (total)	1300		2.7	5.3	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-25-10.0-20170323	3/23/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,65	75-125	%
4401804391	RIDB-25-10.0-20170323	3/23/2017	6010B	7440-24-6	Strontium	270		2.7	5.3	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	161,138; 11	75-125; 10	%
4401804391	RIDB-25-20.0-20170323	3/23/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,65	75-125	%
4401804391	RIDB-25-20.0-20170323	3/23/2017	6010B	7440-24-6	Strontium	390		2.7	5.4	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	161,138; 11	75-125; 10	%
4401804391	RIDB-25-20.0-20170323	3/23/2017	6010B	7440-62-2	Vanadium	43		0.54	1.1	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-25-20.0-20170323	3/23/2017	6010B	7439-98-7	Molybdenum	1.7	J	1.1	2.2	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-20.0-20170323	3/23/2017	6010B	7723-14-0	Phosphorus (total)	810		2.7	5.4	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-25-30.0-20170323	3/23/2017	6010B	7439-98-7	Molybdenum	1.5	J	1.5	3.1	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-30.0-20170323	3/23/2017	6010B	7440-24-6	Strontium	160		3.9	7.7	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	161,138; 11	75-125; 10	%
4401804391	RIDB-25-30.0-20170323	3/23/2017	6010B	7723-14-0	Phosphorus (total)	900		3.9	7.7	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-25-30.0-20170323	3/23/2017	6010B	7440-33-7	Tungsten		U	3.9	15	mg/kg	UJ	m	MS/MSD %R	60,65	75-125	%
4401804391	RIDB-25-30.0-20170323	3/23/2017	6010B	7440-62-2	Vanadium	44		0.77	1.5	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-25-5.0-20170323	3/23/2017	6010B	7440-62-2	Vanadium	63		0.54	1.1	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-25-5.0-20170323	3/23/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,65	75-125	%
4401804391	RIDB-25-5.0-20170323	3/23/2017	6010B	7723-14-0	Phosphorus (total)	1100		2.7	5.4	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-25-5.0-20170323	3/23/2017	6010B	7440-24-6	Strontium	340		2.7	5.4	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	161,138; 11	75-125; 10	%
4401804391	RIDB-28-1.0-20170322	3/22/2017	6010B	7440-33-7	Tungsten		U	2.6	11	mg/kg	UJ	m	MS/MSD %R	60,65	75-125	%
4401804391	RIDB-28-1.0-20170322	3/22/2017	6010B	7723-14-0	Phosphorus (total)	1400		2.6	5.3	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-28-1.0-20170322	3/22/2017	6010B	7440-24-6	Strontium	210		2.6	5.3	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	161,138; 11	75-125; 10	%
4401804391	RIDB-28-1.0-20170322	3/22/2017	6010B	7440-62-2	Vanadium	63		0.53	1.1	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-28-10.0-20170323	3/23/2017	6010B	7440-43-9	Cadmium	0.35	J	0.27	0.54	mg/kg	J	sp	< PQL			
4401804391	RIDB-28-10.0-20170323	3/23/2017	6010B	7440-24-6	Strontium	200		2.7	5.4	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	161,138; 11	75-125; 10	%
4401804391	RIDB-28-10.0-20170323	3/23/2017	6010B	7723-14-0	Phosphorus (total)	1400		2.7	5.4	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-28-10.0-20170323	3/23/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,65	75-125	%
4401804391	RIDB-28-10.0-20170323	3/23/2017	6010B	7440-62-2	Vanadium	63		0.54	1.1	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-28-10.0-20170323-FD	3/23/2017	6010B	7440-62-2	Vanadium	56		0.53	1.1	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-28-10.0-20170323-FD	3/23/2017	6010B	7723-14-0	Phosphorus (total)	1200		2.7	5.3	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-28-10.0-20170323-FD	3/23/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,65	75-125	%
4401804391	RIDB-28-10.0-20170323-FD	3/23/2017	6010B	7440-24-6	Strontium	210		2.7	5.3	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	161,138; 11	75-125; 10	%
4401804391	RIDB-28-20.0-20170323	3/23/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,65	75-125	%
4401804391	RIDB-28-20.0-20170323	3/23/2017	6010B	7723-14-0	Phosphorus (total)	910		2.7	5.5	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-28-20.0-20170323	3/23/2017	6010B	7440-24-6	Strontium	340		2.7	5.5	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	161,138; 11	75-125; 10	%
4401804391	RIDB-28-20.0-20170323	3/23/2017	6010B	7440-62-2	Vanadium	66		0.55	1.1	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-28-30.0-20170323	3/23/2017	6010B	7440-33-7	Tungsten		U	2.6	10	mg/kg	UJ	m	MS/MSD %R	60,65	75-125	%
4401804391	RIDB-28-30.0-20170323	3/23/2017	6010B	7440-24-6	Strontium	1700		5.2	10	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	161,138; 11	75-125; 10	%
4401804391	RIDB-28-30.0-20170323	3/23/2017	6010B	7723-14-0	Phosphorus (total)	1200		2.6	5.2	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-28-30.0-20170323	3/23/2017	6010B	7440-62-2	Vanadium	56		0.52	1.0	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-28-5.0-20170322	3/22/2017	6010B	7440-24-6	Strontium	250		2.7	5.4	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	161,138; 11	75-125; 10	%
4401804391	RIDB-28-5.0-20170322	3/22/2017	6010B	7723-14-0	Phosphorus (total)	1400		2.7	5.4	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-28-5.0-20170322	3/22/2017	6010B	7440-62-2	Vanadium	62		0.54	1.1	mg/kg	J	sd	Serial dilution %D	11	10	%
4401804391	RIDB-28-5.0-20170322	3/22/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,65	75-125	%
4401805931	RIDB-24-1.0-20170323	3/23/2017	6010B	7440-50-8	Copper	5.5	J	5.0	10	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-1.0-20170323	3/23/2017	6010B	7723-14-0	Phosphorus (total)	160	F1	13	25	mg/kg	J-	m	MS/MSD %R	52,-	75-125	%
4401805931	RIDB-24-1.0-20170323	3/23/2017	6010B	7440-47-3	Chromium (total)	3.4	J	2.5	5.0	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401805931	RIDB-24-10.0-20170324	3/24/2017	6010B	7723-14-0	Phosphorus (total)	1100		2.6	5.2	mg/kg	J-	m	MS/MSD %R	52,-	75-125 %
4401805931	RIDB-24-20.0-20170324	3/24/2017	6010B	7723-14-0	Phosphorus (total)	750		2.7	5.4	mg/kg	J-	m	MS/MSD %R	52,-	75-125 %
4401805931	RIDB-24-30.0-20170324	3/24/2017	6010B	7723-14-0	Phosphorus (total)	490		2.6	5.3	mg/kg	J-	m	MS/MSD %R	52,-	75-125 %
4401805931	RIDB-24-5.0-20170323	3/23/2017	6010B	7723-14-0	Phosphorus (total)	1000		2.7	5.4	mg/kg	J-	m	MS/MSD %R	52,-	75-125 %
4401805931	RIDB-26-1.0-20170323	3/23/2017	6010B	7440-47-3	Chromium (total)	3.5	J	2.5	5.1	mg/kg	J	sp	< PQL		
4401805931	RIDB-26-1.0-20170323	3/23/2017	6010B	7440-50-8	Copper	6.0	J	5.1	10	mg/kg	J	sp	< PQL		
4401805931	RIDB-26-1.0-20170323	3/23/2017	6010B	7440-62-2	Vanadium	4.3	J	2.5	5.1	mg/kg	J	sp	< PQL		
4401805931	RIDB-26-1.0-20170323	3/23/2017	6010B	7723-14-0	Phosphorus (total)	140		13	25	mg/kg	J-	m	MS/MSD %R	52,-	75-125 %
4401805931	RIDB-26-10.0-20170324	3/24/2017	6010B	7723-14-0	Phosphorus (total)	1100		2.8	5.6	mg/kg	J-	m	MS/MSD %R	52,-	75-125 %
4401805931	RIDB-26-20.0-20170324	3/24/2017	6010B	7723-14-0	Phosphorus (total)	970		2.7	5.3	mg/kg	J-	m	MS/MSD %R	52,-	75-125 %
4401805931	RIDB-26-30.0-20170324	3/24/2017	6010B	7723-14-0	Phosphorus (total)	750		3.9	7.8	mg/kg	J-	m	MS/MSD %R	52,-	75-125 %
4401805931	RIDB-26-5.0-20170323	3/23/2017	6010B	7723-14-0	Phosphorus (total)	1100		2.8	5.6	mg/kg	J-	m	MS/MSD %R	52,-	75-125 %
4401806961	RIDB-22-1.0-20170327	3/27/2017	6010B	7440-47-3	Chromium (total)	4.2	J	2.5	5.0	mg/kg	J	sp	< PQL		
4401806961	RIDB-22-1.0-20170327	3/27/2017	6010B	7440-50-8	Copper	5.9	J	5.0	10	mg/kg	J	sp	< PQL		
4401806961	RIDB-22-1.0-20170327-FD	3/27/2017	6010B	7440-47-3	Chromium (total)	3.5	J	2.5	5.1	mg/kg	J	sp	< PQL		
4401806961	RIDB-22-5.0-20170327	3/27/2017	6010B	7440-47-3	Chromium (total)	4.3	J	2.5	5.1	mg/kg	J	sp	< PQL		
4401808191	RIDB-21-1.0-20170328	3/28/2017	6010B	7440-39-3	Barium	15	F1	3.7	7.5	mg/kg	J+	m	MS/MSD %R	128,135	75-125 %
4401808191	RIDB-21-1.0-20170328	3/28/2017	6010B	7439-96-5	Manganese	120	F1	5.0	10	mg/kg	J+	m	MS/MSD %R	-,140	75-125 %
4401808191	RIDB-21-10.0-20170328	3/28/2017	6010B	7439-92-1	Lead	3.6	J	2.1	4.2	mg/kg	J	sp	< PQL		
4401808191	RIDB-21-10.0-20170328	3/28/2017	6010B	7439-96-5	Manganese	150		2.1	4.2	mg/kg	J+	m	MS/MSD %R	-,140	75-125 %
4401808191	RIDB-21-10.0-20170328	3/28/2017	6010B	7440-39-3	Barium	56		1.6	3.2	mg/kg	J+	m	MS/MSD %R	128,135	75-125 %
4401808191	RIDB-21-20.0-20170328	3/28/2017	6010B	7439-96-5	Manganese	240		1.3	2.7	mg/kg	J+	m	MS/MSD %R	-,140	75-125 %
4401808191	RIDB-21-20.0-20170328	3/28/2017	6010B	7440-39-3	Barium	90		1.0	2.0	mg/kg	J+	m	MS/MSD %R	128,135	75-125 %
4401808191	RIDB-21-30.0-20170328	3/28/2017	6010B	7440-39-3	Barium	39		1.2	2.5	mg/kg	J+	m	MS/MSD %R	128,135	75-125 %
4401808191	RIDB-21-30.0-20170328	3/28/2017	6010B	7439-96-5	Manganese	300		1.7	3.3	mg/kg	J+	m	MS/MSD %R	-,140	75-125 %
4401808191	RIDB-21-5.0-20170328	3/28/2017	6010B	7440-62-2	Vanadium	3.5	J	2.6	5.2	mg/kg	J	sp	< PQL		
4401808191	RIDB-21-5.0-20170328	3/28/2017	6010B	7440-47-3	Chromium (total)	2.6	J	2.6	5.2	mg/kg	J	sp	< PQL		
4401808191	RIDB-21-5.0-20170328	3/28/2017	6010B	7440-39-3	Barium	4.9	J	3.9	7.8	mg/kg	J+	m,sp	MS/MSD %R; < PQL	128,135	75-125 %
4401808191	RIDB-21-5.0-20170328	3/28/2017	6010B	7439-96-5	Manganese	52		5.2	10	mg/kg	J+	m	MS/MSD %R	-,140	75-125 %
4401812001	RIDB-23-1.0-20170403	4/3/2017	6010B	7440-39-3	Barium	5.0	JF1	3.7	7.5	mg/kg	J+	m,sp	MS/MSD %R; < PQL	-,128	75-125 %
4401812001	RIDB-23-1.0-20170403	4/3/2017	6010B	7440-47-3	Chromium (total)	3.6	J	2.5	5.0	mg/kg	J	sp	< PQL		
4401812001	RIDB-23-1.0-20170403	4/3/2017	6010B	7440-62-2	Vanadium	3.6	J	2.5	5.0	mg/kg	J	sp	< PQL		
4401812001	RIDB-23-1.0-20170403	4/3/2017	6010B	7439-92-1	Lead		U	5.0	10	mg/kg	UJ	c	Calibration %R	68	70-130 %
4401812001	RIDB-23-10.0-20170403	4/3/2017	6010B	7440-39-3	Barium	140		0.78	1.6	mg/kg	J+	m	MS/MSD %R	-,128	75-125 %
4401812001	RIDB-23-20.0-20170403	4/3/2017	6010B	7440-39-3	Barium	68		1.2	2.3	mg/kg	J+	m	MS/MSD %R	-,128	75-125 %
4401812001	RIDB-23-5.0-20170403	4/3/2017	6010B	7440-62-2	Vanadium	3.1	J	2.5	5.1	mg/kg	J	sp	< PQL		
4401812001	RIDB-23-5.0-20170403	4/3/2017	6010B	7440-47-3	Chromium (total)	2.9	J	2.5	5.1	mg/kg	J	sp	< PQL		
4401812001	RIDB-23-5.0-20170403	4/3/2017	6010B	7439-92-1	Lead		U	5.1	10	mg/kg	UJ	c	Calibration %R	68	70-130 %
4401812001	RIDB-23-5.0-20170403	4/3/2017	6010B	7440-39-3	Barium	6.0	J	3.8	7.6	mg/kg	J+	m,sp	MS/MSD %R; < PQL	-,128	75-125 %
4401812971	RIDB-23-30.0-20170404	4/4/2017	6010B	7440-39-3	Barium	42		1.3	2.5	mg/kg	J+	m	MS/MSD %R	-,128	75-125 %
4401814201	RI-5-10.0-20170405	4/5/2017	6010B	7440-39-3	Barium	52		1.0	2.0	mg/kg	J	ld	MS/MSD RPD	25	20 %
4401814201	RI-5-10.0-20170405	4/5/2017	6010B	7440-33-7	Tungsten		U	3.4	13	mg/kg	UJ	m	MS/MSD %R	56,58	75-125 %
4401814201	RI-5-20.0-20170405	4/5/2017	6010B	7440-39-3	Barium	190		1.2	2.4	mg/kg	J	ld	MS/MSD RPD	25	20 %
4401814201	RI-5-20.0-20170405	4/5/2017	6010B	7440-33-7	Tungsten		U	4.0	16	mg/kg	UJ	m	MS/MSD %R	56,58	75-125 %
4401814201	RI-5-30.0-20170405	4/5/2017	6010B	7440-33-7	Tungsten		U	3.8	15	mg/kg	UJ	m	MS/MSD %R	56,58	75-125 %
4401814201	RI-5-30.0-20170405	4/5/2017	6010B	7440-39-3	Barium	160		1.1	2.3	mg/kg	J	ld	MS/MSD RPD	25	20 %
4401814201	RI-5-40.0-20170405	4/5/2017	6010B	7440-47-3	Chromium (total)	28		0.72	1.4	mg/kg	J	fd	FD RPD	97	50 %
4401814201	RI-5-40.0-20170405-FD	4/5/2017	6010B	7440-47-3	Chromium (total)	81		0.88	1.8	mg/kg	J	fd	FD RPD	97	50 %
4401814201	RI-5-5.0-20170404	4/4/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	56,58	75-125 %
4401814201	RI-5-5.0-20170404	4/4/2017	6010B	7440-39-3	Barium	79		0.82	1.6	mg/kg	J	ld	MS/MSD RPD	25	20 %
4401817161	RI-7-10.0-20170408	4/8/2017	6010B	7440-39-3	Barium	180		0.80	1.6	mg/kg	J	m,ld	MS/MSD %R, RPD	52,154; 21	75-125; 20 %
4401817161	RI-7-10.0-20170408	4/8/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	48,45	75-125 %
4401817161	RI-7-10.0-20170408	4/8/2017	6010B	7440-24-6	Strontium	350		2.7	5.3	mg/kg	J-	m	MS/MSD %R	-,74	75-125 %
4401817161	RI-7-20.0-20170408	4/8/2017	6010B	7440-24-6	Strontium	310		2.7	5.4	mg/kg	J-	m	MS/MSD %R	-,74	75-125 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401817161	RI-7-20.0-20170408	4/8/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	48,45	75-125 %
4401817161	RI-7-20.0-20170408	4/8/2017	6010B	7440-39-3	Barium	130		0.81	1.6	mg/kg	J	m,ld	MS/MSD %R, RPD	52,154; 21	75-125; 20 %
4401817161	RI-7-20.0-20170408-FD	4/8/2017	6010B	7440-24-6	Strontium	340		2.8	5.5	mg/kg	J-	m	MS/MSD %R	-,74	75-125 %
4401817161	RI-7-20.0-20170408-FD	4/8/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	48,45	75-125 %
4401817161	RI-7-20.0-20170408-FD	4/8/2017	6010B	7440-39-3	Barium	150		0.83	1.7	mg/kg	J	m,ld	MS/MSD %R, RPD	52,154; 21	75-125; 20 %
4401817161	RI-7-30.0-20170408	4/8/2017	6010B	7440-24-6	Strontium	120		4.1	8.2	mg/kg	J-	m	MS/MSD %R	-,74	75-125 %
4401817161	RI-7-30.0-20170408	4/8/2017	6010B	7440-39-3	Barium	55		1.2	2.5	mg/kg	J	m,ld	MS/MSD %R, RPD	52,154; 21	75-125; 20 %
4401817161	RI-7-30.0-20170408	4/8/2017	6010B	7440-33-7	Tungsten		U	4.1	16	mg/kg	UJ	m	MS/MSD %R	48,45	75-125 %
4401817161	RI-7-5.0-20170408	4/8/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	48,45	75-125 %
4401817161	RI-7-5.0-20170408	4/8/2017	6010B	7440-39-3	Barium	180		0.81	1.6	mg/kg	J	m,ld	MS/MSD %R, RPD	52,154; 21	75-125; 20 %
4401817161	RI-7-5.0-20170408	4/8/2017	6010B	7440-24-6	Strontium	180		2.7	5.4	mg/kg	J-	m	MS/MSD %R	-,74	75-125 %
4401817221	RI-10-10.0-20170409	4/9/2017	6010B	7439-98-7	Molybdenum	1.1	J	1.0	2.1	mg/kg	J	sp	< PQL		
4401817221	RI-10-10.0-20170409	4/9/2017	6010B	7440-33-7	Tungsten		U	2.6	10	mg/kg	UJ	m	MS/MSD %R	47,45	75-125 %
4401817221	RI-10-10.0-20170409	4/9/2017	6010B	7440-39-3	Barium	150		0.78	1.6	mg/kg	J+	m	MS/MSD %R	340,418	75-125 %
4401817221	RI-10-5.0-20170409	4/9/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	47,45	75-125 %
4401817221	RI-10-5.0-20170409	4/9/2017	6010B	7440-39-3	Barium	200		0.80	1.6	mg/kg	J+	m	MS/MSD %R	340,418	75-125 %
4401817221	RI-10-5.0-20170409	4/9/2017	6010B	7439-98-7	Molybdenum	1.1	J	1.1	2.1	mg/kg	J	sp	< PQL		
4401817221	RI-9-10.0-20170408	4/8/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	47,45	75-125 %
4401817221	RI-9-10.0-20170408	4/8/2017	6010B	7440-39-3	Barium	200		0.82	1.6	mg/kg	J+	m	MS/MSD %R	340,418	75-125 %
4401817221	RI-9-110.0-20170409	4/9/2017	6010B	7440-47-3	Chromium (total)	120		0.90	1.8	mg/kg	J	fd	FD RPD	59	50 %
4401817221	RI-9-110.0-20170409-FD	4/9/2017	6010B	7440-47-3	Chromium (total)	65		1.9	3.9	mg/kg	J	fd	FD RPD	59	50 %
4401817221	RI-9-20.0-20170408	4/8/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	47,45	75-125 %
4401817221	RI-9-20.0-20170408	4/8/2017	6010B	7440-39-3	Barium	100		0.85	1.7	mg/kg	J+	m	MS/MSD %R	340,418	75-125 %
4401817221	RI-9-30.0-20170408	4/8/2017	6010B	7440-39-3	Barium	44		1.1	2.2	mg/kg	J+	m	MS/MSD %R	340,418	75-125 %
4401817221	RI-9-30.0-20170408	4/8/2017	6010B	7440-33-7	Tungsten		U	3.6	14	mg/kg	UJ	m	MS/MSD %R	47,45	75-125 %
4401817451	RI-20-10.0-20170410	4/10/2017	6010B	7440-39-3	Barium	240		0.79	1.6	mg/kg	J	m	MS/MSD %R	159,70	75-125 %
4401817451	RI-20-10.0-20170410	4/10/2017	6010B	7439-95-4	Magnesium	9900		5.2	10	mg/kg	J	sd	Serial dilution %D	11	10 %
4401817451	RI-20-10.0-20170410	4/10/2017	6010B	7440-33-7	Tungsten		U	2.6	10	mg/kg	UJ	m,ld	MS/MSD %R, RPD	31,53; 52	75-125; 20 %
4401817451	RI-20-10.0-20170410	4/10/2017	6010B	7439-96-5	Manganese	410		1.0	2.1	mg/kg	J	sd	Serial dilution %D	16	10 %
4401817451	RI-20-20.0-20170410	4/10/2017	6010B	7439-95-4	Magnesium	15000		5.4	11	mg/kg	J	sd	Serial dilution %D	11	10 %
4401817451	RI-20-20.0-20170410	4/10/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m,ld	MS/MSD %R, RPD	31,53; 52	75-125; 20 %
4401817451	RI-20-20.0-20170410	4/10/2017	6010B	7440-39-3	Barium	190		0.81	1.6	mg/kg	J	m	MS/MSD %R	159,70	75-125 %
4401817451	RI-20-20.0-20170410	4/10/2017	6010B	7439-96-5	Manganese	330		1.1	2.2	mg/kg	J	sd	Serial dilution %D	16	10 %
4401817451	RI-20-30.0-20170410	4/10/2017	6010B	7439-95-4	Magnesium	30000		13	27	mg/kg	J	sd	Serial dilution %D	11	10 %
4401817451	RI-20-30.0-20170410	4/10/2017	6010B	7439-96-5	Manganese	140		2.7	5.3	mg/kg	J	sd	Serial dilution %D	16	10 %
4401817451	RI-20-30.0-20170410	4/10/2017	6010B	7440-33-7	Tungsten		U	6.7	27	mg/kg	UJ	m,ld	MS/MSD %R, RPD	31,53; 52	75-125; 20 %
4401817451	RI-20-30.0-20170410	4/10/2017	6010B	7440-39-3	Barium	350		2.0	4.0	mg/kg	J	m	MS/MSD %R	159,70	75-125 %
4401817451	RI-20-5.0-20170410	4/10/2017	6010B	7439-95-4	Magnesium	9100		5.3	11	mg/kg	J	sd	Serial dilution %D	11	10 %
4401817451	RI-20-5.0-20170410	4/10/2017	6010B	7439-96-5	Manganese	400		1.1	2.1	mg/kg	J	sd	Serial dilution %D	16	10 %
4401817451	RI-20-5.0-20170410	4/10/2017	6010B	7440-33-7	Tungsten		UF1F2	2.7	11	mg/kg	UJ	m,ld	MS/MSD %R, RPD	31,53; 52	75-125; 20 %
4401817451	RI-20-5.0-20170410	4/10/2017	6010B	7440-43-9	Cadmium	0.27	J	0.27	0.53	mg/kg	J	sp	< PQL		
4401817451	RI-20-5.0-20170410	4/10/2017	6010B	7440-39-3	Barium	190	F1	0.80	1.6	mg/kg	J	m	MS/MSD %R	159,70	75-125 %
4401817491	RI-10-20.0-20170410	4/10/2017	6010B	7440-39-3	Barium	34	F1	1.3	2.6	mg/kg	J+	m	MS/MSD %R	148,-	75-125 %
4401817491	RI-10-20.0-20170410	4/10/2017	6010B	7440-33-7	Tungsten		UF1	4.3	17	mg/kg	UJ	m	MS/MSD %R	48,55	75-125 %
4401817491	RI-10-20.0-20170410	4/10/2017	6010B	7440-24-6	Strontium	150	F1F2	4.3	8.6	mg/kg	J	m,ld	MS/MSD %R, RPD	141,314; 44	75-125; 20 %
4401817491	RI-10-30.0-20170410	4/10/2017	6010B	7440-24-6	Strontium	140		4.0	8.0	mg/kg	J	m,ld	MS/MSD %R, RPD	141,314; 44	75-125; 20 %
4401817491	RI-10-30.0-20170410	4/10/2017	6010B	7440-39-3	Barium	48		1.2	2.4	mg/kg	J+	m	MS/MSD %R	148,-	75-125 %
4401817491	RI-10-30.0-20170410	4/10/2017	6010B	7440-33-7	Tungsten		U	4.0	16	mg/kg	UJ	m	MS/MSD %R	48,55	75-125 %
4401824941	RI-24-1.0-20170418	4/18/2017	6010B	7440-39-3	Barium	100	F1	0.78	1.6	mg/kg	J-	m	MS/MSD %R	43,67	75-125 %
4401824941	RI-24-1.0-20170418	4/18/2017	6010B	7440-33-7	Tungsten		UF1	2.6	10	mg/kg	UJ	m	MS/MSD %R	61,62	75-125 %
4401824941	RI-24-1.0-20170418	4/18/2017	6010B	7440-43-9	Cadmium	0.37	J	0.26	0.52	mg/kg	J	sp	< PQL		
4401824941	RI-24-10.0-20170418	4/18/2017	6010B	7440-39-3	Barium	170		0.81	1.6	mg/kg	J-	m	MS/MSD %R	43,67	75-125 %
4401824941	RI-24-10.0-20170418	4/18/2017	6010B	7440-43-9	Cadmium	0.37	J	0.27	0.54	mg/kg	J	sp	< PQL		
4401824941	RI-24-10.0-20170418	4/18/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	61,62	75-125 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401824941	RI-24-20.0-20170418	4/18/2017	6010B	7440-43-9	Cadmium	0.40	J	0.26	0.53	mg/kg	J	sp	< PQL			
4401824941	RI-24-20.0-20170418	4/18/2017	6010B	7440-33-7	Tungsten		U	2.6	11	mg/kg	UJ	m	MS/MSD %R	61,62	75-125	%
4401824941	RI-24-20.0-20170418	4/18/2017	6010B	7440-39-3	Barium	180		0.79	1.6	mg/kg	J-	m	MS/MSD %R	43,67	75-125	%
4401824941	RI-24-30.0-20170418	4/18/2017	6010B	7440-33-7	Tungsten		U	4.1	16	mg/kg	UJ	m	MS/MSD %R	61,62	75-125	%
4401824941	RI-24-30.0-20170418	4/18/2017	6010B	7440-39-3	Barium	39		1.2	2.4	mg/kg	J-	m	MS/MSD %R	43,67	75-125	%
4401824941	RI-24-40.0-20170418	4/18/2017	6010B	7440-39-3	Barium	79		1.2	2.3	mg/kg	J-	m	MS/MSD %R	43,67	75-125	%
4401824941	RI-24-40.0-20170418	4/18/2017	6010B	7440-33-7	Tungsten		U	3.9	16	mg/kg	UJ	m	MS/MSD %R	61,62	75-125	%
4401824941	RI-24-5.0-20170418	4/18/2017	6010B	7440-39-3	Barium	42		3.8	7.7	mg/kg	J-	m	MS/MSD %R	43,67	75-125	%
4401824941	RI-24-5.0-20170418	4/18/2017	6010B	7440-50-8	Copper	7.6	J	5.1	10	mg/kg	J	sp	< PQL			
4401824941	RI-24-5.0-20170418	4/18/2017	6010B	7439-92-1	Lead	6.7	J	5.1	10	mg/kg	J	sp	< PQL			
4401824941	RI-24-5.0-20170418	4/18/2017	6010B	7440-33-7	Tungsten		U	13	51	mg/kg	UJ	m	MS/MSD %R	61,62	75-125	%
4401824981	RI-25-1.0-20170417	4/17/2017	6010B	7440-33-7	Tungsten		U	2.6	10	mg/kg	UJ	m	MS/MSD %R	51,51	75-125	%
4401824981	RI-25-1.0-20170417	4/17/2017	6010B	7440-39-3	Barium	69		0.77	1.5	mg/kg	J+	m	MS/MSD %R	444,343	75-125	%
4401824981	RI-25-10.0-20170418	4/18/2017	6010B	7440-43-9	Cadmium	0.42	J	0.27	0.54	mg/kg	J	sp	< PQL			
4401824981	RI-25-20.0-20170418	4/18/2017	6010B	7440-43-9	Cadmium	0.29	J	0.26	0.52	mg/kg	J	sp	< PQL			
4401824981	RI-25-20.0-20170418	4/18/2017	6010B	7439-98-7	Molybdenum	1.1	J	1.0	2.1	mg/kg	J	sp	< PQL			
4401824981	RI-25-30.0-20170418	4/18/2017	6010B	7440-33-7	Tungsten		U	3.7	15	mg/kg	UJ	m	MS/MSD %R	61,62	75-125	%
4401824981	RI-25-30.0-20170418	4/18/2017	6010B	7440-39-3	Barium	55		1.1	2.2	mg/kg	J-	m	MS/MSD %R	43,67	75-125	%
4401824981	RI-25-40.0-20170418	4/18/2017	6010B	7440-39-3	Barium	48		1.0	2.0	mg/kg	J-	m	MS/MSD %R	43,67	75-125	%
4401824981	RI-25-40.0-20170418	4/18/2017	6010B	7440-33-7	Tungsten		U	3.3	13	mg/kg	UJ	m	MS/MSD %R	61,62	75-125	%
4401826011	RI-25-100.0-20170418	4/18/2017	6010B	7440-47-3	Chromium (total)	31	B	0.76	1.5	mg/kg	J+	m	MS/MSD %R	130,-	75-125	%
4401826011	RI-25-110.0-20170419	4/19/2017	6010B	7440-47-3	Chromium (total)	46	B	0.83	1.7	mg/kg	J+	m	MS/MSD %R	130,-	75-125	%
4401826011	RI-25-120.0-20170419	4/19/2017	6010B	7440-47-3	Chromium (total)	39	B	0.74	1.5	mg/kg	J+	m	MS/MSD %R	130,-	75-125	%
4401826011	RI-25-130.0-20170419	4/19/2017	6010B	7440-47-3	Chromium (total)	110	B	0.78	1.6	mg/kg	J+	m	MS/MSD %R	130,-	75-125	%
4401826011	RI-25-140.0-20170419	4/19/2017	6010B	7440-47-3	Chromium (total)	31	B	0.74	1.5	mg/kg	J+	m	MS/MSD %R	130,-	75-125	%
4401826011	RI-25-150.0-20170419	4/19/2017	6010B	7440-47-3	Chromium (total)	43	B	0.85	1.7	mg/kg	J+	m	MS/MSD %R	130,-	75-125	%
4401826021	RI-24-100.0-20170419	4/19/2017	6010B	7440-47-3	Chromium (total)	60	B	0.87	1.7	mg/kg	J+	m	MS/MSD %R	130,-	75-125	%
4401826021	RI-24-110.0-20170419	4/19/2017	6010B	7440-47-3	Chromium (total)	27	F1B	0.71	1.4	mg/kg	J+	m	MS/MSD %R	130,-	75-125	%
4401826021	RI-24-120.0-20170419	4/19/2017	6010B	7440-47-3	Chromium (total)	39	B	0.77	1.5	mg/kg	J+	m	MS/MSD %R	130,-	75-125	%
4401826021	RI-24-130.0-20170419	4/19/2017	6010B	7440-47-3	Chromium (total)	69	B	0.86	1.7	mg/kg	J+	m	MS/MSD %R	130,-	75-125	%
4401826021	RI-24-140.0-20170419	4/19/2017	6010B	7440-47-3	Chromium (total)	16	B	1.6	3.2	mg/kg	J+	m	MS/MSD %R	130,-	75-125	%
4401826021	RI-24-150.0-20170419	4/19/2017	6010B	7440-47-3	Chromium (total)	37	B	0.76	1.5	mg/kg	J+	m	MS/MSD %R	130,-	75-125	%
4401828041	RI-21-10.0-20170422	4/22/2017	6010B	7440-24-6	Strontium	320		2.8	5.6	mg/kg	J	m,ld	MS/MSD %R, RPD	126,221; 21	75-125; 20	%
4401828041	RI-21-10.0-20170422	4/22/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	50,48	75-125	%
4401828041	RI-21-10.0-20170422	4/22/2017	6010B	7440-39-3	Barium	190		0.84	1.7	mg/kg	J+	m	MS/MSD %R	161,200	75-125	%
4401828041	RI-21-20.0-20170422	4/22/2017	6010B	7439-98-7	Molybdenum	1.1	J	1.1	2.1	mg/kg	J	sp	< PQL			
4401828041	RI-21-20.0-20170422	4/22/2017	6010B	7440-24-6	Strontium	510		2.7	5.3	mg/kg	J	m,ld	MS/MSD %R, RPD	126,221; 21	75-125; 20	%
4401828041	RI-21-20.0-20170422	4/22/2017	6010B	7440-39-3	Barium	140		0.80	1.6	mg/kg	J+	m	MS/MSD %R	161,200	75-125	%
4401828041	RI-21-20.0-20170422	4/22/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	50,48	75-125	%
4401828041	RI-21-30.0-20170422	4/22/2017	6010B	7440-39-3	Barium	55		1.2	2.4	mg/kg	J+	m	MS/MSD %R	161,200	75-125	%
4401828041	RI-21-30.0-20170422	4/22/2017	6010B	7440-33-7	Tungsten		U	3.9	16	mg/kg	UJ	m	MS/MSD %R	50,48	75-125	%
4401828041	RI-21-30.0-20170422	4/22/2017	6010B	7440-24-6	Strontium	77		3.9	7.9	mg/kg	J	m,ld	MS/MSD %R, RPD	126,221; 21	75-125; 20	%
4401828041	RI-21-5.0-20170422	4/22/2017	6010B	7440-24-6	Strontium	160	F2F1	2.7	5.3	mg/kg	J	m,ld	MS/MSD %R, RPD	126,221; 21	75-125; 20	%
4401828041	RI-21-5.0-20170422	4/22/2017	6010B	7440-33-7	Tungsten		UF1	2.7	11	mg/kg	UJ	m	MS/MSD %R	50,48	75-125	%
4401828041	RI-21-5.0-20170422	4/22/2017	6010B	7440-39-3	Barium	110	F1	0.80	1.6	mg/kg	J+	m	MS/MSD %R	161,200	75-125	%
4401828291	RI-8-10.0-20170422	4/22/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	50,49	75-125	%
4401828291	RI-8-10.0-20170422	4/22/2017	6010B	7440-39-3	Barium	97		0.81	1.6	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	131,130; 13	75-125; 10	%
4401828291	RI-8-10.0-20170422-FD	4/22/2017	6010B	7440-39-3	Barium	130		0.81	1.6	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	131,130; 13	75-125; 10	%
4401828291	RI-8-10.0-20170422-FD	4/22/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	50,49	75-125	%
4401828291	RI-8-20.0-20170422	4/22/2017	6010B	7440-33-7	Tungsten		UF1	2.9	12	mg/kg	UJ	m	MS/MSD %R	50,49	75-125	%
4401828291	RI-8-20.0-20170422	4/22/2017	6010B	7440-39-3	Barium	110	F1	0.87	1.7	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	131,130; 13	75-125; 10	%
4401828291	RI-8-30.0-20170422	4/22/2017	6010B	7440-33-7	Tungsten		U	3.6	14	mg/kg	UJ	m	MS/MSD %R	50,49	75-125	%
4401828291	RI-8-30.0-20170422	4/22/2017	6010B	7440-39-3	Barium	61		1.1	2.2	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	131,130; 13	75-125; 10	%
4401828291	RI-8-5.0-20170422	4/22/2017	6010B	7440-42-8	Boron	3.8	J	2.6	5.2	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401828291	RI-8-5.0-20170422	4/22/2017	6010B	7440-39-3	Barium	180		0.78	1.6	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	131,130; 13	75-125; 10	%
4401828291	RI-8-5.0-20170422	4/22/2017	6010B	7440-33-7	Tungsten		U	2.6	10	mg/kg	UJ	m	MS/MSD %R	50,49	75-125	%
4401828861	RI-1-10.0-20170424	4/24/2017	6010B	7440-39-3	Barium	200		0.83	1.7	mg/kg	J+	m	MS/MSD %R	192,228	75-125	%
4401828861	RI-1-10.0-20170424	4/24/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m,ld	MS/MSD %R, RPD	64,38; 51	75-125; 20	%
4401828861	RI-1-10.0-20170424	4/24/2017	6010B	7440-62-2	Vanadium	56		0.55	1.1	mg/kg	J+	m	MS/MSD %R	-,138	75-125	%
4401828861	RI-1-20.0-20170424	4/24/2017	6010B	7440-62-2	Vanadium	59		0.55	1.1	mg/kg	J+	m	MS/MSD %R	-,138	75-125	%
4401828861	RI-1-20.0-20170424	4/24/2017	6010B	7440-39-3	Barium	140		0.83	1.7	mg/kg	J+	m	MS/MSD %R	192,228	75-125	%
4401828861	RI-1-20.0-20170424	4/24/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m,ld	MS/MSD %R, RPD	64,38; 51	75-125; 20	%
4401828861	RI-1-30.0-20170424	4/24/2017	6010B	7440-33-7	Tungsten		U	4.1	16	mg/kg	UJ	m,ld	MS/MSD %R, RPD	64,38; 51	75-125; 20	%
4401828861	RI-1-30.0-20170424	4/24/2017	6010B	7440-39-3	Barium	1100		1.2	2.4	mg/kg	J+	m	MS/MSD %R	192,228	75-125	%
4401828861	RI-1-30.0-20170424	4/24/2017	6010B	7440-62-2	Vanadium	57		0.81	1.6	mg/kg	J+	m	MS/MSD %R	-,138	75-125	%
4401828861	RI-1-5.0-20170424	4/24/2017	6010B	7440-33-7	Tungsten		UF1F2	2.6	10	mg/kg	UJ	m,ld	MS/MSD %R, RPD	64,38; 51	75-125; 20	%
4401828861	RI-1-5.0-20170424	4/24/2017	6010B	7440-62-2	Vanadium	55	F1	0.52	1.0	mg/kg	J+	m	MS/MSD %R	-,138	75-125	%
4401828861	RI-1-5.0-20170424	4/24/2017	6010B	7440-39-3	Barium	140	F1	0.78	1.6	mg/kg	J+	m	MS/MSD %R	192,228	75-125	%
4401829431	RI-2-10.0-20170425	4/25/2017	6010B	7439-98-7	Molybdenum	1.2	JB	1.1	2.2	mg/kg	J	bl,sp	MB contamination; < PQL	1.26		mg/kg
4401829431	RI-2-10.0-20170425	4/25/2017	6010B	7440-33-7	Tungsten		UF1	2.7	11	mg/kg	UJ	m,ld	MS/MSD %R, RPD	49,41; 52	75-125; 20	%
4401829431	RI-2-10.0-20170425	4/25/2017	6010B	7440-39-3	Barium	150	F2F1	0.81	1.6	mg/kg	J	m,ld	MS/MSD %R, RPD	212,68; 34	75-125; 20	%
4401829431	RI-2-20.0-20170425	4/25/2017	6010B	7440-33-7	Tungsten		U	3.8	15	mg/kg	UJ	m,ld	MS/MSD %R, RPD	49,41; 52	75-125; 20	%
4401829431	RI-2-20.0-20170425	4/25/2017	6010B	7440-39-3	Barium	54		1.1	2.3	mg/kg	J	m,ld	MS/MSD %R, RPD	212,68; 34	75-125; 20	%
4401829431	RI-2-30.0-20170425	4/25/2017	6010B	7440-39-3	Barium	130		1.1	2.2	mg/kg	J	m,ld	MS/MSD %R, RPD	212,68; 34	75-125; 20	%
4401829431	RI-2-30.0-20170425	4/25/2017	6010B	7440-33-7	Tungsten		U	3.6	14	mg/kg	UJ	m,ld	MS/MSD %R, RPD	49,41; 52	75-125; 20	%
4401829431	RI-2-5.0-20170425	4/25/2017	6010B	7440-39-3	Barium	170		0.81	1.6	mg/kg	J	m,ld	MS/MSD %R, RPD	212,68; 34	75-125; 20	%
4401829431	RI-2-5.0-20170425	4/25/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m,ld	MS/MSD %R, RPD	49,41; 52	75-125; 20	%
4401829431	RI-2-90.0-20170425	4/25/2017	6010B	7440-47-3	Chromium (total)	47		0.87	1.7	mg/kg	J	fd	FD RPD	51	50	%
4401829431	RI-2-90.0-20170425-FD	4/25/2017	6010B	7440-47-3	Chromium (total)	28		1.7	3.3	mg/kg	J	fd	FD RPD	51	50	%
4401834241	RI-13-10.0-20170502	5/2/2017	6010B	7439-89-6	Iron	25000		5.5	11	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834241	RI-13-10.0-20170502	5/2/2017	6010B	7440-62-2	Vanadium	75		0.55	1.1	mg/kg	J	sd	Serial dilution %D	18	10	%
4401834241	RI-13-10.0-20170502	5/2/2017	6010B	7439-95-4	Magnesium	15000		5.5	11	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834241	RI-13-10.0-20170502	5/2/2017	6010B	7723-14-0	Phosphorus (total)	1100		2.7	5.5	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834241	RI-13-10.0-20170502	5/2/2017	6010B	7439-96-5	Manganese	410		1.1	2.2	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	46,2; 20	75-125; 10	%
4401834241	RI-13-10.0-20170502	5/2/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	68,65	75-125	%
4401834241	RI-13-10.0-20170502	5/2/2017	6010B	7440-39-3	Barium	210		0.82	1.6	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	63,-; 16	75-125; 10	%
4401834241	RI-13-20.0-20170502	5/2/2017	6010B	7440-39-3	Barium	120		0.86	1.7	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	63,-; 16	75-125; 10	%
4401834241	RI-13-20.0-20170502	5/2/2017	6010B	7440-33-7	Tungsten		U	2.9	11	mg/kg	UJ	m	MS/MSD %R	68,65	75-125	%
4401834241	RI-13-20.0-20170502	5/2/2017	6010B	7439-89-6	Iron	13000		5.7	11	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834241	RI-13-20.0-20170502	5/2/2017	6010B	7723-14-0	Phosphorus (total)	730		2.9	5.7	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834241	RI-13-20.0-20170502	5/2/2017	6010B	7439-96-5	Manganese	220		1.1	2.3	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	46,2; 20	75-125; 10	%
4401834241	RI-13-20.0-20170502	5/2/2017	6010B	7439-95-4	Magnesium	7200		5.7	11	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834241	RI-13-20.0-20170502	5/2/2017	6010B	7440-62-2	Vanadium	51		0.57	1.1	mg/kg	J	sd	Serial dilution %D	18	10	%
4401834241	RI-13-30.0-20170502	5/2/2017	6010B	7439-89-6	Iron	10000		5.8	12	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834241	RI-13-30.0-20170502	5/2/2017	6010B	7440-33-7	Tungsten		U	2.9	12	mg/kg	UJ	m	MS/MSD %R	68,65	75-125	%
4401834241	RI-13-30.0-20170502	5/2/2017	6010B	7439-92-1	Lead	4.5		1.2	2.3	mg/kg	J-	c	Calibration %R	69	70-130	%
4401834241	RI-13-30.0-20170502	5/2/2017	6010B	7440-62-2	Vanadium	34		0.58	1.2	mg/kg	J	sd	Serial dilution %D	18	10	%
4401834241	RI-13-30.0-20170502	5/2/2017	6010B	7439-95-4	Magnesium	11000		5.8	12	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834241	RI-13-30.0-20170502	5/2/2017	6010B	7723-14-0	Phosphorus (total)	490		2.9	5.8	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834241	RI-13-30.0-20170502	5/2/2017	6010B	7439-96-5	Manganese	130		1.2	2.3	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	46,2; 20	75-125; 10	%
4401834241	RI-13-30.0-20170502	5/2/2017	6010B	7440-39-3	Barium	89		0.87	1.7	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	63,-; 16	75-125; 10	%
4401834241	RI-13-5.0-20170502	5/2/2017	6010B	7439-89-6	Iron	21000		5.4	11	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834241	RI-13-5.0-20170502	5/2/2017	6010B	7439-95-4	Magnesium	11000		5.4	11	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834241	RI-13-5.0-20170502	5/2/2017	6010B	7723-14-0	Phosphorus (total)	1000		2.7	5.4	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834241	RI-13-5.0-20170502	5/2/2017	6010B	7439-96-5	Manganese	390		1.1	2.2	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	46,2; 20	75-125; 10	%
4401834241	RI-13-5.0-20170502	5/2/2017	6010B	7440-39-3	Barium	200		0.81	1.6	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	63,-; 16	75-125; 10	%
4401834241	RI-13-5.0-20170502	5/2/2017	6010B	7440-62-2	Vanadium	61		0.54	1.1	mg/kg	J	sd	Serial dilution %D	18	10	%
4401834241	RI-13-5.0-20170502	5/2/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	68,65	75-125	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401834261	RIDB-16-1.0-20170501	5/1/2017	6010B	7440-47-3	Chromium (total)	2.9	J	2.6	5.2	mg/kg	J	sp	< PQL			
4401834261	RIDB-16-1.0-20170501	5/1/2017	6010B	7440-33-7	Tungsten		U	13	52	mg/kg	UJ	m	MS/MSD %R	68,65	75-125	%
4401834261	RIDB-16-1.0-20170501	5/1/2017	6010B	7440-39-3	Barium	4.6	J	3.9	7.7	mg/kg	J	m,sd,sp	MS/MSD %R; Serial dilution %D; < PQL	63,-; 16	75-125; 10	%
4401834261	RIDB-16-1.0-20170501	5/1/2017	6010B	7440-62-2	Vanadium	4.2	J	2.6	5.2	mg/kg	J	sp,sd	Serial dilution %D; < PQL	18	10	%
4401834261	RIDB-16-1.0-20170501	5/1/2017	6010B	7439-96-5	Manganese	54		5.2	10	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	46,2; 20	75-125; 10	%
4401834261	RIDB-16-1.0-20170501	5/1/2017	6010B	7439-89-6	Iron	480		26	52	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-1.0-20170501	5/1/2017	6010B	7439-92-1	Lead		U	5.2	10	mg/kg	UJ	c	Calibration %R	69	70-130	%
4401834261	RIDB-16-1.0-20170501	5/1/2017	6010B	7439-95-4	Magnesium	110000		26	52	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-1.0-20170501	5/1/2017	6010B	7723-14-0	Phosphorus (total)	110		13	26	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-10.0-20170502	5/2/2017	6010B	7440-39-3	Barium	220		0.82	1.6	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	63,-; 16	75-125; 10	%
4401834261	RIDB-16-10.0-20170502	5/2/2017	6010B	7723-14-0	Phosphorus (total)	670		2.7	5.5	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-10.0-20170502	5/2/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	68,65	75-125	%
4401834261	RIDB-16-10.0-20170502	5/2/2017	6010B	7439-95-4	Magnesium	16000		5.5	11	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-10.0-20170502	5/2/2017	6010B	7439-96-5	Manganese	350		1.1	2.2	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	46,2; 20	75-125; 10	%
4401834261	RIDB-16-10.0-20170502	5/2/2017	6010B	7440-62-2	Vanadium	57		0.55	1.1	mg/kg	J	sd	Serial dilution %D	18	10	%
4401834261	RIDB-16-10.0-20170502	5/2/2017	6010B	7439-89-6	Iron	19000		5.5	11	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-20.0-20170502	5/2/2017	6010B	7440-62-2	Vanadium	37		0.55	1.1	mg/kg	J	sd	Serial dilution %D	18	10	%
4401834261	RIDB-16-20.0-20170502	5/2/2017	6010B	7439-89-6	Iron	10000		5.5	11	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-20.0-20170502	5/2/2017	6010B	7439-92-1	Lead	4.3		1.1	2.2	mg/kg	J-	c	Calibration %R	69	70-130	%
4401834261	RIDB-16-20.0-20170502	5/2/2017	6010B	7439-96-5	Manganese	170		1.1	2.2	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	46,2; 20	75-125; 10	%
4401834261	RIDB-16-20.0-20170502	5/2/2017	6010B	7439-95-4	Magnesium	16000		5.5	11	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-20.0-20170502	5/2/2017	6010B	7440-39-3	Barium	120		0.83	1.7	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	63,-; 16	75-125; 10	%
4401834261	RIDB-16-20.0-20170502	5/2/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	68,65	75-125	%
4401834261	RIDB-16-20.0-20170502	5/2/2017	6010B	7723-14-0	Phosphorus (total)	570		2.8	5.5	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-30.0-20170502	5/2/2017	6010B	7440-62-2	Vanadium	44		0.73	1.5	mg/kg	J	sd	Serial dilution %D	18	10	%
4401834261	RIDB-16-30.0-20170502	5/2/2017	6010B	7439-96-5	Manganese	310		1.5	2.9	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	46,2; 20	75-125; 10	%
4401834261	RIDB-16-30.0-20170502	5/2/2017	6010B	7440-33-7	Tungsten		U	3.6	15	mg/kg	UJ	m	MS/MSD %R	68,65	75-125	%
4401834261	RIDB-16-30.0-20170502	5/2/2017	6010B	7723-14-0	Phosphorus (total)	640		3.6	7.3	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-30.0-20170502	5/2/2017	6010B	7440-39-3	Barium	62		1.1	2.2	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	63,-; 16	75-125; 10	%
4401834261	RIDB-16-30.0-20170502	5/2/2017	6010B	7439-89-6	Iron	17000		7.3	15	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-30.0-20170502	5/2/2017	6010B	7439-95-4	Magnesium	47000		7.3	15	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-5.0-20170502	5/2/2017	6010B	7440-33-7	Tungsten		U	13	52	mg/kg	UJ	m	MS/MSD %R	68,65	75-125	%
4401834261	RIDB-16-5.0-20170502	5/2/2017	6010B	7440-62-2	Vanadium	11		2.6	5.2	mg/kg	J	sd	Serial dilution %D	18	10	%
4401834261	RIDB-16-5.0-20170502	5/2/2017	6010B	7439-96-5	Manganese	86		5.2	10	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	46,2; 20	75-125; 10	%
4401834261	RIDB-16-5.0-20170502	5/2/2017	6010B	7439-92-1	Lead		U	5.2	10	mg/kg	UJ	c	Calibration %R	69	70-130	%
4401834261	RIDB-16-5.0-20170502	5/2/2017	6010B	7439-95-4	Magnesium	95000		26	52	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-5.0-20170502	5/2/2017	6010B	7723-14-0	Phosphorus (total)	280		13	26	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-5.0-20170502	5/2/2017	6010B	7439-89-6	Iron	3000		26	52	mg/kg	J	sd	Serial dilution %D	21	10	%
4401834261	RIDB-16-5.0-20170502	5/2/2017	6010B	7440-39-3	Barium	21		3.9	7.8	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	63,-; 16	75-125; 10	%
4401835741	RI-12-10.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	67	F1	0.53	1.1	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10	%
4401835741	RI-12-10.0-20170503	5/3/2017	6010B	7440-39-3	Barium	140	F1	0.80	1.6	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	126,134; 16	75-125; 10	%
4401835741	RI-12-10.0-20170503	5/3/2017	6010B	7440-33-7	Tungsten		UF1	2.7	11	mg/kg	UJ	m	MS/MSD %R	62,63	75-125	%
4401835741	RI-12-10.0-20170503	5/3/2017	6010B	7440-62-2	Vanadium	63		0.53	1.1	mg/kg	J	sd	Serial dilution %D	18	10	%
4401835741	RI-12-10.0-20170503	5/3/2017	6010B	7439-96-5	Manganese	370		1.1	2.1	mg/kg	J	sd	Serial dilution %D	12	10	%
4401835741	RI-12-10.0-20170503	5/3/2017	6010B	7440-24-6	Strontium	340		2.7	5.3	mg/kg	J	sd	Serial dilution %D	20	10	%
4401835741	RI-12-10.0-20170503	5/3/2017	6010B	7439-89-6	Iron	22000		5.3	11	mg/kg	J	sd	Serial dilution %D	17	10	%
4401835741	RI-12-10.0-20170503	5/3/2017	6010B	7439-95-4	Magnesium	13000		5.3	11	mg/kg	J	sd	Serial dilution %D	16	10	%
4401835741	RI-12-10.0-20170503	5/3/2017	6010B	7723-14-0	Phosphorus (total)	1600		2.7	5.3	mg/kg	J	sd	Serial dilution %D	17	10	%
4401835741	RI-12-20.0-20170503	5/3/2017	6010B	7439-89-6	Iron	13000		5.6	11	mg/kg	J	sd	Serial dilution %D	17	10	%
4401835741	RI-12-20.0-20170503	5/3/2017	6010B	7439-95-4	Magnesium	21000		5.6	11	mg/kg	J	sd	Serial dilution %D	16	10	%
4401835741	RI-12-20.0-20170503	5/3/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	62,63	75-125	%
4401835741	RI-12-20.0-20170503	5/3/2017	6010B	7723-14-0	Phosphorus (total)	810		2.8	5.6	mg/kg	J	sd	Serial dilution %D	17	10	%
4401835741	RI-12-20.0-20170503	5/3/2017	6010B	7440-24-6	Strontium	340		2.8	5.6	mg/kg	J	sd	Serial dilution %D	20	10	%
4401835741	RI-12-20.0-20170503	5/3/2017	6010B	7439-96-5	Manganese	220		1.1	2.2	mg/kg	J	sd	Serial dilution %D	12	10	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401835741	RI-12-20.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	98		0.56	1.1	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835741	RI-12-20.0-20170503	5/3/2017	6010B	7440-62-2	Vanadium	45		0.56	1.1	mg/kg	J	sd	Serial dilution %D	18	10 %
4401835741	RI-12-20.0-20170503	5/3/2017	6010B	7440-39-3	Barium	84		0.84	1.7	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	126,134; 16	75-125; 10 %
4401835741	RI-12-30.0-20170503	5/3/2017	6010B	7439-95-4	Magnesium	43000		8.6	17	mg/kg	J	sd	Serial dilution %D	16	10 %
4401835741	RI-12-30.0-20170503	5/3/2017	6010B	7440-33-7	Tungsten		U	4.3	17	mg/kg	UJ	m	MS/MSD %R	62,63	75-125 %
4401835741	RI-12-30.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	100		0.86	1.7	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835741	RI-12-30.0-20170503	5/3/2017	6010B	7439-96-5	Manganese	340		1.7	3.4	mg/kg	J	sd	Serial dilution %D	12	10 %
4401835741	RI-12-30.0-20170503	5/3/2017	6010B	7440-62-2	Vanadium	57		0.86	1.7	mg/kg	J	sd	Serial dilution %D	18	10 %
4401835741	RI-12-30.0-20170503	5/3/2017	6010B	7440-24-6	Strontium	150		4.3	8.6	mg/kg	J	sd	Serial dilution %D	20	10 %
4401835741	RI-12-30.0-20170503	5/3/2017	6010B	7723-14-0	Phosphorus (total)	800		4.3	8.6	mg/kg	J	sd	Serial dilution %D	17	10 %
4401835741	RI-12-30.0-20170503	5/3/2017	6010B	7439-89-6	Iron	24000		8.6	17	mg/kg	J	sd	Serial dilution %D	17	10 %
4401835741	RI-12-30.0-20170503	5/3/2017	6010B	7440-39-3	Barium	88		1.3	2.6	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	126,134; 16	75-125; 10 %
4401835741	RI-12-30.0-20170503-FD	5/3/2017	6010B	7723-14-0	Phosphorus (total)	820		4.4	8.8	mg/kg	J	sd	Serial dilution %D	17	10 %
4401835741	RI-12-30.0-20170503-FD	5/3/2017	6010B	7440-24-6	Strontium	150		4.4	8.8	mg/kg	J	sd	Serial dilution %D	20	10 %
4401835741	RI-12-30.0-20170503-FD	5/3/2017	6010B	7439-96-5	Manganese	310		1.8	3.5	mg/kg	J	sd	Serial dilution %D	12	10 %
4401835741	RI-12-30.0-20170503-FD	5/3/2017	6010B	7439-95-4	Magnesium	42000	^	8.8	18	mg/kg	J	sd	Serial dilution %D	16	10 %
4401835741	RI-12-30.0-20170503-FD	5/3/2017	6010B	7440-33-7	Tungsten		U	4.4	18	mg/kg	UJ	m	MS/MSD %R	62,63	75-125 %
4401835741	RI-12-30.0-20170503-FD	5/3/2017	6010B	7440-62-2	Vanadium	56		0.88	1.8	mg/kg	J	sd	Serial dilution %D	18	10 %
4401835741	RI-12-30.0-20170503-FD	5/3/2017	6010B	7439-89-6	Iron	23000		8.8	18	mg/kg	J	sd	Serial dilution %D	17	10 %
4401835741	RI-12-30.0-20170503-FD	5/3/2017	6010B	7440-47-3	Chromium (total)	81		0.88	1.8	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835741	RI-12-30.0-20170503-FD	5/3/2017	6010B	7440-39-3	Barium	87		1.3	2.6	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	126,134; 16	75-125; 10 %
4401835741	RI-12-40.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	40		0.75	1.5	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835741	RI-12-5.0-20170503	5/3/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	62,63	75-125 %
4401835741	RI-12-5.0-20170503	5/3/2017	6010B	7440-24-6	Strontium	230		2.8	5.5	mg/kg	J	sd	Serial dilution %D	20	10 %
4401835741	RI-12-5.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	24		0.55	1.1	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835741	RI-12-5.0-20170503	5/3/2017	6010B	7440-39-3	Barium	230		0.83	1.7	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	126,134; 16	75-125; 10 %
4401835741	RI-12-5.0-20170503	5/3/2017	6010B	7723-14-0	Phosphorus (total)	960		2.8	5.5	mg/kg	J	sd	Serial dilution %D	17	10 %
4401835741	RI-12-5.0-20170503	5/3/2017	6010B	7440-62-2	Vanadium	65		0.55	1.1	mg/kg	J	sd	Serial dilution %D	18	10 %
4401835741	RI-12-5.0-20170503	5/3/2017	6010B	7439-95-4	Magnesium	14000		5.5	11	mg/kg	J	sd	Serial dilution %D	16	10 %
4401835741	RI-12-5.0-20170503	5/3/2017	6010B	7439-89-6	Iron	21000		5.5	11	mg/kg	J	sd	Serial dilution %D	17	10 %
4401835741	RI-12-5.0-20170503	5/3/2017	6010B	7439-96-5	Manganese	430		1.1	2.2	mg/kg	J	sd	Serial dilution %D	12	10 %
4401835741	RI-12-50.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	28		0.77	1.5	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835741	RI-12-60.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	34		0.75	1.5	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835741	RI-12-70.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	62		0.87	1.7	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835741	RI-12-80.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	30		0.76	1.5	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835811	RI-13-100.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	44		0.72	1.4	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835811	RI-13-110.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	31		0.82	1.6	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835811	RI-13-110.0-20170503-FD	5/3/2017	6010B	7440-47-3	Chromium (total)	27		0.79	1.6	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835811	RI-13-120.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	28		0.68	1.4	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835811	RI-13-135.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	41		0.85	1.7	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401835811	RI-13-90.0-20170503	5/3/2017	6010B	7440-47-3	Chromium (total)	34		0.73	1.5	mg/kg	J	m,sd	MS/MSD %R; Serial dilution %D	-,72; 15	75-125; 10 %
4401837021	RI-22-1.0-20170504	5/4/2017	6010B	7440-62-2	Vanadium	75		0.52	1.0	mg/kg	J	sd	Serial dilution %D	22	10 %
4401837021	RI-22-1.0-20170504	5/4/2017	6010B	7439-92-1	Lead	35	F2F1	1.0	2.1	mg/kg	J	m,ld	MS/MSD %R, RPD	187,73; 58	75-125; 20 %
4401837021	RI-22-1.0-20170504	5/4/2017	6010B	7439-95-4	Magnesium	13000		5.2	10	mg/kg	J	sd	Serial dilution %D	20	10 %
4401837021	RI-22-1.0-20170504	5/4/2017	6010B	7723-14-0	Phosphorus (total)	1200		2.6	5.2	mg/kg	J	sd	Serial dilution %D	23	10 %
4401837021	RI-22-1.0-20170504	5/4/2017	6010B	7439-89-6	Iron	25000		5.2	10	mg/kg	J	sd	Serial dilution %D	19	10 %
4401837021	RI-22-1.0-20170504	5/4/2017	6010B	7440-24-6	Strontium	290		2.6	5.2	mg/kg	J	sd	Serial dilution %D	22	10 %
4401837021	RI-22-1.0-20170504	5/4/2017	6010B	7439-96-5	Manganese	460		1.0	2.1	mg/kg	J	sd	Serial dilution %D	17	10 %
4401837021	RI-22-1.0-20170504	5/4/2017	6010B	7440-33-7	Tungsten		UF1	2.6	10	mg/kg	UJ	m	MS/MSD %R	59,57	75-125 %
4401837021	RI-22-1.0-20170504	5/4/2017	6010B	7440-39-3	Barium	210		0.78	1.6	mg/kg	J	sd	Serial dilution %D	20	10 %
4401837021	RI-22-10.0-20170504	5/4/2017	6010B	7439-92-1	Lead	8.9		1.1	2.1	mg/kg	J	m,ld	MS/MSD %R, RPD	187,73; 58	75-125; 20 %
4401837021	RI-22-10.0-20170504	5/4/2017	6010B	7439-95-4	Magnesium	12000		5.3	11	mg/kg	J	sd	Serial dilution %D	20	10 %
4401837021	RI-22-10.0-20170504	5/4/2017	6010B	7723-14-0	Phosphorus (total)	1100		2.7	5.3	mg/kg	J	sd	Serial dilution %D	23	10 %
4401837021	RI-22-10.0-20170504	5/4/2017	6010B	7440-62-2	Vanadium	77		0.53	1.1	mg/kg	J	sd	Serial dilution %D	22	10 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401837021	RI-22-10.0-20170504	5/4/2017	6010B	7440-24-6	Strontium	350		2.7	5.3	mg/kg	J	sd	Serial dilution %D	22	10	%
4401837021	RI-22-10.0-20170504	5/4/2017	6010B	7439-89-6	Iron	24000		5.3	11	mg/kg	J	sd	Serial dilution %D	19	10	%
4401837021	RI-22-10.0-20170504	5/4/2017	6010B	7439-96-5	Manganese	450		1.1	2.1	mg/kg	J	sd	Serial dilution %D	17	10	%
4401837021	RI-22-10.0-20170504	5/4/2017	6010B	7440-39-3	Barium	180		0.80	1.6	mg/kg	J	sd	Serial dilution %D	20	10	%
4401837021	RI-22-10.0-20170504	5/4/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	59,57	75-125	%
4401837021	RI-22-20.0-20170504	5/4/2017	6010B	7439-96-5	Manganese	190		1.4	2.8	mg/kg	J	sd	Serial dilution %D	17	10	%
4401837021	RI-22-20.0-20170504	5/4/2017	6010B	7439-89-6	Iron	14000		6.9	14	mg/kg	J	sd	Serial dilution %D	19	10	%
4401837021	RI-22-20.0-20170504	5/4/2017	6010B	7439-92-1	Lead	5.8		1.4	2.8	mg/kg	J	m,ld	MS/MSD %R, RPD	187,73; 58	75-125; 20	%
4401837021	RI-22-20.0-20170504	5/4/2017	6010B	7440-62-2	Vanadium	48		0.69	1.4	mg/kg	J	sd	Serial dilution %D	22	10	%
4401837021	RI-22-20.0-20170504	5/4/2017	6010B	7440-39-3	Barium	54		1.0	2.1	mg/kg	J	sd	Serial dilution %D	20	10	%
4401837021	RI-22-20.0-20170504	5/4/2017	6010B	7440-33-7	Tungsten		U	3.4	14	mg/kg	UJ	m	MS/MSD %R	59,57	75-125	%
4401837021	RI-22-20.0-20170504	5/4/2017	6010B	7723-14-0	Phosphorus (total)	650		3.4	6.9	mg/kg	J	sd	Serial dilution %D	23	10	%
4401837021	RI-22-20.0-20170504	5/4/2017	6010B	7439-95-4	Magnesium	49000		6.9	14	mg/kg	J	sd	Serial dilution %D	20	10	%
4401837021	RI-22-20.0-20170504	5/4/2017	6010B	7440-24-6	Strontium	200		3.4	6.9	mg/kg	J	sd	Serial dilution %D	22	10	%
4401837021	RI-22-30.0-20170504	5/4/2017	6010B	7723-14-0	Phosphorus (total)	770		4.0	8.0	mg/kg	J	sd	Serial dilution %D	23	10	%
4401837021	RI-22-30.0-20170504	5/4/2017	6010B	7439-92-1	Lead	10		1.6	3.2	mg/kg	J	m,ld	MS/MSD %R, RPD	187,73; 58	75-125; 20	%
4401837021	RI-22-30.0-20170504	5/4/2017	6010B	7440-33-7	Tungsten		U	4.0	16	mg/kg	UJ	m	MS/MSD %R	59,57	75-125	%
4401837021	RI-22-30.0-20170504	5/4/2017	6010B	7440-39-3	Barium	69		1.2	2.4	mg/kg	J	sd	Serial dilution %D	20	10	%
4401837021	RI-22-30.0-20170504	5/4/2017	6010B	7439-96-5	Manganese	390		1.6	3.2	mg/kg	J	sd	Serial dilution %D	17	10	%
4401837021	RI-22-30.0-20170504	5/4/2017	6010B	7440-24-6	Strontium	120		4.0	8.0	mg/kg	J	sd	Serial dilution %D	22	10	%
4401837021	RI-22-30.0-20170504	5/4/2017	6010B	7439-95-4	Magnesium	53000		8.0	16	mg/kg	J	sd	Serial dilution %D	20	10	%
4401837021	RI-22-30.0-20170504	5/4/2017	6010B	7439-89-6	Iron	23000		8.0	16	mg/kg	J	sd	Serial dilution %D	19	10	%
4401837021	RI-22-30.0-20170504	5/4/2017	6010B	7440-62-2	Vanadium	64		0.80	1.6	mg/kg	J	sd	Serial dilution %D	22	10	%
4401837021	RI-22-40.0-20170504	5/4/2017	6010B	7439-92-1	Lead	8.7		1.6	3.1	mg/kg	J	m,ld	MS/MSD %R, RPD	187,73; 58	75-125; 20	%
4401837021	RI-22-40.0-20170504	5/4/2017	6010B	7439-96-5	Manganese	580		1.6	3.1	mg/kg	J	sd	Serial dilution %D	17	10	%
4401837021	RI-22-40.0-20170504	5/4/2017	6010B	7440-62-2	Vanadium	51		0.78	1.6	mg/kg	J	sd	Serial dilution %D	22	10	%
4401837021	RI-22-40.0-20170504	5/4/2017	6010B	7440-39-3	Barium	91		1.2	2.3	mg/kg	J	sd	Serial dilution %D	20	10	%
4401837021	RI-22-40.0-20170504	5/4/2017	6010B	7440-33-7	Tungsten		U	3.9	16	mg/kg	UJ	m	MS/MSD %R	59,57	75-125	%
4401837021	RI-22-40.0-20170504	5/4/2017	6010B	7439-95-4	Magnesium	44000		7.8	16	mg/kg	J	sd	Serial dilution %D	20	10	%
4401837021	RI-22-40.0-20170504	5/4/2017	6010B	7723-14-0	Phosphorus (total)	770		3.9	7.8	mg/kg	J	sd	Serial dilution %D	23	10	%
4401837021	RI-22-40.0-20170504	5/4/2017	6010B	7440-24-6	Strontium	140		3.9	7.8	mg/kg	J	sd	Serial dilution %D	22	10	%
4401837021	RI-22-40.0-20170504	5/4/2017	6010B	7439-89-6	Iron	20000		7.8	16	mg/kg	J	sd	Serial dilution %D	19	10	%
4401837021	RI-22-5.0-20170504	5/4/2017	6010B	7439-96-5	Manganese	500		1.1	2.1	mg/kg	J	sd	Serial dilution %D	17	10	%
4401837021	RI-22-5.0-20170504	5/4/2017	6010B	7439-92-1	Lead	11		1.1	2.1	mg/kg	J	m,ld	MS/MSD %R, RPD	187,73; 58	75-125; 20	%
4401837021	RI-22-5.0-20170504	5/4/2017	6010B	7723-14-0	Phosphorus (total)	1100		2.7	5.4	mg/kg	J	sd	Serial dilution %D	23	10	%
4401837021	RI-22-5.0-20170504	5/4/2017	6010B	7440-39-3	Barium	230		0.81	1.6	mg/kg	J	sd	Serial dilution %D	20	10	%
4401837021	RI-22-5.0-20170504	5/4/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	59,57	75-125	%
4401837021	RI-22-5.0-20170504	5/4/2017	6010B	7440-24-6	Strontium	270		2.7	5.4	mg/kg	J	sd	Serial dilution %D	22	10	%
4401837021	RI-22-5.0-20170504	5/4/2017	6010B	7439-89-6	Iron	24000		5.4	11	mg/kg	J	sd	Serial dilution %D	19	10	%
4401837021	RI-22-5.0-20170504	5/4/2017	6010B	7440-62-2	Vanadium	74		0.54	1.1	mg/kg	J	sd	Serial dilution %D	22	10	%
4401837021	RI-22-5.0-20170504	5/4/2017	6010B	7439-95-4	Magnesium	11000		5.4	11	mg/kg	J	sd	Serial dilution %D	20	10	%
4401838191	RI-22-100.0-20170505	5/5/2017	6010B	7440-47-3	Chromium (total)	35		0.99	2.0	mg/kg	J+	m	MS/MSD %R	131,129; 126,144	75-125	%
4401838191	RI-22-110.0-20170505	5/5/2017	6010B	7440-47-3	Chromium (total)	56	F1	1.0	2.0	mg/kg	J+	m	MS/MSD %R	131,129; 126,144	75-125	%
4401838191	RI-22-120.0-20170505	5/5/2017	6010B	7440-47-3	Chromium (total)	53		0.82	1.6	mg/kg	J+	m	MS/MSD %R	131,129; 126,144	75-125	%
4401838191	RI-22-120.0-20170505-FD	5/5/2017	6010B	7440-47-3	Chromium (total)	65		0.83	1.7	mg/kg	J+	m	MS/MSD %R	131,129; 126,144	75-125	%
4401838191	RI-22-130.0-20170505	5/5/2017	6010B	7440-47-3	Chromium (total)	37		0.77	1.5	mg/kg	J+	m	MS/MSD %R	131,129; 126,144	75-125	%
4401838191	RI-22-70.0-20170504	5/4/2017	6010B	7440-47-3	Chromium (total)	19	F1	0.67	1.3	mg/kg	J+	m	MS/MSD %R	131,129; 126,144	75-125	%
4401838191	RI-22-80.0-20170504	5/4/2017	6010B	7440-47-3	Chromium (total)	18		0.63	1.3	mg/kg	J+	m	MS/MSD %R	131,129; 126,144	75-125	%
4401838191	RI-22-80.0-20170504-FD	5/4/2017	6010B	7440-47-3	Chromium (total)	18		0.64	1.3	mg/kg	J+	m	MS/MSD %R	131,129; 126,144	75-125	%
4401838191	RI-22-90.0-20170504	5/4/2017	6010B	7440-47-3	Chromium (total)	40		0.77	1.5	mg/kg	J+	m	MS/MSD %R	131,129; 126,144	75-125	%
4401847231	RI-23-10.0-20170517	5/17/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401847231	RI-23-10.0-20170517	5/17/2017	6010B	7440-24-6	Strontium	990		2.7	5.4	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401847231	RI-23-2.0-20170517	5/17/2017	6010B	7440-33-7	Tungsten		UF1	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401847231	RI-23-2.0-20170517	5/17/2017	6010B	7440-24-6	Strontium	180	F1	2.7	5.4	mg/kg	J	m	MS/MSD %R	141,66	75-125	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401847231	RI-23-5.0-20170517	5/17/2017	6010B	7440-24-6	Strontium	250		2.7	5.5	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401847231	RI-23-5.0-20170517	5/17/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401848581	RI-27-1.0-20170519	5/19/2017	6010B	7440-24-6	Strontium	180		2.7	5.3	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401848581	RI-27-1.0-20170519	5/19/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401848581	RI-27-10.0-20170519	5/19/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401848581	RI-27-10.0-20170519	5/19/2017	6010B	7440-24-6	Strontium	240		2.7	5.4	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401848581	RI-27-20.0-20170519	5/19/2017	6010B	7440-33-7	Tungsten		U	3.0	12	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401848581	RI-27-20.0-20170519	5/19/2017	6010B	7440-24-6	Strontium	1700		3.0	6.1	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401848581	RI-27-20.0-20170519	5/19/2017	6010B	7440-42-8	Boron	18		3.0	6.1	mg/kg	J+	z	ICS concentration	0.0578	0.05	mg/l
4401848581	RI-27-30.0-20170519	5/19/2017	6010B	7440-33-7	Tungsten		U	3.9	16	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401848581	RI-27-30.0-20170519	5/19/2017	6010B	7440-24-6	Strontium	180		3.9	7.9	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401848581	RI-27-40.0-20170519	5/19/2017	6010B	7440-42-8	Boron	21		6.5	13	mg/kg	J+	z	ICS concentration	0.0578	0.05	mg/l
4401848581	RI-27-40.0-20170519	5/19/2017	6010B	7440-24-6	Strontium	170		6.5	13	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401848581	RI-27-40.0-20170519	5/19/2017	6010B	7440-33-7	Tungsten		U	6.5	26	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401848581	RI-27-5.0-20170519	5/19/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401848581	RI-27-5.0-20170519	5/19/2017	6010B	7440-24-6	Strontium	270		2.7	5.5	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401848581	RI-6-10.0-20170518	5/18/2017	6010B	7440-24-6	Strontium	280		3.0	6.1	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401848581	RI-6-10.0-20170518	5/18/2017	6010B	7440-33-7	Tungsten		U	3.0	12	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401848581	RI-6-5.0-20170518	5/18/2017	6010B	7440-24-6	Strontium	250		3.3	6.6	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401848581	RI-6-5.0-20170518	5/18/2017	6010B	7440-33-7	Tungsten		U	3.3	13	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401848581	RIDB-29-1.0-20170519	5/19/2017	6010B	7440-33-7	Tungsten		U	2.6	10	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401848581	RIDB-29-1.0-20170519	5/19/2017	6010B	7440-24-6	Strontium	210		2.6	5.2	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401848581	RIDB-29-10.0-20170519	5/19/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401848581	RIDB-29-10.0-20170519	5/19/2017	6010B	7440-24-6	Strontium	220		2.8	5.6	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401848581	RIDB-29-5.0-20170519	5/19/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401848581	RIDB-29-5.0-20170519	5/19/2017	6010B	7440-24-6	Strontium	200		2.7	5.3	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401849501	RIDB-29-20.0-20170522	5/22/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401849501	RIDB-29-20.0-20170522	5/22/2017	6010B	7440-24-6	Strontium	380		2.7	5.4	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401849501	RIDB-29-30.0-20170522	5/22/2017	6010B	7440-24-6	Strontium	300		2.8	5.5	mg/kg	J	m	MS/MSD %R	141,66	75-125	%
4401849501	RIDB-29-30.0-20170522	5/22/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	60,62	75-125	%
4401850561	RIDB-29-60.0-20170522	5/22/2017	6010B	7440-47-3	Chromium (total)	34		0.81	1.6	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401850561	RIDB-29-70.0-20170523	5/23/2017	6010B	7440-47-3	Chromium (total)	21		0.71	1.4	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401850561	RIDB-29-70.0-20170523-FD	5/23/2017	6010B	7440-47-3	Chromium (total)	21		0.70	1.4	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401850561	RIDB-29-80.0-20170523	5/23/2017	6010B	7440-47-3	Chromium (total)	42	F1	0.78	1.6	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401850561	RIDB-29-90.0-20170523	5/23/2017	6010B	7440-47-3	Chromium (total)	25		0.85	1.7	mg/kg	J-	m	MS/MSD %R	-,74	75-125	%
4401854761	RI-23-20.0-20170530	5/30/2017	6010B	7440-33-7	Tungsten		U	3.2	13	mg/kg	UJ	m	MS/MSD %R	55,55	75-125	%
4401854761	RI-23-30.0-20170530	5/30/2017	6010B	7440-33-7	Tungsten		U	3.9	16	mg/kg	UJ	m	MS/MSD %R	55,55	75-125	%
4401854761	RI-23-40.0-20170530	5/30/2017	6010B	7440-33-7	Tungsten		U	3.7	15	mg/kg	UJ	m	MS/MSD %R	55,55	75-125	%
4401863511	RI-17-10.0-20170612	6/12/2017	6010B	7440-42-8	Boron	5.2	J	2.7	5.4	mg/kg	J	sp	< PQL			
4401863511	RI-17-10.0-20170612	6/12/2017	6010B	7440-39-3	Barium	140		0.82	1.6	mg/kg	J+	m	MS/MSD %R	169,142	75-125	%
4401863511	RI-17-10.0-20170612	6/12/2017	6010B	7440-24-6	Strontium	220		2.7	5.4	mg/kg	J+	m	MS/MSD %R	221,182	75-125	%
4401863511	RI-17-10.0-20170612	6/12/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	52,49	75-125	%
4401863511	RI-17-20.0-20170612	6/12/2017	6010B	7440-39-3	Barium	82		0.79	1.6	mg/kg	J+	m	MS/MSD %R	169,142	75-125	%
4401863511	RI-17-20.0-20170612	6/12/2017	6010B	7440-33-7	Tungsten		U	2.6	11	mg/kg	UJ	m	MS/MSD %R	52,49	75-125	%
4401863511	RI-17-20.0-20170612	6/12/2017	6010B	7440-24-6	Strontium	270		2.6	5.3	mg/kg	J+	m	MS/MSD %R	221,182	75-125	%
4401863511	RI-17-20.0-20170612	6/12/2017	6010B	7440-42-8	Boron	4.8	J	2.6	5.3	mg/kg	J	sp	< PQL			
4401863511	RI-17-30.0-20170612	6/12/2017	6010B	7440-33-7	Tungsten		U	3.3	13	mg/kg	UJ	m	MS/MSD %R	52,49	75-125	%
4401863511	RI-17-30.0-20170612	6/12/2017	6010B	7440-24-6	Strontium	300		3.3	6.5	mg/kg	J+	m	MS/MSD %R	221,182	75-125	%
4401863511	RI-17-30.0-20170612	6/12/2017	6010B	7440-39-3	Barium	250		0.98	2.0	mg/kg	J+	m	MS/MSD %R	169,142	75-125	%
4401863511	RI-17-5.0-20170612	6/12/2017	6010B	7440-24-6	Strontium	150	F1	2.7	5.4	mg/kg	J+	m	MS/MSD %R	221,182	75-125	%
4401863511	RI-17-5.0-20170612	6/12/2017	6010B	7440-33-7	Tungsten		UF1	2.7	11	mg/kg	UJ	m	MS/MSD %R	52,49	75-125	%
4401863511	RI-17-5.0-20170612	6/12/2017	6010B	7440-39-3	Barium	120	F1	0.81	1.6	mg/kg	J+	m	MS/MSD %R	169,142	75-125	%
4401863971	PCDB-3-130.0-20170613	6/13/2017	6010B	7440-47-3	Chromium (total)	9.6		0.64	1.3	mg/kg	J	fd	FD RPD	82	50	%
4401863971	PCDB-3-130.0-20170613-FD	6/13/2017	6010B	7440-47-3	Chromium (total)	23		0.64	1.3	mg/kg	J	fd	FD RPD	82	50	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401865171	RI-28-1.0-20170614	6/14/2017	6010B	7440-43-9	Cadmium	0.32	J	0.28	0.55	mg/kg	J	sp	< PQL			
4401865171	RI-28-10.0-20170614	6/14/2017	6010B	7439-98-7	Molybdenum	1.7	J	1.1	2.2	mg/kg	J	sp	< PQL			
4401866341	RI-11-10.0-20170615	6/15/2017	6010B	7723-14-0	Phosphorus (total)	890		2.7	5.3	mg/kg	J	ld	MS/MSD RPD	22	20	%
4401866341	RI-11-10.0-20170615	6/15/2017	6010B	7440-62-2	Vanadium	57		0.53	1.1	mg/kg	J-	m	MS/MSD %R	71,-	75-125	%
4401866341	RI-11-10.0-20170615	6/15/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	50,60	75-125	%
4401866341	RI-11-10.0-20170615	6/15/2017	6010B	7440-39-3	Barium	210		0.80	1.6	mg/kg	J-	m	MS/MSD %R	54,-	75-125	%
4401866341	RI-11-20.0-20170615	6/15/2017	6010B	7723-14-0	Phosphorus (total)	960		2.7	5.4	mg/kg	J	ld	MS/MSD RPD	22	20	%
4401866341	RI-11-20.0-20170615	6/15/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	50,60	75-125	%
4401866341	RI-11-20.0-20170615	6/15/2017	6010B	7440-62-2	Vanadium	62		0.54	1.1	mg/kg	J-	m	MS/MSD %R	71,-	75-125	%
4401866341	RI-11-20.0-20170615	6/15/2017	6010B	7440-39-3	Barium	140		0.81	1.6	mg/kg	J-	m	MS/MSD %R	54,-	75-125	%
4401866341	RI-11-30.0-20170615	6/15/2017	6010B	7440-39-3	Barium	120		0.84	1.7	mg/kg	J-	m	MS/MSD %R	54,-	75-125	%
4401866341	RI-11-30.0-20170615	6/15/2017	6010B	7723-14-0	Phosphorus (total)	670		2.8	5.6	mg/kg	J	ld	MS/MSD RPD	22	20	%
4401866341	RI-11-30.0-20170615	6/15/2017	6010B	7440-62-2	Vanadium	51		0.56	1.1	mg/kg	J-	m	MS/MSD %R	71,-	75-125	%
4401866341	RI-11-30.0-20170615	6/15/2017	6010B	7440-33-7	Tungsten		U	2.8	11	mg/kg	UJ	m	MS/MSD %R	50,60	75-125	%
4401866341	RI-11-5.0-20170615	6/15/2017	6010B	7440-33-7	Tungsten		UF1	2.7	11	mg/kg	UJ	m	MS/MSD %R	50,60	75-125	%
4401866341	RI-11-5.0-20170615	6/15/2017	6010B	7440-39-3	Barium	170	F1	0.81	1.6	mg/kg	J-	m	MS/MSD %R	54,-	75-125	%
4401866341	RI-11-5.0-20170615	6/15/2017	6010B	7723-14-0	Phosphorus (total)	970	F2	2.7	5.4	mg/kg	J	ld	MS/MSD RPD	22	20	%
4401866341	RI-11-5.0-20170615	6/15/2017	6010B	7440-62-2	Vanadium	54	F1	0.54	1.1	mg/kg	J-	m	MS/MSD %R	71,-	75-125	%
4401866371	RI-28-70.0-20170615	6/15/2017	6010B	7440-47-3	Chromium (total)	35		0.65	1.3	mg/kg	J	fd	FD RPD	64	50	%
4401866371	RI-28-70.0-20170615-FD	6/15/2017	6010B	7440-47-3	Chromium (total)	68		0.66	1.3	mg/kg	J	fd	FD RPD	64	50	%
4401867201	RI-26-1.0-20170616	6/16/2017	6010B	7440-33-7	Tungsten		UF1	2.6	10	mg/kg	UJ	m	MS/MSD %R	73,69	75-125	%
4401867201	RI-26-1.0-20170616	6/16/2017	6010B	7440-50-8	Copper	23	F1	1.1	2.1	mg/kg	J-	m	MS/MSD %R	-,71	75-125	%
4401867201	RI-26-1.0-20170616	6/16/2017	6010B	7439-92-1	Lead	37	F1	1.0	2.1	mg/kg	J-	m	MS/MSD %R	46,41	75-125	%
4401867201	RI-26-10.0-20170616	6/16/2017	6010B	7440-33-7	Tungsten		U	2.6	11	mg/kg	UJ	m	MS/MSD %R	73,69	75-125	%
4401867201	RI-26-10.0-20170616	6/16/2017	6010B	7440-50-8	Copper	19		1.2	2.1	mg/kg	J-	m	MS/MSD %R	-,71	75-125	%
4401867201	RI-26-10.0-20170616	6/16/2017	6010B	7439-92-1	Lead	7.4		1.1	2.1	mg/kg	J-	m	MS/MSD %R	46,41	75-125	%
4401867201	RI-26-20.0-20170616	6/16/2017	6010B	7440-33-7	Tungsten		U	2.6	11	mg/kg	UJ	m	MS/MSD %R	73,69	75-125	%
4401867201	RI-26-20.0-20170616	6/16/2017	6010B	7439-92-1	Lead	6.7		1.1	2.1	mg/kg	J-	m	MS/MSD %R	46,41	75-125	%
4401867201	RI-26-20.0-20170616	6/16/2017	6010B	7440-50-8	Copper	19		1.2	2.1	mg/kg	J-	m	MS/MSD %R	-,71	75-125	%
4401867201	RI-26-5.0-20170616	6/16/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	73,69	75-125	%
4401867201	RI-26-5.0-20170616	6/16/2017	6010B	7439-92-1	Lead	6.1		1.1	2.1	mg/kg	J-	m	MS/MSD %R	46,41	75-125	%
4401867201	RI-26-5.0-20170616	6/16/2017	6010B	7440-50-8	Copper	15		1.2	2.1	mg/kg	J-	m	MS/MSD %R	-,71	75-125	%
4401867201	RI-26-5.0-20170616	6/16/2017	6010B	7440-42-8	Boron	49		2.7	5.4	mg/kg	J	fd	FD RPD	93	50	%
4401867201	RI-26-5.0-20170616	6/16/2017	6010B	7439-95-4	Magnesium	33000		5.4	11	mg/kg	J	fd	FD RPD	107	50	%
4401867201	RI-26-5.0-20170616-FD	6/16/2017	6010B	7439-95-4	Magnesium	10000		5.4	11	mg/kg	J	fd	FD RPD	107	50	%
4401867201	RI-26-5.0-20170616-FD	6/16/2017	6010B	7440-42-8	Boron	18		2.7	5.4	mg/kg	J	fd	FD RPD	93	50	%
4401867201	RI-26-5.0-20170616-FD	6/16/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	73,69	75-125	%
4401867201	RI-26-5.0-20170616-FD	6/16/2017	6010B	7439-92-1	Lead	7.7		1.1	2.1	mg/kg	J-	m	MS/MSD %R	46,41	75-125	%
4401867201	RI-26-5.0-20170616-FD	6/16/2017	6010B	7440-50-8	Copper	19		1.2	2.1	mg/kg	J-	m	MS/MSD %R	-,71	75-125	%
4401867861	RI-26-30.0-20170616	6/16/2017	6010B	7439-92-1	Lead	6.3		1.1	2.2	mg/kg	J-	m	MS/MSD %R	46,41	75-125	%
4401867861	RI-26-30.0-20170616	6/16/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	73,69	75-125	%
4401867861	RI-26-30.0-20170616	6/16/2017	6010B	7440-50-8	Copper	18		1.2	2.2	mg/kg	J-	m	MS/MSD %R	-,71	75-125	%
4401867861	RI-26-40.0-20170616	6/16/2017	6010B	7440-33-7	Tungsten		U	3.9	16	mg/kg	UJ	m	MS/MSD %R	73,69	75-125	%
4401867861	RI-26-40.0-20170616	6/16/2017	6010B	7439-98-7	Molybdenum	1.7	J	1.6	3.1	mg/kg	J	sp	< PQL			
4401867861	RI-26-40.0-20170616	6/16/2017	6010B	7440-50-8	Copper	26		1.7	3.1	mg/kg	J-	m	MS/MSD %R	-,71	75-125	%
4401867861	RI-26-40.0-20170616	6/16/2017	6010B	7439-92-1	Lead	10		1.6	3.1	mg/kg	J-	m	MS/MSD %R	46,41	75-125	%
4401875331	RI-3-10.0-20170629	6/29/2017	6010B	7440-39-3	Barium	130		0.82	1.6	mg/kg	J+	m	MS/MSD %R	-,129	75-125	%
4401875331	RI-3-10.0-20170629	6/29/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	55,55	75-125	%
4401875331	RI-3-20.0-20170629	6/29/2017	6010B	7440-33-7	Tungsten		U	3.3	13	mg/kg	UJ	m	MS/MSD %R	55,55	75-125	%
4401875331	RI-3-20.0-20170629	6/29/2017	6010B	7440-39-3	Barium	62		0.99	2.0	mg/kg	J+	m	MS/MSD %R	-,129	75-125	%
4401875331	RI-3-5.0-20170629	6/29/2017	6010B	7440-33-7	Tungsten		UF1	2.7	11	mg/kg	UJ	m	MS/MSD %R	55,55	75-125	%
4401875331	RI-3-5.0-20170629	6/29/2017	6010B	7440-39-3	Barium	170	F1	0.80	1.6	mg/kg	J+	m	MS/MSD %R	-,129	75-125	%
4401875531	RI-3-100.0-20170629	6/29/2017	6010B	7440-47-3	Chromium (total)	25		1.4	2.8	mg/kg	J+	m	MS/MSD %R	-,126	75-125	%
4401875531	RI-3-110.0-20170629	6/29/2017	6010B	7440-47-3	Chromium (total)	37		0.79	1.6	mg/kg	J+	m	MS/MSD %R	-,126	75-125	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401875531	RI-3-120.0-20170630-FD	6/30/2017	6010B	7440-47-3	Chromium (total)	150		0.86	1.7	mg/kg	J+	m	MS/MSD %R	-,126	75-125 %
4401875531	RI-3-130.0-20170630	6/30/2017	6010B	7440-47-3	Chromium (total)	71		0.71	1.4	mg/kg	J+	m	MS/MSD %R	-,126	75-125 %
4401875531	RI-3-80.0-20170629	6/29/2017	6010B	7440-47-3	Chromium (total)	46	F1	0.79	1.6	mg/kg	J+	m	MS/MSD %R	-,126	75-125 %
4401875531	RI-3-90.0-20170629	6/29/2017	6010B	7440-47-3	Chromium (total)	35		0.90	1.8	mg/kg	J+	m	MS/MSD %R	-,126	75-125 %
4401875891	RI-4-5.0-20170630	6/30/2017	6010B	7440-39-3	Barium	140		0.81	1.6	mg/kg	J+	m	MS/MSD %R	-,129	75-125 %
4401875891	RI-4-5.0-20170630	6/30/2017	6010B	7440-33-7	Tungsten		U	2.7	11	mg/kg	UJ	m	MS/MSD %R	55,55	75-125 %
4401875941	RI-4-10.0-20170630	6/30/2017	6010B	7440-39-3	Barium	120	F1	0.80	1.6	mg/kg	J+	m	MS/MSD %R	194,215	75-125 %
4401875941	RI-4-10.0-20170630	6/30/2017	6010B	7440-33-7	Tungsten		UF1	2.7	11	mg/kg	UJ	m	MS/MSD %R	64,60	75-125 %
4401875941	RI-4-20.0-20170630	6/30/2017	6010B	7440-33-7	Tungsten		U	2.6	11	mg/kg	UJ	m	MS/MSD %R	64,60	75-125 %
4401875941	RI-4-20.0-20170630	6/30/2017	6010B	7440-39-3	Barium	160		0.79	1.6	mg/kg	J+	m	MS/MSD %R	194,215	75-125 %
4401875941	RI-4-30.0-20170630	6/30/2017	6010B	7440-33-7	Tungsten		U	3.2	13	mg/kg	UJ	m	MS/MSD %R	64,60	75-125 %
4401875941	RI-4-30.0-20170630	6/30/2017	6010B	7439-98-7	Molybdenum	1.5	J	1.3	2.6	mg/kg	J	sp	< PQL		
4401875941	RI-4-30.0-20170630	6/30/2017	6010B	7440-39-3	Barium	80		0.97	1.9	mg/kg	J+	m	MS/MSD %R	194,215	75-125 %
4401875941	RI-4-30.0-20170630-FD	6/30/2017	6010B	7440-39-3	Barium	79		0.98	2.0	mg/kg	J+	m	MS/MSD %R	194,215	75-125 %
4401875941	RI-4-30.0-20170630-FD	6/30/2017	6010B	7440-33-7	Tungsten		U	3.3	13	mg/kg	UJ	m	MS/MSD %R	64,60	75-125 %
4401875941	RI-4-40.0-20170630	6/30/2017	6010B	7440-39-3	Barium	71		1.1	2.1	mg/kg	J+	m	MS/MSD %R	194,215	75-125 %
4401875941	RI-4-40.0-20170630	6/30/2017	6010B	7440-33-7	Tungsten		U	3.5	14	mg/kg	UJ	m	MS/MSD %R	64,60	75-125 %
4401875941	RI-4-40.0-20170630	6/30/2017	6010B	7439-98-7	Molybdenum	1.4	J	1.4	2.8	mg/kg	J	sp	< PQL		
160212331	M-5D-52.0-20170222	2/22/2017	6020A	7440-36-0	Antimony		UF1	0.82	2.1	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-10-1.0-20170223	2/23/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-10-10.0-20170224	2/24/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	52,62	75-125 %
160212331	RIDB-10-20.0-20170224	2/24/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	52,62	75-125 %
160212331	RIDB-10-30.0-20170224	2/24/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	52,62	75-125 %
160212331	RIDB-10-5.0-20170223	2/23/2017	6020A	7440-36-0	Antimony		UF1	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	52,62	75-125 %
160212331	RIDB-13-1.0-20170224	2/24/2017	6020A	7440-36-0	Antimony		U	0.44	1.1	mg/kg	UJ	m	MS/MSD %R	52,62	75-125 %
160212331	RIDB-13-10.0-20170224	2/24/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	52,62	75-125 %
160212331	RIDB-13-20.0-20170224	2/24/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	52,62	75-125 %
160212331	RIDB-13-30.0-20170224	2/24/2017	6020A	7440-36-0	Antimony		U	0.75	1.9	mg/kg	UJ	m	MS/MSD %R	52,62	75-125 %
160212331	RIDB-13-30.0-20170224-FD	2/24/2017	6020A	7440-36-0	Antimony		U	0.73	1.8	mg/kg	UJ	m	MS/MSD %R	52,62	75-125 %
160212331	RIDB-13-5.0-20170224	2/24/2017	6020A	7440-36-0	Antimony		U	0.47	1.2	mg/kg	UJ	m	MS/MSD %R	52,62	75-125 %
160212331	RIDB-14-1.0-20170223	2/23/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-14-10.0-20170223	2/23/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-14-10.0-20170223-FD	2/23/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-14-20.0-20170223	2/23/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-14-30.0-20170223	2/23/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-14-5.0-20170223	2/23/2017	6020A	7440-36-0	Antimony		U	0.57	1.4	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-8-1.0-20170222	2/22/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-8-10.0-20170222	2/22/2017	6020A	7440-36-0	Antimony		U	0.46	1.2	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-8-20.0-20170222	2/22/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-8-30.0-20170222	2/22/2017	6020A	7440-36-0	Antimony		U	0.55	1.4	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-8-30.0-20170222-FD	2/22/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-8-5.0-20170222	2/22/2017	6020A	7440-36-0	Antimony		U	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-9-1.0-20170222	2/22/2017	6020A	7440-36-0	Antimony		U	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-9-10.0-20170223	2/23/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-9-20.0-20170223	2/23/2017	6020A	7440-36-0	Antimony		U	0.47	1.2	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-9-30.0-20170223	2/23/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212331	RIDB-9-5.0-20170222	2/22/2017	6020A	7440-36-0	Antimony		U	0.50	1.2	mg/kg	UJ	m	MS/MSD %R	58,59	75-125 %
160212541	RIDB-6-0.5-20170225	2/25/2017	6020A	7440-36-0	Antimony		U	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	60,63	75-125 %
160212541	RIDB-6-10.0-20170226	2/26/2017	6020A	7440-36-0	Antimony		U	0.50	1.2	mg/kg	UJ	m	MS/MSD %R	60,63	75-125 %
160212541	RIDB-6-20.0-20170226	2/26/2017	6020A	7440-36-0	Antimony		UF1	0.56	1.4	mg/kg	UJ	m	MS/MSD %R	60,63	75-125 %
160212541	RIDB-6-30.0-20170226	2/26/2017	6020A	7440-36-0	Antimony		U	0.74	1.8	mg/kg	UJ	m	MS/MSD %R	60,63	75-125 %
160212541	RIDB-6-5.0-20170225	2/25/2017	6020A	7440-36-0	Antimony		U	0.47	1.2	mg/kg	UJ	m	MS/MSD %R	60,63	75-125 %
160212541	RIDB-6-5.0-20170225-FD	2/25/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	60,63	75-125 %
4401790223	RIDB-20-1.0-20170307	3/7/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	46,53	75-125 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401790223	RIDB-4-0.5-20170306	3/6/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	46,53	75-125 %
4401790223	RIDB-4-10.0-20170307	3/7/2017	6020A	7440-36-0	Antimony		U	0.58	1.5	mg/kg	UJ	m	MS/MSD %R	46,53	75-125 %
4401790223	RIDB-4-10.0-20170307-FD	3/7/2017	6020A	7440-36-0	Antimony		U	0.62	1.6	mg/kg	UJ	m	MS/MSD %R	46,53	75-125 %
4401790223	RIDB-4-20.0-20170307	3/7/2017	6020A	7440-36-0	Antimony		U	0.69	1.7	mg/kg	UJ	m	MS/MSD %R	46,53	75-125 %
4401790223	RIDB-4-30.0-20170307	3/7/2017	6020A	7440-36-0	Antimony		U	0.71	1.8	mg/kg	UJ	m	MS/MSD %R	46,53	75-125 %
4401790223	RIDB-4-5.0-20170307	3/7/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	46,53	75-125 %
4401791533	RIDB-1-0.5-20170308	3/8/2017	6020A	7440-38-2	Arsenic	1.6	J	0.89	2.2	mg/kg	J	sp	< PQL		
4401792803	RIDB-17-1.0-20170309	3/9/2017	6020A	7440-36-0	Antimony		U	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	44,43	75-125 %
4401792803	RIDB-17-10.0-20170309	3/9/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	44,43	75-125 %
4401792803	RIDB-17-20.0-20170309	3/9/2017	6020A	7440-36-0	Antimony		U	0.46	1.2	mg/kg	UJ	m	MS/MSD %R	44,43	75-125 %
4401792803	RIDB-17-30.0-20170309	3/9/2017	6020A	7440-36-0	Antimony		UF1	0.69	1.7	mg/kg	UJ	m	MS/MSD %R	46,53	75-125 %
4401792803	RIDB-17-30.0-20170309-FD	3/9/2017	6020A	7440-36-0	Antimony		U	0.63	1.6	mg/kg	UJ	m	MS/MSD %R	46,53	75-125 %
4401792803	RIDB-17-5.0-20170309	3/9/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	44,43	75-125 %
4401792803	RIDB-2-0.5-20170309	3/9/2017	6020A	7440-36-0	Antimony		UF1	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	44,43	75-125 %
4401792803	RIDB-2-10.0-20170309	3/9/2017	6020A	7440-36-0	Antimony		U	0.55	1.4	mg/kg	UJ	m	MS/MSD %R	44,43	75-125 %
4401792803	RIDB-2-20.0-20170309	3/9/2017	6020A	7440-36-0	Antimony		U	0.61	1.5	mg/kg	UJ	m	MS/MSD %R	44,43	75-125 %
4401792803	RIDB-2-20.0-20170309-FD	3/9/2017	6020A	7440-36-0	Antimony		U	0.78	2.0	mg/kg	UJ	m	MS/MSD %R	44,43	75-125 %
4401792803	RIDB-2-30.0-20170309	3/9/2017	6020A	7440-36-0	Antimony		U	0.68	1.7	mg/kg	UJ	m	MS/MSD %R	44,43	75-125 %
4401792803	RIDB-2-5.0-20170309	3/9/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	44,43	75-125 %
4401794193	RIDB-15-1.0-20170310	3/10/2017	6020A	7440-36-0	Antimony		U	0.50	1.2	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794193	RIDB-15-1.0-20170310	3/10/2017	6020A	7440-38-2	Arsenic	2.4	J	0.99	2.5	mg/kg	J	sp	< PQL		
4401794193	RIDB-15-10.0-20170310	3/10/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794193	RIDB-15-20.0-20170310	3/10/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794193	RIDB-15-30.0-20170310	3/10/2017	6020A	7440-36-0	Antimony		U	0.71	1.8	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794193	RIDB-15-5.0-20170310	3/10/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794193	RIDB-3-0.5-20170310	3/10/2017	6020A	7440-36-0	Antimony		UF1	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794193	RIDB-3-10.0-20170310	3/10/2017	6020A	7440-36-0	Antimony		U	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794193	RIDB-3-20.0-20170310	3/10/2017	6020A	7440-36-0	Antimony		U	0.56	1.4	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794193	RIDB-3-30.0-20170310	3/10/2017	6020A	7440-36-0	Antimony		U	0.68	1.7	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794193	RIDB-3-5.0-20170310	3/10/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794563	RI-16-10.0-20170312	3/12/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794563	RI-16-20.0-20170312	3/12/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794563	RI-16-30.0-20170312	3/12/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794563	RI-16-5.0-20170312	3/12/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794563	RIDB-5-0.5-20170311	3/11/2017	6020A	7440-36-0	Antimony		U	0.47	1.2	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794563	RIDB-5-10.0-20170311	3/11/2017	6020A	7440-36-0	Antimony		U	0.55	1.4	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794563	RIDB-5-20.0-20170311	3/11/2017	6020A	7440-36-0	Antimony		U	0.54	1.3	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794563	RIDB-5-30.0-20170311	3/11/2017	6020A	7440-36-0	Antimony		U	0.77	1.9	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794563	RIDB-5-5.0-20170311	3/11/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794563	RIDB-5-5.0-20170311-FD	3/11/2017	6020A	7440-36-0	Antimony		U	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	72,-	75-125 %
4401794563	RIDB-7-0.5-20170312	3/12/2017	6020A	7440-36-0	Antimony		UF1	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125 %
4401794563	RIDB-7-0.5-20170312-FD	3/12/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	52,51	75-125 %
4401794563	RIDB-7-10.0-20170312	3/12/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	52,51	75-125 %
4401794563	RIDB-7-20.0-20170312	3/12/2017	6020A	7440-36-0	Antimony		U	0.65	1.6	mg/kg	UJ	m	MS/MSD %R	52,51	75-125 %
4401794563	RIDB-7-30.0-20170312	3/12/2017	6020A	7440-36-0	Antimony		U	0.85	2.1	mg/kg	UJ	m	MS/MSD %R	52,51	75-125 %
4401794563	RIDB-7-5.0-20170312	3/12/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	52,51	75-125 %
4401796373	RIDB-18-1.0-20170314	3/14/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125 %
4401796373	RIDB-18-10.0-20170314	3/14/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125 %
4401796373	RIDB-18-20.0-20170314	3/14/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125 %
4401796373	RIDB-18-30.0-20170314	3/14/2017	6020A	7440-36-0	Antimony		U	0.70	1.7	mg/kg	UJ	m	MS/MSD %R	52,51	75-125 %
4401796373	RIDB-18-30.0-20170314-FD	3/14/2017	6020A	7440-36-0	Antimony		U	0.78	2.0	mg/kg	UJ	m	MS/MSD %R	52,51	75-125 %
4401796373	RIDB-18-5.0-20170314	3/14/2017	6020A	7440-36-0	Antimony		U	0.46	1.2	mg/kg	UJ	m	MS/MSD %R	52,51	75-125 %
4401801013	RIDB-11-1.0-20170320	3/20/2017	6020A	7440-36-0	Antimony		U	0.46	1.2	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401801013	RIDB-11-10.0-20170320	3/20/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401801013	RIDB-11-5.0-20170320	3/20/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401801013	RIDB-19-1.0-20170320	3/20/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401801013	RIDB-19-10.0-20170320	3/20/2017	6020A	7440-36-0	Antimony		U	0.50	1.2	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401801013	RIDB-19-20.0-20170320	3/20/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401801013	RIDB-19-30.0-20170320	3/20/2017	6020A	7440-36-0	Antimony		U	0.78	1.9	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401801013	RIDB-19-5.0-20170320	3/20/2017	6020A	7440-36-0	Antimony		U	0.47	1.2	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401801933	RIDB-11-20.0-20170320	3/20/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401801933	RIDB-11-30.0-20170321	3/21/2017	6020A	7440-36-0	Antimony		U	0.76	1.9	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401801933	RIDB-27-1.0-20170321	3/21/2017	6020A	7440-36-0	Antimony		U	0.72	1.8	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401803313	RIDB-12-1.0-20170321	3/21/2017	6020A	7440-36-0	Antimony		U	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401803313	RIDB-12-10.0-20170322	3/22/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401803313	RIDB-12-20.0-20170322	3/22/2017	6020A	7440-36-0	Antimony		U	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401803313	RIDB-12-30.0-20170322	3/22/2017	6020A	7440-36-0	Antimony		U	0.77	1.9	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401803313	RIDB-12-5.0-20170321	3/21/2017	6020A	7440-36-0	Antimony		U	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401803313	RIDB-27-10.0-20170321	3/21/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401803313	RIDB-27-20.0-20170321	3/21/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401803313	RIDB-27-30.0-20170321	3/21/2017	6020A	7440-36-0	Antimony		UF1	0.57	1.4	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401803313	RIDB-27-5.0-20170321	3/21/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	65,65	75-125 %
4401804393	RIDB-25-1.0-20170323	3/23/2017	6020A	7440-36-0	Antimony		U	4.4	11	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401804393	RIDB-25-10.0-20170323	3/23/2017	6020A	7440-36-0	Antimony		U	1.0	2.5	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401804393	RIDB-25-20.0-20170323	3/23/2017	6020A	7440-36-0	Antimony		U	2.1	5.1	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401804393	RIDB-25-20.0-20170323	3/23/2017	6020A	7440-38-2	Arsenic	9.8	J	4.1	10	mg/kg	J	sp	< PQL		
4401804393	RIDB-25-30.0-20170323	3/23/2017	6020A	7440-36-0	Antimony		U	0.69	1.7	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401804393	RIDB-25-5.0-20170323	3/23/2017	6020A	7440-36-0	Antimony		U	1.1	2.6	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401804393	RIDB-28-1.0-20170322	3/22/2017	6020A	7440-36-0	Antimony		UF1	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401804393	RIDB-28-10.0-20170323	3/23/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401804393	RIDB-28-10.0-20170323-FD	3/23/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401804393	RIDB-28-20.0-20170323	3/23/2017	6020A	7440-36-0	Antimony		U	0.99	2.5	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401804393	RIDB-28-30.0-20170323	3/23/2017	6020A	7440-36-0	Antimony		U	0.47	1.2	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401804393	RIDB-28-5.0-20170322	3/22/2017	6020A	7440-36-0	Antimony		U	0.47	1.2	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401805933	RIDB-24-1.0-20170323	3/23/2017	6020A	7440-36-0	Antimony		U	4.4	11	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401805933	RIDB-24-10.0-20170324	3/24/2017	6020A	7440-38-2	Arsenic	4.7	J	4.1	10	mg/kg	J	sp	< PQL		
4401805933	RIDB-24-10.0-20170324	3/24/2017	6020A	7440-36-0	Antimony		U	2.1	5.1	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401805933	RIDB-24-20.0-20170324	3/24/2017	6020A	7440-36-0	Antimony		U	1.0	2.6	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401805933	RIDB-24-30.0-20170324	3/24/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401805933	RIDB-24-5.0-20170323	3/23/2017	6020A	7440-36-0	Antimony		U	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401805933	RIDB-26-1.0-20170323	3/23/2017	6020A	7440-36-0	Antimony		U	4.9	12	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401805933	RIDB-26-10.0-20170324	3/24/2017	6020A	7440-36-0	Antimony		U	1.0	2.5	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401805933	RIDB-26-20.0-20170324	3/24/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401805933	RIDB-26-30.0-20170324	3/24/2017	6020A	7440-36-0	Antimony		UF1	1.4	3.4	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401805933	RIDB-26-5.0-20170323	3/23/2017	6020A	7440-36-0	Antimony		U	1.9	4.7	mg/kg	UJ	m	MS/MSD %R	66,69	75-125 %
4401806963	RIDB-22-1.0-20170327	3/27/2017	6020A	7440-36-0	Antimony		U	4.7	12	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401806963	RIDB-22-1.0-20170327-FD	3/27/2017	6020A	7440-36-0	Antimony		U	4.3	11	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401806963	RIDB-22-10.0-20170327	3/27/2017	6020A	7440-36-0	Antimony		U	0.96	2.4	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401806963	RIDB-22-20.0-20170327	3/27/2017	6020A	7440-36-0	Antimony		U	0.93	2.3	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401806963	RIDB-22-30.0-20170327	3/27/2017	6020A	7440-36-0	Antimony		U	0.68	1.7	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401806963	RIDB-22-5.0-20170327	3/27/2017	6020A	7440-36-0	Antimony		U	4.5	11	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401808193	RIDB-21-1.0-20170328	3/28/2017	6020A	7440-36-0	Antimony		U	4.8	12	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401808193	RIDB-21-10.0-20170328	3/28/2017	6020A	7440-36-0	Antimony		U	0.93	2.3	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401808193	RIDB-21-20.0-20170328	3/28/2017	6020A	7440-36-0	Antimony		U	1.2	2.9	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401808193	RIDB-21-30.0-20170328	3/28/2017	6020A	7440-36-0	Antimony		U	0.79	2.0	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401808193	RIDB-21-5.0-20170328	3/28/2017	6020A	7440-36-0	Antimony		U	4.4	11	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401812003	RIDB-23-1.0-20170403	4/3/2017	6020A	7440-36-0	Antimony		U	4.8	12	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401812003	RIDB-23-10.0-20170403	4/3/2017	6020A	7440-36-0	Antimony		U	0.45	1.1	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401812003	RIDB-23-20.0-20170403	4/3/2017	6020A	7440-36-0	Antimony		U	0.70	1.8	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401812003	RIDB-23-5.0-20170403	4/3/2017	6020A	7440-36-0	Antimony		U	4.3	11	mg/kg	UJ	m	MS/MSD %R	58,57	75-125 %
4401812973	RIDB-23-30.0-20170404	4/4/2017	6020A	7440-36-0	Antimony	0.94	JF1	0.81	2.0	mg/kg	J-	m,sp	MS/MSD %R; < PQL	48,44	75-125 %
4401814203	RI-5-10.0-20170405	4/5/2017	6020A	7440-36-0	Antimony		U	0.59	1.5	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401814203	RI-5-20.0-20170405	4/5/2017	6020A	7440-36-0	Antimony		U	0.77	1.9	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401814203	RI-5-30.0-20170405	4/5/2017	6020A	7440-36-0	Antimony		U	0.65	1.6	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401814203	RI-5-5.0-20170404	4/4/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401816613	RI-9-5.0-20170407	4/7/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817163	RI-7-10.0-20170408	4/8/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817163	RI-7-20.0-20170408	4/8/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817163	RI-7-20.0-20170408-FD	4/8/2017	6020A	7440-36-0	Antimony		U	0.50	1.2	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817163	RI-7-30.0-20170408	4/8/2017	6020A	7440-36-0	Antimony		U	0.74	1.9	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817163	RI-7-5.0-20170408	4/8/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817223	RI-10-10.0-20170409	4/9/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817223	RI-10-5.0-20170409	4/9/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817223	RI-9-10.0-20170408	4/8/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817223	RI-9-20.0-20170408	4/8/2017	6020A	7440-36-0	Antimony		U	0.55	1.4	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817223	RI-9-30.0-20170408	4/8/2017	6020A	7440-36-0	Antimony		U	0.67	1.7	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817453	RI-20-10.0-20170410	4/10/2017	6020A	7440-36-0	Antimony		U	0.47	1.2	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817453	RI-20-20.0-20170410	4/10/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817453	RI-20-30.0-20170410	4/10/2017	6020A	7440-36-0	Antimony		U	0.61	1.5	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817453	RI-20-5.0-20170410	4/10/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	48,44	75-125 %
4401817493	RI-10-20.0-20170410	4/10/2017	6020A	7440-36-0	Antimony		UF1	0.81	2.0	mg/kg	UJ	m	MS/MSD %R	60,57	75-125 %
4401817493	RI-10-30.0-20170410	4/10/2017	6020A	7440-36-0	Antimony		U	0.79	2.0	mg/kg	UJ	m	MS/MSD %R	60,57	75-125 %
4401828043	RI-21-10.0-20170422	4/22/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	61,54	75-125 %
4401828043	RI-21-20.0-20170422	4/22/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	61,54	75-125 %
4401828043	RI-21-30.0-20170422	4/22/2017	6020A	7440-36-0	Antimony		U	0.67	1.7	mg/kg	UJ	m	MS/MSD %R	61,54	75-125 %
4401828043	RI-21-5.0-20170422	4/22/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	61,54	75-125 %
4401828293	RI-8-10.0-20170422	4/22/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	61,54	75-125 %
4401828293	RI-8-10.0-20170422-FD	4/22/2017	6020A	7440-36-0	Antimony		U	0.50	1.2	mg/kg	UJ	m	MS/MSD %R	61,54	75-125 %
4401828293	RI-8-20.0-20170422	4/22/2017	6020A	7440-36-0	Antimony		UF1	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	61,54	75-125 %
4401828293	RI-8-30.0-20170422	4/22/2017	6020A	7440-36-0	Antimony		U	0.61	1.5	mg/kg	UJ	m	MS/MSD %R	61,54	75-125 %
4401828293	RI-8-5.0-20170422	4/22/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	61,54	75-125 %
4401828863	RI-1-10.0-20170424	4/24/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	63,66	75-125 %
4401828863	RI-1-20.0-20170424	4/24/2017	6020A	7440-36-0	Antimony		U	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	63,66	75-125 %
4401828863	RI-1-30.0-20170424	4/24/2017	6020A	7440-36-0	Antimony		U	0.78	2.0	mg/kg	UJ	m	MS/MSD %R	63,66	75-125 %
4401828863	RI-1-5.0-20170424	4/24/2017	6020A	7440-36-0	Antimony		UF1	0.46	1.2	mg/kg	UJ	m	MS/MSD %R	63,66	75-125 %
4401829433	RI-2-10.0-20170425	4/25/2017	6020A	7440-36-0	Antimony		UF1	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	60,58	75-125 %
4401829433	RI-2-20.0-20170425	4/25/2017	6020A	7440-36-0	Antimony		U	0.76	1.9	mg/kg	UJ	m	MS/MSD %R	60,58	75-125 %
4401829433	RI-2-30.0-20170425	4/25/2017	6020A	7440-36-0	Antimony		U	0.70	1.8	mg/kg	UJ	m	MS/MSD %R	60,58	75-125 %
4401829433	RI-2-5.0-20170425	4/25/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	60,58	75-125 %
4401832933	M-5D-20170501	5/1/2017	6020A	7440-61-1	Uranium-238	21	J	10	25	ug/l	J	sp	< PQL		
4401834233	M-125D-20170502	5/2/2017	6020A	7440-61-1	Uranium-238	15	J	10	25	ug/l	J	sp	< PQL		
4401834233	M-65D-20170502	5/2/2017	6020A	7440-61-1	Uranium-238	6.3	J	4.0	10	ug/l	J	sp	< PQL		
4401834233	M-65D-20170502-FD	5/2/2017	6020A	7440-61-1	Uranium-238	6.4	J	4.0	10	ug/l	J	sp	< PQL		
4401834243	RI-13-10.0-20170502	5/2/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	68,69	75-125 %
4401834243	RI-13-20.0-20170502	5/2/2017	6020A	7440-36-0	Antimony		U	0.55	1.4	mg/kg	UJ	m	MS/MSD %R	68,69	75-125 %
4401834243	RI-13-30.0-20170502	5/2/2017	6020A	7440-36-0	Antimony		U	0.56	1.4	mg/kg	UJ	m	MS/MSD %R	68,69	75-125 %
4401834243	RI-13-5.0-20170502	5/2/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	68,69	75-125 %
4401834263	RIDB-16-1.0-20170501	5/1/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	68,69	75-125 %
4401834263	RIDB-16-10.0-20170502	5/2/2017	6020A	7440-36-0	Antimony		U	0.47	1.2	mg/kg	UJ	m	MS/MSD %R	68,69	75-125 %
4401834263	RIDB-16-20.0-20170502	5/2/2017	6020A	7440-36-0	Antimony		U	0.54	1.3	mg/kg	UJ	m	MS/MSD %R	68,69	75-125 %
4401834263	RIDB-16-30.0-20170502	5/2/2017	6020A	7440-36-0	Antimony		U	0.68	1.7	mg/kg	UJ	m	MS/MSD %R	68,69	75-125 %
4401834263	RIDB-16-5.0-20170502	5/2/2017	6020A	7440-36-0	Antimony		U	0.46	1.2	mg/kg	UJ	m	MS/MSD %R	68,69	75-125 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401834263	RIDB-16-5.0-20170502	5/2/2017	6020A	7440-38-2	Arsenic	0.94	J	0.92	2.3	mg/kg	J	sp	< PQL			
4401835743	RI-12-10.0-20170503	5/3/2017	6020A	7440-36-0	Antimony		UF1	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	68,69	75-125	%
4401835743	RI-12-20.0-20170503	5/3/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	68,69	75-125	%
4401835743	RI-12-30.0-20170503	5/3/2017	6020A	7440-36-0	Antimony		U	0.78	1.9	mg/kg	UJ	m	MS/MSD %R	68,69	75-125	%
4401835743	RI-12-30.0-20170503-FD	5/3/2017	6020A	7440-36-0	Antimony		U	0.81	2.0	mg/kg	UJ	m	MS/MSD %R	68,69	75-125	%
4401835743	RI-12-5.0-20170503	5/3/2017	6020A	7440-36-0	Antimony		U	0.54	1.4	mg/kg	UJ	m	MS/MSD %R	68,69	75-125	%
4401836832	M-36D-20170504	5/4/2017	6020A	7440-61-1	Uranium-238	15	J	10	25	ug/l	J	sp	< PQL			
4401837023	RI-22-1.0-20170504	5/4/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	68,69	75-125	%
4401837023	RI-22-10.0-20170504	5/4/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	68,69	75-125	%
4401837023	RI-22-20.0-20170504	5/4/2017	6020A	7440-36-0	Antimony		U	0.67	1.7	mg/kg	UJ	m	MS/MSD %R	68,69	75-125	%
4401837023	RI-22-30.0-20170504	5/4/2017	6020A	7440-36-0	Antimony		U	0.78	1.9	mg/kg	UJ	m	MS/MSD %R	68,69	75-125	%
4401837023	RI-22-40.0-20170504	5/4/2017	6020A	7440-36-0	Antimony		U	0.76	1.9	mg/kg	UJ	m	MS/MSD %R	68,69	75-125	%
4401837023	RI-22-5.0-20170504	5/4/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	68,69	75-125	%
4401848583	RI-27-1.0-20170519	5/19/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401848583	RI-27-10.0-20170519	5/19/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401848583	RI-27-20.0-20170519	5/19/2017	6020A	7440-36-0	Antimony		U	2.1	5.2	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401848583	RI-27-30.0-20170519	5/19/2017	6020A	7440-36-0	Antimony		U	0.77	1.9	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401848583	RI-27-40.0-20170519	5/19/2017	6020A	7440-36-0	Antimony		U	0.63	1.6	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401848583	RI-27-5.0-20170519	5/19/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401848583	RI-6-10.0-20170518	5/18/2017	6020A	7440-36-0	Antimony		U	0.57	1.4	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401848583	RI-6-5.0-20170518	5/18/2017	6020A	7440-36-0	Antimony		UF1	0.62	1.6	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401848583	RIDB-29-1.0-20170519	5/19/2017	6020A	7440-36-0	Antimony		U	0.46	1.2	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401848583	RIDB-29-10.0-20170519	5/19/2017	6020A	7440-36-0	Antimony		U	0.50	1.2	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401848583	RIDB-29-5.0-20170519	5/19/2017	6020A	7440-36-0	Antimony		U	0.49	1.2	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401849503	RIDB-29-20.0-20170522	5/22/2017	6020A	7440-36-0	Antimony		U	0.50	1.2	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401849503	RIDB-29-30.0-20170522	5/22/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	58,62	75-125	%
4401854763	RI-23-20.0-20170530	5/30/2017	6020A	7440-36-0	Antimony	0.71	JF1	0.59	1.5	mg/kg	J-	m,sp	MS/MSD %R; < PQL	44,44	75-125	%
4401854763	RI-23-30.0-20170530	5/30/2017	6020A	7440-36-0	Antimony	1.0	J	0.77	1.9	mg/kg	J-	m,sp	MS/MSD %R; < PQL	44,44	75-125	%
4401854763	RI-23-40.0-20170530	5/30/2017	6020A	7440-36-0	Antimony	0.89	J	0.69	1.7	mg/kg	J-	m,sp	MS/MSD %R; < PQL	44,44	75-125	%
4401863513	RI-17-10.0-20170612	6/12/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401863513	RI-17-20.0-20170612	6/12/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401863513	RI-17-30.0-20170612	6/12/2017	6020A	7440-36-0	Antimony		U	0.61	1.5	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401863513	RI-17-5.0-20170612	6/12/2017	6020A	7440-36-0	Antimony		UF1	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401865173	RI-28-1.0-20170614	6/14/2017	6020A	7440-36-0	Antimony	0.49	J	0.48	1.2	mg/kg	J-	m,sp	MS/MSD %R; < PQL	52,51	75-125	%
4401865173	RI-28-10.0-20170614	6/14/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401865173	RI-28-20.0-20170614	6/14/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401865173	RI-28-30.0-20170614	6/14/2017	6020A	7440-36-0	Antimony		U	0.54	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401865173	RI-28-40.0-20170614	6/14/2017	6020A	7440-36-0	Antimony		U	0.70	1.8	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401865173	RI-28-5.0-20170614	6/14/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401866343	RI-11-10.0-20170615	6/15/2017	6020A	7440-36-0	Antimony		U	0.47	1.2	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401866343	RI-11-20.0-20170615	6/15/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401866343	RI-11-30.0-20170615	6/15/2017	6020A	7440-36-0	Antimony		U	0.50	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401866343	RI-11-5.0-20170615	6/15/2017	6020A	7440-36-0	Antimony		U	0.54	1.4	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401867203	RI-26-1.0-20170616	6/16/2017	6020A	7440-36-0	Antimony		U	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401867203	RI-26-10.0-20170616	6/16/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401867203	RI-26-20.0-20170616	6/16/2017	6020A	7440-36-0	Antimony		U	0.53	1.3	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401867203	RI-26-5.0-20170616	6/16/2017	6020A	7440-36-0	Antimony		U	0.48	1.2	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401867203	RI-26-5.0-20170616-FD	6/16/2017	6020A	7440-38-2	Arsenic	2.2	J	0.92	2.3	mg/kg	J	sp	< PQL			
4401867203	RI-26-5.0-20170616-FD	6/16/2017	6020A	7440-36-0	Antimony		U	0.46	1.2	mg/kg	UJ	m	MS/MSD %R	52,51	75-125	%
4401867863	RI-26-30.0-20170616	6/16/2017	6020A	7440-36-0	Antimony		UF1	0.22	0.54	mg/kg	UJ	m	MS/MSD %R	74,-	75-125	%
4401867863	RI-26-40.0-20170616	6/16/2017	6020A	7440-36-0	Antimony		U	0.74	1.9	mg/kg	UJ	m	MS/MSD %R	74,-	75-125	%
4401875333	RI-3-10.0-20170629	6/29/2017	6020A	7440-36-0	Antimony		U	0.47	1.2	mg/kg	UJ	m	MS/MSD %R	64,62	75-125	%
4401875333	RI-3-20.0-20170629	6/29/2017	6020A	7440-36-0	Antimony		U	2.3	5.7	mg/kg	UJ	m	MS/MSD %R	64,62	75-125	%
4401875333	RI-3-5.0-20170629	6/29/2017	6020A	7440-36-0	Antimony		UF1	0.51	1.3	mg/kg	UJ	m	MS/MSD %R	64,62	75-125	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401875893	RI-4-5.0-20170630	6/30/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	64,62	75-125 %
4401875943	RI-4-10.0-20170630	6/30/2017	6020A	7440-36-0	Antimony		U	0.52	1.3	mg/kg	UJ	m	MS/MSD %R	64,62	75-125 %
4401875943	RI-4-20.0-20170630	6/30/2017	6020A	7440-36-0	Antimony		U	0.46	1.2	mg/kg	UJ	m	MS/MSD %R	64,62	75-125 %
4401875943	RI-4-30.0-20170630	6/30/2017	6020A	7440-36-0	Antimony		U	0.62	1.5	mg/kg	UJ	m	MS/MSD %R	64,62	75-125 %
4401875943	RI-4-30.0-20170630-FD	6/30/2017	6020A	7440-36-0	Antimony		U	0.60	1.5	mg/kg	UJ	m	MS/MSD %R	64,62	75-125 %
4401778261	RIDB-8-5.0-20170222	2/22/2017	7471A	7439-97-6	Mercury	0.015	J	0.013	0.022	mg/kg	J	sp	< PQL		
4401778261	RIDB-9-5.0-20170222	2/22/2017	7471A	7439-97-6	Mercury	0.014	J	0.013	0.022	mg/kg	J	sp	< PQL		
4401780271	RIDB-14-1.0-20170223	2/23/2017	7471A	7439-97-6	Mercury	0.016	J	0.013	0.022	mg/kg	J	sp	< PQL		
4401781721	RIDB-10-1.0-20170223	2/23/2017	7471A	7439-97-6	Mercury	0.018	J	0.013	0.021	mg/kg	J	sp	< PQL		
4401781721	RIDB-10-10.0-20170224	2/24/2017	7471A	7439-97-6	Mercury	0.013	J	0.013	0.021	mg/kg	J	sp	< PQL		
4401790221	RIDB-4-5.0-20170307	3/7/2017	7471A	7439-97-6	Mercury	0.019	J	0.013	0.022	mg/kg	J	sp	< PQL		
4401792801	RIDB-17-1.0-20170309	3/9/2017	7471A	7439-97-6	Mercury	0.019	J	0.013	0.022	mg/kg	J	sp	< PQL		
4401792801	RIDB-2-10.0-20170309	3/9/2017	7471A	7439-97-6	Mercury	0.015	J	0.014	0.023	mg/kg	J	sp	< PQL		
4401794561	RIDB-7-5.0-20170312	3/12/2017	7471A	7439-97-6	Mercury	0.015	J	0.013	0.022	mg/kg	J	sp	< PQL		
4401801011	RIDB-11-1.0-20170320	3/20/2017	7471A	7439-97-6	Mercury	0.015	J	0.013	0.022	mg/kg	J	sp	< PQL		
4401801011	RIDB-11-10.0-20170320	3/20/2017	7471A	7439-97-6	Mercury	0.014	J	0.013	0.022	mg/kg	J	sp	< PQL		
4401801011	RIDB-19-1.0-20170320	3/20/2017	7471A	7439-97-6	Mercury	0.019	J	0.012	0.021	mg/kg	J	sp	< PQL		
4401801011	RIDB-19-5.0-20170320	3/20/2017	7471A	7439-97-6	Mercury	0.016	J	0.013	0.022	mg/kg	J	sp	< PQL		
4401803311	RIDB-12-1.0-20170321	3/21/2017	7471A	7439-97-6	Mercury	0.015	J	0.013	0.022	mg/kg	J	sp	< PQL		
4401803311	RIDB-12-10.0-20170322	3/22/2017	7471A	7439-97-6	Mercury	0.016	J	0.013	0.021	mg/kg	J-	m,sp	MS/MSD %R; < PQL	68,60	70-130 %
4401803311	RIDB-12-20.0-20170322	3/22/2017	7471A	7439-97-6	Mercury	0.019	JF1	0.013	0.022	mg/kg	J-	m,sp	MS/MSD %R; < PQL	68,60	70-130 %
4401804391	RIDB-25-1.0-20170323	3/23/2017	7471A	7439-97-6	Mercury	0.012	J	0.012	0.020	mg/kg	J	sp	< PQL		
4401804391	RIDB-25-30.0-20170323	3/23/2017	7471A	7439-97-6	Mercury		U	0.018	0.030	mg/kg	UJ	m	MS/MSD %R	68,60	70-130 %
4401804391	RIDB-28-10.0-20170323	3/23/2017	7471A	7439-97-6	Mercury	0.015	J	0.013	0.021	mg/kg	J-	m,sp	MS/MSD %R; < PQL	68,60	70-130 %
4401804391	RIDB-28-30.0-20170323	3/23/2017	7471A	7439-97-6	Mercury		U	0.012	0.021	mg/kg	UJ	m	MS/MSD %R	68,60	70-130 %
4401804391	RIDB-28-5.0-20170322	3/22/2017	7471A	7439-97-6	Mercury		U	0.013	0.021	mg/kg	UJ	m	MS/MSD %R	68,60	70-130 %
4401805931	RIDB-24-1.0-20170323	3/23/2017	7471A	7439-97-6	Mercury		U	0.012	0.020	mg/kg	UJ	m	MS/MSD %R	68,60	70-130 %
4401805931	RIDB-24-20.0-20170324	3/24/2017	7471A	7439-97-6	Mercury		U	0.013	0.021	mg/kg	UJ	m	MS/MSD %R	68,60	70-130 %
4401805931	RIDB-24-30.0-20170324	3/24/2017	7471A	7439-97-6	Mercury		U	0.013	0.021	mg/kg	UJ	m	MS/MSD %R	68,60	70-130 %
4401805931	RIDB-24-5.0-20170323	3/23/2017	7471A	7439-97-6	Mercury		U	0.013	0.022	mg/kg	UJ	m	MS/MSD %R	68,60	70-130 %
4401805931	RIDB-26-1.0-20170323	3/23/2017	7471A	7439-97-6	Mercury		U	0.012	0.020	mg/kg	UJ	m	MS/MSD %R	68,60	70-130 %
4401805931	RIDB-26-20.0-20170324	3/24/2017	7471A	7439-97-6	Mercury		U	0.013	0.021	mg/kg	UJ	m	MS/MSD %R	68,60	70-130 %
4401805931	RIDB-26-30.0-20170324	3/24/2017	7471A	7439-97-6	Mercury		U	0.019	0.032	mg/kg	UJ	m	MS/MSD %R	68,60	70-130 %
4401805931	RIDB-26-5.0-20170323	3/23/2017	7471A	7439-97-6	Mercury		U	0.013	0.022	mg/kg	UJ	m	MS/MSD %R	68,60	70-130 %
4401814201	RI-5-10.0-20170405	4/5/2017	7471A	7439-97-6	Mercury	0.024	J	0.016	0.027	mg/kg	J	sp	< PQL		
4401814201	RI-5-20.0-20170405	4/5/2017	7471A	7439-97-6	Mercury	0.020	J	0.019	0.032	mg/kg	J	sp	< PQL		
4401814201	RI-5-30.0-20170405	4/5/2017	7471A	7439-97-6	Mercury	0.018	J	0.018	0.030	mg/kg	J	sp	< PQL		
4401817221	RI-9-10.0-20170408	4/8/2017	7471A	7439-97-6	Mercury	0.013	J	0.013	0.022	mg/kg	J	sp	< PQL		
4401824941	RI-24-10.0-20170418	4/18/2017	7471A	7439-97-6	Mercury	0.013	J	0.013	0.022	mg/kg	J+	c,sp	Calibration %R; < PQL	132	70-130 %
4401824981	RI-25-10.0-20170418	4/18/2017	7471A	7439-97-6	Mercury	0.014	J	0.013	0.022	mg/kg	J+	c,sp	Calibration %R; < PQL	132	70-130 %
4401828041	RI-21-20.0-20170422	4/22/2017	7471A	7439-97-6	Mercury	0.017	J	0.012	0.021	mg/kg	J	sp	< PQL		
4401828041	RI-21-5.0-20170422	4/22/2017	7471A	7439-97-6	Mercury	0.017	J	0.013	0.021	mg/kg	J	sp	< PQL		
4401834261	RIDB-16-1.0-20170501	5/1/2017	7471A	7439-97-6	Mercury	0.017	J	0.012	0.021	mg/kg	J	sp	< PQL		
4401835741	RI-12-10.0-20170503	5/3/2017	7471A	7439-97-6	Mercury	0.19	F1F2	0.013	0.022	mg/kg	J	m,ld	MS/MSD %R, RPD	-,140; 39	70-130; 20 %
4401835741	RI-12-20.0-20170503	5/3/2017	7471A	7439-97-6	Mercury	0.46		0.013	0.022	mg/kg	J	m,ld	MS/MSD %R, RPD	-,140; 39	70-130; 20 %
4401835741	RI-12-30.0-20170503	5/3/2017	7471A	7439-97-6	Mercury	0.19		0.020	0.034	mg/kg	J	m,ld	MS/MSD %R, RPD	-,140; 39	70-130; 20 %
4401835741	RI-12-30.0-20170503-FD	5/3/2017	7471A	7439-97-6	Mercury	0.21		0.021	0.035	mg/kg	J	m,ld	MS/MSD %R, RPD	-,140; 39	70-130; 20 %
4401835741	RI-12-5.0-20170503	5/3/2017	7471A	7439-97-6	Mercury	0.082		0.013	0.022	mg/kg	J	m,ld	MS/MSD %R, RPD	-,140; 39	70-130; 20 %
4401837021	RI-22-1.0-20170504	5/4/2017	7471A	7439-97-6	Mercury	0.085		0.013	0.021	mg/kg	J	m,ld	MS/MSD %R, RPD	-,140; 39	70-130; 20 %
4401837021	RI-22-10.0-20170504	5/4/2017	7471A	7439-97-6	Mercury	0.21		0.013	0.021	mg/kg	J	m,ld	MS/MSD %R, RPD	-,140; 39	70-130; 20 %
4401837021	RI-22-20.0-20170504	5/4/2017	7471A	7439-97-6	Mercury	0.40		0.017	0.028	mg/kg	J	m,ld	MS/MSD %R, RPD	-,140; 39	70-130; 20 %
4401837021	RI-22-30.0-20170504	5/4/2017	7471A	7439-97-6	Mercury	0.10		0.019	0.032	mg/kg	J	m,ld	MS/MSD %R, RPD	-,140; 39	70-130; 20 %
4401837021	RI-22-40.0-20170504	5/4/2017	7471A	7439-97-6	Mercury	0.12		0.018	0.031	mg/kg	J	m,ld	MS/MSD %R, RPD	-,140; 39	70-130; 20 %
4401837021	RI-22-5.0-20170504	5/4/2017	7471A	7439-97-6	Mercury	0.037		0.013	0.021	mg/kg	J	m,ld	MS/MSD %R, RPD	-,140; 39	70-130; 20 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401847231	RI-23-2.0-20170517	5/17/2017	7471A	7439-97-6	Mercury	0.020	J	0.013	0.022	mg/kg	J	sp	< PQL			
4401848581	RI-27-10.0-20170519	5/19/2017	7471A	7439-97-6	Mercury	0.013	J	0.013	0.022	mg/kg	J	sp	< PQL			
4401848581	RIDB-29-5.0-20170519	5/19/2017	7471A	7439-97-6	Mercury	0.013	J	0.013	0.021	mg/kg	J	sp	< PQL			
4401854761	RI-23-30.0-20170530	5/30/2017	7471A	7439-97-6	Mercury	0.025	J	0.019	0.031	mg/kg	J	sp	< PQL			
4401863511	RI-17-10.0-20170612	6/12/2017	7471A	7439-97-6	Mercury	0.013	J	0.013	0.021	mg/kg	J	sp	< PQL			
4401863511	RI-17-5.0-20170612	6/12/2017	7471A	7439-97-6	Mercury	0.017	J	0.013	0.021	mg/kg	J	sp	< PQL			
4401866341	RI-11-5.0-20170615	6/15/2017	7471A	7439-97-6	Mercury	0.018	J	0.013	0.021	mg/kg	J	sp	< PQL			
4401875941	RI-4-10.0-20170630	6/30/2017	7471A	7439-97-6	Mercury	0.020	J	0.013	0.022	mg/kg	J	sp	< PQL			
4401875941	RI-4-40.0-20170630	6/30/2017	7471A	7439-97-6	Mercury	0.025	J	0.017	0.029	mg/kg	J	sp	< PQL			
4401835531	M-201-20170503	5/3/2017	218.6	18540-29-9	Chromium VI	11		0.25	1.0	ug/l	J-	m	MS/MSD %R	87,85	90-110	%
4401835531	M-215-20170503	5/3/2017	218.6	18540-29-9	Chromium VI	920		25	100	ug/l	J-	m	MS/MSD %R	87,85	90-110	%
4401835531	M-219-20170503	5/3/2017	218.6	18540-29-9	Chromium VI	1700		250	1000	ug/l	J-	m	MS/MSD %R	87,85	90-110	%
4401835531	M-221-20170503	5/3/2017	218.6	18540-29-9	Chromium VI	18		0.25	1.0	ug/l	J-	m	MS/MSD %R	87,85	90-110	%
4401835531	M-222-20170503	5/3/2017	218.6	18540-29-9	Chromium VI	18	F1	0.25	1.0	ug/l	J-	m	MS/MSD %R	87,85	90-110	%
4401835531	M-81D-20170503	5/3/2017	218.6	18540-29-9	Chromium VI	3100		250	1000	ug/l	J-	m	MS/MSD %R	87,85	90-110	%
4401778261	RIDB-8-70.0-20170222	2/22/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.4	J	2.0	2.7	mg/kg	J	sp	< PQL			
4401780271	RIDB-14-20.0-20170223	2/23/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.4	J	1.2	1.6	mg/kg	J	sp	< PQL			
4401780271	RIDB-9-70.0-20170223	2/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.8	J	5.9	8.4	mg/kg	J	sp	< PQL			
4401781721	RIDB-13-20.0-20170224	2/24/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.6	J	1.2	1.7	mg/kg	J	sp	< PQL			
4401781721	RIDB-13-60.0-20170224	2/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.2	J	5.4	7.7	mg/kg	J	sp	< PQL			
4401781721	RIDB-14-70.0-20170224	2/24/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.0	J	1.8	2.5	mg/kg	J	sp	< PQL			
4401781721	RIDB-14-80.0-20170224	2/24/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.8	2.4	mg/kg	UJ	m	MS/MSD %R	-,78	80-120	%
4401781721	RIDB-14-80.0-20170224	2/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.9	JF1	5.6	8.0	mg/kg	J-	m,sp	MS/MSD %R; < PQL	-,78	80-120	%
4401781721	RIDB-14-90.0-20170224	2/24/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.5	J	1.4	1.9	mg/kg	J	sp	< PQL			
4401781721	RIDB-9-90.0-20170223	2/23/2017	300.0	14797-65-0	Nitrite	2.5	JF1	1.9	2.6	mg/kg	J-	m,sp	MS/MSD %R; < PQL	-,78	80-120	%
4401781721	RIDB-9-90.0-20170223	2/23/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	3.9		1.9	2.6	mg/kg	J-	m	MS/MSD %R	-,78	80-120	%
4401781721	RIDB-9-90.0-20170223	2/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.1	J	6.1	8.7	mg/kg	J	sp	< PQL			
4401783021	RIDB-10-40.0-20170224	2/24/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.7	J	1.6	2.1	mg/kg	J	sp	< PQL			
4401783021	RIDB-10-70.0-20170225	2/25/2017	300.0	14797-55-8_NO3	Nitrate as NO3	8.4	J	6.2	8.8	mg/kg	J	sp	< PQL			
4401783021	RIDB-10-70.0-20170225	2/25/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.9	2.6	mg/kg	J	sp	< PQL			
4401783021	RIDB-10-80.0-20170225	2/25/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.7	2.3	mg/kg	J	sp	< PQL			
4401783021	RIDB-10-80.0-20170225-FD	2/25/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.6	2.2	mg/kg	J	sp	< PQL			
4401783021	RIDB-10-90.0-20170225	2/25/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.6	6.6	mg/kg	UJ	ld	MS/MSD RPD	24	20	%
4401783021	RIDB-10-90.0-20170225	2/25/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.4	2.0	mg/kg	UJ	ld	MS/MSD RPD	24,30	20	%
4401783021	RIDB-10-90.0-20170225	2/25/2017	300.0	14797-65-0	Nitrite		U	1.4	2.0	mg/kg	UJ	ld	MS/MSD RPD	30	20	%
4401783021	RIDB-13-70.0-20170224	2/24/2017	300.0	14797-65-0	Nitrite		U	2.4	3.3	mg/kg	UJ	ld	MS/MSD RPD	30	20	%
4401783021	RIDB-13-70.0-20170224	2/24/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	2.4	3.3	mg/kg	UJ	ld	MS/MSD RPD	24,30	20	%
4401783021	RIDB-13-70.0-20170224	2/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.8	J	7.8	11	mg/kg	J	m,ld,sp	MS/MSD %R, RPD; < PQL	-,134; 24	80-120; 20	%
4401783021	RIDB-13-80.0-20170224	2/24/2017	300.0	14797-65-0	Nitrite		U	1.6	2.2	mg/kg	UJ	ld	MS/MSD RPD	30	20	%
4401783021	RIDB-13-80.0-20170224	2/24/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.6	2.2	mg/kg	UJ	ld	MS/MSD RPD	24,30	20	%
4401783021	RIDB-13-80.0-20170224	2/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.3	J	5.1	7.3	mg/kg	J	m,ld,sp	MS/MSD %R, RPD; < PQL	-,134; 24	80-120; 20	%
4401783021	RIDB-13-90.0-20170224	2/24/2017	300.0	14797-65-0	Nitrite		U	1.6	2.2	mg/kg	UJ	ld	MS/MSD RPD	30	20	%
4401783021	RIDB-13-90.0-20170224	2/24/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.6	2.2	mg/kg	UJ	ld	MS/MSD RPD	24,30	20	%
4401783021	RIDB-13-90.0-20170224	2/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.0	7.2	mg/kg	UJ	ld	MS/MSD RPD	24	20	%
4401783021	RIDB-6-0.5-20170225	2/25/2017	300.0	14797-55-8_NO3	Nitrate as NO3	64		3.9	5.6	mg/kg	J	m,ld	MS/MSD %R, RPD	-,134; 24	80-120; 20	%
4401783021	RIDB-6-0.5-20170225	2/25/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	14		1.2	1.7	mg/kg	J	m,ld	MS/MSD %R, RPD	-,134; 24,30	80-120; 20	%
4401783021	RIDB-6-0.5-20170225	2/25/2017	300.0	14797-65-0	Nitrite		U	1.2	1.7	mg/kg	UJ	ld	MS/MSD RPD	30	20	%
4401783021	RIDB-6-10.0-20170226	2/26/2017	300.0	14797-65-0	Nitrite		U	1.2	1.6	mg/kg	UJ	ld	MS/MSD RPD	30	20	%
4401783021	RIDB-6-10.0-20170226	2/26/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	11		1.2	1.6	mg/kg	J	m,ld	MS/MSD %R, RPD	-,134; 24,30	80-120; 20	%
4401783021	RIDB-6-10.0-20170226	2/26/2017	300.0	14797-55-8_NO3	Nitrate as NO3	48		3.8	5.4	mg/kg	J	m,ld	MS/MSD %R, RPD	-,134; 24	80-120; 20	%
4401783021	RIDB-6-20.0-20170226	2/26/2017	300.0	14797-55-8_NO3	Nitrate as NO3	17	F2F1	4.9	7.0	mg/kg	J	m,ld	MS/MSD %R, RPD	-,134; 24	80-120; 20	%
4401783021	RIDB-6-20.0-20170226	2/26/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	3.8		1.5	2.1	mg/kg	J	m,ld	MS/MSD %R, RPD	-,134; 24,30	80-120; 20	%
4401783021	RIDB-6-20.0-20170226	2/26/2017	300.0	14797-65-0	Nitrite		UF2F1	1.5	2.1	mg/kg	UJ	ld	MS/MSD RPD	30	20	%
4401783021	RIDB-6-30.0-20170226	2/26/2017	300.0	14797-65-0	Nitrite		U	1.7	2.3	mg/kg	UJ	ld	MS/MSD RPD	30	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401783021	RIDB-6-30.0-20170226	2/26/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.7	2.3	mg/kg	UJ	ld	MS/MSD RPD	24,30	20 %
4401783021	RIDB-6-30.0-20170226	2/26/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.3	7.6	mg/kg	UJ	ld	MS/MSD RPD	24	20 %
4401783021	RIDB-6-40.0-20170226	2/26/2017	300.0	14797-65-0	Nitrite		U	1.9	2.5	mg/kg	UJ	ld	MS/MSD RPD	30	20 %
4401783021	RIDB-6-40.0-20170226	2/26/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.9	8.4	mg/kg	UJ	ld	MS/MSD RPD	24	20 %
4401783021	RIDB-6-40.0-20170226	2/26/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.9	2.5	mg/kg	UJ	ld	MS/MSD RPD	24,30	20 %
4401783021	RIDB-6-5.0-20170225	2/25/2017	300.0	14797-65-0	Nitrite		U	1.2	1.6	mg/kg	UJ	ld	MS/MSD RPD	30	20 %
4401783021	RIDB-6-5.0-20170225	2/25/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	8.2		1.2	1.6	mg/kg	J	m,ld	MS/MSD %R, RPD	-,134; 24,30	80-120; 20 %
4401783021	RIDB-6-5.0-20170225	2/25/2017	300.0	14797-55-8_NO3	Nitrate as NO3	36		3.8	5.5	mg/kg	J	m,ld	MS/MSD %R, RPD	-,134; 24	80-120; 20 %
4401783021	RIDB-6-5.0-20170225-FD	2/25/2017	300.0	14797-55-8_NO3	Nitrate as NO3	36		3.8	5.4	mg/kg	J	m,ld	MS/MSD %R, RPD	-,134; 24	80-120; 20 %
4401783021	RIDB-6-5.0-20170225-FD	2/25/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	8.1		1.2	1.6	mg/kg	J	m,ld	MS/MSD %R, RPD	-,134; 24,30	80-120; 20 %
4401783021	RIDB-6-5.0-20170225-FD	2/25/2017	300.0	14797-65-0	Nitrite		U	1.2	1.6	mg/kg	UJ	ld	MS/MSD RPD	30	20 %
4401783021	RIDB-6-50.0-20170226	2/26/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	2.0	2.7	mg/kg	UJ	ld	MS/MSD RPD	24,30	20 %
4401783021	RIDB-6-50.0-20170226	2/26/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	6.4	9.1	mg/kg	UJ	ld	MS/MSD RPD	24	20 %
4401783021	RIDB-6-50.0-20170226	2/26/2017	300.0	14797-65-0	Nitrite		U	2.0	2.7	mg/kg	UJ	ld	MS/MSD RPD	30	20 %
4401783021	RIDB-6-60.0-20170226	2/26/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.3	7.6	mg/kg	UJ	ld	MS/MSD RPD	24	20 %
4401783021	RIDB-6-60.0-20170226	2/26/2017	300.0	14797-65-0	Nitrite		U	1.7	2.3	mg/kg	UJ	ld	MS/MSD RPD	30	20 %
4401783021	RIDB-6-60.0-20170226	2/26/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.7	2.3	mg/kg	UJ	ld	MS/MSD RPD	24,30	20 %
4401790221	RIDB-4-5.0-20170307	3/7/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.3	J	3.9	5.5	mg/kg	J	sp	< PQL		
4401791531	RIDB-20-20.0-20170308	3/8/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.5	J	1.2	1.7	mg/kg	J	sp	< PQL		
4401791531	RIDB-20-70.0-20170308	3/8/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.7	J	5.2	7.4	mg/kg	J	sp	< PQL		
4401792801	RIDB-17-30.0-20170309	3/9/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	11		1.6	2.2	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401792801	RIDB-17-30.0-20170309	3/9/2017	300.0	14797-55-8_NO3	Nitrate as NO3	48	F1	5.0	7.2	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401794191	RIDB-15-1.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	5.5		1.2	1.6	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-1.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	24		3.8	5.5	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-10.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	37		3.9	5.5	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-10.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	8.4		1.2	1.7	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-20.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.6		1.2	1.6	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-20.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.1		3.7	5.3	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-30.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	320		5.3	7.6	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-30.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	72		1.7	2.3	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-40.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	12		1.4	1.9	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-40.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	54	F1	4.4	6.3	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-5.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	7.2		1.2	1.7	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-5.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	32		4.0	5.6	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-50.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	4.5		1.9	2.5	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-15-50.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	20		5.9	8.4	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-17-70.0-20170309	3/9/2017	300.0	14797-55-8_NO3	Nitrate as NO3	14		5.6	8.1	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-17-70.0-20170309	3/9/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	3.2		1.8	2.4	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-17-80.0-20170309	3/9/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.4	7.6	mg/kg	UJ	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-17-80.0-20170309	3/9/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.7	2.3	mg/kg	UJ	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-17-90.0-20170309	3/9/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.0	mg/kg	UJ	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-17-90.0-20170309	3/9/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.6	6.6	mg/kg	UJ	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-3-0.5-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.5		1.2	1.6	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-3-0.5-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	11		3.7	5.3	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-3-10.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	770		38	55	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-3-10.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	170		8.8	12	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-3-20.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	1100		43	62	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-3-20.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	250		9.9	14	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-3-30.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	8.7		1.6	2.2	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-3-30.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	39		5.2	7.4	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-3-40.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	3.9		1.8	2.4	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-3-40.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	17		5.6	8.0	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-3-5.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	180		8.8	12	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %
4401794191	RIDB-3-5.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	500		38	55	mg/kg	J-	m	MS/MSD %R	-,73	80-120 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401794191	RIDB-3-50.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.9	7.0	mg/kg	UJ	m	MS/MSD %R	-,73	80-120	%
4401794191	RIDB-3-50.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.1	mg/kg	UJ	m	MS/MSD %R	-,73	80-120	%
4401794191	RIDB-3-60.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.0	7.2	mg/kg	UJ	m	MS/MSD %R	-,73	80-120	%
4401794191	RIDB-3-60.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.6	2.2	mg/kg	UJ	m	MS/MSD %R	-,73	80-120	%
4401794191	RIDB-3-60.0-20170310-FD	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.1	mg/kg	UJ	m	MS/MSD %R	-,73	80-120	%
4401794191	RIDB-3-60.0-20170310-FD	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.9	7.0	mg/kg	UJ	m	MS/MSD %R	-,73	80-120	%
4401794191	RIDB-3-70.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.7	2.3	mg/kg	UJ	m	MS/MSD %R	-,73	80-120	%
4401794191	RIDB-3-70.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.5	7.8	mg/kg	UJ	m	MS/MSD %R	-,73	80-120	%
4401794191	RIDB-3-80.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.7	2.4	mg/kg	UJ	m	MS/MSD %R	-,73	80-120	%
4401794191	RIDB-3-80.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.7	J	5.5	7.9	mg/kg	J-	m,sp	MS/MSD %R; < PQL	-,73	80-120	%
4401794191	RIDB-3-90.0-20170310	3/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.3	7.6	mg/kg	UJ	m	MS/MSD %R	-,73	80-120	%
4401794191	RIDB-3-90.0-20170310	3/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.7	2.3	mg/kg	UJ	m	MS/MSD %R	-,73	80-120	%
4401794561	RI-16-20.0-20170312	3/12/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.1	J	3.9	5.5	mg/kg	J	sp	< PQL			
4401794561	RI-16-30.0-20170312	3/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.6	J	1.2	1.7	mg/kg	J	sp	< PQL			
4401794561	RI-16-50.0-20170312	3/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.1	J	1.7	2.3	mg/kg	J	sp	< PQL			
4401794561	RI-16-70.0-20170312	3/12/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.8	J	6.1	8.7	mg/kg	J	sp	< PQL			
4401794561	RIDB-15-80.0-20170311	3/11/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.0	J	5.7	8.1	mg/kg	J	sp	< PQL			
4401794561	RIDB-15-80.0-20170311-FD	3/11/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.5	J	5.8	8.2	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-10.0-20170311	3/11/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.1	J	4.0	5.7	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-20.0-20170311	3/11/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.8	J	4.4	6.3	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-40.0-20170311	3/11/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.7	J	4.8	6.9	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-80.0-20170311	3/11/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.7	J	6.3	9.1	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-90.0-20170311	3/11/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.5	J	6.4	9.2	mg/kg	J	sp	< PQL			
4401794561	RIDB-7-20.0-20170312	3/12/2017	300.0	14797-55-8_NO3	Nitrate as NO3	26		4.7	6.7	mg/kg	J	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-20.0-20170312	3/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	5.9		1.5	2.0	mg/kg	J	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-30.0-20170312	3/12/2017	300.0	14797-55-8_NO3	Nitrate as NO3	10		6.4	9.2	mg/kg	J	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-30.0-20170312	3/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.3	J	2.0	2.8	mg/kg	J	ld,sp	MS/MSD RPD; < PQL	22	20	%
4401794561	RIDB-7-40.0-20170312	3/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.6	2.1	mg/kg	UJ	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-40.0-20170312	3/12/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.9	7.1	mg/kg	UJ	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-50.0-20170312	3/12/2017	300.0	14797-55-8_NO3	Nitrate as NO3		UF2	5.7	8.2	mg/kg	UJ	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-50.0-20170312	3/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.8	2.5	mg/kg	UJ	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-60.0-20170312	3/12/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.7	6.7	mg/kg	UJ	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-60.0-20170312	3/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.0	mg/kg	UJ	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-70.0-20170312	3/12/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.9	7.0	mg/kg	UJ	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-70.0-20170312	3/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.1	mg/kg	UJ	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-80.0-20170312	3/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.6	2.2	mg/kg	UJ	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-80.0-20170312	3/12/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.2	7.4	mg/kg	UJ	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-90.0-20170312	3/12/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.8	8.2	mg/kg	UJ	ld	MS/MSD RPD	22	20	%
4401794561	RIDB-7-90.0-20170312	3/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.8	2.5	mg/kg	UJ	ld	MS/MSD RPD	22	20	%
4401796371	RIDB-18-1.0-20170314	3/14/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.4	J	3.8	5.5	mg/kg	J	sp	< PQL			
4401796371	RIDB-18-50.0-20170314	3/14/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.3	J	5.0	7.1	mg/kg	J	sp	< PQL			
4401797421	RIDB-18-80.0-20170314	3/14/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.5	J	5.6	8.0	mg/kg	J	sp	< PQL			
4401797421	RIDB-18-90.0-20170315	3/15/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.1	J	5.5	7.9	mg/kg	J	sp	< PQL			
4401801011	RIDB-11-5.0-20170320	3/20/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.3	J	1.2	1.6	mg/kg	J	sp	< PQL			
4401801931	RIDB-11-80.0-20170321	3/21/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.3	J	1.9	2.6	mg/kg	J	sp	< PQL			
4401801931	RIDB-19-50.0-20170321	3/21/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.3	J	5.6	7.9	mg/kg	J	sp	< PQL			
4401801931	RIDB-19-60.0-20170321	3/21/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.9	J	5.5	7.8	mg/kg	J	sp	< PQL			
4401801931	RIDB-19-60.0-20170321-FD	3/21/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.2	J	5.2	7.4	mg/kg	J	sp	< PQL			
4401801931	RIDB-19-80.0-20170321	3/21/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.3	J	1.8	2.5	mg/kg	J	sp	< PQL			
4401801931	RIDB-27-1.0-20170321	3/21/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.9	J	5.1	7.3	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-90.0-20170322	3/22/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.5	J	5.0	7.2	mg/kg	J	sp	< PQL			
4401803311	RIDB-27-50.0-20170322	3/22/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.5	J	5.0	7.1	mg/kg	J	sp	< PQL			
4401803311	RIDB-27-60.0-20170322	3/22/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.2	J	5.9	8.4	mg/kg	J	sp	< PQL			
4401803311	RIDB-27-70.0-20170322	3/22/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.7	J	5.1	7.3	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401804391	RIDB-25-10.0-20170323	3/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.8	J	3.7	5.4	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-50.0-20170323	3/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.5	J	5.9	8.4	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-60.0-20170323	3/23/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.1	J	1.9	2.7	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-60.0-20170323-FD	3/23/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.9	2.6	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-60.0-20170323-FD	3/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	8.5	J	6.0	8.6	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-70.0-20170323	3/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.5	J	4.7	6.8	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-70.0-20170323	3/23/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.5	J	1.5	2.0	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-80.0-20170323	3/23/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.8	2.4	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-90.0-20170323	3/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.6	J	5.1	7.3	mg/kg	J	sp	< PQL			
4401804391	RIDB-28-60.0-20170323	3/23/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.7	2.4	mg/kg	J	sp	< PQL			
4401804391	RIDB-28-70.0-20170323	3/23/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.7	J	1.7	2.4	mg/kg	J	sp	< PQL			
4401804391	RIDB-28-70.0-20170323	3/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.5	J	5.5	7.9	mg/kg	J	sp	< PQL			
4401804391	RIDB-28-80.0-20170323	3/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	8.2	J	6.0	8.6	mg/kg	J	sp	< PQL			
4401804391	RIDB-28-80.0-20170323	3/23/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.9	2.6	mg/kg	J	sp	< PQL			
4401804391	RIDB-28-90.0-20170323	3/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.4	J	4.4	6.3	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-10.0-20170324	3/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.2	J	3.7	5.3	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-40.0-20170324	3/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.7	J	5.3	7.6	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-50.0-20170324	3/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.4	J	5.2	7.5	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-60.0-20170324	3/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.5	J	5.0	7.1	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-70.0-20170324	3/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.7	J	5.3	7.6	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-70.0-20170324-FD	3/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.3	J	6.2	8.9	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-80.0-20170324	3/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.5	J	5.2	7.4	mg/kg	J	sp	< PQL			
4401805931	RIDB-26-1.0-20170323	3/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.3	J	3.6	5.1	mg/kg	J	sp	< PQL			
4401805931	RIDB-26-50.0-20170324	3/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.8	J	5.5	7.9	mg/kg	J	sp	< PQL			
4401805931	RIDB-26-50.0-20170324-FD	3/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.0	J	5.4	7.7	mg/kg	J	sp	< PQL			
4401806961	RIDB-22-10.0-20170327	3/27/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.7	J	3.7	5.2	mg/kg	J	sp	< PQL			
4401806961	RIDB-22-20.0-20170327	3/27/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.7	J	3.8	5.4	mg/kg	J	sp	< PQL			
4401806961	RIDB-22-50.0-20170327	3/27/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.5	J	1.4	1.9	mg/kg	J	sp	< PQL			
4401808191	RIDB-21-1.0-20170328	3/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3	8.6		3.5	5.0	mg/kg	J	m,ld	MS/MSD %R, RPD	-,124; 21	80-120; 20	%
4401808191	RIDB-21-1.0-20170328	3/28/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9		1.1	1.5	mg/kg	J	m,ld	MS/MSD %R, RPD	-,124; 21	80-120; 20	%
4401808191	RIDB-21-10.0-20170328	3/28/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	5.7		1.2	1.6	mg/kg	J	m,ld	MS/MSD %R, RPD	-,124; 21	80-120; 20	%
4401808191	RIDB-21-10.0-20170328	3/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3	25		3.7	5.3	mg/kg	J	m,ld	MS/MSD %R, RPD	-,124; 21	80-120; 20	%
4401808191	RIDB-21-20.0-20170328	3/28/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	9.8		1.5	2.0	mg/kg	J	m,ld	MS/MSD %R, RPD	-,124; 21	80-120; 20	%
4401808191	RIDB-21-20.0-20170328	3/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3	44		4.7	6.7	mg/kg	J	m,ld	MS/MSD %R, RPD	-,124; 21	80-120; 20	%
4401808191	RIDB-21-30.0-20170328	3/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3	45		5.9	8.4	mg/kg	J	m,ld	MS/MSD %R, RPD	-,124; 21	80-120; 20	%
4401808191	RIDB-21-30.0-20170328	3/28/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	10		1.8	2.5	mg/kg	J	m,ld	MS/MSD %R, RPD	-,124; 21	80-120; 20	%
4401808191	RIDB-21-40.0-20170328	3/28/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	15		1.8	2.4	mg/kg	J-	m	MS/MSD %R	76,-	80-120	%
4401808191	RIDB-21-40.0-20170328	3/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3	66	F1	5.6	8.0	mg/kg	J-	m	MS/MSD %R	76,-	80-120	%
4401808191	RIDB-21-5.0-20170328	3/28/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.1	1.5	mg/kg	UJ	ld	MS/MSD RPD	21	20	%
4401808191	RIDB-21-5.0-20170328	3/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	3.6	5.1	mg/kg	UJ	ld	MS/MSD RPD	21	20	%
4401808191	RIDB-21-50.0-20170328	3/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3	25		5.7	8.1	mg/kg	J	m,ld	MS/MSD %R, RPD	-,124; 21	80-120; 20	%
4401808191	RIDB-21-50.0-20170328	3/28/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	5.6		1.8	2.4	mg/kg	J	m,ld	MS/MSD %R, RPD	-,124; 21	80-120; 20	%
4401808191	RIDB-21-50.0-20170328-FD	3/28/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	6.4		2.0	2.7	mg/kg	J	m,ld	MS/MSD %R, RPD	-,124; 21	80-120; 20	%
4401808191	RIDB-21-50.0-20170328-FD	3/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3	28		6.2	8.9	mg/kg	J	m,ld	MS/MSD %R, RPD	-,124; 21	80-120; 20	%
4401808191	RIDB-21-60.0-20170328	3/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.5	7.8	mg/kg	UJ	ld	MS/MSD RPD	21	20	%
4401808191	RIDB-21-60.0-20170328	3/28/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.7	2.4	mg/kg	UJ	ld	MS/MSD RPD	21	20	%
4401808191	RIDB-21-70.0-20170328	3/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3		UF2F1	4.7	6.7	mg/kg	UJ	ld	MS/MSD RPD	21	20	%
4401808191	RIDB-21-70.0-20170328	3/28/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.0	mg/kg	UJ	ld	MS/MSD RPD	21	20	%
4401808191	RIDB-22-60.0-20170327	3/27/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.6	2.2	mg/kg	UJ	ld	MS/MSD RPD	21	20	%
4401808191	RIDB-22-60.0-20170327	3/27/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.6	J	5.2	7.5	mg/kg	J	m,ld,sp	MS/MSD %R, RPD; < PQL	-,124; 21	80-120; 20	%
4401808191	RIDB-22-70.0-20170327	3/27/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.0	J	5.7	8.2	mg/kg	J	m,ld,sp	MS/MSD %R, RPD; < PQL	-,124; 21	80-120; 20	%
4401808191	RIDB-22-70.0-20170327	3/27/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.8	2.5	mg/kg	UJ	ld	MS/MSD RPD	21	20	%
4401808191	RIDB-22-80.0-20170327	3/27/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.6	2.1	mg/kg	UJ	ld	MS/MSD RPD	21	20	%
4401808191	RIDB-22-80.0-20170327	3/27/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.0	7.1	mg/kg	UJ	ld	MS/MSD RPD	21	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401808191	RIDB-22-90.0-20170327	3/27/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.6	6.6	mg/kg	UJ	ld	MS/MSD RPD	21	20 %
4401808191	RIDB-22-90.0-20170327	3/27/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.0	mg/kg	UJ	ld	MS/MSD RPD	21	20 %
4401812971	RIDB-23-70.0-20170404	4/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.6	2.2	mg/kg	J	sp	< PQL		
4401812971	RIDB-23-80.0-20170404	4/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.2	J	5.0	7.2	mg/kg	J	sp	< PQL		
4401812971	RIDB-23-90.0-20170404	4/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.6	J	4.7	6.8	mg/kg	J	sp	< PQL		
4401814201	RI-5-60.0-20170405	4/5/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.3	J	1.9	2.6	mg/kg	J	sp	< PQL		
4401815651	RI-5-100.0-20170406	4/6/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	6.4	9.2	mg/kg	UJ	m	MS/MSD %R	76,-	80-120 %
4401815651	RI-5-100.0-20170406	4/6/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	2.0	2.8	mg/kg	UJ	m	MS/MSD %R	76,-	80-120 %
4401815651	RI-5-80.0-20170406	4/6/2017	300.0	14797-55-8_NO3	Nitrate as NO3	8.9	J	7.6	11	mg/kg	J-	m,sp	MS/MSD %R; < PQL	76,-	80-120 %
4401815651	RI-5-80.0-20170406	4/6/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	2.4	3.3	mg/kg	UJ	m	MS/MSD %R	76,-	80-120 %
4401815651	RI-5-90.0-20170406	4/6/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.9	8.4	mg/kg	UJ	m	MS/MSD %R	76,-	80-120 %
4401815651	RI-5-90.0-20170406	4/6/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.9	2.5	mg/kg	UJ	m	MS/MSD %R	76,-	80-120 %
4401817161	RI-7-110.0-20170409	4/9/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.4	J	6.2	8.8	mg/kg	J	sp	< PQL		
4401817161	RI-7-70.0-20170409	4/9/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.7	2.3	mg/kg	J	sp	< PQL		
4401817161	RI-7-80.0-20170409	4/9/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.9	2.6	mg/kg	J	sp	< PQL		
4401817161	RI-7-80.0-20170409	4/9/2017	300.0	14797-55-8_NO3	Nitrate as NO3	8.4	J	6.0	8.5	mg/kg	J	sp	< PQL		
4401817161	RI-7-90.0-20170409	4/9/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.8	J	6.6	9.5	mg/kg	J	sp	< PQL		
4401817221	RI-10-10.0-20170409	4/9/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.5	J	3.7	5.3	mg/kg	J	sp	< PQL		
4401817221	RI-9-40.0-20170408	4/8/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.1	J	1.8	2.4	mg/kg	J	sp	< PQL		
4401817221	RI-9-50.0-20170408	4/8/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.2	J	1.7	2.3	mg/kg	J	sp	< PQL		
4401817221	RI-9-60.0-20170408	4/8/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.1	J	4.4	6.3	mg/kg	J	sp	< PQL		
4401817221	RI-9-70.0-20170408	4/8/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.3	J	5.5	7.8	mg/kg	J	sp	< PQL		
4401817451	RI-20-100.0-20170410	4/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.2	J	5.7	8.2	mg/kg	J	sp	< PQL		
4401817451	RI-20-100.0-20170410-FD	4/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.8	J	5.5	7.9	mg/kg	J	sp	< PQL		
4401817451	RI-20-60.0-20170410	4/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.0	J	1.7	2.3	mg/kg	J	sp	< PQL		
4401817451	RI-20-70.0-20170410	4/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.6	2.2	mg/kg	J	sp	< PQL		
4401817451	RI-20-80.0-20170410	4/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.6	J	5.2	7.5	mg/kg	J	sp	< PQL		
4401817491	RI-10-30.0-20170410	4/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.2	J	1.8	2.4	mg/kg	J	sp	< PQL		
4401817491	RI-10-40.0-20170410	4/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.1	J	1.7	2.3	mg/kg	J	sp	< PQL		
4401817491	RI-10-50.0-20170410	4/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.6	2.2	mg/kg	J	sp	< PQL		
4401817491	RI-10-60.0-20170410	4/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.6	J	4.8	6.9	mg/kg	J	sp	< PQL		
4401817491	RI-10-60.0-20170410	4/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.5	J	1.5	2.1	mg/kg	J	sp	< PQL		
4401817491	RI-10-70.0-20170410	4/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.8	2.4	mg/kg	J	sp	< PQL		
4401817491	RI-10-70.0-20170410-FD	4/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.6	J	5.4	7.8	mg/kg	J	sp	< PQL		
4401817491	RI-10-70.0-20170410-FD	4/10/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.7	J	1.7	2.3	mg/kg	J	sp	< PQL		
4401817491	RI-10-80.0-20170410	4/10/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.4	J	5.6	8.0	mg/kg	J	sp	< PQL		
4401824941	RI-24-1.0-20170418	4/18/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.1	J	3.7	5.2	mg/kg	J	sp	< PQL		
4401824941	RI-24-60.0-20170418	4/18/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.1	J	1.6	2.2	mg/kg	J	sp	< PQL		
4401824941	RI-24-70.0-20170418	4/18/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.4	J	1.4	1.9	mg/kg	J	sp	< PQL		
4401824941	RI-24-70.0-20170418	4/18/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.0	J	4.4	6.3	mg/kg	J	sp	< PQL		
4401824941	RI-24-80.0-20170418	4/18/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.5	J	1.5	2.1	mg/kg	J	sp	< PQL		
4401824941	RI-24-80.0-20170418	4/18/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.8	J	4.9	7.0	mg/kg	J	sp	< PQL		
4401824941	RI-24-90.0-20170418	4/18/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.6	2.1	mg/kg	J	sp	< PQL		
4401824981	RI-25-60.0-20170418	4/18/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.6	2.1	mg/kg	J	sp	< PQL		
4401824981	RI-25-70.0-20170418	4/18/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.0	J	1.8	2.4	mg/kg	J	sp	< PQL		
4401824981	RI-25-80.0-20170418	4/18/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.3	J	4.2	6.0	mg/kg	J	sp	< PQL		
4401824981	RI-25-80.0-20170418-FD	4/18/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.2	J	4.1	5.9	mg/kg	J	sp	< PQL		
4401824981	RI-25-90.0-20170418	4/18/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.7	J	4.5	6.4	mg/kg	J	sp	< PQL		
4401826011	RI-25-100.0-20170418	4/18/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.4	J	5.3	7.6	mg/kg	J	sp	< PQL		
4401826011	RI-25-100.0-20170418	4/18/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.7	J	1.7	2.3	mg/kg	J	sp	< PQL		
4401828041	RI-21-100.0-20170423	4/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	8.1	J	6.9	9.9	mg/kg	J	sp	< PQL		
4401828041	RI-21-50.0-20170422	4/22/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.5	2.1	mg/kg	J	sp	< PQL		
4401828041	RI-21-60.0-20170422	4/22/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.6	2.2	mg/kg	J	sp	< PQL		
4401828041	RI-21-70.0-20170422	4/22/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.6	2.2	mg/kg	J	sp	< PQL		

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401828041	RI-21-80.0-20170422	4/22/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.8	J	4.9	7.0	mg/kg	J	sp	< PQL			
4401828041	RI-21-80.0-20170422	4/22/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.5	J	1.5	2.1	mg/kg	J	sp	< PQL			
4401828291	RI-8-50.0-20170422	4/22/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.1	J	1.6	2.2	mg/kg	J	sp	< PQL			
4401828861	RI-1-50.0-20170424	4/24/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.6	2.2	mg/kg	J	sp	< PQL			
4401828861	RI-1-50.0-20170424-FD	4/24/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.7	J	1.6	2.1	mg/kg	J	sp	< PQL			
4401828861	RI-1-60.0-20170424	4/24/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.8	2.4	mg/kg	J	sp	< PQL			
4401829421	RI-1-80.0-20170424	4/24/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.8	J	6.1	8.7	mg/kg	J	sp	< PQL			
4401829431	RI-2-30.0-20170425	4/25/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.8	J	5.0	7.2	mg/kg	J	sp	< PQL			
4401829431	RI-2-40.0-20170425	4/25/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.8	J	5.4	7.7	mg/kg	J	sp	< PQL			
4401829431	RI-2-80.0-20170425-EB	4/25/2017	300.0	14797-55-8_NO3	Nitrate as NO3	0.31	J	0.25	0.50	mg/l	J	sp	< PQL			
4401829431	RI-2-80.0-20170425-EB	4/25/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	0.071	J	0.070	0.15	mg/l	J	sp	< PQL			
4401829431	RI-2-90.0-20170425-FD	4/25/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.0	J	5.7	8.1	mg/kg	J	sp	< PQL			
4401832931	M-5D-20170501	5/1/2017	300.0	24959-67-9	Bromide	3900	J	2500	5000	ug/l	J	sp	< PQL			
4401834231	M-125D-20170502	5/2/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2700	J	1400	3000	ug/l	J	sp	< PQL			
4401834231	M-125D-20170502	5/2/2017	300.0	24959-67-9	Bromide	9500	J	5000	10000	ug/l	J	sp	< PQL			
4401834231	M-202-20170502	5/2/2017	300.0	24959-67-9	Bromide	3600	J	2500	5000	ug/l	J	sp	< PQL			
4401834231	M-203-20170502	5/2/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1000	J	700	1500	ug/l	J	sp	< PQL			
4401834231	M-203-20170502	5/2/2017	300.0	24959-67-9	Bromide	4200	J	2500	5000	ug/l	J	sp	< PQL			
4401834231	M-203-20170502	5/2/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.5	J	2.5	5.0	mg/l	J	sp	< PQL			
4401834231	M-65D-20170502	5/2/2017	300.0	24959-67-9	Bromide	2300	J	1300	2500	ug/l	J	sp	< PQL			
4401834231	M-65D-20170502-FD	5/2/2017	300.0	24959-67-9	Bromide	2100	J	1300	2500	ug/l	J	sp	< PQL			
4401834241	RI-13-10.0-20170502	5/2/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.3	J	3.8	5.5	mg/kg	J	sp	< PQL			
4401834241	RI-13-70.0-20170502	5/2/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.6	2.2	mg/kg	J	sp	< PQL			
4401834241	RI-13-80.0-20170502	5/2/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.0	J	1.9	2.5	mg/kg	J	sp	< PQL			
4401834261	RIDB-16-80.0-20170502	5/2/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.3	J	4.5	6.4	mg/kg	J	sp	< PQL			
4401834261	RIDB-16-80.0-20170502	5/2/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.4	J	1.4	1.9	mg/kg	J	sp	< PQL			
4401834261	RIDB-16-90.0-20170502	5/2/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.3	J	4.9	7.1	mg/kg	J	sp	< PQL			
4401835531	M-201-20170503	5/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	4300		1400	3000	ug/l	J+	m	MS/MSD %R	-,123	80-120	%
4401835531	M-201-20170503	5/3/2017	300.0	24959-67-9	Bromide	4300	J	2500	5000	ug/l	J	sp	< PQL			
4401835531	M-201-20170503	5/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	19		2.5	5.0	mg/l	J+	m	MS/MSD %R	-,123	80-120	%
4401835531	M-215-20170503	5/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	220		50	100	mg/l	J+	m	MS/MSD %R	154,-	80-120	%
4401835531	M-215-20170503	5/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	55000		11000	22000	ug/l	J+	m	MS/MSD %R	154,-	80-120	%
4401835531	M-219-20170503	5/3/2017	300.0	24959-67-9	Bromide	2200	J	1300	2500	ug/l	J	sp	< PQL			
4401835531	M-219-20170503	5/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	140		1.3	2.5	mg/l	J+	m	MS/MSD %R	154,-	80-120	%
4401835531	M-219-20170503	5/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	39000		350	750	ug/l	J+	m	MS/MSD %R	154,-	80-120	%
4401835531	M-221-20170503	5/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1700		70	150	ug/l	J+	m	MS/MSD %R	154,-	80-120	%
4401835531	M-221-20170503	5/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.6	F1	0.25	0.50	mg/l	J+	m	MS/MSD %R	154,-	80-120	%
4401835531	M-222-20170503	5/3/2017	300.0	7723-14-0P	Orthophosphate (total) (As P)		UF1	80	160	ug/l	UJ	ld	MS/MSD RPD	21	20	%
4401835531	M-222-20170503	5/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1400		70	150	ug/l	J+	m	MS/MSD %R	-,123	80-120	%
4401835531	M-222-20170503	5/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.1	F1	0.25	0.50	mg/l	J+	m	MS/MSD %R	-,123	80-120	%
4401835531	M-222-20170503	5/3/2017	300.0	24959-67-9	Bromide	280	J	250	500	ug/l	J	sp	< PQL			
4401835531	M-81D-20170503	5/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	33		1.3	2.5	mg/l	J+	m	MS/MSD %R	154,-	80-120	%
4401835531	M-81D-20170503	5/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	7400		350	750	ug/l	J+	m	MS/MSD %R	154,-	80-120	%
4401835741	RI-12-10.0-20170503	5/3/2017	300.0	14797-65-0	Nitrite	5.5		1.2	1.6	mg/kg	J+	m	MS/MSD %R	127,126	80-120	%
4401835741	RI-12-10.0-20170503	5/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	12		1.2	1.6	mg/kg	J+	m	MS/MSD %R	127,126	80-120	%
4401835741	RI-12-30.0-20170503	5/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.9	J	6.0	8.6	mg/kg	J	sp	< PQL			
4401835741	RI-12-50.0-20170503	5/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.2	J	1.7	2.3	mg/kg	J	sp	< PQL			
4401835741	RI-12-60.0-20170503	5/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.0	J	1.7	2.3	mg/kg	J	sp	< PQL			
4401835741	RI-12-70.0-20170503	5/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	8.0	J	6.0	8.6	mg/kg	J	sp	< PQL			
4401835811	RI-13-110.0-20170503	5/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.9	J	5.8	8.2	mg/kg	J	sp	< PQL			
4401835811	RI-13-110.0-20170503-FD	5/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.8	J	5.6	7.9	mg/kg	J	sp	< PQL			
4401835811	RI-13-130.0-20170503	5/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.2	J	6.5	9.3	mg/kg	J	sp	< PQL			
4401835811	RI-13-90.0-20170503	5/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.0	J	5.2	7.4	mg/kg	J	sp	< PQL			
4401836831	M-140D-20170504	5/4/2017	300.0	7723-14-0P	Orthophosphate (total) (As P)		UF1	160	320	ug/l	UJ	m	MS/MSD %R	42,42	80-120	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401836831	M-14D-20170504	5/4/2017	300.0	7723-14-0P	Orthophosphate (total) (As P)		U	160	320	ug/l	UJ	m	MS/MSD %R	42,42	80-120	%
4401836831	M-22D-20170504	5/4/2017	300.0	7723-14-0P	Orthophosphate (total) (As P)		U	400	800	ug/l	UJ	m	MS/MSD %R	42,42	80-120	%
4401836831	M-36D-20170504	5/4/2017	300.0	24959-67-9	Bromide	5500	J	5000	10000	ug/l	J	sp	< PQL			
4401836831	M-36D-20170504	5/4/2017	300.0	7723-14-0P	Orthophosphate (total) (As P)		U	1600	3200	ug/l	UJ	m	MS/MSD %R	42,42	80-120	%
4401836831	M-36D-20170504	5/4/2017	300.0	14797-65-0	Nitrite	2800	J	1400	3000	ug/l	J	sp	< PQL			
4401836831	M-66D-20170504	5/4/2017	300.0	7723-14-0P	Orthophosphate (total) (As P)		U	400	800	ug/l	UJ	m	MS/MSD %R	42,42	80-120	%
4401836831	M-66D-20170504-FD	5/4/2017	300.0	7723-14-0P	Orthophosphate (total) (As P)		U	400	800	ug/l	UJ	m	MS/MSD %R	42,42	80-120	%
4401836831	M-72D-20170504	5/4/2017	300.0	7723-14-0P	Orthophosphate (total) (As P)		U	160	320	ug/l	UJ	m	MS/MSD %R	42,42	80-120	%
4401837021	RI-22-50.0-20170504-EB	5/4/2017	300.0	14797-65-0	Nitrite		UH	0.070	0.15	mg/l	R	h	Holding time	102.18	48	Hours
4401837021	RI-22-50.0-20170504-EB	5/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	0.19		0.070	0.15	mg/l	J-	h	Holding time	102.18	48	Hours
4401837021	RI-22-50.0-20170504-EB	5/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3	0.84	H	0.25	0.50	mg/l	J-	h	Holding time	102.18	48	Hours
4401837021	RI-22-50.0-20170504-FD	5/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.1	J	1.6	2.2	mg/kg	J	sp	< PQL			
4401837051	RI-12-100.0-20170504	5/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.0	J	5.6	8.0	mg/kg	J	sp	< PQL			
4401837051	RI-12-110.0-20170504	5/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3	8.5	J	6.8	9.8	mg/kg	J	sp	< PQL			
4401837051	RI-12-120.0-20170504	5/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.3	J	6.0	8.6	mg/kg	J	sp	< PQL			
4401837051	RI-12-130.0-20170504	5/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.9	J	5.5	7.9	mg/kg	J	sp	< PQL			
4401838191	RI-22-100.0-20170505	5/5/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.7	J	7.0	10	mg/kg	J	sp	< PQL			
4401838191	RI-22-110.0-20170505	5/5/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.7	J	7.2	10	mg/kg	J	sp	< PQL			
4401838191	RI-22-130.0-20170505	5/5/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.5	J	5.4	7.8	mg/kg	J	sp	< PQL			
4401838191	RI-22-70.0-20170504	5/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.5	2.0	mg/kg	J	sp	< PQL			
4401838191	RI-22-80.0-20170504	5/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.5	J	1.4	1.9	mg/kg	J	sp	< PQL			
4401838191	RI-22-80.0-20170504-FD	5/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.6	J	1.4	1.9	mg/kg	J	sp	< PQL			
4401838191	RI-22-90.0-20170504	5/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.7	2.3	mg/kg	J	sp	< PQL			
4401848581	RI-27-40.0-20170519	5/19/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.4	2.0	mg/kg	J	sp	< PQL			
4401849081	RI-27-100.0-20170520	5/20/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.4	J	4.3	6.1	mg/kg	J	sp	< PQL			
4401849081	RI-27-70.0-20170520	5/20/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.2	J	4.0	5.7	mg/kg	J	sp	< PQL			
4401849081	RI-27-80.0-20170520	5/20/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.0	J	4.0	5.8	mg/kg	J	sp	< PQL			
4401850561	RIDB-29-60.0-20170522	5/22/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.2	J	5.8	8.2	mg/kg	J	sp	< PQL			
4401850561	RIDB-29-70.0-20170523	5/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.5	J	5.0	7.1	mg/kg	J	sp	< PQL			
4401850561	RIDB-29-70.0-20170523-FD	5/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.2	J	4.9	7.0	mg/kg	J	sp	< PQL			
4401850561	RIDB-29-80.0-20170523	5/23/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.7	J	1.7	2.3	mg/kg	J	sp	< PQL			
4401850561	RIDB-29-80.0-20170523	5/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.5	J	5.5	7.8	mg/kg	J	sp	< PQL			
4401850561	RIDB-29-90.0-20170523	5/23/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.9	2.6	mg/kg	J	sp	< PQL			
4401850561	RIDB-29-90.0-20170523	5/23/2017	300.0	14797-55-8_NO3	Nitrate as NO3	8.3	J	6.0	8.6	mg/kg	J	sp	< PQL			
4401854761	RI-23-40.0-20170530	5/30/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.7	2.3	mg/kg	J	sp	< PQL			
4401854761	RI-23-50.0-20170531	5/31/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.1	J	1.7	2.3	mg/kg	J	sp	< PQL			
4401854761	RI-23-60.0-20170531	5/31/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.7	2.4	mg/kg	J	sp	< PQL			
4401854761	RI-23-70.0-20170531	5/31/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.4	J	4.6	6.6	mg/kg	J	sp	< PQL			
4401854761	RI-23-80.0-20170531	5/31/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.1	J	5.0	7.1	mg/kg	J	sp	< PQL			
4401854761	RI-23-80.0-20170531-FD	5/31/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.4	J	5.2	7.4	mg/kg	J	sp	< PQL			
4401854761	RI-23-90.0-20170531	5/31/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.5	J	5.4	7.7	mg/kg	J	sp	< PQL			
4401855831	RI-23-110.0-20170531-FD	5/31/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.6	J	5.3	7.5	mg/kg	J	sp	< PQL			
4401856771	PCDB-1-10.0-20170603	6/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	20		1.1	1.5	mg/kg	J-	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-10.0-20170603	6/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	90		3.6	5.1	mg/kg	J-	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-10.0-20170603-FD	6/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	22		1.1	1.6	mg/kg	J-	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-10.0-20170603-FD	6/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	99		3.6	5.2	mg/kg	J-	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-100.0-20170604	6/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.8	2.5	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-100.0-20170604	6/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.8	8.3	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-110.0-20170604	6/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.0	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-110.0-20170604	6/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.7	6.7	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-110.0-20170604-FD	6/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.4	1.9	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-110.0-20170604-FD	6/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.4	6.3	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-120.0-20170604	6/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.6	2.1	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-120.0-20170604	6/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.0	7.1	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401856771	PCDB-1-130.0-20170604	6/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.6	2.1	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-130.0-20170604	6/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3		UF1	5.0	7.1	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-140.0-20170604	6/4/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.7	6.7	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-140.0-20170604	6/4/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.0	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-20.0-20170603	6/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.2	1.7	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-20.0-20170603	6/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	3.9	5.6	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-30.0-20170603	6/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.1	J	5.6	8.0	mg/kg	J-	m,sp	MS/MSD %R; < PQL	76,77	80-120	%
4401856771	PCDB-1-30.0-20170603	6/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.8	2.4	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-40.0-20170603	6/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.0	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-40.0-20170603	6/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.8	6.8	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-5.0-20170602	6/2/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	10		1.2	1.6	mg/kg	J-	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-5.0-20170602	6/2/2017	300.0	14797-55-8_NO3	Nitrate as NO3	45		3.8	5.4	mg/kg	J-	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-50.0-20170603	6/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.1	7.2	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-50.0-20170603	6/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.6	2.2	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-60.0-20170603	6/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.9	2.5	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-60.0-20170603	6/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.9	8.4	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-70.0-20170603	6/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.8	2.5	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-70.0-20170603	6/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.7	8.2	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-80.0-20170603	6/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.4	1.9	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-80.0-20170603	6/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.5	6.4	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-90.0-20170603	6/3/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.0	7.2	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401856771	PCDB-1-90.0-20170603	6/3/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.6	2.2	mg/kg	UJ	m	MS/MSD %R	76,77	80-120	%
4401858291	PCDB-2-20.0-20170605	6/5/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.3	J	1.3	1.7	mg/kg	J	sp	< PQL			
4401858771	PCDB-2-30.0-20170605	6/5/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.4	J	1.2	1.7	mg/kg	J	sp	< PQL			
4401858771	PCDB-2-40.0-20170606	6/6/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.4	J	4.5	6.5	mg/kg	J	sp	< PQL			
4401858771	PCDB-2-50.0-20170606	6/6/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.3	J	1.2	1.7	mg/kg	J	sp	< PQL			
4401858771	PCDB-2-50.0-20170606-FD	6/6/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.2	J	1.2	1.7	mg/kg	J	sp	< PQL			
4401858771	PCDB-2-50.0-20170606-FD	6/6/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.5	J	3.9	5.6	mg/kg	J	sp	< PQL			
4401863511	RI-17-30.0-20170612	6/12/2017	300.0	14797-55-8_NO3	Nitrate as NO3	18		4.6	6.6	mg/kg	J+	be	EB contamination	18		mg/kg
4401863511	RI-17-30.0-20170612	6/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	4.1		1.5	2.0	mg/kg	J+	be	EB contamination	4.1		mg/kg
4401863561	PCDB-3-10.0-20170612	6/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.4	J	1.3	1.7	mg/kg	J	sp	< PQL			
4401863561	PCDB-3-30.0-20170612	6/12/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.6	J	1.3	1.7	mg/kg	J	sp	< PQL			
4401863951	RI-17-70.0-20170613	6/13/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.7	J	1.6	2.2	mg/kg	J	sp	< PQL			
4401863951	RI-17-70.0-20170613-EB	6/13/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	0.11	J	0.070	0.15	mg/l	J	sp	< PQL			
4401863951	RI-17-70.0-20170613-EB	6/13/2017	300.0	14797-55-8_NO3	Nitrate as NO3	0.48	J	0.25	0.50	mg/l	J	sp	< PQL			
4401863951	RI-17-80.0-20170613	6/13/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.4	J	5.2	7.5	mg/kg	J	sp	< PQL			
4401865171	RI-28-50.0-20170614	6/14/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.7	2.3	mg/kg	J	sp	< PQL			
4401865181	RI-17-100.0-20170614	6/14/2017	300.0	14797-55-8_NO3	Nitrate as NO3	8.1		4.9	7.0	mg/kg	J	fd	FD RPD	53	50	%
4401865181	RI-17-100.0-20170614	6/14/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.5	2.1	mg/kg	J	sp	< PQL			
4401865181	RI-17-100.0-20170614-FD	6/14/2017	300.0	14797-55-8_NO3	Nitrate as NO3	14		4.2	6.0	mg/kg	J	fd	FD RPD	53	50	%
4401865181	RI-17-130.0-20170614	6/14/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.2	J	6.1	8.7	mg/kg	J	sp	< PQL			
4401866371	RI-28-100.0-20170615	6/15/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.7	2.3	mg/kg	UJ	m	MS/MSD %R	78,-	80-120	%
4401866371	RI-28-100.0-20170615	6/15/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.7	J	5.5	7.8	mg/kg	J-	m,sp	MS/MSD %R; < PQL	78,-	80-120	%
4401866371	RI-28-110.0-20170615	6/15/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.7	2.3	mg/kg	UJ	m	MS/MSD %R	78,-	80-120	%
4401866371	RI-28-110.0-20170615	6/15/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.3	7.6	mg/kg	UJ	m	MS/MSD %R	78,-	80-120	%
4401866371	RI-28-120.0-20170615	6/15/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	5.4	7.7	mg/kg	UJ	m	MS/MSD %R	78,-	80-120	%
4401866371	RI-28-120.0-20170615	6/15/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.7	2.3	mg/kg	UJ	m	MS/MSD %R	78,-	80-120	%
4401866371	RI-28-130.0-20170615	6/15/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.7	6.6	mg/kg	UJ	m	MS/MSD %R	78,-	80-120	%
4401866371	RI-28-130.0-20170615	6/15/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.0	mg/kg	UJ	m	MS/MSD %R	78,-	80-120	%
4401866371	RI-28-130.0-20170615-FD	6/15/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.8	6.9	mg/kg	UJ	m	MS/MSD %R	78,-	80-120	%
4401866371	RI-28-130.0-20170615-FD	6/15/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.1	mg/kg	UJ	m	MS/MSD %R	78,-	80-120	%
4401866371	RI-28-60.0-20170614	6/14/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.3		1.7	2.3	mg/kg	J-	m	MS/MSD %R	78,-	80-120	%
4401866371	RI-28-60.0-20170614	6/14/2017	300.0	14797-55-8_NO3	Nitrate as NO3	10		5.3	7.6	mg/kg	J-	m	MS/MSD %R	78,-	80-120	%
4401866371	RI-28-70.0-20170615	6/15/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.0	mg/kg	UJ	m	MS/MSD %R	78,-	80-120	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401866371	RI-28-70.0-20170615	6/15/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.3	J	4.7	6.7	mg/kg	J-	m,sp	MS/MSD %R; < PQL	78,-	80-120 %
4401866371	RI-28-70.0-20170615-FD	6/15/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.0	mg/kg	UJ	m	MS/MSD %R	78,-	80-120 %
4401866371	RI-28-70.0-20170615-FD	6/15/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.5	J	4.7	6.7	mg/kg	J-	m,sp	MS/MSD %R; < PQL	78,-	80-120 %
4401866371	RI-28-80.0-20170615	6/15/2017	300.0	14797-55-8_NO3	Nitrate as NO3		U	4.8	6.8	mg/kg	UJ	m	MS/MSD %R	78,-	80-120 %
4401866371	RI-28-80.0-20170615	6/15/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.5	2.0	mg/kg	UJ	m	MS/MSD %R	78,-	80-120 %
4401866371	RI-28-90.0-20170615	6/15/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.9	JF1	4.4	6.3	mg/kg	J-	m,sp	MS/MSD %R; < PQL	78,-	80-120 %
4401866371	RI-28-90.0-20170615	6/15/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N		U	1.4	1.9	mg/kg	UJ	m	MS/MSD %R	78,-	80-120 %
4401867211	RI-11-100.0-20170616	6/16/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.2	J	5.2	7.4	mg/kg	J	sp	< PQL		
4401867211	RI-11-110.0-20170616	6/16/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.5	J	2.4	3.3	mg/kg	J	sp	< PQL		
4401867211	RI-11-110.0-20170616-FD	6/16/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.6	J	2.5	3.4	mg/kg	J	sp	< PQL		
4401867211	RI-11-120.0-20170616	6/16/2017	300.0	14797-55-8_NO3	Nitrate as NO3	8.1	J	7.1	10	mg/kg	J	sp	< PQL		
4401867211	RI-11-130.0-20170616	6/16/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.5	J	5.1	7.3	mg/kg	J	sp	< PQL		
4401867211	RI-11-70.0-20170616	6/16/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.0	J	5.1	7.3	mg/kg	J	sp	< PQL		
4401867211	RI-11-70.0-20170616	6/16/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.6	J	1.6	2.2	mg/kg	J	sp	< PQL		
4401867211	RI-11-80.0-20170616	6/16/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.2	J	2.0	2.7	mg/kg	J	sp	< PQL		
4401867211	RI-11-90.0-20170616	6/16/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.7	J	5.2	7.5	mg/kg	J	sp	< PQL		
4401867861	RI-26-100.0-20170617	6/17/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.0	J	1.6	2.2	mg/kg	J	sp	< PQL		
4401867861	RI-26-110.0-20170617	6/17/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.6	J	5.2	7.4	mg/kg	J	sp	< PQL		
4401867861	RI-26-110.0-20170617-FD	6/17/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.7	J	5.2	7.5	mg/kg	J	sp	< PQL		
4401867861	RI-26-120.0-20170617	6/17/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.5	J	6.0	8.6	mg/kg	J	sp	< PQL		
4401867861	RI-26-50.0-20170617	6/17/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.9	J	1.7	2.3	mg/kg	J	sp	< PQL		
4401867861	RI-26-70.0-20170617	6/17/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.2	J	4.5	6.4	mg/kg	J	sp	< PQL		
4401867861	RI-26-70.0-20170617	6/17/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.4	J	1.4	1.9	mg/kg	J	sp	< PQL		
4401867861	RI-26-70.0-20170617-FD	6/17/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.7	J	5.0	7.2	mg/kg	J	sp	< PQL		
4401867861	RI-26-80.0-20170617	6/17/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.5	J	1.4	1.9	mg/kg	J	sp	< PQL		
4401867861	RI-26-90.0-20170617	6/17/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.5	J	1.5	2.0	mg/kg	J	sp	< PQL		
4401867861	RI-26-90.0-20170617	6/17/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.7	J	4.7	6.8	mg/kg	J	sp	< PQL		
4401867971	M-198-100.0-20170618	6/18/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.5	J	4.9	7.0	mg/kg	J	sp	< PQL		
4401867971	M-198-110.0-20170618	6/18/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.7	J	5.4	7.8	mg/kg	J	sp	< PQL		
4401867971	M-198-120.0-20170618	6/18/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.6	J	5.1	7.2	mg/kg	J	sp	< PQL		
4401867971	M-198-130.0-20170618	6/18/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.9	J	5.4	7.8	mg/kg	J	sp	< PQL		
4401867971	M-198-140.0-20170618	6/18/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.8	J	5.7	8.2	mg/kg	J	sp	< PQL		
4401869201	M-196-110.0-20170620	6/20/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	2.1	J	1.7	2.4	mg/kg	J	sp	< PQL		
4401869201	M-196-120.0-20170620	6/20/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.4	J	5.4	7.7	mg/kg	J	sp	< PQL		
4401869201	M-196-140.0-20170620	6/20/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.5	J	5.4	7.7	mg/kg	J	sp	< PQL		
4401869201	M-196-150.0-20170620	6/20/2017	300.0	14797-55-8_NO3	Nitrate as NO3	7.3	J	6.0	8.5	mg/kg	J	sp	< PQL		
4401872951	M-199-100.0-20170626	6/26/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.9	J	4.9	7.0	mg/kg	J	sp	< PQL		
4401872951	M-199-110.0-20170626	6/26/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.4	J	4.9	7.0	mg/kg	J	sp	< PQL		
4401872951	M-199-120.0-20170626	6/26/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.7	J	1.6	2.2	mg/kg	J	sp	< PQL		
4401872951	M-199-130.0-20170626	6/26/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.3	J	5.2	7.4	mg/kg	J	sp	< PQL		
4401872951	M-199-140.0-20170626	6/26/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.3	J	4.7	6.8	mg/kg	J	sp	< PQL		
4401872951	M-199-150.0-20170626	6/26/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.1	J	5.7	8.1	mg/kg	J	sp	< PQL		
4401874371	RI-2-110.0-20170628	6/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.1	J	5.9	8.4	mg/kg	J	sp	< PQL		
4401874371	RI-2-130.0-20170628	6/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.8	J	6.4	9.1	mg/kg	J	sp	< PQL		
4401874371	RI-2-130.0-20170628-FD	6/28/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.3	J	5.5	7.8	mg/kg	J	sp	< PQL		
4401875331	RI-3-10.0-20170629	6/29/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.2	J	1.2	1.6	mg/kg	J	sp	< PQL		
4401875331	RI-3-10.0-20170629	6/29/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.2	J	3.8	5.4	mg/kg	J	sp	< PQL		
4401875331	RI-3-20.0-20170629	6/29/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.7	J	1.4	2.0	mg/kg	J	sp	< PQL		
4401875331	RI-3-5.0-20170629	6/29/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.2	J	1.2	1.6	mg/kg	J	sp	< PQL		
4401875331	RI-3-50.0-20170629	6/29/2017	300.0	NO3/NO2-N	Nitrate Nitrite as N	1.8	J	1.6	2.2	mg/kg	J	sp	< PQL		
4401875531	RI-3-110.0-20170629	6/29/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.5	J	5.5	7.9	mg/kg	J	sp	< PQL		
4401875531	RI-3-120.0-20170630	6/30/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.5	J	6.1	8.7	mg/kg	J	sp	< PQL		
4401875531	RI-3-120.0-20170630-FD	6/30/2017	300.0	14797-55-8_NO3	Nitrate as NO3	6.9	J	6.0	8.6	mg/kg	J	sp	< PQL		
4401875531	RI-3-90.0-20170629	6/29/2017	300.0	14797-65-0	Nitrite	2.1	J	2.0	2.7	mg/kg	J	sp	< PQL		

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401875891	RI-4-5.0-20170630	6/30/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.8	J	3.8	5.4	mg/kg	J	sp	< PQL			
4401875941	RI-4-10.0-20170630	6/30/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.0	J	3.8	5.4	mg/kg	J	sp	< PQL			
4401875941	RI-4-50.0-20170630	6/30/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.8	J	5.6	7.9	mg/kg	J	sp	< PQL			
4401875941	RI-4-50.0-20170630	6/30/2017	300.0	14797-55-8_NO3	Nitrate as NO3	5.8	J	5.6	7.9	mg/kg	J	sp	< PQL			
4401875941	RI-4-60.0-20170701	7/1/2017	300.0	14797-55-8_NO3	Nitrate as NO3	4.7	J	4.6	6.6	mg/kg	J	sp	< PQL			
4401780271	RIDB-8-90.0-20170223	2/23/2017	300.1B	14866-68-3	Chlorate	0.30	J	0.25	0.99	mg/kg	J	sp	< PQL			
4401780271	RIDB-9-80.0-20170223	2/23/2017	300.1B	14866-68-3	Chlorate	1.0	J	0.28	1.1	mg/kg	J	sp	< PQL			
4401783021	RIDB-13-80.0-20170224	2/24/2017	300.1B	14866-68-3	Chlorate	0.36	J	0.29	1.2	mg/kg	J	sp	< PQL			
4401791531	RIDB-1-10.0-20170308	3/8/2017	300.1B	14866-68-3	Chlorate	0.16	J	0.054	0.22	mg/kg	J	sp	< PQL			
4401792801	RIDB-17-10.0-20170309	3/9/2017	300.1B	14866-68-3	Chlorate	0.43	J	0.22	0.87	mg/kg	J	sp	< PQL			
4401792801	RIDB-17-20.0-20170309	3/9/2017	300.1B	14866-68-3	Chlorate	0.49	J	0.21	0.85	mg/kg	J	sp	< PQL			
4401792801	RIDB-17-5.0-20170309	3/9/2017	300.1B	14866-68-3	Chlorate	0.81	J	0.22	0.88	mg/kg	J	sp	< PQL			
4401794191	RIDB-3-0.5-20170310	3/10/2017	300.1B	14866-68-3	Chlorate	0.55	J	0.21	0.83	mg/kg	J	sp	< PQL			
4401794191	RIDB-3-70.0-20170310	3/10/2017	300.1B	14866-68-3	Chlorate	1.1	J	0.31	1.2	mg/kg	J	sp	< PQL			
4401794191	RIDB-3-80.0-20170310	3/10/2017	300.1B	14866-68-3	Chlorate	1.2	J	0.31	1.3	mg/kg	J	sp	< PQL			
4401794561	RI-16-10.0-20170312	3/12/2017	300.1B	14866-68-3	Chlorate	0.65	J	0.21	0.84	mg/kg	J	sp	< PQL			
4401794561	RI-16-70.0-20170312	3/12/2017	300.1B	14866-68-3	Chlorate	17	F1	0.34	1.4	mg/kg	J+	m	MS/MSD %R	-,183	75-125	%
4401794561	RIDB-5-0.5-20170311	3/11/2017	300.1B	14866-68-3	Chlorate	0.79	J	0.22	0.86	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-10.0-20170311	3/11/2017	300.1B	14866-68-3	Chlorate	0.39	J	0.23	0.91	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-5.0-20170311	3/11/2017	300.1B	14866-68-3	Chlorate	0.27	J	0.22	0.86	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-5.0-20170311-FD	3/11/2017	300.1B	14866-68-3	Chlorate	0.29	J	0.21	0.85	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-70.0-20170311	3/11/2017	300.1B	14866-68-3	Chlorate	0.56	J	0.25	1.0	mg/kg	J	sp	< PQL			
4401794561	RIDB-5-80.0-20170311	3/11/2017	300.1B	14866-68-3	Chlorate	0.40	J	0.36	1.4	mg/kg	J	sp	< PQL			
4401794561	RIDB-7-10.0-20170312	3/12/2017	300.1B	14866-68-3	Chlorate	0.78	J	0.22	0.87	mg/kg	J	sp	< PQL			
4401794561	RIDB-7-70.0-20170312	3/12/2017	300.1B	14866-68-3	Chlorate	0.35	J	0.28	1.1	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-1.0-20170323	3/23/2017	300.1B	14866-68-3	Chlorate	0.16	J	0.051	0.21	mg/kg	J	sp	< PQL			
4401804391	RIDB-25-5.0-20170323	3/23/2017	300.1B	14866-68-3	Chlorate	0.17	J	0.054	0.22	mg/kg	J	sp	< PQL			
4401804391	RIDB-28-70.0-20170323	3/23/2017	300.1B	14866-68-3	Chlorate	0.10	J	0.079	0.31	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-10.0-20170324	3/24/2017	300.1B	14866-68-3	Chlorate	0.20	J	0.052	0.21	mg/kg	J	sp	< PQL			
4401805931	RIDB-24-90.0-20170324	3/24/2017	300.1B	14866-68-3	Chlorate	0.16	J	0.072	0.29	mg/kg	J	sp	< PQL			
4401805931	RIDB-26-20.0-20170324	3/24/2017	300.1B	14866-68-3	Chlorate	0.099	J	0.054	0.22	mg/kg	J	sp	< PQL			
4401808191	RIDB-21-5.0-20170328	3/28/2017	300.1B	14866-68-3	Chlorate	0.087	J	0.051	0.20	mg/kg	J	sp	< PQL			
4401812001	RIDB-23-1.0-20170403	4/3/2017	300.1B	14866-68-3	Chlorate	0.085	J	0.050	0.20	mg/kg	J	sp	< PQL			
4401812001	RIDB-23-5.0-20170403	4/3/2017	300.1B	14866-68-3	Chlorate	0.088	J	0.051	0.20	mg/kg	J	sp	< PQL			
4401812971	RIDB-23-30.0-20170404	4/4/2017	300.1B	14866-68-3	Chlorate	88		4.2	17	mg/kg	J+	m	MS/MSD %R	507,505	75-125	%
4401812971	RIDB-23-40.0-20170404	4/4/2017	300.1B	14866-68-3	Chlorate	47		3.9	16	mg/kg	J+	m	MS/MSD %R	507,505	75-125	%
4401812971	RIDB-23-50.0-20170404	4/4/2017	300.1B	14866-68-3	Chlorate	420		7.3	29	mg/kg	J+	m	MS/MSD %R	507,505	75-125	%
4401812971	RIDB-23-60.0-20170404	4/4/2017	300.1B	14866-68-3	Chlorate	890		20	78	mg/kg	J	m,s	MS/MSD %R; Surrogate %R (DCAA)	507,505; 0	75-125; 90-115	%
4401812971	RIDB-23-60.0-20170404-FD	4/4/2017	300.1B	14866-68-3	Chlorate	740		16	66	mg/kg	J	m,s	MS/MSD %R; Surrogate %R (DCAA)	507,505; 0	75-125; 90-115	%
4401812971	RIDB-23-70.0-20170404	4/4/2017	300.1B	14866-68-3	Chlorate	10		0.72	2.9	mg/kg	J+	m	MS/MSD %R	507,505	75-125	%
4401812971	RIDB-23-80.0-20170404	4/4/2017	300.1B	14866-68-3	Chlorate	9.2		0.72	2.9	mg/kg	J+	m	MS/MSD %R	507,505	75-125	%
4401812971	RIDB-23-90.0-20170404	4/4/2017	300.1B	14866-68-3	Chlorate	4.5	F1	0.67	2.7	mg/kg	J+	m	MS/MSD %R	507,505	75-125	%
4401817161	RI-7-10.0-20170408	4/8/2017	300.1B	14866-68-3	Chlorate	4.1		0.055	0.22	mg/kg	J	ld	MS/MSD RPD	27	20	%
4401817161	RI-7-100.0-20170409	4/9/2017	300.1B	14866-68-3	Chlorate	0.11	J	0.073	0.29	mg/kg	J	ld,sp	MS/MSD RPD; < PQL	27	20	%
4401817161	RI-7-20.0-20170408	4/8/2017	300.1B	14866-68-3	Chlorate	0.65		0.054	0.22	mg/kg	J	ld	MS/MSD RPD	27	20	%
4401817161	RI-7-20.0-20170408-FD	4/8/2017	300.1B	14866-68-3	Chlorate	0.63		0.055	0.22	mg/kg	J	ld	MS/MSD RPD	27	20	%
4401817161	RI-7-30.0-20170408	4/8/2017	300.1B	14866-68-3	Chlorate	8.3		0.17	0.66	mg/kg	J	ld	MS/MSD RPD	27	20	%
4401817161	RI-7-40.0-20170408	4/8/2017	300.1B	14866-68-3	Chlorate	7.2		0.16	0.66	mg/kg	J	ld	MS/MSD RPD	27	20	%
4401817161	RI-7-5.0-20170408	4/8/2017	300.1B	14866-68-3	Chlorate	0.13	J	0.054	0.21	mg/kg	J	ld,sp	MS/MSD RPD; < PQL	27	20	%
4401817161	RI-7-50.0-20170408	4/8/2017	300.1B	14866-68-3	Chlorate	5.6		0.072	0.29	mg/kg	J	ld	MS/MSD RPD	27	20	%
4401817161	RI-7-60.0-20170408	4/8/2017	300.1B	14866-68-3	Chlorate	8.9		0.17	0.68	mg/kg	J	ld	MS/MSD RPD	27	20	%
4401817161	RI-7-70.0-20170409	4/9/2017	300.1B	14866-68-3	Chlorate	4.7		0.078	0.31	mg/kg	J	ld	MS/MSD RPD	27	20	%
4401817161	RI-7-80.0-20170409	4/9/2017	300.1B	14866-68-3	Chlorate	3.6		0.17	0.68	mg/kg	J	ld	MS/MSD RPD	27	20	%
4401817161	RI-7-90.0-20170409	4/9/2017	300.1B	14866-68-3	Chlorate	1.0		0.19	0.76	mg/kg	J	ld	MS/MSD RPD	27	20	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401817161	RI-7-95.0-20170409	4/9/2017	300.1B	14866-68-3	Chlorate	0.16	JF2	0.075	0.30	mg/kg	J	ld,sp	MS/MSD RPD; < PQL	27	20	%
4401817221	RI-10-5.0-20170409	4/9/2017	300.1B	14866-68-3	Chlorate	0.13	J	0.053	0.21	mg/kg	J	sp	< PQL			
4401817221	RI-9-100.0-20170409	4/9/2017	300.1B	14866-68-3	Chlorate	0.12	J	0.079	0.32	mg/kg	J	sp	< PQL			
4401817221	RI-9-110.0-20170409	4/9/2017	300.1B	14866-68-3	Chlorate	0.15	J	0.090	0.36	mg/kg	J	sp	< PQL			
4401817221	RI-9-110.0-20170409-FD	4/9/2017	300.1B	14866-68-3	Chlorate	0.17	J	0.096	0.38	mg/kg	J	sp	< PQL			
4401817221	RI-9-90.0-20170408	4/8/2017	300.1B	14866-68-3	Chlorate	0.13	J	0.078	0.31	mg/kg	J	sp	< PQL			
4401824981	RI-25-20.0-20170418	4/18/2017	300.1B	14866-68-3	Chlorate	3.1		0.052	0.21	mg/kg	J+	m	MS/MSD %R	184,148	75-125	%
4401824981	RI-25-30.0-20170418	4/18/2017	300.1B	14866-68-3	Chlorate	150		3.7	15	mg/kg	J+	m	MS/MSD %R	184,148	75-125	%
4401824981	RI-25-40.0-20170418	4/18/2017	300.1B	14866-68-3	Chlorate	49		1.4	5.4	mg/kg	J+	m	MS/MSD %R	184,148	75-125	%
4401824981	RI-25-5.0-20170417	4/17/2017	300.1B	14866-68-3	Chlorate	11		0.26	1.1	mg/kg	J+	m	MS/MSD %R	184,148	75-125	%
4401824981	RI-25-50.0-20170418	4/18/2017	300.1B	14866-68-3	Chlorate	7.6		0.31	1.2	mg/kg	J+	m	MS/MSD %R	184,148	75-125	%
4401824981	RI-25-60.0-20170418	4/18/2017	300.1B	14866-68-3	Chlorate	14		0.72	2.9	mg/kg	J+	m	MS/MSD %R	184,148	75-125	%
4401824981	RI-25-70.0-20170418	4/18/2017	300.1B	14866-68-3	Chlorate	11		0.40	1.6	mg/kg	J+	m	MS/MSD %R	184,148	75-125	%
4401824981	RI-25-80.0-20170418	4/18/2017	300.1B	14866-68-3	Chlorate	3.2		0.060	0.24	mg/kg	J+	m	MS/MSD %R	184,148	75-125	%
4401824981	RI-25-80.0-20170418-FD	4/18/2017	300.1B	14866-68-3	Chlorate	3.1		0.058	0.23	mg/kg	J+	m	MS/MSD %R	184,148	75-125	%
4401824981	RI-25-90.0-20170418	4/18/2017	300.1B	14866-68-3	Chlorate	2.4	F1	0.064	0.26	mg/kg	J+	m	MS/MSD %R	184,148	75-125	%
4401826011	RI-25-130.0-20170419	4/19/2017	300.1B	14866-68-3	Chlorate	0.13	J	0.078	0.31	mg/kg	J	sp	< PQL			
4401826011	RI-25-140.0-20170419	4/19/2017	300.1B	14866-68-3	Chlorate	0.23	J	0.074	0.30	mg/kg	J	sp	< PQL			
4401828041	RI-21-110.0-20170423	4/23/2017	300.1B	14866-68-3	Chlorate	0.087	J	0.081	0.32	mg/kg	J	sp	< PQL			
4401828041	RI-21-140.0-20170423	4/23/2017	300.1B	14866-68-3	Chlorate	0.071	J	0.068	0.27	mg/kg	J	sp	< PQL			
4401828291	RI-8-30.0-20170422	4/22/2017	300.1B	14866-68-3	Chlorate	0.14	J	0.072	0.29	mg/kg	J	sp	< PQL			
4401828291	RI-8-60.0-20170422	4/22/2017	300.1B	14866-68-3	Chlorate	0.12	J	0.070	0.28	mg/kg	J	sp	< PQL			
4401828291	RI-8-70.0-20170422	4/22/2017	300.1B	14866-68-3	Chlorate	0.19	J	0.083	0.33	mg/kg	J	sp	< PQL			
4401828861	RI-1-10.0-20170424	4/24/2017	300.1B	14866-68-3	Chlorate	0.061	J	0.055	0.22	mg/kg	J	sp	< PQL			
4401828861	RI-1-20.0-20170424	4/24/2017	300.1B	14866-68-3	Chlorate	0.15	J	0.054	0.22	mg/kg	J	sp	< PQL			
4401834241	RI-13-30.0-20170502	5/2/2017	300.1B	14866-68-3	Chlorate	0.14	J	0.058	0.23	mg/kg	J	sp	< PQL			
4401834261	RIDB-16-20.0-20170502	5/2/2017	300.1B	14866-68-3	Chlorate	0.094	J	0.055	0.22	mg/kg	J	sp	< PQL			
4401835741	RI-12-10.0-20170503	5/3/2017	300.1B	14866-68-3	Chlorate	3100		53	210	mg/kg	J-	s	Surrogate %R (DCAA)	0	90-115	%
4401835741	RI-12-20.0-20170503	5/3/2017	300.1B	14866-68-3	Chlorate	13000		280	1100	mg/kg	J-	s	Surrogate %R (DCAA)	0	90-115	%
4401837051	RI-12-130.0-20170504	5/4/2017	300.1B	14866-68-3	Chlorate	0.14	J	0.079	0.32	mg/kg	J	sp	< PQL			
4401837051	RI-12-140.0-20170504	5/4/2017	300.1B	14866-68-3	Chlorate	0.091	J	0.075	0.30	mg/kg	J	sp	< PQL			
4401837051	RI-12-140.0-20170504-FD	5/4/2017	300.1B	14866-68-3	Chlorate	0.099	J	0.076	0.31	mg/kg	J	sp	< PQL			
4401838191	RI-22-100.0-20170505	5/5/2017	300.1B	14866-68-3	Chlorate	0.13	J	0.099	0.40	mg/kg	J-	m,sp	MS/MSD %R; < PQL	31,47	75-125	%
4401838191	RI-22-110.0-20170505	5/5/2017	300.1B	14866-68-3	Chlorate		U	0.10	0.41	mg/kg	UJ	m	MS/MSD %R	31,47	75-125	%
4401838191	RI-22-120.0-20170505	5/5/2017	300.1B	14866-68-3	Chlorate		U	0.083	0.33	mg/kg	UJ	m	MS/MSD %R	31,47	75-125	%
4401838191	RI-22-120.0-20170505-FD	5/5/2017	300.1B	14866-68-3	Chlorate		U	0.085	0.34	mg/kg	UJ	m	MS/MSD %R	31,47	75-125	%
4401838191	RI-22-130.0-20170505	5/5/2017	300.1B	14866-68-3	Chlorate		U	0.077	0.31	mg/kg	UJ	m	MS/MSD %R	31,47	75-125	%
4401838191	RI-22-70.0-20170504	5/4/2017	300.1B	14866-68-3	Chlorate	3.9	F1	0.066	0.26	mg/kg	J-	m	MS/MSD %R	31,47	75-125	%
4401847231	RI-23-2.0-20170517	5/17/2017	300.1B	14866-68-3	Chlorate	0.20	J	0.055	0.22	mg/kg	J	sp	< PQL			
4401848581	RI-6-10.0-20170518	5/18/2017	300.1B	14866-68-3	Chlorate	0.18	J	0.061	0.24	mg/kg	J	sp	< PQL			
4401849501	RIDB-29-40.0-20170522	5/22/2017	300.1B	14866-68-3	Chlorate	77		3.3	13	mg/kg	J-	s	Surrogate %R (DCAA)	2	90-115	%
4401854761	RI-23-30.0-20170530	5/30/2017	300.1B	14866-68-3	Chlorate	2200		79	320	mg/kg	J-	s	Surrogate %R (DCAA)	0	90-115	%
4401856771	PCDB-1-20.0-20170603	6/3/2017	300.1B	14866-68-3	Chlorate	0.058	J	0.056	0.22	mg/kg	J	sp	< PQL			
4401856771	PCDB-1-30.0-20170603	6/3/2017	300.1B	14866-68-3	Chlorate	0.24	J	0.080	0.32	mg/kg	J	sp	< PQL			
4401856771	PCDB-1-70.0-20170603	6/3/2017	300.1B	14866-68-3	Chlorate	0.12	J	0.083	0.33	mg/kg	J	sp	< PQL			
4401858771	PCDB-2-80.0-20170606	6/6/2017	300.1B	14866-68-3	Chlorate	0.20	J	0.075	0.30	mg/kg	J	sp	< PQL			
4401863971	PCDB-3-100.0-20170613	6/13/2017	300.1B	14866-68-3	Chlorate	1.4		0.070	0.28	mg/kg	J-	m	MS/MSD %R	74,71	75-125	%
4401863971	PCDB-3-100.0-20170613-FD	6/13/2017	300.1B	14866-68-3	Chlorate		U	0.070	0.28	mg/kg	UJ	m	MS/MSD %R	74,71	75-125	%
4401863971	PCDB-3-110.0-20170613	6/13/2017	300.1B	14866-68-3	Chlorate	0.50	F1	0.082	0.33	mg/kg	J-	m	MS/MSD %R	74,71	75-125	%
4401863971	PCDB-3-120.0-20170613	6/13/2017	300.1B	14866-68-3	Chlorate	0.12	J	0.078	0.31	mg/kg	J-	m,sp	MS/MSD %R; < PQL	74,71	75-125	%
4401863971	PCDB-3-130.0-20170613	6/13/2017	300.1B	14866-68-3	Chlorate	0.070	J	0.064	0.26	mg/kg	J-	m,sp	MS/MSD %R; < PQL	74,71	75-125	%
4401863971	PCDB-3-130.0-20170613-FD	6/13/2017	300.1B	14866-68-3	Chlorate	0.075	J	0.065	0.26	mg/kg	J-	m,sp	MS/MSD %R; < PQL	74,71	75-125	%
4401863971	PCDB-3-140.0-20170613	6/13/2017	300.1B	14866-68-3	Chlorate		U	0.078	0.31	mg/kg	UJ	m	MS/MSD %R	74,71	75-125	%
4401863971	PCDB-3-150.0-20170613	6/13/2017	300.1B	14866-68-3	Chlorate		U	0.074	0.29	mg/kg	UJ	m	MS/MSD %R	74,71	75-125	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401863971	PCDB-3-60.0-20170612	6/12/2017	300.1B	14866-68-3	Chlorate	0.64		0.069	0.28	mg/kg	J-	m	MS/MSD %R	74,71	75-125	%
4401863971	PCDB-3-70.0-20170612	6/12/2017	300.1B	14866-68-3	Chlorate	0.088	J	0.082	0.33	mg/kg	J-	m,sp	MS/MSD %R; < PQL	74,71	75-125	%
4401863971	PCDB-3-80.0-20170613	6/13/2017	300.1B	14866-68-3	Chlorate	0.17	J	0.076	0.30	mg/kg	J-	m,sp	MS/MSD %R; < PQL	74,71	75-125	%
4401863971	PCDB-3-90.0-20170613	6/13/2017	300.1B	14866-68-3	Chlorate		U	0.070	0.28	mg/kg	UJ	m	MS/MSD %R	74,71	75-125	%
4401867861	RI-26-130.0-20170618	6/18/2017	300.1B	14866-68-3	Chlorate	0.23	J	0.074	0.29	mg/kg	J	sp	< PQL			
4401869201	M-196-120.0-20170620	6/20/2017	300.1B	14866-68-3	Chlorate	0.078	J	0.077	0.31	mg/kg	J	sp	< PQL			
4401869201	M-196-130.0-20170620	6/20/2017	300.1B	14866-68-3	Chlorate	0.086	J	0.071	0.28	mg/kg	J	sp	< PQL			
4401869201	M-196-140.0-20170620	6/20/2017	300.1B	14866-68-3	Chlorate	0.13	J	0.077	0.31	mg/kg	J	sp	< PQL			
4401875331	RI-3-40.0-20170629	6/29/2017	300.1B	14866-68-3	Chlorate	0.096	J	0.071	0.28	mg/kg	J	sp	< PQL			
4401875941	RI-4-30.0-20170630	6/30/2017	300.1B	14866-68-3	Chlorate	0.092	J	0.065	0.26	mg/kg	J	sp	< PQL			
4401875941	RI-4-30.0-20170630-FD	6/30/2017	300.1B	14866-68-3	Chlorate	0.088	J	0.066	0.26	mg/kg	J	sp	< PQL			
4401781721	RIDB-10-1.0-20170223	2/23/2017	314.0	14797-73-0	Perchlorate	0.28		0.010	0.011	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401781721	RIDB-10-10.0-20170224	2/24/2017	314.0	14797-73-0	Perchlorate	67		1.0	1.1	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401781721	RIDB-10-30.0-20170224	2/24/2017	314.0	14797-73-0	Perchlorate	800		14	15	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401781721	RIDB-13-30.0-20170224	2/24/2017	314.0	14797-73-0	Perchlorate	91		1.5	1.6	mg/kg	J	fd,m	FD RPD; MS/MSD %R	108; 68,75	50; 80-120	%
4401781721	RIDB-13-30.0-20170224-FD	2/24/2017	314.0	14797-73-0	Perchlorate	27		0.79	0.83	mg/kg	J	fd	FD RPD	108	50	%
4401781721	RIDB-13-40.0-20170224	2/24/2017	314.0	14797-73-0	Perchlorate	270		6.7	7.1	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401781721	RIDB-13-50.0-20170224	2/24/2017	314.0	14797-73-0	Perchlorate	210		6.4	6.7	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401781721	RIDB-13-60.0-20170224	2/24/2017	314.0	14797-73-0	Perchlorate	5.9		0.15	0.15	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401781721	RIDB-14-30.0-20170223	2/23/2017	314.0	14797-73-0	Perchlorate	4.9		0.10	0.11	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401781721	RIDB-14-40.0-20170223	2/23/2017	314.0	14797-73-0	Perchlorate	670		15	16	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401781721	RIDB-14-40.0-20170223-FD	2/23/2017	314.0	14797-73-0	Perchlorate	780		15	16	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401781721	RIDB-14-50.0-20170223	2/23/2017	314.0	14797-73-0	Perchlorate	1200		17	17	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401781721	RIDB-14-60.0-20170223	2/23/2017	314.0	14797-73-0	Perchlorate	700		14	15	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401781721	RIDB-14-70.0-20170224	2/24/2017	314.0	14797-73-0	Perchlorate	150		7.8	8.2	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401781721	RIDB-9-90.0-20170223	2/23/2017	314.0	14797-73-0	Perchlorate	0.045	F1	0.016	0.017	mg/kg	J-	m	MS/MSD %R	68,75	80-120	%
4401791531	RIDB-1-10.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	0.22	F1	0.010	0.011	mg/kg	J-	m	MS/MSD %R	76,69	80-120	%
4401791531	RIDB-1-20.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	0.73		0.012	0.012	mg/kg	J-	m	MS/MSD %R	76,69	80-120	%
4401791531	RIDB-1-30.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	0.016		0.013	0.014	mg/kg	J-	m	MS/MSD %R	76,69	80-120	%
4401791531	RIDB-1-5.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	0.33		0.010	0.011	mg/kg	J-	m	MS/MSD %R	76,69	80-120	%
4401791531	RIDB-20-10.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	59		1.0	1.1	mg/kg	J-	m	MS/MSD %R	76,69	80-120	%
4401791531	RIDB-20-40.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	240		3.1	3.3	mg/kg	J-	m	MS/MSD %R	76,69	80-120	%
4401791531	RIDB-20-50.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	310		7.0	7.4	mg/kg	J-	m	MS/MSD %R	76,69	80-120	%
4401791531	RIDB-20-60.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	110		2.8	3.0	mg/kg	J-	m	MS/MSD %R	76,69	80-120	%
4401791531	RIDB-20-80.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	0.10	F1	0.013	0.014	mg/kg	J-	m	MS/MSD %R	76,74	80-120	%
4401791531	RIDB-20-90.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate		U	0.012	0.013	mg/kg	UJ	m	MS/MSD %R	76,74	80-120	%
4401791531	RIDB-4-70.0-20170307	3/7/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.015	mg/kg	UJ	m	MS/MSD %R	76,69	80-120	%
4401791531	RIDB-4-80.0-20170307	3/7/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.013	mg/kg	UJ	m	MS/MSD %R	76,69	80-120	%
4401791531	RIDB-4-90.0-20170307	3/7/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	UJ	m	MS/MSD %R	76,69	80-120	%
4401792801	RIDB-1-60.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	5.5		0.069	0.073	mg/kg	J-	m	MS/MSD %R	71,78	80-120	%
4401792801	RIDB-1-70.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	19		0.72	0.76	mg/kg	J-	m	MS/MSD %R	71,78	80-120	%
4401792801	RIDB-17-1.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	0.88		0.010	0.011	mg/kg	J-	m	MS/MSD %R	71,78	80-120	%
4401792801	RIDB-17-10.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	0.056		0.010	0.011	mg/kg	J-	m	MS/MSD %R	71,78	80-120	%
4401792801	RIDB-17-20.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	0.063		0.010	0.011	mg/kg	J-	m	MS/MSD %R	71,78	80-120	%
4401792801	RIDB-17-30.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	400		14	14	mg/kg	J-	m	MS/MSD %R	71,78	80-120	%
4401792801	RIDB-17-30.0-20170309-FD	3/9/2017	314.0	14797-73-0	Perchlorate	430		13	14	mg/kg	J-	m	MS/MSD %R	71,78	80-120	%
4401792801	RIDB-17-5.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	0.12		0.011	0.011	mg/kg	J-	m	MS/MSD %R	71,78	80-120	%
4401792801	RIDB-1-80.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	0.060		0.017	0.018	mg/kg	J-	m	MS/MSD %R	71,78	80-120	%
4401792801	RIDB-1-90.0-20170308	3/8/2017	314.0	14797-73-0	Perchlorate	0.061		0.015	0.016	mg/kg	J-	m	MS/MSD %R	76,74	80-120	%
4401792801	RIDB-2-0.5-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	0.49	F1	0.010	0.011	mg/kg	J-	m	MS/MSD %R	71,78	80-120	%
4401792801	RIDB-2-10.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate		U	0.011	0.012	mg/kg	UJ	m	MS/MSD %R	71,78	80-120	%
4401792801	RIDB-2-20.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	2.3		0.067	0.070	mg/kg	J	fd,m	FD RPD; MS/MSD %R	61; 71,78	50; 80-120	%
4401792801	RIDB-2-20.0-20170309-FD	3/9/2017	314.0	14797-73-0	Perchlorate	4.3		0.081	0.085	mg/kg	J	fd,m	FD RPD; MS/MSD %R	61; 71,78	50; 80-120	%
4401792801	RIDB-2-30.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	10		0.73	0.77	mg/kg	J-	m	MS/MSD %R	71,78	80-120	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401792801	RIDB-2-40.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	33		0.65	0.69	mg/kg	J-	m	MS/MSD %R	71,78	80-120 %
4401792801	RIDB-2-5.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate		U	0.011	0.011	mg/kg	UJ	m	MS/MSD %R	71,78	80-120 %
4401792801	RIDB-2-50.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	9.8		0.17	0.18	mg/kg	J-	m	MS/MSD %R	71,78	80-120 %
4401792801	RIDB-2-60.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	2.8		0.070	0.073	mg/kg	J-	m	MS/MSD %R	71,78	80-120 %
4401792801	RIDB-2-70.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	0.071		0.012	0.013	mg/kg	J-	m	MS/MSD %R	71,78	80-120 %
4401792801	RIDB-2-80.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate	0.020		0.014	0.015	mg/kg	J-	m	MS/MSD %R	71,78	80-120 %
4401792801	RIDB-2-90.0-20170309	3/9/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	UJ	m	MS/MSD %R	71,78	80-120 %
4401794561	RI-16-10.0-20170312	3/12/2017	314.0	14797-73-0	Perchlorate	0.059		0.010	0.011	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RI-16-40.0-20170312	3/12/2017	314.0	14797-73-0	Perchlorate	130		2.7	2.8	mg/kg	J	m,ld	MS/MSD %R, RPD	3,31; 21	80-120; 20 %
4401794561	RI-16-5.0-20170312	3/12/2017	314.0	14797-73-0	Perchlorate	0.066		0.010	0.011	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RI-16-70.0-20170312	3/12/2017	314.0	14797-73-0	Perchlorate	1.6	F1	0.081	0.086	mg/kg	J	m,ld	MS/MSD %R, RPD	3,31; 21	80-120; 20 %
4401794561	RI-16-80.0-20170312	3/12/2017	314.0	14797-73-0	Perchlorate	0.37		0.014	0.015	mg/kg	J	fd,m,ld	FD RPD; MS/MSD %R, RPD	75; 3,31; 21	50; 80-120; 20 %
4401794561	RI-16-80.0-20170312-FD	3/12/2017	314.0	14797-73-0	Perchlorate	0.81		0.014	0.015	mg/kg	J	fd,m,ld	FD RPD; MS/MSD %R, RPD	75; 3,31; 21	50; 80-120; 20 %
4401794561	RIDB-15-60.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	180		2.9	3.0	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-15-70.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	64		0.90	0.95	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-15-80.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	3.7		0.15	0.16	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-15-80.0-20170311-FD	3/11/2017	314.0	14797-73-0	Perchlorate	3.5		0.16	0.16	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-15-90.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	2.5		0.075	0.079	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-5-0.5-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	0.41		0.010	0.011	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-5-10.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	0.14		0.011	0.011	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-5-20.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	19		0.24	0.25	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-5-30.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	1200		16	17	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-5-40.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	820		13	14	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-5-5.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	0.12		0.010	0.011	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-5-5.0-20170311-FD	3/11/2017	314.0	14797-73-0	Perchlorate	0.13		0.010	0.011	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-5-50.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	20		0.66	0.69	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-5-60.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	10		0.83	0.87	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-5-70.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	0.28	F1	0.012	0.013	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-5-80.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	0.24		0.017	0.018	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-5-90.0-20170311	3/11/2017	314.0	14797-73-0	Perchlorate	0.14		0.017	0.018	mg/kg	J-	m	MS/MSD %R	77,77	80-120 %
4401794561	RIDB-7-10.0-20170312	3/12/2017	314.0	14797-73-0	Perchlorate	0.65		0.010	0.011	mg/kg	J	m,ld	MS/MSD %R, RPD	3,31; 21	80-120; 20 %
4401794561	RIDB-7-20.0-20170312	3/12/2017	314.0	14797-73-0	Perchlorate	120		2.6	2.7	mg/kg	J	m,ld	MS/MSD %R, RPD	3,31; 21	80-120; 20 %
4401794561	RIDB-7-30.0-20170312	3/12/2017	314.0	14797-73-0	Perchlorate	0.63		0.017	0.018	mg/kg	J	m,ld	MS/MSD %R, RPD	3,31; 21	80-120; 20 %
4401794561	RIDB-7-40.0-20170312	3/12/2017	314.0	14797-73-0	Perchlorate	1.7		0.067	0.070	mg/kg	J	m,ld	MS/MSD %R, RPD	3,31; 21	80-120; 20 %
4401794561	RIDB-7-50.0-20170312	3/12/2017	314.0	14797-73-0	Perchlorate	6.9	F2	0.31	0.33	mg/kg	J	m,ld	MS/MSD %R, RPD	3,31; 21	80-120; 20 %
4401794561	RIDB-7-60.0-20170312	3/12/2017	314.0	14797-73-0	Perchlorate	3.9		0.064	0.067	mg/kg	J	m,ld	MS/MSD %R, RPD	3,31; 21	80-120; 20 %
4401797421	RIDB-18-90.0-20170315	3/15/2017	314.0	14797-73-0	Perchlorate	1.6	F1	0.076	0.080	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401803311	RIDB-27-50.0-20170322	3/22/2017	314.0	14797-73-0	Perchlorate	0.79		0.027	0.029	mg/kg	J	fd	FD RPD	151	50 %
4401803311	RIDB-27-50.0-20170322-FD	3/22/2017	314.0	14797-73-0	Perchlorate	0.11		0.013	0.014	mg/kg	J	fd	FD RPD	151	50 %
4401804391	RIDB-28-10.0-20170323	3/23/2017	314.0	14797-73-0	Perchlorate	1.3		0.051	0.054	mg/kg	J	fd	FD RPD	142	50 %
4401804391	RIDB-28-10.0-20170323-FD	3/23/2017	314.0	14797-73-0	Perchlorate	7.7		0.51	0.53	mg/kg	J	fd	FD RPD	142	50 %
4401809681	RIDB-21-80.0-20170328	3/28/2017	314.0	14797-73-0	Perchlorate	0.72	F1	0.015	0.016	mg/kg	J-	m	MS/MSD %R	71,76	80-120 %
4401809681	RIDB-21-90.0-20170328	3/28/2017	314.0	14797-73-0	Perchlorate	0.43		0.012	0.013	mg/kg	J-	m	MS/MSD %R	71,76	80-120 %
4401816611	RI-9-5.0-20170407	4/7/2017	314.0	14797-73-0	Perchlorate	1.9	F1	0.052	0.054	mg/kg	J+	m	MS/MSD %R	172,162	80-120 %
4401817161	RI-7-10.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	21		0.52	0.54	mg/kg	J-	m	MS/MSD %R	65,68	80-120 %
4401817161	RI-7-100.0-20170409	4/9/2017	314.0	14797-73-0	Perchlorate	0.016	F1	0.014	0.015	mg/kg	J-	m	MS/MSD %R	65,68	80-120 %
4401817161	RI-7-20.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	1.1		0.052	0.054	mg/kg	J-	m	MS/MSD %R	65,68	80-120 %
4401817161	RI-7-20.0-20170408-FD	4/8/2017	314.0	14797-73-0	Perchlorate	1.2		0.052	0.055	mg/kg	J-	m	MS/MSD %R	65,68	80-120 %
4401817161	RI-7-30.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	4.9		0.078	0.082	mg/kg	J-	m	MS/MSD %R	65,68	80-120 %
4401817161	RI-7-40.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	3.8		0.077	0.082	mg/kg	J-	m	MS/MSD %R	65,68	80-120 %
4401817161	RI-7-5.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	1.7		0.051	0.054	mg/kg	J-	m	MS/MSD %R	65,68	80-120 %
4401817161	RI-7-50.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	3.7		0.069	0.073	mg/kg	J-	m	MS/MSD %R	65,68	80-120 %
4401817161	RI-7-60.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	3.1		0.082	0.086	mg/kg	J-	m	MS/MSD %R	65,68	80-120 %
4401817161	RI-7-70.0-20170409	4/9/2017	314.0	14797-73-0	Perchlorate	1.4		0.074	0.078	mg/kg	J-	m	MS/MSD %R	65,68	80-120 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401817161	RI-7-80.0-20170409	4/9/2017	314.0	14797-73-0	Perchlorate	0.75		0.016	0.017	mg/kg	J-	m	MS/MSD %R	65,68	80-120 %
4401817161	RI-7-90.0-20170409	4/9/2017	314.0	14797-73-0	Perchlorate	0.14		0.018	0.019	mg/kg	J-	m	MS/MSD %R	65,68	80-120 %
4401817161	RI-7-95.0-20170409	4/9/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	UJ	m	MS/MSD %R	65,68	80-120 %
4401817221	RI-10-10.0-20170409	4/9/2017	314.0	14797-73-0	Perchlorate	0.99		0.050	0.053	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817221	RI-10-5.0-20170409	4/9/2017	314.0	14797-73-0	Perchlorate	0.18	F1	0.010	0.011	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817221	RI-9-10.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	25		0.52	0.54	mg/kg	J+	m	MS/MSD %R	139,129	80-120 %
4401817221	RI-9-100.0-20170409	4/9/2017	314.0	14797-73-0	Perchlorate	0.044		0.015	0.016	mg/kg	J+	m	MS/MSD %R	139,129	80-120 %
4401817221	RI-9-110.0-20170409	4/9/2017	314.0	14797-73-0	Perchlorate	0.018		0.017	0.018	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817221	RI-9-110.0-20170409-FD	4/9/2017	314.0	14797-73-0	Perchlorate		U	0.018	0.019	mg/kg	UJ	m	MS/MSD %R	-,75	80-120 %
4401817221	RI-9-120.0-20170409	4/9/2017	314.0	14797-73-0	Perchlorate	0.11		0.015	0.016	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817221	RI-9-130.0-20170409	4/9/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	UJ	m	MS/MSD %R	-,75	80-120 %
4401817221	RI-9-20.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	3.7		0.054	0.057	mg/kg	J+	m	MS/MSD %R	139,129	80-120 %
4401817221	RI-9-30.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	1.4		0.068	0.072	mg/kg	J+	m	MS/MSD %R	139,129	80-120 %
4401817221	RI-9-40.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	1.5		0.075	0.079	mg/kg	J+	m	MS/MSD %R	139,129	80-120 %
4401817221	RI-9-50.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	1.2	F1	0.073	0.077	mg/kg	J+	m	MS/MSD %R	139,129	80-120 %
4401817221	RI-9-60.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	1.9		0.061	0.064	mg/kg	J+	m	MS/MSD %R	139,129	80-120 %
4401817221	RI-9-70.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	14		0.74	0.78	mg/kg	J+	m	MS/MSD %R	139,129	80-120 %
4401817221	RI-9-80.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	2.3		0.076	0.080	mg/kg	J+	m	MS/MSD %R	139,129	80-120 %
4401817221	RI-9-90.0-20170408	4/8/2017	314.0	14797-73-0	Perchlorate	0.030		0.015	0.016	mg/kg	J+	m	MS/MSD %R	139,129	80-120 %
4401817491	RI-10-100.0-20170410	4/10/2017	314.0	14797-73-0	Perchlorate	0.39		0.015	0.015	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817491	RI-10-110.0-20170410	4/10/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	-,75	80-120 %
4401817491	RI-10-20.0-20170410	4/10/2017	314.0	14797-73-0	Perchlorate	16		0.82	0.86	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817491	RI-10-30.0-20170410	4/10/2017	314.0	14797-73-0	Perchlorate	1.0		0.015	0.016	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817491	RI-10-40.0-20170410	4/10/2017	314.0	14797-73-0	Perchlorate	1.5		0.073	0.077	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817491	RI-10-50.0-20170410	4/10/2017	314.0	14797-73-0	Perchlorate	1.0		0.014	0.015	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817491	RI-10-60.0-20170410	4/10/2017	314.0	14797-73-0	Perchlorate	0.84		0.013	0.014	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817491	RI-10-70.0-20170410	4/10/2017	314.0	14797-73-0	Perchlorate	1.3		0.015	0.016	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817491	RI-10-70.0-20170410-FD	4/10/2017	314.0	14797-73-0	Perchlorate	0.96		0.015	0.015	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817491	RI-10-80.0-20170410	4/10/2017	314.0	14797-73-0	Perchlorate	0.45		0.015	0.016	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401817491	RI-10-90.0-20170410	4/10/2017	314.0	14797-73-0	Perchlorate	0.16		0.015	0.016	mg/kg	J-	m	MS/MSD %R	-,75	80-120 %
4401824941	RI-24-1.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	0.028	F1	0.0099	0.010	mg/kg	J-	m	MS/MSD %R	56,67	80-120 %
4401824941	RI-24-10.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	6.0		0.10	0.11	mg/kg	J-	m	MS/MSD %R	56,67	80-120 %
4401824941	RI-24-20.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	27		0.51	0.54	mg/kg	J-	m	MS/MSD %R	56,67	80-120 %
4401824941	RI-24-30.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	260		7.8	8.2	mg/kg	J-	m	MS/MSD %R	56,67	80-120 %
4401824941	RI-24-40.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	4.8		0.15	0.16	mg/kg	J-	m	MS/MSD %R	56,67	80-120 %
4401824941	RI-24-5.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	0.58		0.0098	0.010	mg/kg	J-	m	MS/MSD %R	56,67	80-120 %
4401824941	RI-24-50.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	1.6		0.077	0.081	mg/kg	J-	m	MS/MSD %R	56,67	80-120 %
4401824941	RI-24-60.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	0.39		0.014	0.015	mg/kg	J-	m	MS/MSD %R	56,67	80-120 %
4401824941	RI-24-70.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	0.28		0.012	0.013	mg/kg	J-	m	MS/MSD %R	56,67	80-120 %
4401824941	RI-24-80.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	0.068		0.013	0.014	mg/kg	J-	m	MS/MSD %R	56,67	80-120 %
4401824941	RI-24-90.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	0.014		0.014	0.014	mg/kg	J-	m	MS/MSD %R	56,67	80-120 %
4401824941	RI-24-90.0-20170418-FD	4/18/2017	314.0	14797-73-0	Perchlorate	0.022		0.014	0.014	mg/kg	J-	m	MS/MSD %R	56,67	80-120 %
4401826011	RI-25-100.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	0.65		0.014	0.015	mg/kg	J-	m	MS/MSD %R	76,74	80-120 %
4401826011	RI-25-105.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate	0.15		0.015	0.016	mg/kg	J-	m	MS/MSD %R	76,74	80-120 %
4401826011	RI-25-110.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	76,74	80-120 %
4401826011	RI-25-115.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	UJ	m	MS/MSD %R	76,74	80-120 %
4401826011	RI-25-120.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	UJ	m	MS/MSD %R	76,74	80-120 %
4401826011	RI-25-125.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	UJ	m	MS/MSD %R	76,74	80-120 %
4401826011	RI-25-130.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	76,74	80-120 %
4401826011	RI-25-135.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate	0.016		0.015	0.015	mg/kg	J-	m	MS/MSD %R	76,74	80-120 %
4401826011	RI-25-140.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate	0.057		0.014	0.015	mg/kg	J-	m	MS/MSD %R	76,74	80-120 %
4401826011	RI-25-145.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	UJ	m	MS/MSD %R	76,74	80-120 %
4401826011	RI-25-150.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	UJ	m	MS/MSD %R	76,74	80-120 %
4401826011	RI-25-95.0-20170418	4/18/2017	314.0	14797-73-0	Perchlorate	0.35	F1	0.014	0.015	mg/kg	J-	m	MS/MSD %R	76,74	80-120 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401826021	RI-24-100.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.017	0.018	mg/kg	UJ	m	MS/MSD %R	69,72	80-120 %
4401826021	RI-24-105.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	69,72	80-120 %
4401826021	RI-24-110.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		UF1	0.013	0.014	mg/kg	UJ	m	MS/MSD %R	69,72	80-120 %
4401826021	RI-24-115.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	UJ	m	MS/MSD %R	69,72	80-120 %
4401826021	RI-24-120.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	UJ	m	MS/MSD %R	69,72	80-120 %
4401826021	RI-24-125.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	UJ	m	MS/MSD %R	69,72	80-120 %
4401826021	RI-24-130.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.017	0.017	mg/kg	UJ	m	MS/MSD %R	69,72	80-120 %
4401826021	RI-24-135.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.017	0.018	mg/kg	UJ	m	MS/MSD %R	69,72	80-120 %
4401826021	RI-24-140.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	69,72	80-120 %
4401826021	RI-24-145.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	69,72	80-120 %
4401826021	RI-24-150.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.015	mg/kg	UJ	m	MS/MSD %R	69,72	80-120 %
4401826021	RI-24-95.0-20170419	4/19/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	UJ	m	MS/MSD %R	69,72	80-120 %
4401829421	RI-1-125.0-20170425	4/25/2017	314.0	14797-73-0	Perchlorate	0.014	J	0.014	0.015	mg/kg	J	sp	< PQL		
4401835811	RI-13-110.0-20170503	5/3/2017	314.0	14797-73-0	Perchlorate	0.030		0.016	0.016	mg/kg	J	fd	FD RPD	83	50 %
4401835811	RI-13-110.0-20170503-FD	5/3/2017	314.0	14797-73-0	Perchlorate	0.073		0.015	0.016	mg/kg	J	fd	FD RPD	83	50 %
4401837021	RI-22-50.0-20170504	5/4/2017	314.0	14797-73-0	Perchlorate	0.38		0.069	0.073	mg/kg	J-	m	MS/MSD %R	71,71	80-120 %
4401837021	RI-22-50.0-20170504-FD	5/4/2017	314.0	14797-73-0	Perchlorate	0.47		0.014	0.014	mg/kg	J-	m	MS/MSD %R	71,71	80-120 %
4401837021	RI-22-60.0-20170504	5/4/2017	314.0	14797-73-0	Perchlorate	0.56		0.014	0.014	mg/kg	J-	m	MS/MSD %R	71,71	80-120 %
4401838191	RI-22-100.0-20170505	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.019	0.020	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-105.0-20170505	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-110.0-20170505	5/5/2017	314.0	14797-73-0	Perchlorate		UF2F1	0.020	0.021	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-115.0-20170505	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-120.0-20170505	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.016	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-120.0-20170505-FD	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-125.0-20170505	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.015	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-130.0-20170505	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.015	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-135.0-20170505	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-140.0-20170505	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-145.0-20170505	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-145.0-20170505-FD	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-150.0-20170505	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	R	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-70.0-20170504	5/4/2017	314.0	14797-73-0	Perchlorate	0.77	F1	0.063	0.066	mg/kg	J-	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-80.0-20170504	5/4/2017	314.0	14797-73-0	Perchlorate	0.31		0.012	0.013	mg/kg	J-	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-80.0-20170504-FD	5/4/2017	314.0	14797-73-0	Perchlorate	0.26		0.012	0.013	mg/kg	J-	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-90.0-20170504	5/4/2017	314.0	14797-73-0	Perchlorate	0.23		0.015	0.015	mg/kg	J-	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838191	RI-22-95.0-20170504	5/4/2017	314.0	14797-73-0	Perchlorate	0.10		0.016	0.017	mg/kg	J-	m	MS/MSD %R	24,17; 29,44	80-120 %
4401838621	M-244-100.0-20170506	5/6/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	UJ	m	MS/MSD %R	72,72; 71,71	80-120 %
4401838621	M-244-110.0-20170506	5/6/2017	314.0	14797-73-0	Perchlorate	0.15	F1	0.013	0.014	mg/kg	J-	m	MS/MSD %R	72,72; 71,71	80-120 %
4401838621	M-244-120.0-20170506	5/6/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	UJ	m	MS/MSD %R	72,72; 71,71	80-120 %
4401838621	M-244-130.0-20170506	5/6/2017	314.0	14797-73-0	Perchlorate		UF1	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	72,72; 71,71	80-120 %
4401838621	M-244-60.0-20170505	5/5/2017	314.0	14797-73-0	Perchlorate		U	0.74	0.78	mg/kg	UJ	m	MS/MSD %R	72,72; 71,71	80-120 %
4401838621	M-244-70.0-20170506	5/6/2017	314.0	14797-73-0	Perchlorate		U	0.82	0.86	mg/kg	UJ	m	MS/MSD %R	72,72; 71,71	80-120 %
4401838621	M-244-80.0-20170506	5/6/2017	314.0	14797-73-0	Perchlorate		U	0.81	0.86	mg/kg	UJ	m	MS/MSD %R	72,72; 71,71	80-120 %
4401838621	M-244-90.0-20170506	5/6/2017	314.0	14797-73-0	Perchlorate		U	0.15	0.16	mg/kg	UJ	m	MS/MSD %R	72,72; 71,71	80-120 %
4401838621	M-244-90.0-20170506-FD	5/6/2017	314.0	14797-73-0	Perchlorate		U	0.13	0.14	mg/kg	UJ	m	MS/MSD %R	72,72; 71,71	80-120 %
4401849081	RI-27-100.0-20170520	5/20/2017	314.0	14797-73-0	Perchlorate	0.062		0.012	0.012	mg/kg	J-	m	MS/MSD %R	73,-	80-120 %
4401849081	RI-27-105.0-20170520	5/20/2017	314.0	14797-73-0	Perchlorate	0.14		0.015	0.016	mg/kg	J-	m	MS/MSD %R	71,71	80-120 %
4401849081	RI-27-110.0-20170520	5/20/2017	314.0	14797-73-0	Perchlorate	0.064		0.014	0.015	mg/kg	J-	m	MS/MSD %R	71,71	80-120 %
4401849081	RI-27-115.0-20170520	5/20/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	71,71	80-120 %
4401849081	RI-27-120.0-20170520	5/20/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	UJ	m	MS/MSD %R	71,71	80-120 %
4401849081	RI-27-125.0-20170521	5/21/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	UJ	m	MS/MSD %R	71,71	80-120 %
4401849081	RI-27-125.0-20170521-FD	5/21/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	UJ	m	MS/MSD %R	71,71	80-120 %
4401849081	RI-27-130.0-20170521	5/21/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.016	mg/kg	UJ	m	MS/MSD %R	71,71	80-120 %
4401849081	RI-27-135.0-20170521	5/21/2017	314.0	14797-73-0	Perchlorate		U	0.018	0.019	mg/kg	UJ	m	MS/MSD %R	71,71	80-120 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401849081	RI-27-140.0-20170521	5/21/2017	314.0	14797-73-0	Perchlorate		UF1	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	71,71	80-120 %
4401849081	RI-27-145.0-20170521	5/21/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	71,71	80-120 %
4401849081	RI-27-150.0-20170521	5/21/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	UJ	m	MS/MSD %R	71,71	80-120 %
4401849081	RI-27-50.0-20170519	5/19/2017	314.0	14797-73-0	Perchlorate	0.43		0.013	0.013	mg/kg	J-	m	MS/MSD %R	73,-	80-120 %
4401849081	RI-27-50.0-20170519-FD	5/19/2017	314.0	14797-73-0	Perchlorate	0.45		0.014	0.014	mg/kg	J-	m	MS/MSD %R	73,-	80-120 %
4401849081	RI-27-60.0-20170520	5/20/2017	314.0	14797-73-0	Perchlorate	0.38	F1	0.014	0.015	mg/kg	J-	m	MS/MSD %R	73,-	80-120 %
4401849081	RI-27-70.0-20170520	5/20/2017	314.0	14797-73-0	Perchlorate	0.11		0.011	0.011	mg/kg	J-	m	MS/MSD %R	73,-	80-120 %
4401849081	RI-27-80.0-20170520	5/20/2017	314.0	14797-73-0	Perchlorate	0.063		0.011	0.011	mg/kg	J-	m	MS/MSD %R	73,-	80-120 %
4401849081	RI-27-80.0-20170520-FD	5/20/2017	314.0	14797-73-0	Perchlorate	0.071		0.011	0.012	mg/kg	J-	m	MS/MSD %R	73,-	80-120 %
4401849081	RI-27-90.0-20170520	5/20/2017	314.0	14797-73-0	Perchlorate	0.25		0.015	0.016	mg/kg	J-	m	MS/MSD %R	73,-	80-120 %
4401849081	RI-27-95.0-20170520	5/20/2017	314.0	14797-73-0	Perchlorate	0.16		0.015	0.016	mg/kg	J-	m	MS/MSD %R	73,-	80-120 %
4401850561	RIDB-29-60.0-20170522	5/22/2017	314.0	14797-73-0	Perchlorate	0.24		0.016	0.016	mg/kg	J-	m	MS/MSD %R	76,75	80-120 %
4401850561	RIDB-29-70.0-20170523	5/23/2017	314.0	14797-73-0	Perchlorate	0.034		0.014	0.014	mg/kg	J-	m	MS/MSD %R	76,75	80-120 %
4401850561	RIDB-29-70.0-20170523-FD	5/23/2017	314.0	14797-73-0	Perchlorate	0.037		0.013	0.014	mg/kg	J-	m	MS/MSD %R	76,75	80-120 %
4401850561	RIDB-29-80.0-20170523	5/23/2017	314.0	14797-73-0	Perchlorate	0.10	F1	0.015	0.016	mg/kg	J-	m	MS/MSD %R	76,75	80-120 %
4401850561	RIDB-29-90.0-20170523	5/23/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	UJ	m	MS/MSD %R	76,75	80-120 %
4401855831	RI-23-110.0-20170531	5/31/2017	314.0	14797-73-0	Perchlorate	0.022	F1	0.015	0.016	mg/kg	J-	m	MS/MSD %R	74,77	80-120 %
4401855831	RI-23-110.0-20170531-FD	5/31/2017	314.0	14797-73-0	Perchlorate	0.028		0.014	0.015	mg/kg	J-	m	MS/MSD %R	74,77	80-120 %
4401855831	RI-23-115.0-20170531	5/31/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.015	mg/kg	UJ	m	MS/MSD %R	74,77	80-120 %
4401855831	RI-23-120.0-20170531	5/31/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	UJ	m	MS/MSD %R	74,77	80-120 %
4401855831	RI-23-125.0-20170601	6/1/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	74,77	80-120 %
4401855831	RI-23-130.0-20170601	6/1/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	74,77	80-120 %
4401855831	RI-23-135.0-20170601	6/1/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	UJ	m	MS/MSD %R	74,77	80-120 %
4401855831	RI-23-140.0-20170601	6/1/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.015	mg/kg	UJ	m	MS/MSD %R	74,77	80-120 %
4401855831	RI-23-140.0-20170601-FD	6/1/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.014	mg/kg	UJ	m	MS/MSD %R	74,77	80-120 %
4401855831	RI-23-145.0-20170601	6/1/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.015	mg/kg	UJ	m	MS/MSD %R	74,77	80-120 %
4401855831	RI-23-150.0-20170601	6/1/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.015	mg/kg	UJ	m	MS/MSD %R	74,77	80-120 %
4401856771	PCDB-1-100.0-20170604	6/4/2017	314.0	14797-73-0	Perchlorate	0.020		0.016	0.016	mg/kg	J-	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-110.0-20170604	6/4/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.013	mg/kg	UJ	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-110.0-20170604-FD	6/4/2017	314.0	14797-73-0	Perchlorate		U	0.012	0.013	mg/kg	UJ	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-120.0-20170604	6/4/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.014	mg/kg	UJ	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-130.0-20170604	6/4/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	UJ	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-140.0-20170604	6/4/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.013	mg/kg	UJ	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-20.0-20170603	6/3/2017	314.0	14797-73-0	Perchlorate	0.23		0.011	0.011	mg/kg	J-	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-30.0-20170603	6/3/2017	314.0	14797-73-0	Perchlorate	1.7		0.076	0.080	mg/kg	J-	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-40.0-20170603	6/3/2017	314.0	14797-73-0	Perchlorate	0.99		0.026	0.027	mg/kg	J-	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-5.0-20170602	6/2/2017	314.0	14797-73-0	Perchlorate	0.23		0.010	0.011	mg/kg	J-	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-50.0-20170603	6/3/2017	314.0	14797-73-0	Perchlorate		UF1	0.069	0.072	mg/kg	UJ	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-60.0-20170603	6/3/2017	314.0	14797-73-0	Perchlorate	3.0		0.081	0.085	mg/kg	J-	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-70.0-20170603	6/3/2017	314.0	14797-73-0	Perchlorate		U	0.078	0.083	mg/kg	UJ	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-80.0-20170603	6/3/2017	314.0	14797-73-0	Perchlorate		U	0.012	0.013	mg/kg	UJ	m	MS/MSD %R	79,79	80-120 %
4401856771	PCDB-1-90.0-20170603	6/3/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.014	mg/kg	UJ	m	MS/MSD %R	79,79	80-120 %
4401858771	PCDB-2-100.0-20170606	6/6/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	R	m	MS/MSD %R	15,47	80-120 %
4401858771	PCDB-2-110.0-20170606	6/6/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	R	m	MS/MSD %R	15,47	80-120 %
4401858771	PCDB-2-30.0-20170605	6/5/2017	314.0	14797-73-0	Perchlorate	1.4		0.052	0.055	mg/kg	J	m,ld	MS/MSD %R, RPD	15,47; 102	80-120; 20 %
4401858771	PCDB-2-40.0-20170606	6/6/2017	314.0	14797-73-0	Perchlorate	1.3		0.061	0.064	mg/kg	J	m,ld	MS/MSD %R, RPD	15,47; 102	80-120; 20 %
4401858771	PCDB-2-50.0-20170606	6/6/2017	314.0	14797-73-0	Perchlorate	2.7		0.054	0.056	mg/kg	J	m,ld	MS/MSD %R, RPD	15,47; 102	80-120; 20 %
4401858771	PCDB-2-50.0-20170606-FD	6/6/2017	314.0	14797-73-0	Perchlorate	1.9		0.053	0.056	mg/kg	J	m,ld	MS/MSD %R, RPD	15,47; 102	80-120; 20 %
4401858771	PCDB-2-60.0-20170606	6/6/2017	314.0	14797-73-0	Perchlorate	0.45		0.015	0.016	mg/kg	J	m,ld	MS/MSD %R, RPD	15,47; 102	80-120; 20 %
4401858771	PCDB-2-70.0-20170606	6/6/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.015	mg/kg	R	m	MS/MSD %R	15,47	80-120 %
4401858771	PCDB-2-80.0-20170606	6/6/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	R	m	MS/MSD %R	15,47	80-120 %
4401858771	PCDB-2-90.0-20170606	6/6/2017	314.0	14797-73-0	Perchlorate		UF2F1	0.013	0.013	mg/kg	R	m	MS/MSD %R	15,47	80-120 %
4401860311	PCDB-2-120.0-20170606	6/6/2017	314.0	14797-73-0	Perchlorate	0.12		0.013	0.013	mg/kg	J	m,ld	MS/MSD %R, RPD	15,47; 102	80-120; 20 %
4401860311	PCDB-2-130.0-20170606	6/6/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	R	m	MS/MSD %R	15,47	80-120 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria
4401860311	PCDB-2-130.0-20170606-FD	6/6/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	R	m	MS/MSD %R	15,47	80-120 %
4401860311	PCDB-2-140.0-20170607	6/7/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	R	m	MS/MSD %R	15,47	80-120 %
4401860311	PCDB-2-150.0-20170607	6/7/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.013	mg/kg	R	m	MS/MSD %R	15,47	80-120 %
4401863971	PCDB-3-100.0-20170613	6/13/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	UJ	m	MS/MSD %R	59,58	80-120 %
4401863971	PCDB-3-100.0-20170613-FD	6/13/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	UJ	m	MS/MSD %R	59,58	80-120 %
4401863971	PCDB-3-110.0-20170613	6/13/2017	314.0	14797-73-0	Perchlorate		UF1	0.016	0.016	mg/kg	UJ	m	MS/MSD %R	59,58	80-120 %
4401863971	PCDB-3-120.0-20170613	6/13/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.015	mg/kg	UJ	m	MS/MSD %R	59,58	80-120 %
4401863971	PCDB-3-130.0-20170613	6/13/2017	314.0	14797-73-0	Perchlorate		U	0.012	0.013	mg/kg	UJ	m	MS/MSD %R	59,58	80-120 %
4401863971	PCDB-3-130.0-20170613-FD	6/13/2017	314.0	14797-73-0	Perchlorate		U	0.012	0.013	mg/kg	UJ	m	MS/MSD %R	59,58	80-120 %
4401863971	PCDB-3-140.0-20170613	6/13/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	59,58	80-120 %
4401863971	PCDB-3-150.0-20170613	6/13/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	UJ	m	MS/MSD %R	59,58	80-120 %
4401863971	PCDB-3-60.0-20170612	6/12/2017	314.0	14797-73-0	Perchlorate	0.10		0.013	0.014	mg/kg	J-	m	MS/MSD %R	59,58	80-120 %
4401863971	PCDB-3-70.0-20170612	6/12/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.016	mg/kg	UJ	m	MS/MSD %R	59,58	80-120 %
4401863971	PCDB-3-80.0-20170613	6/13/2017	314.0	14797-73-0	Perchlorate		U	0.072	0.075	mg/kg	UJ	m	MS/MSD %R	59,58	80-120 %
4401863971	PCDB-3-90.0-20170613	6/13/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	UJ	m	MS/MSD %R	59,58	80-120 %
4401865171	RI-28-1.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	0.025		0.010	0.011	mg/kg	J-	m	MS/MSD %R	68,68	80-120 %
4401865171	RI-28-10.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	0.035		0.010	0.011	mg/kg	J-	m	MS/MSD %R	75,70	80-120 %
4401865171	RI-28-20.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	12		0.51	0.54	mg/kg	J-	m	MS/MSD %R	75,70	80-120 %
4401865171	RI-28-30.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	16		0.57	0.60	mg/kg	J-	m	MS/MSD %R	75,70	80-120 %
4401865171	RI-28-40.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	4.9		0.15	0.15	mg/kg	J-	m	MS/MSD %R	75,70	80-120 %
4401865171	RI-28-50.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	1.1		0.071	0.075	mg/kg	J-	m	MS/MSD %R	75,70	80-120 %
4401865181	RI-17-100.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	200		2.7	2.8	mg/kg	J	fd,m	FD RPD; MS/MSD %R	55; 75,70	50; 80-120 %
4401865181	RI-17-100.0-20170614-FD	6/14/2017	314.0	14797-73-0	Perchlorate	350		5.6	5.9	mg/kg	J	fd,m	FD RPD; MS/MSD %R	55; 75,70	50; 80-120 %
4401865181	RI-17-105.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	1.4		0.070	0.074	mg/kg	J-	m	MS/MSD %R	75,70	80-120 %
4401865181	RI-17-110.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	12		0.66	0.70	mg/kg	J-	m	MS/MSD %R	75,70	80-120 %
4401865181	RI-17-115.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m	MS/MSD %R	75,70	80-120 %
4401865181	RI-17-120.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	0.20		0.014	0.014	mg/kg	J-	m	MS/MSD %R	75,70	80-120 %
4401865181	RI-17-125.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	0.082		0.014	0.015	mg/kg	J-	m	MS/MSD %R	75,70	80-120 %
4401865181	RI-17-130.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	0.38		0.016	0.017	mg/kg	J-	m	MS/MSD %R	75,70	80-120 %
4401865181	RI-17-90.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	490		6.2	6.5	mg/kg	J-	m	MS/MSD %R	75,70	80-120 %
4401865181	RI-17-95.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	1.1		0.013	0.013	mg/kg	J-	m	MS/MSD %R	75,70	80-120 %
4401866341	RI-11-10.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	15		0.51	0.54	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866341	RI-11-20.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	49		0.52	0.54	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866341	RI-11-30.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	0.49		0.054	0.057	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866341	RI-11-40.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	13		0.64	0.67	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866341	RI-11-5.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	37		0.52	0.55	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866341	RI-17-140.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	0.025		0.016	0.017	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866341	RI-17-150.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	0.39		0.015	0.016	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866371	RI-28-100.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	0.45		0.015	0.016	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866371	RI-28-105.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	0.11		0.015	0.016	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866371	RI-28-110.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	0.038		0.014	0.015	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866371	RI-28-120.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	0.16		0.073	0.077	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866371	RI-28-130.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.013	mg/kg	UJ	m	MS/MSD %R	68,68	80-120 %
4401866371	RI-28-130.0-20170615-FD	6/15/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	UJ	m	MS/MSD %R	68,68	80-120 %
4401866371	RI-28-135.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	UJ	m	MS/MSD %R	68,68	80-120 %
4401866371	RI-28-60.0-20170614	6/14/2017	314.0	14797-73-0	Perchlorate	1.7		0.072	0.076	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866371	RI-28-70.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	0.47		0.013	0.013	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866371	RI-28-70.0-20170615-FD	6/15/2017	314.0	14797-73-0	Perchlorate	0.53		0.013	0.013	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866371	RI-28-80.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	0.52		0.013	0.014	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866371	RI-28-90.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	0.40	F1	0.024	0.025	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401866371	RI-28-95.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	0.43		0.014	0.015	mg/kg	J+	m	MS/MSD %R	183,187	80-120 %
4401867201	RI-26-1.0-20170616	6/16/2017	314.0	14797-73-0	Perchlorate	0.15		0.0099	0.010	mg/kg	J-	m	MS/MSD %R	68,68	80-120 %
4401867201	RI-26-10.0-20170616	6/16/2017	314.0	14797-73-0	Perchlorate	8.3		0.51	0.53	mg/kg	J-	m	MS/MSD %R	68,68	80-120 %
4401867201	RI-26-20.0-20170616	6/16/2017	314.0	14797-73-0	Perchlorate	9.2		0.51	0.53	mg/kg	J-	m	MS/MSD %R	68,68	80-120 %

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401867201	RI-26-5.0-20170616	6/16/2017	314.0	14797-73-0	Perchlorate	3.2		0.052	0.054	mg/kg	J	fd,m	FD RPD; MS/MSD %R	69; 72,79	80-120	%
4401867201	RI-26-5.0-20170616-FD	6/16/2017	314.0	14797-73-0	Perchlorate	6.6		0.21	0.22	mg/kg	J	fd,m	FD RPD; MS/MSD %R	69; 72,79	80-120	%
4401867201	RI-28-140.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate		UF1	0.014	0.015	mg/kg	UJ	m	MS/MSD %R	68,68	80-120	%
4401867201	RI-28-145.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	UJ	m	MS/MSD %R	68,68	80-120	%
4401867201	RI-28-150.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.015	mg/kg	UJ	m	MS/MSD %R	68,68	80-120	%
4401867211	RI-11-110.0-20170616	6/16/2017	314.0	14797-73-0	Perchlorate	1.0		0.021	0.022	mg/kg	J-	m	MS/MSD %R	72,79	80-120	%
4401867211	RI-11-110.0-20170616-FD	6/16/2017	314.0	14797-73-0	Perchlorate	1.5	F1	0.11	0.11	mg/kg	J-	m	MS/MSD %R	72,79	80-120	%
4401867211	RI-11-130.0-20170616	6/16/2017	314.0	14797-73-0	Perchlorate	0.033		0.014	0.015	mg/kg	J	fd	FD RPD	98	50	%
4401867211	RI-11-130.0-20170616-FD	6/16/2017	314.0	14797-73-0	Perchlorate	0.097		0.015	0.016	mg/kg	J	fd	FD RPD	98	50	%
4401867211	RI-11-50.0-20170615	6/15/2017	314.0	14797-73-0	Perchlorate	210		6.8	7.1	mg/kg	J-	m	MS/MSD %R	68,68	80-120	%
4401867211	RI-11-60.0-20170616	6/16/2017	314.0	14797-73-0	Perchlorate	250		3.5	3.7	mg/kg	J-	m	MS/MSD %R	72,79	80-120	%
4401867211	RI-11-60.0-20170616-FD	6/16/2017	314.0	14797-73-0	Perchlorate	190		3.2	3.4	mg/kg	J-	m	MS/MSD %R	72,79	80-120	%
4401867211	RI-11-70.0-20170616	6/16/2017	314.0	14797-73-0	Perchlorate	3.6		0.070	0.073	mg/kg	J-	m	MS/MSD %R	68,68	80-120	%
4401867861	RI-26-130.0-20170618	6/18/2017	314.0	14797-73-0	Perchlorate	1.2	F1	0.028	0.029	mg/kg	J-	m	MS/MSD %R	-77,-72	80-120	%
4401867861	RI-26-135.0-20170618	6/18/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	R	m	MS/MSD %R	-77,-72	80-120	%
4401867861	RI-26-140.0-20170618	6/18/2017	314.0	14797-73-0	Perchlorate	0.25		0.014	0.015	mg/kg	J-	m	MS/MSD %R	-77,-72	80-120	%
4401867861	RI-26-140.0-20170618-FD	6/18/2017	314.0	14797-73-0	Perchlorate	0.17		0.015	0.016	mg/kg	J-	m	MS/MSD %R	-77,-72	80-120	%
4401867861	RI-26-145.0-20170618	6/18/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.016	mg/kg	R	m	MS/MSD %R	-77,-72	80-120	%
4401867861	RI-26-150.0-20170618	6/18/2017	314.0	14797-73-0	Perchlorate	0.20		0.015	0.016	mg/kg	J-	m	MS/MSD %R	-77,-72	80-120	%
4401867861	RI-26-70.0-20170617	6/17/2017	314.0	14797-73-0	Perchlorate	2.9		0.61	0.65	mg/kg	J	fd	FD RPD	83	50	%
4401867861	RI-26-70.0-20170617-FD	6/17/2017	314.0	14797-73-0	Perchlorate	1.2		0.068	0.072	mg/kg	J	fd	FD RPD	83	50	%
4401867971	M-198-100.0-20170618	6/18/2017	314.0	14797-73-0	Perchlorate	11		0.67	0.70	mg/kg	J-	m	MS/MSD %R	-77,-72	80-120	%
4401867971	M-198-110.0-20170618	6/18/2017	314.0	14797-73-0	Perchlorate	1.6		0.029	0.031	mg/kg	J-	m	MS/MSD %R	-77,-72	80-120	%
4401867971	M-198-120.0-20170618	6/18/2017	314.0	14797-73-0	Perchlorate	3.0		0.068	0.072	mg/kg	J-	m	MS/MSD %R	-77,-72	80-120	%
4401867971	M-198-130.0-20170618	6/18/2017	314.0	14797-73-0	Perchlorate	8.8		0.73	0.77	mg/kg	J-	m	MS/MSD %R	-77,-72	80-120	%
4401867971	M-198-140.0-20170618	6/18/2017	314.0	14797-73-0	Perchlorate	4.2		0.78	0.82	mg/kg	J-	m	MS/MSD %R	-77,-72	80-120	%
4401867971	M-198-150.0-20170618	6/18/2017	314.0	14797-73-0	Perchlorate	2.4		0.069	0.072	mg/kg	J-	m	MS/MSD %R	-77,-72	80-120	%
4401869201	M-196-130.0-20170620	6/20/2017	314.0	14797-73-0	Perchlorate	0.013	J	0.013	0.014	mg/kg	J	sp	< PQL			
4401875331	RI-3-10.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate	0.041		0.010	0.011	mg/kg	J-	m	MS/MSD %R	67,66	80-120	%
4401875331	RI-3-20.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate	0.048		0.012	0.013	mg/kg	J-	m	MS/MSD %R	67,66	80-120	%
4401875331	RI-3-40.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate	0.60		0.013	0.014	mg/kg	J-	m	MS/MSD %R	67,66	80-120	%
4401875331	RI-3-40.0-20170629-FD	6/29/2017	314.0	14797-73-0	Perchlorate	0.56		0.013	0.014	mg/kg	J-	m	MS/MSD %R	67,66	80-120	%
4401875331	RI-3-5.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate	0.033	F1	0.010	0.011	mg/kg	J-	m	MS/MSD %R	67,66	80-120	%
4401875331	RI-3-50.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate	0.15		0.014	0.015	mg/kg	J-	m	MS/MSD %R	67,66	80-120	%
4401875331	RI-3-60.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate	0.53		0.013	0.014	mg/kg	J-	m	MS/MSD %R	67,66	80-120	%
4401875331	RI-3-70.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate	1.0		0.016	0.017	mg/kg	J-	m	MS/MSD %R	67,66	80-120	%
4401875531	RI-3-100.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate		U	0.013	0.014	mg/kg	UJ	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-105.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate	0.013		0.013	0.013	mg/kg	J	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-110.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-115.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate		U	0.018	0.019	mg/kg	UJ	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-120.0-20170630	6/30/2017	314.0	14797-73-0	Perchlorate	0.070		0.016	0.017	mg/kg	J	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-120.0-20170630-FD	6/30/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.017	mg/kg	UJ	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-125.0-20170630	6/30/2017	314.0	14797-73-0	Perchlorate		U	0.015	0.016	mg/kg	UJ	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-130.0-20170630	6/30/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.014	mg/kg	UJ	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-135.0-20170630	6/30/2017	314.0	14797-73-0	Perchlorate		U	0.016	0.016	mg/kg	UJ	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-140.0-20170630	6/30/2017	314.0	14797-73-0	Perchlorate	0.15		0.013	0.013	mg/kg	J	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-145.0-20170630	6/30/2017	314.0	14797-73-0	Perchlorate	0.17		0.014	0.015	mg/kg	J	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-150.0-20170630	6/30/2017	314.0	14797-73-0	Perchlorate		U	0.014	0.015	mg/kg	UJ	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-80.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate		UF1F2	0.015	0.016	mg/kg	UJ	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-90.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate		U	0.017	0.018	mg/kg	UJ	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401875531	RI-3-95.0-20170629	6/29/2017	314.0	14797-73-0	Perchlorate		U	0.018	0.019	mg/kg	UJ	m,ld	MS/MSD %R, RPD	63,-; 24	80-120; 20	%
4401835531	M-219-20170503	5/3/2017	365.3	7723-14-0	Phosphorus (total)	42	J	25	50	ug/l	J	sp	< PQL			
4401836831	M-140D-20170504	5/4/2017	365.3	7723-14-0	Phosphorus (total)	41	J	25	50	ug/l	J	sp	< PQL			
4401836831	M-14D-20170504	5/4/2017	365.3	7723-14-0	Phosphorus (total)	39	J	25	50	ug/l	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401836831	M-72D-20170504	5/4/2017	365.3	7723-14-0	Phosphorus (total)	25	J	25	50	ug/l	J	sp	< PQL			
4401835531	M-201-20170503	5/3/2017	SM5310B	7440-44-0	CARBON	790	J	650	1000	ug/l	J	sp	< PQL			
4401836831	M-14D-20170504	5/4/2017	SM5310B	7440-44-0	CARBON	730	J	650	1000	ug/l	J	sp	< PQL			
4401836831	M-22D-20170504	5/4/2017	SM5310B	7440-44-0	CARBON	670	J	650	1000	ug/l	J	sp	< PQL			
4401778261	M-5D-52.0-20170222	2/22/2017	7199	18540-29-9	Chromium VI		U	0.27	0.53	mg/kg	UJ	m	MS/MSD %R	49,-	55-110	%
4401778261	RIDB-8-1.0-20170222	2/22/2017	7199	18540-29-9	Chromium VI	0.47		0.16	0.32	mg/kg	J-	m	MS/MSD %R	49,-	55-110	%
4401778261	RIDB-8-10.0-20170222	2/22/2017	7199	18540-29-9	Chromium VI		U	0.17	0.33	mg/kg	UJ	m	MS/MSD %R	49,-	55-110	%
4401778261	RIDB-8-20.0-20170222	2/22/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	49,-	55-110	%
4401778261	RIDB-8-30.0-20170222	2/22/2017	7199	18540-29-9	Chromium VI		U	0.18	0.35	mg/kg	UJ	m	MS/MSD %R	49,-	55-110	%
4401778261	RIDB-8-30.0-20170222-FD	2/22/2017	7199	18540-29-9	Chromium VI		U	0.17	0.35	mg/kg	UJ	m	MS/MSD %R	49,-	55-110	%
4401778261	RIDB-8-5.0-20170222	2/22/2017	7199	18540-29-9	Chromium VI		UF1	0.17	0.33	mg/kg	UJ	m	MS/MSD %R	49,-	55-110	%
4401778261	RIDB-9-1.0-20170222	2/22/2017	7199	18540-29-9	Chromium VI		U	0.17	0.33	mg/kg	UJ	m	MS/MSD %R	49,-	55-110	%
4401778261	RIDB-9-5.0-20170222	2/22/2017	7199	18540-29-9	Chromium VI		U	0.17	0.33	mg/kg	UJ	m	MS/MSD %R	49,-	55-110	%
4401781721	RIDB-13-30.0-20170224	2/24/2017	7199	18540-29-9	Chromium VI	0.33	J	0.24	0.49	mg/kg	J	sp	< PQL			
4401783021	RIDB-6-0.5-20170225	2/25/2017	7199	18540-29-9	Chromium VI		U	0.17	0.34	mg/kg	UJ	m	MS/MSD %R	41,-	55-110	%
4401783021	RIDB-6-10.0-20170226	2/26/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	41,-	55-110	%
4401783021	RIDB-6-20.0-20170226	2/26/2017	7199	18540-29-9	Chromium VI		UF1	0.21	0.42	mg/kg	UJ	m	MS/MSD %R	41,-	55-110	%
4401783021	RIDB-6-30.0-20170226	2/26/2017	7199	18540-29-9	Chromium VI	0.24	J	0.23	0.46	mg/kg	J-	m,sp	MS/MSD %R; < PQL	41,-	55-110	%
4401783021	RIDB-6-5.0-20170225	2/25/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	41,-	55-110	%
4401783021	RIDB-6-5.0-20170225-FD	2/25/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	41,-	55-110	%
4401794191	RIDB-15-10.0-20170310	3/10/2017	7199	18540-29-9	Chromium VI		U	0.17	0.34	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794191	RIDB-15-20.0-20170310	3/10/2017	7199	18540-29-9	Chromium VI		U	0.16	0.31	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794191	RIDB-15-30.0-20170310	3/10/2017	7199	18540-29-9	Chromium VI	0.91		0.23	0.46	mg/kg	J-	m	MS/MSD %R	48,-	55-110	%
4401794561	RI-16-10.0-20170312	3/12/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794561	RI-16-20.0-20170312	3/12/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794561	RI-16-30.0-20170312	3/12/2017	7199	18540-29-9	Chromium VI	0.93		0.17	0.34	mg/kg	J-	m	MS/MSD %R	48,-	55-110	%
4401794561	RIDB-5-0.5-20170311	3/11/2017	7199	18540-29-9	Chromium VI		UF1	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794561	RIDB-5-10.0-20170311	3/11/2017	7199	18540-29-9	Chromium VI		U	0.17	0.34	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794561	RIDB-5-20.0-20170311	3/11/2017	7199	18540-29-9	Chromium VI		U	0.19	0.37	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794561	RIDB-5-30.0-20170311	3/11/2017	7199	18540-29-9	Chromium VI		U	0.25	0.51	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794561	RIDB-5-5.0-20170311	3/11/2017	7199	18540-29-9	Chromium VI		U	0.17	0.33	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794561	RIDB-5-5.0-20170311-FD	3/11/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794561	RIDB-7-0.5-20170312	3/12/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794561	RIDB-7-0.5-20170312-FD	3/12/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794561	RIDB-7-10.0-20170312	3/12/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794561	RIDB-7-20.0-20170312	3/12/2017	7199	18540-29-9	Chromium VI		U	0.21	0.41	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401794561	RIDB-7-5.0-20170312	3/12/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	48,-	55-110	%
4401801011	RIDB-19-20.0-20170320	3/20/2017	7199	18540-29-9	Chromium VI	0.21	J	0.16	0.32	mg/kg	J	sp	< PQL			
4401801011	RIDB-19-30.0-20170320	3/20/2017	7199	18540-29-9	Chromium VI	0.35	J	0.25	0.50	mg/kg	J	sp	< PQL			
4401801931	RIDB-11-20.0-20170320	3/20/2017	7199	18540-29-9	Chromium VI	0.16	J	0.16	0.31	mg/kg	J	sp	< PQL			
4401803311	RIDB-12-1.0-20170321	3/21/2017	7199	18540-29-9	Chromium VI	0.18	J	0.16	0.33	mg/kg	J-	m,sp	MS/MSD %R; < PQL	52,-	55-110	%
4401803311	RIDB-12-10.0-20170322	3/22/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	52,-	55-110	%
4401803311	RIDB-12-20.0-20170322	3/22/2017	7199	18540-29-9	Chromium VI	0.89		0.16	0.32	mg/kg	J-	m	MS/MSD %R	52,-	55-110	%
4401803311	RIDB-12-30.0-20170322	3/22/2017	7199	18540-29-9	Chromium VI	0.48	J	0.25	0.50	mg/kg	J-	m,sp	MS/MSD %R; < PQL	52,-	55-110	%
4401803311	RIDB-12-5.0-20170321	3/21/2017	7199	18540-29-9	Chromium VI	0.31	J	0.16	0.33	mg/kg	J-	m,sp	MS/MSD %R; < PQL	52,-	55-110	%
4401803311	RIDB-27-10.0-20170321	3/21/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	52,-	55-110	%
4401803311	RIDB-27-20.0-20170321	3/21/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	52,-	55-110	%
4401803311	RIDB-27-30.0-20170321	3/21/2017	7199	18540-29-9	Chromium VI	0.38	F1	0.19	0.37	mg/kg	J-	m	MS/MSD %R	52,-	55-110	%
4401803311	RIDB-27-5.0-20170321	3/21/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	52,-	55-110	%
4401805931	RIDB-24-1.0-20170323	3/23/2017	7199	18540-29-9	Chromium VI		U	0.15	0.31	mg/kg	UJ	m	MS/MSD %R	52,-	55-110	%
4401805931	RIDB-24-5.0-20170323	3/23/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	52,-	55-110	%
4401805931	RIDB-26-1.0-20170323	3/23/2017	7199	18540-29-9	Chromium VI		U	0.15	0.30	mg/kg	UJ	m	MS/MSD %R	52,-	55-110	%
4401805931	RIDB-26-5.0-20170323	3/23/2017	7199	18540-29-9	Chromium VI		U	0.17	0.33	mg/kg	UJ	m	MS/MSD %R	52,-	55-110	%
4401812971	RIDB-23-40.0-20170404	4/4/2017	7199	18540-29-9	Chromium VI	0.24	J	0.23	0.47	mg/kg	J	sp	< PQL			

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401817491	RI-10-20.0-20170410	4/10/2017	7199	18540-29-9	Chromium VI		U	0.26	0.52	mg/kg	UJ	m	MS/MSD %R	26,-	55-110	%
4401817491	RI-10-30.0-20170410	4/10/2017	7199	18540-29-9	Chromium VI		UF1	0.24	0.47	mg/kg	UJ	m	MS/MSD %R	26,-	55-110	%
4401829431	RI-2-5.0-20170425	4/25/2017	7199	18540-29-9	Chromium VI	0.28	J	0.17	0.33	mg/kg	J	sp	< PQL			
4401834261	RIDB-16-5.0-20170502	5/2/2017	7199	18540-29-9	Chromium VI	0.17	J	0.16	0.31	mg/kg	J+	m,sp	MS/MSD %R; < PQL	140	55-110	%
4401835741	RI-12-10.0-20170503	5/3/2017	7199	18540-29-9	Chromium VI	28	F1	1.1	2.1	mg/kg	J-	m	MS/MSD %R	46	55-110	%
4401835741	RI-12-20.0-20170503	5/3/2017	7199	18540-29-9	Chromium VI	46		1.1	2.2	mg/kg	J-	m	MS/MSD %R	46	55-110	%
4401835741	RI-12-30.0-20170503	5/3/2017	7199	18540-29-9	Chromium VI		U^	0.25	0.51	mg/kg	UJ	m	MS/MSD %R	46	55-110	%
4401835741	RI-12-30.0-20170503-FD	5/3/2017	7199	18540-29-9	Chromium VI		U^	0.26	0.53	mg/kg	UJ	m	MS/MSD %R	46	55-110	%
4401835741	RI-12-5.0-20170503	5/3/2017	7199	18540-29-9	Chromium VI	0.87		0.16	0.33	mg/kg	J-	m	MS/MSD %R	46	55-110	%
4401847231	RI-23-10.0-20170517	5/17/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401847231	RI-23-2.0-20170517	5/17/2017	7199	18540-29-9	Chromium VI		UF1	0.17	0.33	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401847231	RI-23-5.0-20170517	5/17/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401848581	RI-27-1.0-20170519	5/19/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401848581	RI-27-10.0-20170519	5/19/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401848581	RI-27-20.0-20170519	5/19/2017	7199	18540-29-9	Chromium VI		U	0.18	0.37	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401848581	RI-27-30.0-20170519	5/19/2017	7199	18540-29-9	Chromium VI		U	0.24	0.48	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401848581	RI-27-40.0-20170519	5/19/2017	7199	18540-29-9	Chromium VI		U	0.20	0.40	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401848581	RI-27-5.0-20170519	5/19/2017	7199	18540-29-9	Chromium VI		U	0.17	0.33	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401848581	RI-6-10.0-20170518	5/18/2017	7199	18540-29-9	Chromium VI		U	0.18	0.36	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401848581	RI-6-5.0-20170518	5/18/2017	7199	18540-29-9	Chromium VI		U	0.20	0.40	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401848581	RIDB-29-1.0-20170519	5/19/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401848581	RIDB-29-10.0-20170519	5/19/2017	7199	18540-29-9	Chromium VI		U	0.17	0.33	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401848581	RIDB-29-5.0-20170519	5/19/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	52	55-110	%
4401849501	RIDB-29-30.0-20170522	5/22/2017	7199	18540-29-9	Chromium VI	0.30	J	0.17	0.33	mg/kg	J	sp	< PQL			
4401863511	RI-17-10.0-20170612	6/12/2017	7199	18540-29-9	Chromium VI	1.9		0.17	0.33	mg/kg	J-	m	MS/MSD %R	38	55-110	%
4401863511	RI-17-20.0-20170612	6/12/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	38	55-110	%
4401863511	RI-17-30.0-20170612	6/12/2017	7199	18540-29-9	Chromium VI	1.9		0.20	0.40	mg/kg	J-	m	MS/MSD %R	38	55-110	%
4401863511	RI-17-5.0-20170612	6/12/2017	7199	18540-29-9	Chromium VI		UF1	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	38	55-110	%
4401865171	RI-28-1.0-20170614	6/14/2017	7199	18540-29-9	Chromium VI		UF1	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	51	55-110	%
4401865171	RI-28-20.0-20170614	6/14/2017	7199	18540-29-9	Chromium VI	0.16	J	0.16	0.33	mg/kg	J-	m,sp	MS/MSD %R; < PQL	51	55-110	%
4401865171	RI-28-30.0-20170614	6/14/2017	7199	18540-29-9	Chromium VI	0.54		0.18	0.36	mg/kg	J-	m	MS/MSD %R	51	55-110	%
4401865171	RI-28-40.0-20170614	6/14/2017	7199	18540-29-9	Chromium VI	0.27	J	0.23	0.47	mg/kg	J-	m,sp	MS/MSD %R; < PQL	51	55-110	%
4401866341	RI-11-10.0-20170615	6/15/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	51	55-110	%
4401866341	RI-11-20.0-20170615	6/15/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	51	55-110	%
4401866341	RI-11-30.0-20170615	6/15/2017	7199	18540-29-9	Chromium VI		U	0.17	0.34	mg/kg	UJ	m	MS/MSD %R	51	55-110	%
4401866341	RI-11-5.0-20170615	6/15/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	51	55-110	%
4401867201	RI-26-1.0-20170616	6/16/2017	7199	18540-29-9	Chromium VI		U	0.16	0.31	mg/kg	UJ	m	MS/MSD %R	51	55-110	%
4401867201	RI-26-10.0-20170616	6/16/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	51	55-110	%
4401867201	RI-26-20.0-20170616	6/16/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	51	55-110	%
4401867201	RI-26-5.0-20170616	6/16/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	51	55-110	%
4401867201	RI-26-5.0-20170616-FD	6/16/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	51	55-110	%
4401867861	RI-26-40.0-20170616	6/16/2017	7199	18540-29-9	Chromium VI	0.29	J	0.24	0.48	mg/kg	J	sp	< PQL			
4401875891	RI-4-5.0-20170630	6/30/2017	7199	18540-29-9	Chromium VI		UF1	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	38	55-110	%
4401875941	RI-4-10.0-20170630	6/30/2017	7199	18540-29-9	Chromium VI		U	0.16	0.33	mg/kg	UJ	m	MS/MSD %R	38	55-110	%
4401875941	RI-4-20.0-20170630	6/30/2017	7199	18540-29-9	Chromium VI		U	0.16	0.32	mg/kg	UJ	m	MS/MSD %R	38	55-110	%
4401875941	RI-4-30.0-20170630	6/30/2017	7199	18540-29-9	Chromium VI		U	0.20	0.39	mg/kg	UJ	m	MS/MSD %R	38	55-110	%
4401875941	RI-4-30.0-20170630-FD	6/30/2017	7199	18540-29-9	Chromium VI		U	0.20	0.40	mg/kg	UJ	m	MS/MSD %R	38	55-110	%
4401875941	RI-4-40.0-20170630	6/30/2017	7199	18540-29-9	Chromium VI		U	0.22	0.43	mg/kg	UJ	m	MS/MSD %R	38	55-110	%
4401836831	M-140D-20170504	5/4/2017	9040C	C-006	pH	7.9	HF	0.1	0.1	s.u.	J	h	Holding time	120	48	Hours
4401836831	M-14D-20170504	5/4/2017	9040C	C-006	pH	7.9	HF	0.1	0.1	s.u.	J	h	Holding time	120	48	Hours
4401836831	M-22D-20170504	5/4/2017	9040C	C-006	pH	7.8	HF	0.1	0.1	s.u.	J	h	Holding time	120	48	Hours
4401836831	M-36D-20170504	5/4/2017	9040C	C-006	pH	7.5	HF	0.1	0.1	s.u.	J	h	Holding time	120	48	Hours
4401836831	M-36D-20170504-FB	5/4/2017	9040C	C-006	pH	6.8	HF	0.1	0.1	s.u.	J	h	Holding time	120	48	Hours
4401836831	M-66D-20170504	5/4/2017	9040C	C-006	pH	7.7	HF	0.1	0.1	s.u.	J	h	Holding time	120	48	Hours

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401836831	M-66D-20170504-FD	5/4/2017	9040C	C-006	pH	7.6	HF	0.1	0.1	s.u.	J	h	Holding time	120	48	Hours
4401836831	M-72D-20170504	5/4/2017	9040C	C-006	pH	7.6	HF	0.1	0.1	s.u.	J	h	Holding time	120	48	Hours
4401790223	RIDB-20-1.0-20170307	3/7/2017	903.0	13982-63-3	Radium-226	0.955		0.0736	0.0736	pci/g	J	bl	MB contamination	0.1174		pci/g
4401791533	RIDB-1-0.5-20170308	3/8/2017	903.0	13982-63-3	Radium-226	0.317		0.0808	0.0808	pci/g	J	bl	MB contamination	0.1174		pci/g
4401791533	RIDB-1-5.0-20170308	3/8/2017	903.0	13982-63-3	Radium-226	0.813		0.0818	0.0818	pci/g	J	bl	MB contamination	0.1174		pci/g
4401791533	RIDB-20-5.0-20170307	3/7/2017	903.0	13982-63-3	Radium-226	0.848		0.111	0.111	pci/g	J	bl	MB contamination	0.1174		pci/g
4401806963	RIDB-22-1.0-20170327	3/27/2017	903.0	13982-63-3	Radium-226	0.296		0.102	0.102	pci/g	J	fd,ld	FD RPD; DUP RER	127; 1.08	50; 1.00	%
4401806963	RIDB-22-1.0-20170327-FD	3/27/2017	903.0	13982-63-3	Radium-226	1.32		0.0629	0.0629	pci/g	J	fd,ld	FD RPD; DUP RER	127; 1.08	50; 1.00	%
4401806963	RIDB-22-10.0-20170327	3/27/2017	903.0	13982-63-3	Radium-226	0.129		0.0578	0.0578	pci/g	J	ld	DUP RER	1.08	1.00	
4401806963	RIDB-22-20.0-20170327	3/27/2017	903.0	13982-63-3	Radium-226	1.78		0.0547	0.0547	pci/g	J	ld	DUP RER	1.08	1.00	
4401806963	RIDB-22-30.0-20170327	3/27/2017	903.0	13982-63-3	Radium-226	2.38		0.0553	0.0553	pci/g	J	ld	DUP RER	1.08	1.00	
4401806963	RIDB-22-5.0-20170327	3/27/2017	903.0	13982-63-3	Radium-226	0.0943		0.0603	0.0603	pci/g	J	ld	DUP RER	1.08	1.00	
4401834243	RI-13-30.0-20170502	5/2/2017	903.0	13982-63-3	Radium-226	2.29		0.105	0.105	pci/g	J	o	Carrier %R (Barium)	112	40-110	%
4401834263	RIDB-16-1.0-20170501	5/1/2017	903.0	13982-63-3	Radium-226	0.149		0.101	0.101	pci/g	J	bl	MB contamination	0.1118		pci/g
4401834263	RIDB-16-10.0-20170502	5/2/2017	903.0	13982-63-3	Radium-226	1.26		0.104	0.104	pci/g	J	o	Carrier %R (Barium)	114	40-110	%
4401834263	RIDB-16-5.0-20170502	5/2/2017	903.0	13982-63-3	Radium-226	0.139		0.0995	0.0995	pci/g	J	bl	MB contamination	0.1118		pci/g
4401835743	RI-12-10.0-20170503	5/3/2017	903.0	13982-63-3	Radium-226	1.56		0.112	0.112	pci/g	J	o	Carrier %R (Barium)	111	40-110	%
4401835743	RI-12-5.0-20170503	5/3/2017	903.0	13982-63-3	Radium-226	1.25		0.0845	0.0845	pci/g	J	o	Carrier %R (Barium)	111	40-110	%
4401875333	RI-3-20.0-20170629	6/29/2017	903.0	13982-63-3	Radium-226	3.24		0.0895	0.0895	pci/g	J	o	Carrier %R (Barium)	114	40-110	%
4401875893	RI-4-5.0-20170630	6/30/2017	903.0	13982-63-3	Radium-226	1.02		0.0869	0.0869	pci/g	J	o	Carrier %R (Barium)	111	40-110	%
4401875943	RI-4-10.0-20170630	6/30/2017	903.0	13982-63-3	Radium-226	1.04		0.0744	0.0744	pci/g	J	o	Carrier %R (Barium)	113	40-110	%
160212331	M-5D-52.0-20170222	2/22/2017	904.0	15262-20-1	Radium-228	0.774		0.313	0.313	pci/g	J	bl	MB contamination	0.3709		pci/g
160212331	RIDB-10-1.0-20170223	2/23/2017	904.0	15262-20-1	Radium-228	0.988		0.368	0.368	pci/g	J	bl	MB contamination	0.3709		pci/g
160212331	RIDB-10-10.0-20170224	2/24/2017	904.0	15262-20-1	Radium-228	0.829		0.330	0.330	pci/g	J	bl	MB contamination	0.3945		pci/g
160212331	RIDB-13-5.0-20170224	2/24/2017	904.0	15262-20-1	Radium-228	0.747		0.312	0.312	pci/g	J	bl	MB contamination	0.3945		pci/g
160212331	RIDB-14-1.0-20170223	2/23/2017	904.0	15262-20-1	Radium-228	0.752		0.326	0.326	pci/g	J	bl	MB contamination	0.3709		pci/g
160212331	RIDB-14-10.0-20170223	2/23/2017	904.0	15262-20-1	Radium-228	1.30		0.299	0.299	pci/g	J	fd	FD RPD	55	50	%
160212331	RIDB-14-10.0-20170223-FD	2/23/2017	904.0	15262-20-1	Radium-228	0.738		0.325	0.325	pci/g	J	bl,fd	MB contamination; FD RPD	0.3709; 55	50	pci/g; %
160212331	RIDB-14-30.0-20170223	2/23/2017	904.0	15262-20-1	Radium-228	0.521		0.334	0.334	pci/g	J	bl	MB contamination	0.3709		pci/g
160212331	RIDB-8-10.0-20170222	2/22/2017	904.0	15262-20-1	Radium-228	0.862		0.306	0.306	pci/g	J	bl	MB contamination	0.3709		pci/g
160212331	RIDB-8-30.0-20170222	2/22/2017	904.0	15262-20-1	Radium-228	0.827		0.316	0.316	pci/g	J	bl	MB contamination	0.3709		pci/g
160212331	RIDB-8-5.0-20170222	2/22/2017	904.0	15262-20-1	Radium-228	0.873		0.360	0.360	pci/g	J	bl	MB contamination	0.3709		pci/g
160212331	RIDB-9-10.0-20170223	2/23/2017	904.0	15262-20-1	Radium-228	0.841		0.302	0.302	pci/g	J	bl	MB contamination	0.3709		pci/g
160212331	RIDB-9-30.0-20170223	2/23/2017	904.0	15262-20-1	Radium-228	0.863		0.310	0.310	pci/g	J	bl	MB contamination	0.3709		pci/g
4401790223	RIDB-4-10.0-20170307	3/7/2017	904.0	15262-20-1	Radium-228	0.589		0.340	0.340	pci/g	J	bl	MB contamination	0.3635		pci/g
4401790223	RIDB-4-10.0-20170307-FD	3/7/2017	904.0	15262-20-1	Radium-228	0.466		0.307	0.307	pci/g	J	bl	MB contamination	0.3635		pci/g
4401790223	RIDB-4-20.0-20170307	3/7/2017	904.0	15262-20-1	Radium-228	0.945		0.327	0.327	pci/g	J	bl	MB contamination	0.3635		pci/g
4401790223	RIDB-4-5.0-20170307	3/7/2017	904.0	15262-20-1	Radium-228	0.764		0.331	0.331	pci/g	J	bl	MB contamination	0.3635		pci/g
4401791533	RIDB-1-20.0-20170308	3/8/2017	904.0	15262-20-1	Radium-228	0.785		0.343	0.343	pci/g	J	bl	MB contamination	0.3635		pci/g
4401791533	RIDB-1-30.0-20170308	3/8/2017	904.0	15262-20-1	Radium-228	0.783		0.353	0.353	pci/g	J	bl	MB contamination	0.3635		pci/g
4401791533	RIDB-20-20.0-20170308	3/8/2017	904.0	15262-20-1	Radium-228	0.834		0.345	0.345	pci/g	J	bl	MB contamination	0.3635		pci/g
4401794193	RIDB-3-20.0-20170310	3/10/2017	904.0	15262-20-1	Radium-228	0.930		0.323	0.323	pci/g	J	bl	MB contamination	0.4109		pci/g
4401794193	RIDB-3-30.0-20170310	3/10/2017	904.0	15262-20-1	Radium-228	0.632		0.326	0.326	pci/g	J	bl	MB contamination	0.4109		pci/g
4401794193	RIDB-3-5.0-20170310	3/10/2017	904.0	15262-20-1	Radium-228	0.985		0.316	0.316	pci/g	J	bl	MB contamination	0.4109		pci/g
4401794563	RI-16-30.0-20170312	3/12/2017	904.0	15262-20-1	Radium-228	1.08		0.326	0.326	pci/g	J	ld	DUP RER	1.27	1.00	
4401794563	RIDB-5-10.0-20170311	3/11/2017	904.0	15262-20-1	Radium-228	0.427		0.360	0.360	pci/g	J	bl	MB contamination	0.4109		pci/g
4401794563	RIDB-5-20.0-20170311	3/11/2017	904.0	15262-20-1	Radium-228	0.849		0.322	0.322	pci/g	J	bl	MB contamination	0.4109		pci/g
4401794563	RIDB-5-30.0-20170311	3/11/2017	904.0	15262-20-1	Radium-228	0.722		0.330	0.330	pci/g	J	bl	MB contamination	0.4109		pci/g
4401796373	RIDB-18-10.0-20170314	3/14/2017	904.0	15262-20-1	Radium-228	0.882		0.348	0.348	pci/g	J	bl	MB contamination	0.459		pci/g
4401796373	RIDB-18-30.0-20170314	3/14/2017	904.0	15262-20-1	Radium-228	0.571		0.369	0.369	pci/g	J	bl,fd	MB contamination; FD RPD	0.459; 56	50	pci/g; %
4401796373	RIDB-18-30.0-20170314-FD	3/14/2017	904.0	15262-20-1	Radium-228	1.01		0.350	0.350	pci/g	J	fd	FD RPD	56	50	%
4401801013	RIDB-11-1.0-20170320	3/20/2017	904.0	15262-20-1	Radium-228	2.06		0.334	0.334	pci/g	J	ld	DUP RER	1.78	1.00	
4401801013	RIDB-11-10.0-20170320	3/20/2017	904.0	15262-20-1	Radium-228	1.14		0.318	0.318	pci/g	J	ld	DUP RER	1.78	1.00	
4401801013	RIDB-11-5.0-20170320	3/20/2017	904.0	15262-20-1	Radium-228	1.78		0.453	0.453	pci/g	J	ld	DUP RER	1.78	1.00	

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401801013	RIDB-19-1.0-20170320	3/20/2017	904.0	15262-20-1	Radium-228	1.21		0.400	0.400	pci/g	J	ld	DUP RER	1.78	1.00	
4401801013	RIDB-19-10.0-20170320	3/20/2017	904.0	15262-20-1	Radium-228	1.97		0.363	0.363	pci/g	J	ld	DUP RER	1.78	1.00	
4401801013	RIDB-19-20.0-20170320	3/20/2017	904.0	15262-20-1	Radium-228	1.92		0.395	0.395	pci/g	J	ld	DUP RER	1.78	1.00	
4401801013	RIDB-19-30.0-20170320	3/20/2017	904.0	15262-20-1	Radium-228	1.54		0.384	0.384	pci/g	J	ld	DUP RER	1.78	1.00	
4401801013	RIDB-19-5.0-20170320	3/20/2017	904.0	15262-20-1	Radium-228	2.55		0.356	0.356	pci/g	J	ld	DUP RER	1.78	1.00	
4401808193	RIDB-21-20.0-20170328	3/28/2017	904.0	15262-20-1	Radium-228	0.814		0.335	0.335	pci/g	J	bl	MB contamination	0.4374		pci/g
4401808193	RIDB-21-5.0-20170328	3/28/2017	904.0	15262-20-1	Radium-228	0.472		0.416	0.416	pci/g	J	bl	MB contamination	0.4374		pci/g
4401816613	RI-9-5.0-20170407	4/7/2017	904.0	15262-20-1	Radium-228	0.659		0.295	0.295	pci/g	J	ld	DUP RER	1.32	1.00	
4401817163	RI-7-10.0-20170408	4/8/2017	904.0	15262-20-1	Radium-228	1.03		0.322	0.322	pci/g	J	ld	DUP RER	1.32	1.00	
4401817163	RI-7-20.0-20170408	4/8/2017	904.0	15262-20-1	Radium-228	0.493		0.308	0.308	pci/g	J	fd,ld	FD RPD; DUP RER	84; 1.32	50; 1.00	%
4401817163	RI-7-20.0-20170408-FD	4/8/2017	904.0	15262-20-1	Radium-228	1.21		0.317	0.317	pci/g	J	fd,ld	FD RPD; DUP RER	84; 1.32	50; 1.00	%
4401817163	RI-7-30.0-20170408	4/8/2017	904.0	15262-20-1	Radium-228	0.819		0.333	0.333	pci/g	J	ld	DUP RER	1.32	1.00	
4401817163	RI-7-5.0-20170408	4/8/2017	904.0	15262-20-1	Radium-228	1.11		0.306	0.306	pci/g	J	ld	DUP RER	1.32	1.00	
4401817223	RI-10-10.0-20170409	4/9/2017	904.0	15262-20-1	Radium-228	0.783		0.368	0.368	pci/g	J	ld	DUP RER	1.32	1.00	
4401817223	RI-10-5.0-20170409	4/9/2017	904.0	15262-20-1	Radium-228	1.35		0.325	0.325	pci/g	J	ld	DUP RER	1.32	1.00	
4401817223	RI-9-10.0-20170408	4/8/2017	904.0	15262-20-1	Radium-228	1.11		0.427	0.427	pci/g	J	ld	DUP RER	1.32	1.00	
4401817223	RI-9-20.0-20170408	4/8/2017	904.0	15262-20-1	Radium-228	0.255	U	0.366	0.366	pci/g	UJ	ld	DUP RER	1.32	1.00	
4401817223	RI-9-30.0-20170408	4/8/2017	904.0	15262-20-1	Radium-228	0.849		0.343	0.343	pci/g	J	ld	DUP RER	1.32	1.00	
4401817453	RI-20-10.0-20170410	4/10/2017	904.0	15262-20-1	Radium-228	1.05		0.337	0.337	pci/g	J	ld	DUP RER	1.32	1.00	
4401817453	RI-20-20.0-20170410	4/10/2017	904.0	15262-20-1	Radium-228	1.08		0.337	0.337	pci/g	J	ld	DUP RER	1.32	1.00	
4401817453	RI-20-30.0-20170410	4/10/2017	904.0	15262-20-1	Radium-228	0.353		0.325	0.325	pci/g	J	ld	DUP RER	1.32	1.00	
4401817453	RI-20-5.0-20170410	4/10/2017	904.0	15262-20-1	Radium-228	1.08		0.342	0.342	pci/g	J	ld	DUP RER	1.32	1.00	
4401817493	RI-10-20.0-20170410	4/10/2017	904.0	15262-20-1	Radium-228	0.729		0.330	0.330	pci/g	J	ld	DUP RER	1.32	1.00	
4401817493	RI-10-30.0-20170410	4/10/2017	904.0	15262-20-1	Radium-228	0.831		0.315	0.315	pci/g	J	ld	DUP RER	1.32	1.00	
4401834243	RI-13-30.0-20170502	5/2/2017	904.0	15262-20-1	Radium-228	0.928		0.382	0.382	pci/g	J	o	Carrier %R (Barium)	112	40-110	%
4401834263	RIDB-16-10.0-20170502	5/2/2017	904.0	15262-20-1	Radium-228	1.99		0.485	0.485	pci/g	J	o	Carrier %R (Barium)	114	40-110	%
4401835743	RI-12-10.0-20170503	5/3/2017	904.0	15262-20-1	Radium-228	1.12		0.375	0.375	pci/g	J	o	Carrier %R (Barium)	111	40-110	%
4401835743	RI-12-5.0-20170503	5/3/2017	904.0	15262-20-1	Radium-228	1.47		0.410	0.410	pci/g	J	o	Carrier %R (Barium)	111	40-110	%
4401854763	RI-23-20.0-20170530	5/30/2017	904.0	15262-20-1	Radium-228	0.849		0.427	0.427	pci/g	J	bl	MB contamination	0.4588		pci/g
4401854763	RI-23-30.0-20170530	5/30/2017	904.0	15262-20-1	Radium-228	0.984		0.370	0.370	pci/g	J	bl	MB contamination	0.4588		pci/g
4401875333	RI-3-10.0-20170629	6/29/2017	904.0	15262-20-1	Radium-228	0.990		0.219	0.219	pci/g	J	ld	DUP RER	1.96	1.00	
4401875333	RI-3-20.0-20170629	6/29/2017	904.0	15262-20-1	Radium-228	0.617		0.289	0.289	pci/g	J	ld,o	DUP RER; Carrier %R (Barium)	1.96; 114	1.00; 40-110	%
4401875333	RI-3-5.0-20170629	6/29/2017	904.0	15262-20-1	Radium-228	2.08		0.255	0.255	pci/g	J	ld	DUP RER	1.96	1.00	
4401875893	RI-4-5.0-20170630	6/30/2017	904.0	15262-20-1	Radium-228	1.20		0.269	0.269	pci/g	J	o	Carrier %R (Barium)	111	40-110	%
4401875943	RI-4-10.0-20170630	6/30/2017	904.0	15262-20-1	Radium-228	1.66		0.321	0.321	pci/g	J	o	Carrier %R (Barium)	113	40-110	%
160212331	RIDB-10-1.0-20170223	2/23/2017	A01R	14269-63-7	Thorium-230	0.920		0.0830	0.0830	pci/g	J	bl	MB contamination	0.06097		pci/g
160212331	RIDB-10-10.0-20170224-EB	2/24/2017	A01R	14269-63-7	Thorium-230	0.144		0.109	0.109	pci/l	J	bl	MB contamination	0.2289		pci/l
160212331	RIDB-10-5.0-20170223	2/23/2017	A01R	14269-63-7	Thorium-230	0.817		0.0537	0.0537	pci/g	J	bl	MB contamination	0.06097		pci/g
160212331	RIDB-14-1.0-20170223	2/23/2017	A01R	14269-63-7	Thorium-230	0.948		0.0682	0.0682	pci/g	J	bl	MB contamination	0.06097		pci/g
160212331	RIDB-14-5.0-20170223	2/23/2017	A01R	14269-63-7	Thorium-230	0.978		0.0891	0.0891	pci/g	J	bl	MB contamination	0.06097		pci/g
160212331	RIDB-9-1.0-20170222	2/22/2017	A01R	14269-63-7	Thorium-230	0.873		0.0901	0.0901	pci/g	J	bl	MB contamination	0.06097		pci/g
160212331	RIDB-9-5.0-20170222	2/22/2017	A01R	14269-63-7	Thorium-230	0.882		0.0496	0.0496	pci/g	J	bl	MB contamination	0.06097		pci/g
4401790223	RIDB-20-1.0-20170307	3/7/2017	A01R	14269-63-7	Thorium-230	0.699		0.0639	0.0639	pci/g	J	bl	MB contamination	0.06585		pci/g
4401791533	RIDB-1-0.5-20170308	3/8/2017	A01R	14274-82-9	Thorium-228	0.0550	U	0.558	0.558	pci/g	UJ	o	Tracer %R (Thorium 229)	12.3	30-110	%
4401791533	RIDB-1-0.5-20170308	3/8/2017	A01R	14269-63-7	Thorium-230	0.155	U	0.528	0.528	pci/g	UJ	o	Tracer %R (Thorium 229)	12.3	30-110	%
4401791533	RIDB-1-0.5-20170308	3/8/2017	A01R	7440-29-1	Thorium-232	0.162	U	0.507	0.507	pci/g	UJ	o	Tracer %R (Thorium 229)	12.3	30-110	%
4401791533	RIDB-1-30.0-20170308-EB	3/8/2017	A01R	14269-63-7	Thorium-230	0.170		0.103	0.103	pci/l	J	bl	MB contamination	0.2289		pci/l
4401794193	RIDB-3-0.5-20170310	3/10/2017	A01R	14269-63-7	Thorium-230	0.967		0.0662	0.0662	pci/g	J	bl	MB contamination	0.07068		pci/g
4401796373	RIDB-18-10.0-20170314-EB	3/14/2017	A01R	14269-63-7	Thorium-230	0.269		0.106	0.106	pci/l	J	bl	MB contamination	0.2289		pci/l
4401801933	RIDB-11-20.0-20170320	3/20/2017	A01R	14269-63-7	Thorium-230	1.83	F	0.0791	0.0791	pci/g	J	m,ld	MS/MSD %R; DUP RER	146,-;1.12	76-115; 1.00	%
4401801933	RIDB-11-30.0-20170321	3/21/2017	A01R	14269-63-7	Thorium-230	1.80	F	0.0691	0.0691	pci/g	J	m,ld	MS/MSD %R; DUP RER	146,-;1.12	76-115; 1.00	%
4401801933	RIDB-27-1.0-20170321	3/21/2017	A01R	14269-63-7	Thorium-230	1.28	F	0.0675	0.0675	pci/g	J	m,ld	MS/MSD %R; DUP RER	146,-;1.12	76-115; 1.00	%
4401803313	RIDB-12-1.0-20170321	3/21/2017	A01R	14269-63-7	Thorium-230	1.55	F	0.0732	0.0732	pci/g	J	m,ld	MS/MSD %R; DUP RER	146,-;1.12	76-115; 1.00	%
4401803313	RIDB-12-10.0-20170322	3/22/2017	A01R	14269-63-7	Thorium-230	2.16	F	0.0647	0.0647	pci/g	J	m,ld	MS/MSD %R; DUP RER	146,-;1.12	76-115; 1.00	%

Table V. Overall Qualified Results

SDG	Client Sample ID	Sample Date	Method	Client Analyte ID	Analyte	Lab Result	Lab Qualifier	SQL	PQL	Units	Validator Qualifier	Reason Code	Data Quality Indicator[1,2]	Qualification Finding	Acceptance Criteria	
4401803313	RIDB-12-20.0-20170322	3/22/2017	A01R	14269-63-7	Thorium-230	3.41	F	0.0738	0.0738	pci/g	J	m,ld	MS/MSD %R; DUP RER	146,-;1.12	76-115; 1.00	%
4401803313	RIDB-12-30.0-20170322	3/22/2017	A01R	14269-63-7	Thorium-230	1.82	F	0.0835	0.0835	pci/g	J	m,ld	MS/MSD %R; DUP RER	146,-;1.12	76-115; 1.00	%
4401803313	RIDB-12-5.0-20170321	3/21/2017	A01R	14269-63-7	Thorium-230	1.31	F	0.0712	0.0712	pci/g	J	m,ld	MS/MSD %R; DUP RER	146,-;1.12	76-115; 1.00	%
4401803313	RIDB-27-10.0-20170321	3/21/2017	A01R	14269-63-7	Thorium-230	1.33	F	0.0583	0.0583	pci/g	J	m,ld	MS/MSD %R; DUP RER	146,-;1.12	76-115; 1.00	%
4401803313	RIDB-27-20.0-20170321	3/21/2017	A01R	14269-63-7	Thorium-230	1.80	F	0.0692	0.0692	pci/g	J	m,ld	MS/MSD %R; DUP RER	146,-;1.12	76-115; 1.00	%
4401803313	RIDB-27-30.0-20170321	3/21/2017	A01R	14269-63-7	Thorium-230	4.49	F	0.0756	0.0756	pci/g	J	m,ld	MS/MSD %R; DUP RER	146,-;1.12	76-115; 1.00	%
4401803313	RIDB-27-5.0-20170321	3/21/2017	A01R	14269-63-7	Thorium-230	1.39	F	0.0863	0.0863	pci/g	J	m,ld	MS/MSD %R; DUP RER	146,-;1.12	76-115; 1.00	%
4401805933	RIDB-24-1.0-20170323	3/23/2017	A01R	14269-63-7	Thorium-230	0.289		0.0263	0.0263	pci/g	J	bl	MB contamination	0.07609		pci/g
4401805933	RIDB-26-1.0-20170323	3/23/2017	A01R	14269-63-7	Thorium-230	0.260		0.0863	0.0863	pci/g	J	bl	MB contamination	0.07609		pci/g
4401806963	RIDB-22-1.0-20170327	3/27/2017	A01R	14269-63-7	Thorium-230	0.169		0.136	0.136	pci/g	J	bl	MB contamination	0.121		pci/g
4401806963	RIDB-22-1.0-20170327-FD	3/27/2017	A01R	14269-63-7	Thorium-230	0.185		0.110	0.110	pci/g	J	bl	MB contamination	0.121		pci/g
4401808193	RIDB-21-1.0-20170328	3/28/2017	A01R	14269-63-7	Thorium-230	0.300		0.215	0.215	pci/g	J	bl	MB contamination	0.07609		pci/g
4401808193	RIDB-21-5.0-20170328	3/28/2017	A01R	14269-63-7	Thorium-230	0.215		0.168	0.168	pci/g	J	bl	MB contamination	0.07609		pci/g
4401812003	RIDB-23-1.0-20170403	4/3/2017	A01R	14274-82-9	Thorium-228	0.0187	U	0.182	0.182	pci/g	UJ	o	Tracer %R (Thorium 229)	26.5	30-110	%
4401812003	RIDB-23-1.0-20170403	4/3/2017	A01R	7440-29-1	Thorium-232	0.0501	U	0.0723	0.0723	pci/g	UJ	o	Tracer %R (Thorium 229)	26.5	30-110	%
4401812003	RIDB-23-1.0-20170403	4/3/2017	A01R	14269-63-7	Thorium-230	0.231		0.0726	0.0726	pci/g	J	bl,o	MB contamination; Tracer %R (Thorium 229)	0.07609; 26.5	30-110	pci/g; %
4401812003	RIDB-23-5.0-20170403	4/3/2017	A01R	14269-63-7	Thorium-230	0.352		0.180	0.180	pci/g	J	bl	MB contamination	0.07609		pci/g
4401824943	RI-24-10.0-20170418	4/18/2017	A01R	14269-63-7	Thorium-230	0.742		0.103	0.103	pci/g	J	bl	MB contamination	0.1106		pci/g
4401824943	RI-24-5.0-20170418	4/18/2017	A01R	14269-63-7	Thorium-230	0.331		0.0446	0.0446	pci/g	J	bl	MB contamination	0.1106		pci/g
4401848583	RI-27-5.0-20170519	5/19/2017	A01R	14269-63-7	Thorium-230	0.947		0.0554	0.0554	pci/g	J	bl	MB contamination	0.1138		pci/g
4401849503	RIDB-29-30.0-20170522	5/22/2017	A01R	7440-29-1	Thorium-232	1.46		0.0311	0.0311	pci/g	J	o	Tracer %R (Thorium 229)	119	30-110	%
4401849503	RIDB-29-30.0-20170522	5/22/2017	A01R	14269-63-7	Thorium-230	1.52		0.0593	0.0593	pci/g	J	o	Tracer %R (Thorium 229)	119	30-110	%
4401849503	RIDB-29-30.0-20170522	5/22/2017	A01R	14274-82-9	Thorium-228	1.64		0.0938	0.0938	pci/g	J	o	Tracer %R (Thorium 229)	119	30-110	%
4401854763	RI-23-30.0-20170530	5/30/2017	A01R	14274-82-9	Thorium-228	0.732		0.0961	0.0961	pci/g	J	bl	MB contamination	0.1161		pci/g

Notes:

1. Internal Standard (IS) Acronyms:
   - 1,4-DCB-d4 = 1,4-DCB-d4
   - TBA-d9 = tert-Butyl alcohol-d9
2. Surrogate Acronyms:
   - BFB = Bromofluorobenzene
   - DCAA = Dichloroacetic acid
   - DBFM = Dibromofluoromethane
   - DCB = Decachlorobiphenyl
   - TCMX = Tetrachloro-m-xylene

ATTACHMENT A
VOC Data Validation Report (DVR)

Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) SW 846 Method 8260B

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC/MS Instrument Performance Check

A bromofluorobenzene (BFB) tune was performed at 12 hour intervals.

All ion abundance requirements were met.

Instrument performance check data were not reviewed for Stage 2A validation.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For compounds where average relative response factors (RRFs) were utilized, percent relative standard deviations (%RSD) were less than or equal to 15.0% for each individual compound and less than or equal to 30.0% for calibration check compounds (CCCs).

In the case where the laboratory used a calibration curve to evaluate the compounds, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all compounds were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all compounds with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-180819-1	03/24/17 (ICV-43)	Dichlorodifluoromethane	26.5	RIDB-22-60.0-20170327 RIDB-22-70.0-20170327 RIDB-22-80.0-20170327 RIDB-22-90.0-20170327 RIDB-21-1.0-20170328 RIDB-21-5.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328 RIDB-21-40.0-20170328 RIDB-21-50.0-20170328	UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-181716-1	03/17/17 (MFC16048)	Dichlorodifluoromethane	23.4	RI-7-50.0-20170408 RI-7-60.0-20170408 RI-7-90.0-20170409 RI-7-95.0-20170409 RI-7-110.0-20170409 RI-7-120.0-20170409	UJ (all non-detects)	A
440-181722-1	03/17/17 (MFC16048)	Dichlorodifluoromethane	23.4	RI-9-40.0-20170408	UJ (all non-detects)	A
440-181745-1	03/17/17 (MFC16048)	Dichlorodifluoromethane	23.4	RI-20-110.0-20170410	UJ (all non-detects)	A
440-181749-1	03/17/17 (MFC16048)	Dichlorodifluoromethane	23.4	RI-10-20.0-20170410	UJ (all non-detects)	A
440-182804-1	03/23/17 (JFC22058)	Dichlorodifluoromethane	20.6	RI-21-120.0-20170423 RI-21-135.0-20170423	UJ (all non-detects)	A
440-182829-1	03/23/17 (JFC22058)	Dichlorodifluoromethane	20.6	RI-8-90.0-20170423 RI-8-95.0-20170423 RI-8-110.0-20170423	UJ (all non-detects)	A
440-182886-1	03/23/17 (JFC22058)	Dichlorodifluoromethane	20.6	RI-1-40.0-20170424 RI-1-50.0-20170424 RI-1-50.0-20170424-FD RI-1-60.0-20170424	UJ (all non-detects)	A
440-182943-1	03/23/17 (JFC22058)	Dichlorodifluoromethane	20.6	RI-2-90.0-20170425-FD	UJ (all non-detects)	A
440-183424-1	05/01/17 (MFD30018)	Dichlorodifluoromethane	28.8	RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502 RI-13-40.0-20170502 RI-13-40.0-20170502-FD RI-13-50.0-20170502 RI-13-60.0-20170502 RI-13-70.0-20170502 RI-13-80.0-20170502	UJ (all non-detects)	A
440-183426-1	05/01/17 (MFD30018)	Dichlorodifluoromethane	28.8	RIDB-16-1.0-20170501-TB RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502 RIDB-16-40.0-20170502	UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-183702-1	03/23/17 (JFC22058)	Dichlorodifluoromethane	20.6	RI-22-1.0-20170504-TB RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504 RI-22-50.0-20170504 RI-22-50.0-20170504-FD RI-22-60.0-20170504	UJ (all non-detects)	A
440-183705-1	05/01/17 (MFD30018)	Dichlorodifluoromethane	28.8	RI-12-90.0-20170504** RI-12-95.0-20170504** RI-12-105.0-20170504** RI-12-120.0-20170504** RI-12-125.0-20170504** RI-12-130.0-20170504** RI-12-135.0-20170504** RI-12-140.0-20170504-FD** RI-12-145.0-20170504** RI-12-150.0-20170504**	UJ (all non-detects)	A
440-183705-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	RI-12-100.0-20170504**	UJ (all non-detects) UJ (all non-detects)	A
440-183862-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	M-244-60.0-20170505-TB M-244-60.0-20170505 M-244-80.0-20170506 M-244-90.0-20170506 M-244-90.0-20170506-FD M-244-100.0-20170506 M-244-120.0-20170506	UJ (all non-detects) UJ (all non-detects)	A
440-184723-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	RI-23-2.0-20170517-TB	UJ (all non-detects) UJ (all non-detects)	A
440-184858-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	RI-27-40.0-20170519**	UJ (all non-detects) UJ (all non-detects)	A
440-184908-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	All samples in SDG 440-184908-1	UJ (all non-detects) UJ (all non-detects)	A
440-184950-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	RIDB-29-20.0-20170522-TB RIDB-29-20.0-20170522 RIDB-29-30.0-20170522 RIDB-29-40.0-20170522	UJ (all non-detects) UJ (all non-detects)	A
440-185583-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	RI-23-110.0-20170531-TB RI-23-110.0-20170531 RI-23-110.0-20170531-FD RI-23-115.0-20170531 RI-23-120.0-20170531 RI-23-125.0-20170601	UJ (all non-detects) UJ (all non-detects)	A

**Indicates samples underwent Stage 4 validation

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-185677-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	PCDB-1-50.0-20170603 PCDB-1-120.0-20170604 PCDB-1-130.0-20170604 PCDB-1-140.0-20170604	UJ (all non-detects) UJ (all non-detects)	A
440-185829-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	All samples in SDG 440-185829-1	UJ (all non-detects) UJ (all non-detects)	A
440-186351-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	RI-17-40.0-20170612	UJ (all non-detects) UJ (all non-detects)	A
440-186395-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	RI-17-50.0-20170613** RI-17-50.0-20170613-FD**	UJ (all non-detects) UJ (all non-detects)	A
440-186397-1	05/24/17 (MFE24018)	Dichlorodifluoromethane Chloromethane Vinyl chloride	39.8 32.4 24.2	PCDB-3-110.0-20170613	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-186518-1	05/24/17 (MFE24018)	Dichlorodifluoromethane Chloromethane Vinyl chloride	39.8 32.4 24.2	RI-17-120.0-20170614 RI-17-125.0-20170614 RI-17-130.0-20170614	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-186518-1	06/15/17 (PFF15018)	Dichlorodifluoromethane Vinyl chloride	28.0 23.1	RI-17-90.0-20170614 RI-17-95.0-20170614 RI-17-100.0-20170614 RI-17-100.0-20170614-FD RI-17-105.0-20170614 RI-17-135.0-20170614	UJ (all non-detects) UJ (all non-detects)	A
440-186634-1	05/24/17 (MFE24018)	Dichlorodifluoromethane Chloromethane Vinyl chloride	39.8 32.4 24.2	RI-17-140.0-20170614** RI-17-145.0-20170614** RI-17-150.0-20170614** RI-11-5.0-20170615** RI-11-10.0-20170615** RI-11-20.0-20170615** RI-11-30.0-20170615** RI-11-40.0-20170615**	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-186637-1	05/24/17 (MFE24018)	Dichlorodifluoromethane Chloromethane Vinyl chloride	39.8 32.4 24.2	RI-28-130.0-20170615-FD RI-28-135.0-20170615	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-186721-1	06/15/17 (PFF15018)	Dichlorodifluoromethane Vinyl chloride	28.0 23.1	RI-11-50.0-20170615 RI-11-60.0-20170616 RI-11-60.0-20170616-FD RI-11-80.0-20170616 RI-11-90.0-20170616 RI-11-95.0-20170616 RI-11-95.0-20170616-FD RI-11-110.0-20170616 RI-11-115.0-20170616 RI-11-120.0-20170616 RI-11-125.0-20170616	UJ (all non-detects) UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-186797-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	M-198-100.0-20170618** M-198-110.0-20170618** M-198-120.0-20170618** M-198-130.0-20170618** M-198-140.0-20170618** M-198-150.0-20170618**	UJ (all non-detects) UJ (all non-detects)	A
440-186920-1	06/15/17 (PFF15018)	Dichlorodifluoromethane Vinyl chloride	28.0 23.1	M-196-100.0-20170620 M-196-120.0-20170620 M-196-130.0-20170620 M-196-140.0-20170620	UJ (all non-detects) UJ (all non-detects)	A
440-187437-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	All samples in SDG 440-187437-1	UJ (all non-detects) UJ (all non-detects)	A
440-187533-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	RI-3-5.0-20170629-TB RI-3-5.0-20170629 RI-3-10.0-20170629 RI-3-20.0-20170629 RI-3-40.0-20170629 RI-3-40.0-20170629-FD	UJ (all non-detects) UJ (all non-detects)	A
440-187553-1	05/24/17 (MFE24018)	Dichlorodifluoromethane Chloromethane Vinyl chloride	39.8 32.4 24.2	RI-3-120.0-20170630-FD RI-3-130.0-20170630 RI-3-135.0-20170630 RI-3-140.0-20170630 RI-3-145.0-20170630 RI-3-150.0-20170630	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-187553-1	06/15/17 (PFF15018)	Dichlorodifluoromethane Vinyl chloride	28.0 23.1	RI-3-125.0-20170630	UJ (all non-detects) UJ (all non-detects)	A
440-187553-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	RI-3-80.0-20170629-TB RI-3-90.0-20170629 RI-3-95.0-20170629 RI-3-100.0-20170629 RI-3-105.0-20170629	UJ (all non-detects) UJ (all non-detects)	A
440-187594-1	05/24/17 (MFE24018)	Dichlorodifluoromethane Chloromethane Vinyl chloride	39.8 32.4 24.2	RI-4-10.0-20170630 RI-4-20.0-20170630 RI-4-30.0-20170630 RI-4-30.0-20170630-FD RI-4-90.0-20170701 RI-4-95.0-20170701 RI-4-110.0-20170701 RI-4-115.0-20170701 RI-4-120.0-20170701 RI-4-120.0-20170701-FD RI-4-125.0-20170701 RI-4-130.0-20170701 RI-4-135.0-20170701 RI-4-140.0-20170701 RI-4-145.0-20170701 RI-4-150.0-20170701	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A

**Indicates samples underwent Stage 4 validation

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-187594-1	05/03/17 (AFE03018)	Dichlorodifluoromethane Chloromethane	27.4 24.1	RI-4-40.0-20170630 RI-4-50.0-20170630 RI-4-60.0-20170701 RI-4-70.0-20170701 RI-4-100.0-20170701 RI-4-105.0-20170701	UJ (all non-detects) UJ (all non-detects)	A
440-187594-1	06/15/17 (PFF15018)	Dichlorodifluoromethane Vinyl chloride	28.0 23.1	RI-4-80.0-20170701	UJ (all non-detects) UJ (all non-detects)	A

Initial calibration data were not reviewed for Stage 2A validation.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 20.0% for all compounds with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-177826-1	02/28/17 (NFB28002)	Chloromethane	31.4	RIDB-9-1.0-20170222-TB RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222 RIDB-8-30.0-20170222-FD RIDB-8-40.0-20170222 RIDB-8-60.0-20170222 RIDB-8-80.0-20170222	UJ (all non-detects)	A
440-178027-1	02/28/17 (GFB28002)	Chloromethane	20.5	RIDB-8-90.0-20170223-TB** RIDB-8-90.0-20170223** RIDB-14-1.0-20170223** RIDB-14-5.0-20170223** RIDB-14-10.0-20170223** RIDB-14-20.0-20170223** RIDB-9-10.0-20170223** RIDB-9-20.0-20170223** RIDB-9-30.0-20170223** RIDB-9-40.0-20170223** RIDB-9-50.0-20170223**	UJ (all non-detects)	A
440-178172-1	03/02/17 (GFC02002)	Carbon tetrachloride	30.2	RIDB-10-30.0-20170224	J+ (all detects)	A
440-178172-1	03/02/17 (AFC02032)	Acetone	20.4	RIDB-14-30.0-20170223 RIDB-10-1.0-20170223	UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-178172-1	03/03/17 (AFC03002)	Acetone	25.3	RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD RIDB-13-40.0-20170224 RIDB-13-50.0-20170224	UJ (all non-detects)	A
440-178302-2	03/02/17 (AFC02032)	Acetone	20.4	RIDB-6-5.0-20170225 RIDB-6-60.0-20170226	UJ (all non-detects)	A
440-179153-1	03/11/17 (AFC11002)	Acetone	31.1	RIDB-20-30.0-20170308 RIDB-20-30.0-20170308-FD RIDB-20-70.0-20170308 RIDB-20-80.0-20170308 RIDB-20-90.0-20170308	UJ (all non-detects)	A
440-179280-1	03/13/17 (GFC13032)	Acetone	46.1	RIDB-17-5.0-20170309	J+ (all detects)	A
440-179280-1	03/13/17 (GFC13032)	Carbon tetrachloride	21.4	RIDB-17-40.0-20170309 RIDB-17-50.0-20170309 RIDB-17-60.0-20170309	J+ (all detects)	A
440-179280-1	03/13/17 (GFC13032)	Bromoform	20.6	RIDB-17-50.0-20170309	J+ (all detects)	A
440-179456-1	03/16/17 (NFC16003)	Trichloroethene Bromoform	25.0 21.6	RI-16-5.0-20170312-TB RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-70.0-20170312 RI-16-80.0-20170312 RI-16-80.0-20170312-FD RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312	UJ (all non-detects) UJ (all non-detects)	A
440-179565-1	03/16/17 (AFC16002)	2-Butanone tert-Amyl methyl ether	22.3 22.1	All samples in SDG 440-179565-1	UJ (all non-detects) UJ (all non-detects)	A
440-180193-1	03/23/17 (PFC23002)	Bromomethane Chloroethane	22.1 26.2	RIDB-11-20.0-20170320-TB RIDB-11-20.0-20170320 RIDB-11-40.0-20170321	UJ (all non-detects) UJ (all non-detects)	A
440-180331-1	03/25/17 (PFC25002)	Bromomethane Chloroethane	29.6 26.4	RIDB-27-60.0-20170322	UJ (all non-detects) UJ (all non-detects)	A
440-180331-1	03/28/17 (PFC28002)	Bromomethane Chloroethane	21.0 24.9	RIDB-12-10.0-20170322 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322 RIDB-12-70.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321	UJ (all non-detects) UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-180439-1	03/25/17 (PFC25002)	Bromomethane Chloroethane	29.6 26.4	RIDB-28-1.0-20170322-TB RIDB-28-1.0-20170322 RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-28-70.0-20170323 RIDB-28-90.0-20170323 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-20.0-20170323 RIDB-25-30.0-20170323	UJ (all non-detects) UJ (all non-detects)	A
440-180593-1	03/28/17 (PFC28002)	Bromomethane Chloroethane	21.0 24.9	RIDB-24-1.0-20170323-TB RIDB-24-1.0-20170323 RIDB-24-5.0-20170323 RIDB-24-10.0-20170324 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-24-70.0-20170324 RIDB-24-70.0-20170324-FD RIDB-24-80.0-20170324 RIDB-26-1.0-20170323 RIDB-26-5.0-20170323 RIDB-26-10.0-20170324	UJ (all non-detects) UJ (all non-detects)	A
440-181297-1	04/07/17 (XFD07002)	1,2,3-Trichlorobenzene	21.4	RIDB-23-40.0-20170404	UJ (all non-detects)	A
440-181297-1	04/11/17 (XFD11002)	1,2,3-Trichlorobenzene	22.2	RIDB-23-30.0-20170404 RIDB-23-60.0-20170404-FD	UJ (all non-detects)	A
440-181420-1	04/07/17 (XFD07002)	1,2,3-Trichlorobenzene	21.4	RI-5-5.0-20170404-TB** RI-5-5.0-20170404** RI-5-10.0-20170405** RI-5-20.0-20170405** RI-5-30.0-20170405** RI-5-40.0-20170405** RI-5-40.0-20170405-FD** RI-5-50.0-20170405** RI-5-60.0-20170405** RI-5-70.0-20170405**	UJ (all non-detects)	A
440-181565-1	04/07/17 (AFD07004)	Acetone Methylene chloride Methyl-tert-butyl ether Ethyl tert-butyl ether Benzene tert-Amyl methyl ether Trichloroethene	35.6 22.2 23.5 20.3 22.9 25.7 23.4	RI-5-80.0-20170406-TB RI-5-90.0-20170406 RI-5-100.0-20170406	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-181661-1	04/10/17 (XFD10002)	1,2,3-Trichlorobenzene	21.7	RI-5-105.0-20170406-TB RI-5-105.0-20170406 RI-5-110.0-20170406 RI-5-115.0-20170406 RI-5-120.0-20170407 RI-5-120.0-20170407-FD RI-5-125.0-20170407 RI-5-130.0-20170407	UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-181716-1	04/12/17 (MFD12004)	Methylene chloride	22.5	RI-7-50.0-20170408 RI-7-60.0-20170408 RI-7-90.0-20170409 RI-7-95.0-20170409 RI-7-110.0-20170409 RI-7-120.0-20170409	UJ (all non-detects)	A
440-181722-1	04/12/17 (MFD12004)	Methylene chloride	22.5	RI-9-40.0-20170408	UJ (all non-detects)	A
440-181722-1	04/11/17 (XFD11002)	1,2,3-Trichlorobenzene	22.2	RI-9-10.0-20170408-TB RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-9-50.0-20170408 RI-9-60.0-20170408 RI-9-70.0-20170408 RI-9-80.0-20170408 RI-9-90.0-20170408 RI-9-100.0-20170409 RI-9-110.0-20170409 RI-9-110.0-20170409-FD RI-9-120.0-20170409 RI-9-130.0-20170409 RI-9-10-5.0-20170409 RI-9-10-10.0-20170409	UJ (all non-detects)	A
440-181745-1	04/13/17 (MFD13004)	2-Butanone 1,2-Dibromo-3-chloropropane	21.0 24.4	RI-20-110.0-20170410	UJ (all non-detects)	A
440-181749-1	04/13/17 (MFD13004)	2-Butanone 1,2-Dibromo-3-chloropropane	21.0 24.4	RI-10-20.0-20170410	UJ (all non-detects) UJ (all non-detects)	A
440-181883-1	04/13/17 (AFD13002)	Acetone tert-Amyl methyl ether	24.9 22.7	RI-10-115.0-20170410-TB**	UJ (all non-detects) UJ (all non-detects)	A
440-182601-1	04/22/17 (XFD22002)	Dichlorodifluoromethane Chloromethane	23.2 23.6	RI-25-95.0-20170418-TB RI-25-145.0-20170419 RI-25-150.0-20170419	UJ (all non-detects) UJ (all non-detects)	A
440-182602-1	04/21/17 (AFD21002)	tert-Amyl methyl ether	20.2	RI-24-95.0-20170419 RI-24-100.0-20170419 RI-24-105.0-20170419 RI-24-110.0-20170419 RI-24-115.0-20170419 RI-24-120.0-20170419 RI-24-125.0-20170419 RI-24-130.0-20170419 RI-24-135.0-20170419 RI-24-140.0-20170419 RI-24-145.0-20170419 RI-24-150.0-20170419	UJ (all non-detects)	A
440-182829-1	04/25/17 (JFD25002)	Dichlorodifluoromethane	29.8	RI-8-90.0-20170423 RI-8-95.0-20170423 RI-8-110.0-20170423	UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-182943-1	05/03/17 (TFE03002)	2-Butanone	24.4	RI-2-50.0-20170425 RI-2-60.0-20170425 RI-2-70.0-20170425 RI-2-80.0-20170425	UJ (all non-detects)	A
440-183574-1	05/08/17 (TFE08002)	Dichlorodifluoromethane	22.6	All samples in SDG 440-183574-1	UJ (all non-detects)	A
440-183581-1	05/08/17 (TFE08002)	Dichlorodifluoromethane	22.6	RI-13-130.0-20170503 RI-13-135.0-20170503 RI-13-140.0-20170503 RI-13-145.0-20170503 RI-13-150.0-20170503	UJ (all non-detects)	A
440-183705-1	05/09/17 (TFE09002)	Dichlorodifluoromethane	32.6	RI-12-110.0-20170504** RI-12-115.0-20170504** RI-12-140.0-20170504**	UJ (all non-detects)	A
440-183819-1	05/10/17 (TFE10002)	2-Butanone	27.6	RI-22-70.0-20170504-TB RI-22-70.0-20170504 RI-22-80.0-20170504 RI-22-80.0-20170504-FD RI-22-90.0-20170504 RI-22-95.0-20170504 RI-22-100.0-20170505 RI-22-105.0-20170505 RI-22-115.0-20170505 RI-22-120.0-20170505 RI-22-120.0-20170505-FD RI-22-125.0-20170505 RI-22-130.0-20170505 RI-22-135.0-20170505 RI-22-140.0-20170505	UJ (all non-detects)	A
440-183862-1	05/11/17 (TFE11002)	2-Butanone	32.1	M-244-70.0-20170506 M-244-110.0-20170506	UJ (all non-detects)	A
440-185476-1	06/02/17 (PFF02002)	Chloromethane Di-isopropyl ether	21.4 21.2	RI-23-20.0-20170530-TB RI-23-20.0-20170530 RI-23-30.0-20170530 RI-23-40.0-20170530 RI-23-50.0-20170531 RI-23-60.0-20170531 RI-23-70.0-20170531 RI-23-80.0-20170531 RI-23-80.0-20170531-FD RI-23-90.0-20170531 RI-23-95.0-20170531 RI-23-100.0-20170531 RI-23-105.0-20170531	UJ (all non-detects) UJ (all non-detects)	A
440-185677-1	06/07/17 (PFF07002)	Di-isopropyl ether	26.6	PCDB-1-5.0-20170602-TB PCDB-1-5.0-20170602 PCDB-1-10.0-20170603 PCDB-1-10.0-20170603-FD PCDB-1-20.0-20170603 PCDB-1-30.0-20170603	UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-185877-1	06/09/17 (PFF09004)	Chloromethane Di-isopropyl ether	23.2 20.4	PCDB-2-30.0-20170605-TB** PCDB-2-30.0-20170605** PCDB-2-40.0-20170606** PCDB-2-50.0-20170606** PCDB-2-50.0-20170606-FD** PCDB-2-60.0-20170606** PCDB-2-70.0-20170606** PCDB-2-80.0-20170606** PCDB-2-90.0-20170606** PCDB-2-110.0-20170606**	UJ (all non-detects) UJ (all non-detects)	A
440-185877-1	06/12/17 (RFF12002)	Acetone	24.1	PCDB-2-100.0-20170606**	J+ (all detects)	A
440-186031-1	06/12/17 (RFF12002)	Acetone	24.1	PCDB-2-140.0-20170607 PCDB-2-150.0-20170607	J+ (all detects)	A
440-187553-1	07/06/17 (MFG06002)	Acetone	21.0	RI-3-120.0-20170630-FD RI-3-130.0-20170630 RI-3-135.0-20170630 RI-3-140.0-20170630 RI-3-145.0-20170630 RI-3-150.0-20170630	UJ (all non-detects)	A
440-187594-1	07/05/17 (PFG05003)	Carbon tetrachloride	20.9	RI-4-80.0-20170701	J+ (all detects)	A

All of the continuing calibration relative response factors (RRF) were within validation criteria.

Continuing calibration data were not reviewed for Stage 2A validation.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

SDG	Blank ID	Analysis Date	Compound	Concentration	Associated Samples
440-177826-1	MB 440-391276/4	03/01/17	Toluene	0.000553 mg/Kg	RIDB-8-50.0-20170222 RIDB-8-70.0-20170222 M-5D-52.0-20170222
440-178302-1	MB 440-391276/4	03/01/17	Toluene	0.000553 mg/Kg	RIDB-10-40.0-20170224-TB** RIDB-10-40.0-20170224** RIDB-10-50.0-20170224** RIDB-10-60.0-20170224** RIDB-10-80.0-20170225** RIDB-10-80.0-20170225-FD** RIDB-10-90.0-20170225**

SDG	Blank ID	Analysis Date	Compound	Concentration	Associated Samples
440-178302-2	MB 440-391276/4	03/01/17	Toluene	0.000553 mg/Kg	RIDB-6-0.5-20170225 RIDB-6-5.0-20170225-FD
440-181297-1	MB 440-398695/3	04/07/17	Naphthalene	0.00105 mg/Kg	RIDB-23-40.0-20170404
440-181420-1	MB 440-398695/3	04/07/17	Naphthalene	0.00105 mg/Kg	RI-5-5.0-20170404-TB** RI-5-5.0-20170404** RI-5-10.0-20170405** RI-5-20.0-20170405** RI-5-30.0-20170405** RI-5-40.0-20170405** RI-5-40.0-20170405-FD** RI-5-50.0-20170405** RI-5-60.0-20170405**
440-181716-1	MB 440-399582/9	04/12/17	Acetone	0.0170 mg/Kg	RI-7-50.0-20170408 RI-7-60.0-20170408 RI-7-90.0-20170409 RI-7-95.0-20170409 RI-7-110.0-20170409 RI-7-120.0-20170409
440-181722-1	MB 440-399582/9	04/12/17	Acetone	0.0170 mg/Kg	RI-9-40.0-20170408
440-182804-1	MB 440-402828/4	04/27/17	Methylene chloride	0.00580 mg/Kg	RI-21-5.0-20170422-TB RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422 RI-21-40.0-20170422 RI-21-50.0-20170422 RI-21-60.0-20170422 RI-21-60.0-20170422-FD RI-21-70.0-20170422 RI-21-80.0-20170422 RI-21-90.0-20170423 RI-21-95.0-20170423 RI-21-100.0-20170423 RI-21-110.0-20170423 RI-21-115.0-20170423
440-185677-1	MB 440-410502/5	06/07/17	Naphthalene	0.00136 mg/Kg	PCDB-1-40.0-20170603 PCDB-1-60.0-20170603 PCDB-1-70.0-20170603 PCDB-1-80.0-20170603 PCDB-1-90.0-20170603 PCDB-1-100.0-20170604 PCDB-1-110.0-20170604 PCDB-1-110.0-20170604-FD
440-185877-1	MB 440-410798/4	06/08/17	Methylene chloride	2.24 ug/L	PCDB-2-50.0-20170606-EBTB* PCDB-2-50.0-20170606-EB*

SDG	Blank ID	Analysis Date	Compound	Concentration	Associated Samples
440-187295-1	MB 440-414545/4	06/28/17	Acetone	0.0114 mg/Kg	M-199-100.0-20170626-TB M-199-100.0-20170626 M-199-110.0-20170626 M-199-120.0-20170626 M-199-130.0-20170626 M-199-140.0-20170626 M-199-150.0-20170626

Sample concentrations were compared to concentrations detected in the laboratory blanks. The sample concentrations were either not detected or were significantly greater than the concentrations found in the associated laboratory blanks with the following exceptions:

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-185677-1	PCDB-1-100.0-20170604	Naphthalene	0.0025 mg/Kg	0.0025J mg/Kg

VI. Field Blanks

Samples RIDB-9-1.0-20170222-TB (from SDG 440-177826-1), RIDB-8-90.0-20170223-TB** (from SDG 440-178027-1), RIDB-10-10.0-20170224-EBTB* (from SDG 440-178097-1), RIDB-14-30.0-20170223-TB (from SDG 440-178172-1), RIDB-10-40.0-20170224-TB**, RIDB-6-10.0-20170226-TB** (both from SDG 440-178302-1), RIDB-4-0.5-20170306-TB (from SDG 440-179022-1), RIDB-1-30.0-20170308-EBTB* (from SDG 440-179153-1), RIDB-1-60.0-20170308-TB, RIDB-17-60.0-20170309-EBTB* (both from SDG 440-179280-1), RIDB-3-70.0-20170310-EBTB*, RIDB-17-70.0-20170309-TB (both from SDG 440-179419-1), RIDB-5-0.5-20170311-TB, RI-16-5.0-20170312-TB (both from SDG 440-179456-1), RI-16-90.0-20170313-TB (from SDG 440-179565-1),RIDB-18-1.0-20170314-TB, RIDB-18-10.0-20170314-EBTB* (both from SDG 440-179637-1), RIDB-18-70.0-20170314-TB (from SDG 440-179742-1), RIDB-19-1.0-20170320-TB** (from SDG 440-180101-1), RIDB-11-20.0-20170320-TB (from SDG 440-180193-1), RIDB-12-1.0-20170321-TB, RIDB-27-60.0-20170322-EBTB* (both from SDG 440-180331-1), RIDB-28-1.0-20170322-TB, RIDB-28-70.0-20170323-EBTB* (both from SDG 440-180439-1), RIDB-24-1.0-20170323-TB (from SDG 440-180593-1), RIDB-22-1.0-20170327-TB, RIDB-22-40.0-20170327-EBTB* (both from SDG 440-180696-1), RIDB-22-60.0-20170327-TB (from SDG 440-180819-1), RIDB-21-80.0-20170328-TB (from SDG 440-180968-1), RIDB-23-1.0-20170403-TB (from SDG 440-181200-1), RIDB-23-30.0-20170404-TB, RIDB-23-70.0-20170404-EBTB* (both from SDG 440-181297-1), RI-5-5.0-20170404-TB**, RI-5-60.0-20170405-EBTB* (both from SDG 440-181420-1), RI-5-80.0-20170406-TB, RI-5-80.0-20170406-EBTB* (both from SDG 440-181565-1), RI-5-105.0-20170406-TB (from SDG 440-181661-1), RI-9-10.0-20170408-TB (from SDG 440-181722-1), RI-10-20.0-20170410-TB, RI-10-100.0-20170410-EBTB* (both from SDG 440-181749-1), RI-10-115.0-20170410-TB** (from SDG 440-181883-1), RI-25-1.0-20170417-TB (from SDG 440-182498-1), RI-25-95.0-20170418-TB (from SDG 440-182601-1), RI-24-120.0-20170419-EBTB* (from SDG 440-182602-1), RI-21-

5.0-20170422-TB (from SDG 440-182804-1), RI-1-5.0-20170424-TB (from SDG 440-182886-1), RI-1-70.0-20170424-TB (from SDG 440-182942-1), RI-2-80.0-20170425-EBTB* (from SDG 440-182943-1), RI-2-95.0-20170425-TB (from SDG 440-183075-1), M-5D-20170501-TB* (from SDG 440-183293-1), M-203-20170502*-TB* (from SDG 440-183423-1), RIDB-16-1.0-20170501-TB (from SDG 440-183426-1), M-81D-20170503-TB* (from SDG 440-183553-1), RI-13-90.0-20170503-TB (from SDG 440-183581-1), M-140D-20170504-TB* (from SDG 440-183683-1), RI-22-1.0-20170504-TB (from SDG 440-183702-1), RI-12-90.0-20170504-EBTB* (from SDG 440-183705-1), RI-22-70.0-20170504-TB (from SDG 440-183819-1), M-244-60.0-20170505-TB (from SDG 440-183862-1), RI-23-2.0-20170517-TB (from SDG 440-184723-1), RI-6-5.0-20170518-TB** (from SDG 440-184858-1), RI-27-50.0-20170519-TB (from SDG 440-184908-1), RIDB-29-20.0-20170522-TB, RIDB-29-40.0-20170522-EBTB* (both from SDG 440-184950-1), RIDB-29-60.0-20170522-TB** (from SDG 440-185056-1), RI-23-20.0-20170530-TB, RI-23-60.0-20170531-EBTB* (both from SDG 440-185476-1), RI-23-110.0-20170531-TB (from SDG 440-185583-1), PCDB-1-5.0-20170602-TB (from SDG 440-185677-1), PCDB-1-150.0-20170605-TB (from SDG 440-185829-1), PCDB-2-30.0-20170605-TB**, PCDB-2-50.0-20170606-EBTB* (both from SDG 440-185877-1), PCDB-2-120.0-20170606-TB (from SDG 186031-1), RI-17-30.0-20170612-EBTB* (from SDG 440-186351-1), PCDB-3-5.0-20170612-TB (from SDG 440-186356-1), PCDB-3-60.0-20170612-TB (from SDG 440-186397-1), RI-28-1.0-20170614-TB (from SDG 440-186517-1), RI-17-120.0-20170614-EBTB* (from SDG 440-186518-1), RI-17-140.0-20170614-TB** (from SDG 440-186634-1), RI-28-100.0-20170615-EBTB* (from SDG 440-186637-1) ,RI-28-140.0-20170615-TB (from SDG 440-186720-1), RI-26-30.0-20170616-TB (from SDG 440-186786-1), M-196-100.0-20170620-TB (from SDG 440-186920-1), M-199-100.0-20170626-TB (from SDG 440-187295-1), RI-2-110.0-20170628-TB (from SDG 440-187437-1), RI-3-5.0-20170629-TB (from SDG 187533-1), and RI-3-80.0-20170629-TB (from SDG 440-187553-1) were identified as trip blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Compound	Concentration	Associated Samples
440-179153-1	RIDB-1-30.0-20170308-EBTB*	03/08/17	Methylene chloride	1.3 ug/L	RIDB-1-30.0-20170308-EB*
440-179280-1	RIDB-17-60.0-20170309-EBTB*	03/09/17	Trichloroethene	0.52 ug/L	RIDB-17-60.0-20170309-EB*
440-181420-1	RI-5-60.0-20170405-EBTB*	04/05/17	Methylene chloride	1.3 ug/L	RI-5-60.0-20170405-EB*
440-183293-1	M-5D-20170501-TB*	05/01/17	Methylene chloride	0.96 ug/L	M-5D-20170501*
440-183683-1	M-140D-20170504-TB*	05/04/17	Methylene chloride	0.95 ug/L	M-140D-20170504* M-66D-20170504* M-66D-20170504-FD* M-72D-20170504* M-22D-20170504* M-36D-20170504* M-36D-20170504-FB* M-14D-20170504*
440-184950-1	RIDB-29-40.0-20170522-EBTB*	05/22/17	Methylene chloride	1.6 ug/L	RIDB-29-40.0-20170522-EB*

SDG	Blank ID	Collection Date	Compound	Concentration	Associated Samples
440-185476-1	RI-23-60.0-20170531-EBTB*	05/31/17	1,2,3-Trichlorobenzene	0.47 ug/L	RI-23-60.0-20170531-EB*
440-186351-1	RI-17-30.0-20170612-EBTB*	06/12/17	Methylene chloride	0.92 ug/L	RI-17-30.0-20170612-EB*
440-186518-1	RI-17-120.0-20170614-EBTB*	06/14/17	Methylene chloride Acetone	1.1 ug/L 17 ug/L	RI-17-120.0-20170614-EB*
440-186786-1	RI-26-30.0-20170616-TB	06/16/17	Benzene Toluene	0.00069 mg/Kg 0.00056 mg/Kg	RI-26-30.0-20170616 RI-26-40.0-20170616 RI-26-50.0-20170617 RI-26-60.0-20170617 RI-26-70.0-20170617 RI-26-70.0-20170617-FD RI-26-80.0-20170617 RI-26-90.0-20170617 RI-26-95.0-20170617 RI-26-100.0-20170617 RI-26-105.0-20170617 RI-26-110.0-20170617 RI-26-110.0-20170617-FD RI-26-115.0-20170617 RI-26-120.0-20170617 RI-26-125.0-20170618 RI-26-130.0-20170618 RI-26-135.0-20170618 RI-26-140.0-20170618 RI-26-140.0-20170618-FD RI-26-145.0-20170618 RI-26-150.0-20170618

The laboratory indicated that the Trip Blanks associated to the soil samples were collected in Terra Core kits (water-preserved and Methanol-preserved VOA vials) without any soil added. These Trip Blanks were analyzed in the same manner as the soil samples. The laboratory used a nominal weight of 5 grams and results were reported on a wet weight basis with units in mg/Kg.

Samples RIDB-10-10.0-20170224-EB* (from SDG 440-178097-1), RIDB-1-30.0-20170308-EB* (from SDG 440-179153-1), RIDB-17-60.0-20170309-EB* (from SDG 440-179280-1), RIDB-3-70.0-20170310-EB* (from SDG 440-179419-1), RIDB-18-10.0-20170314-EB* (from SDG 440-179637-1), RIDB-12-60.0-20170322-EB*, RIDB-27-60.0-20170322-EB* (both from SDG 440-180331-1), RIDB-28-70.0-20170323-EB* (from SDG 440-180439-1), RIDB-22-40.0-20170327-EB* (from SDG 440-180696-1), RIDB-23-70.0-20170404-EB* (from SDG 440-181297-1), RI-5-60.0-20170405-EB* (from SDG 440-181420-1), RI-5-80.0-20170406-EB* (from SDG 440-181565-1), RI-20-100.0-20170410-EB* (from SDG 440-181745-1), RI-10-100.0-20170410-EB* (from SDG 440-181749-1), RI-24-120.0-20170419-EB* (from SDG 440-182602-1), RI-2-80.0-20170425-EB* (from SDG 440-182943-1), RI-13-50.0-20170502-EB* (from SDG 440-183424-1), M-222-20170503-EB* (from SDG 440-183553-1), RI-22-50.0-20170504-EB* (from SDG 440-183702-1), RI-12-90.0-20170504-EB* (from SDG 440-183705-1), RIDB-29-40.0-20170522-EB* (from SDG 440-184950-1), RI-23-60.0-20170531-EB* (from SDG 440-185476-1), PCDB-2-50.0-20170606-EB* (from SDG 440-185877-1), RI-17-30.0-20170612-EB* (from SDG 440-186351-1), RI-17-70.0-20170613-EB* (from SDG 440-

186395-1), PCDB-3-90.0-20170613-EB* (from SDG 440-186397-1), RI-28-40.0-20170614-EB* (from SDG 440-186517-1), RI-17-120.0-20170614-EB* (from SDG 440-186518-1), RI-11-30.0-20170615-EB* (from SDG 440-186634-1), RI-28-100.0-20170615-EB* (from SDG 440-186637-1), and RI-28-120.0-20170615-EB* (from SDG 440-186637-1) were identified as equipment blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Compound	Concentration	Associated Samples
440-179153-1	RIDB-1-30.0-20170308-EB*	03/08/17	Methylene chloride	1.3 ug/L	RIDB-1-30.0-20170308
440-179280-1	RIDB-17-60.0-20170309-EB*	03/09/17	Trichloroethene	1.5 ug/L	RIDB-17-60.0-20170309
440-181297-1	RIDB-23-70.0-20170404-EB*	04/04/17	tert-Butyl alcohol	6.3 ug/L	RIDB-23-70.0-20170404
440-181420-1	RI-5-60.0-20170405-EB*	04/05/17	Methylene chloride	0.99 ug/L	RI-5-60.0-20170405**
440-182943-1	RI-2-80.0-20170425-EB*	04/25/17	Toluene	0.29 ug/L	RI-2-80.0-20170425
440-183424-1	RI-13-50.0-20170502-EB*	05/02/17	Acetone tert-Butyl alcohol	13 ug/L 9.0 ug/L	RI-13-50.0-20170502
440-184950-1	RIDB-29-40.0-20170522-EB*	05/22/17	Methylene chloride Acetone tert-Butyl alcohol	1.7 ug/L 17 ug/L 10 ug/L	RIDB-29-40.0-20170522
440-185476-1	RI-23-60.0-20170531-EB*	05/31/17	Acetone tert-Butyl alcohol	14 ug/L 12 ug/L	RI-23-60.0-20170531
440-186351-1	RI-17-30.0-20170612-EB*	06/12/17	Methylene chloride Acetone	1.1 ug/L 11 ug/L	RI-17-30.0-20170612
440-186634-1	RI-11-30.0-20170615-EB*	06/15/17	Acetone	11 ug/L	RI-11-30.0-20170615**

Sample M-36D-20170504-FB* (from SDG 440-183683-1) was identified as a field blank. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Compound	Concentration	Associated Samples
440-183683-1	M-36D-20170504-FB*	05/04/17	Methylene chloride	1.4 ug/L	M-36D-20170504*

Sample concentrations were compared to concentrations detected in the field blanks. The sample concentrations were either not detected or were significantly greater than the concentrations found in the associated field blanks with the following exceptions:

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-179153-1	RIDB-1-30.0-20170308-EB*	Methylene chloride	1.3 ug/L	1.3J ug/L
440-181420-1	RI-5-60.0-20170405-EB*	Methylene chloride	0.99 ug/L	0.99J ug/L
440-183683-1	M-140D-20170504*	Methylene chloride	1.2 ug/L	1.2J ug/L
440-183683-1	M-66D-20170504-FD*	Methylene chloride	1.5 ug/L	1.5J ug/L
440-183683-1	M-72D-20170504*	Methylene chloride	1.4 ug/L	1.4J ug/L
440-183683-1	M-36D-20170504-FB*	Methylene chloride	1.4 ug/L	1.4J ug/L
440-183683-1	M-14D-20170504*	Methylene chloride	0.92 ug/L	0.92J ug/L
440-184950-1	RIDB-29-40.0-20170522-EB*	Methylene chloride	1.7 ug/L	1.7J ug/L
440-186351-1	RI-17-30.0-20170612-EB*	Methylene chloride	1.1 ug/L	1.1J ug/L
440-186786-1	RI-26-60.0-20170617	Benzene	0.00059 mg/Kg	0.00059J mg/Kg

VII. Surrogates

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

SDG	Sample	Surrogate	%R (Limits)	Affected Compound	Flag	A or P
440-179280-1	RIDB-2-60.0-20170309	Bromofluorobenzene	135 (79-120)	All compounds	J+ (all detects)	A
440-179419-1	RIDB-3-40.0-20170310	Bromofluorobenzene	133 (79-120)	All compounds	J+ (all detects)	P
440-179637-1	RIDB-18-60.0-20170314	Bromofluorobenzene	124 (79-120)	All compounds	J+ (all detects)	A
440-180439-1	RIDB-28-80.0-20170323	Bromofluorobenzene	158 (79-120)	All compounds	J+ (all detects)	A
440-181565-1	RI-5-80.0-20170406	Bromofluorobenzene	122 (79-120)	All compounds	J+ (all detects)	P
440-181716-1	RI-7-50.0-20170408	Dibromofluoromethane	125 (60-120)	All compounds	J+ (all detects)	P
440-181716-1	RI-7-60.0-20170408	Dibromofluoromethane	125 (60-120)	All compounds	J+ (all detects)	P
440-181722-1	RI-9-40.0-20170408	Dibromofluoromethane	123 (60-120)	All compounds	J+ (all detects)	P

SDG	Sample	Surrogate	%R (Limits)	Affected Compound	Flag	A or P
440-181745-1	RI-20-110.0-20170410	Bromofluorobenzene Dibromofluoromethane	137 (79-120) 127 (60-120)	All compounds except 2-Butanone 4-Methyl-2-pentanone	J+ (all detects)	A
440-181745-1	RI-20-110.0-20170410	Bromofluorobenzene	127 (79-120)	2-Butanone 4-Methyl-2-pentanone	J+ (all detects) J+ (all detects)	A
440-182804-1	RI-21-105.0-20170423	Bromofluorobenzene	122 (79-120)	All compounds	J+ (all detects)	A
440-185877-1	PCDB-2-100.0-20170606**	Bromofluorobenzene	126 (79-120)	Acetone	J+ (all detects)	P
440-186031-1	PCDB-2-130.0-20170606	Bromofluorobenzene	131 (79-120)	All compounds	J+ (all detects)	A

VIII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-179022-1	RIDB-4-40.0-20170307MS/MSD (RIDB-4-40.0-20170307)	Chlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene	242 (70-130) 141 (70-130) 136 (70-130)	219 (70-130) 132 (70-130) -	J+ (all detects) J+ (all detects) J+ (all detects)	A
440-179456-1	RI-16-70.0-20170312MS/MSD (RI-16-70.0-20170312)	Ethylbenzene Hexachlorobutadiene Isopropylbenzene m,p-Xylenes n-Butylbenzene p-Isopropyltoluene sec-Butylbenzene Styrene tert-Butylbenzene Tetrachloroethene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	69 (70-135) 36 (50-145) 55 (70-145) 64 (70-130) 34 (55-145) 49 (60-140) 51 (60-135) 66 (70-140) 57 (60-140) 60 (65-135) 21 (45-145) 19 (50-140) 57 (65-140) 46 (65-135)	- - - - - - - - - - - - - -	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-179456-1	RIDB-7-50.0-20170312MS/MSD (RIDB-7-50.0-20170312)	1,2,4-Trichlorobenzene	-	49 (50-140)	UJ (all non-detects)	A
440-180819-1	RIDB-21-40.0-20170328MS/MSD (RIDB-21-40.0-20170328)	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene	41 (45-145) 41 (50-140)	- -	UJ (all non-detects) UJ (all non-detects)	A
440-181420-1	RI-5-50.0-20170405MS/MSD (RI-5-50.0-20170405**)	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene	30 (45-145) 31 (50-140)	37 (45-145) 39 (50-140)	UJ (all non-detects) UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-181722-1	RI-9-50.0-20170408MS/MSD (RI-9-50.0-20170408)	1,2,4-Trichlorobenzene	-	43 (50-140)	UJ (all non-detects)	A
440-183424-1	RI-13-50.0-20170502MS/MSD (RI-13-50.0-20170502)	Hexachlorobutadiene n-Butylbenzene p-Isopropyltoluene sec-Butylbenzene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,3,5-Trimethylbenzene	- - - - - - -	35 (50-145) 44 (55-145) 58 (60-140) 56 (60-135) 35 (45-145) 34 (50-140) 64 (65-135)	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-185877-1	PCDB-2-90.0-20170606MS/MSD** (PCDB-2-90.0-20170606**)	Acetone	214 (20-145)	158 (20-145)	J+ (all detects)	A
440-186397-1	PCDB-3-110.0-20170613MS/MSD (PCDB-3-110.0-20170613)	Acetone	163 (20-145)	-	J+ (all detects)	A
440-186518-1	RI-17-135.0-20170614MS/MSD (RI-17-135.0-20170614)	1,2,4-Trichlorobenzene	46 (50-140)	-	UJ (all non-detects)	A
440-186721-1	RI-11-80.0-20170616MS/MSD (RI-11-80.0-20170616)	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene	31 (45-145) 30 (50-140)	44 (45-145) 44 (50-140)	UJ (all non-detects) UJ (all non-detects)	A
440-187594-1	RI-4-80.0-20170701MS/MSD (RI-4-80.0-20170701)	Chloroform	-	136 (65-135)	J+ (all detects)	A

Relative percent differences (RPD) were within the QC limits with the exception of several compounds in RIDB-17-30.0-20170309MS/MSD (from SDG 440-179280-1), RI-16-70.0-20170312MS/MSD (from SDG 440-179456-1), RIDB-21-40.0-20170328MS/MSD (from SDG 440-180819-1), RI-9-50.0-20170408MS/MSD (from SDG440-181722-1), RI-24-110.0-20170419MS/MSD (from SDG440-182602-1), RI-13-50.0-20170502MS/MSD (from SDG 440-183424-1), PCDB-2-90.0-20170606MS/MSD** (from SDG 440-185877-1), RI-17-135.0-20170614MS/MSD (from SDG440-186518-1) and RI-11-80.0-20170616MS/MSD (from SDG440-186721-1). No data were qualified since the associated results were not detected.

IX. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	Flag	A or P
440-186031-1	LCS 440-411281/5 (PCDB-2-120.0-20170606 PCDB-2-130.0-20170606)	Acetone	171 (25-145)	J+ (all detects)	P

Relative percent differences (RPD) were within QC limits with the exception of Bromochloromethane in LCS/D 440-399080/5,6 (from SDG 440-181661-1), Hexachlorobutadiene in LCS/D 440-415640/5,6 (from SDGs 440-187553-1 and 440-187594-1) and Trichlorofluoromethane in LCS/D 440-400095/5,6 (from SDG 440-181297-1). No data were qualified since the associated results were not detected.

X. Field Duplicates

Samples RIDB-8-30.0-20170222 and RIDB-8-30.0-20170222-FD (both from SDG 440-177826-1), samples RIDB-9-50.0-20170223** and RIDB-9-50.0-20170223-FD** (both from SDG 440-178027-1), samples RIDB-13-30.0-20170224 and RIDB-13-30.0-20170224-FD (both from SDG 440-178172-1), samples RIDB-14-40.0-20170223 and RIDB-14-40.0-20170223-FD (both from SDG 440-178172-1), samples RIDB-10-80.0-20170225** and RIDB-10-80.0-20170225-FD** (both from SDG 440-178302-1), samples RIDB-6-5.0-20170225 and RIDB-6-5.0-20170225-FD (both from SDG 440-178302-2), samples RIDB-4-10.0-20170307 and RIDB-4-10.0-20170307-FD (both from SDG 440-179022-1), samples RIDB-1-50.0-20170308 and RIDB-1-50.0-20170308-FD (both from SDG 440-179153-1), samples RIDB-20-30.0-20170308 and RIDB-20-30.0-20170308-FD (both from SDG 440-179153-1), samples RIDB-2-20.0-20170309 and RIDB-2-20.0-20170309-FD (both from SDG 440-179280-1), samples RIDB-17-30.0-20170309 and RIDB-17-30.0-20170309-FD (both from SDG 440-179280-1), samples RIDB-3-60.0-20170310 and RIDB-3-60.0-20170310-FD (both from SDG 440-179419-1), samples RIDB-5-5.0-20170311 and RIDB-5-5.0-20170311-FD (both from SDG 440-179456-1), samples RIDB-15-80.0-20170311 and RIDB-15-80.0-20170311-FD (both from SDG 440-179456-1), samples RI-16-80.0-20170312 and RI-16-80.0-20170312-FD (both from SDG 440-179456-1), samples RIDB-7-0.5-20170312 and RIDB-7-0.5-20170312-FD (both from SDG 440-179456-1), samples RIDB-18-30.0-20170314 and RIDB-18-30.0-20170314-FD (both from SDG 440-179637-1), samples RIDB-11-70.0-20170321 and RIDB-11-70.0-20170321-FD (both from SDG 440-180193-1), samples RIDB-19-60.0-20170321 and RIDB-19-60.0-20170321-FD (both from SDG 440-180193-1), samples RIDB-12-50.0-20170322 and RIDB-12-50.0-20170322-FD (both from SDG 440-180331-1), samples RIDB-27-50.0-20170322 and RIDB-27-50.0-20170322-FD (both from SDG 440-180331-1), samples RIDB-28-10.0-20170323 and RIDB-28-10.0-20170323-FD (both from SDG 440-180439-1), samples RIDB-25-60.0-20170323 and RIDB-25-60.0-20170323-FD (both from SDG 440-180439-1), samples RIDB-24-70.0-20170324 and RIDB-24-70.0-20170324-FD (both from SDG 440-180593-1), samples RIDB-26-50.0-20170324 and RIDB-26-50.0-20170324-FD (both from SDG 440-180593-1), samples RIDB-22-1.0-20170327 and RIDB-22-1.0-20170327-FD (both from SDG 440-180696-1), samples RIDB-21-50.0-20170328 and RIDB-21-50.0-20170328-FD (both from SDG 440-180819-1), samples RIDB-23-60.0-20170404 and RIDB-23-60.0-20170404-FD (both from SDG 440-181297-1), samples RI-5-40.0-20170405** and RI-5-40.0-20170405-FD** (both from SDG 440-181420-1), samples RI-5-120.0-20170407 and RI-5-120.0-20170407-FD (both from SDG 440-181661-1), samples RI-7-20.0-20170408 and RI-7-20.0-20170408-FD (both from SDG 440-181716-1), samples RI-9-110.0-20170409 and RI-9-110.0-20170409-FD (both from SDG 440-181722-1), samples RI-20-100.0-20170410 and RI-20-100.0-20170410-FD (both from SDG 440-181745-1), samples RI-10-70.0-20170410 and RI-10-70.0-20170410-FD (both from SDG 440-181749-1), samples RI-24-90.0-20170418 and RI-24-90.0-20170418-FD (both from SDG 440-182494-1), samples RI-25-80.0-20170418 and RI-25-80.0-

20170418-FD (both from SDG 440-182498-1), samples RI-21-60.0-20170422 and RI-21-60.0-20170422-FD (both from SDG 440-182804-1), samples RI-8-10.0-20170422 and RI-8-10.0-20170422-FD (both from SDG 440-182829-1), samples RI-1-50.0-20170424 and RI-1-50.0-20170424-FD (both from SDG 440-182886-1), samples RI-2-90.0-20170425 and RI-2-90.0-20170425-FD (both from SDG 440-182943-1), samples M-65D-20170502* and M-65D-20170502-FD* (both from SDG 440-183423-1), samples RI-13-40.0-20170502 and RI-13-40.0-20170502-FD (both from SDG 440-183424-1), samples RIDB-16-50.0-20170502 and RIDB-16-50.0-20170502-FD (both from SDG 440-183426-1), samples RI-12-30.0-20170503 and RI-12-30.0-20170503-FD (both from SDG 440-183574-1), samples RI-13-110.0-20170503 and RI-13-110.0-20170503-FD (both from SDG 440-183581-1), samples M-66D-20170504* and M-66D-20170504-FD* (both from SDG 440-183683-1), samples RI-22-50.0-20170504 and RI-22-50.0-20170504-FD (both from SDG 440-183702-1), samples RI-12-140.0-20170504** and RI-12-140.0-20170504-FD** (both from SDG 440-183705-1), samples RI-22-80.0-20170504 and RI-22-80.0-20170504-FD (both from SDG 440-183819-1), samples RI-22-120.0-20170505 and RI-22-120.0-20170505-FD (both from SDG 440-183819-1), samples RI-22-145.0-20170505 and RI-22-145.0-20170505-FD (both from SDG 440-183819-1), samples M-244-90.0-20170506 and M-244-90.0-20170506-FD (both from SDG 440-183862-1), samples RI-27-50.0-20170519 and RI-27-50.0-20170519-FD (both from SDG 440-184908-1), samples RI-27-80.0-20170520 and RI-27-80.0-20170520-FD (both from SDG 440-184908-1), samples RI-27-125.0-20170521 and RI-27-125.0-20170521-FD (both from SDG 440-184908-1), samples RIDB-29-50.0-20170522 and RIDB-29-50.0-20170522-FD (both from SDG 440-184950-1), samples RIDB-29-70.0-20170523** and RIDB-29-70.0-20170523-FD** (both from SDG 440-185056-1), samples RI-23-80.0-20170531 and RI-23-80.0-20170531-FD (both from SDG 440-185476-1), samples RI-23-110.0-20170531 and RI-23-110.0-20170531-FD (both from SDG 440-185583-1), samples RI-23-140.0-20170601 and RI-23-140.0-20170601-FD (both from SDG 440-185583-1), samples PCDB-1-10.0-20170603 and PCDB-1-10.0-20170603-FD (both from SDG 440-185677-1), samples PCDB-1-110.0-20170604 and PCDB-1-110.0-20170604-FD (both from SDG 440-185677-1), samples PCDB-2-50.0-20170606** and PCDB-2-50.0-20170606-FD** (both from SDG 440-185877-1), samples PCDB-2-130.0-20170606 and PCDB-2-130.0-20170606-FD (both from SDG 440-186031-1), samples PCDB-3-30.0-20170612 and PCDB-3-30.0-20170612-FD (both from SDG 440-186356-1), samples RI-17-50.0-20170613** and RI-17-50.0-20170613-FD** (both from SDG 440-186395-1), samples PCDB-3-100.0-20170613 and PCDB-3-100.0-20170613-FD (both from SDG 440-186397-1), samples PCDB-3-130.0-20170613 and PCDB-3-130.0-20170613-FD (both from SDG 440-186397-1), samples RI-17-100.0-20170614 and RI-17-100.0-20170614-FD (both from SDG 440-186518-1), samples RI-28-70.0-20170615 and RI-28-70.0-20170615-FD (both from SDG 440-18637-1), samples RI-28-130.0-20170615 and RI-28-130.0-20170615-FD (both from SDG 440-186637-1), samples RI-26-5.0-20170616 and RI-26-5.0-20170616-FD (both from SDG 440-186720-1), samples RI-11-60.0-20170616 and RI-11-60.0-20170616-FD (both from SDG 440-186721-1), samples RI-11-95.0-20170616 and RI-11-95.0-20170616-FD (both from SDG 440-186721-1), samples RI-11-110.0-20170616 and RI-11-110.0-20170616-FD (both from SDG 440-186721-1), samples RI-11-130.0-20170616 and RI-11-130.0-20170616-FD (both from SDG 440-186721-1), samples RI-26-70.0-20170617 and RI-26-70.0-20170617-FD (both from SDG 440-186786-1), samples RI-26-110.0-20170617 and RI-26-110.0-20170617-FD (both from SDG 440-186786-1), samples RI-26-140.0-20170618 and RI-26-140.0-

20170618-FD (both from SDG 440-186786-1), samples RI-2-130.0-20170628 and RI-2-130.0-20170628-FD (both from SDG 440-187437-1), samples RI-3-40.0-20170629 and RI-3-40.0-20170629-FD (both from SDG 440-187533-1), samples RI-3-120.0-20170630 and RI-3-120.0-20170630-FD (both from SDG 440-187553-1), samples RI-4-30.0-20170630 and RI-4-30.0-20170630-FD (both from SDG 440-157594-1), and samples RI-4-120.0-20170701 and RI-4-120.0-20170701-FD (both from SDG 440-187594-1) were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-8-30.0-20170222	RIDB-8-30.0-20170222-FD			
440-177826-1	Chloroform	0.0019	0.0024	23 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-9-50.0-20170223**	RIDB-9-50.0-20170223-FD**			
440-178027-1	Carbon tetrachloride	0.0019	0.00090	71 (≤50)	NQ	-
	Chloroform	0.11	0.070	44 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-13-30.0-20170224	RIDB-13-30.0-20170224-FD			
440-178172-1	Chloroform	0.021	0.017	21 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-14-40.0-20170223	RIDB-14-40.0-20170223-FD			
440-178172-1	Chloroform	0.57	0.52	9 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-10-80.0-20170225**	RIDB-10-80.0-20170225-FD**			
440-178302-1	Chloroform	0.029	0.024	19 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-1-50.0-20170308	RIDB-1-50.0-20170308-FD			
440-179153-1	Benzene	0.040	0.059	38 (≤50)	-	-
	Chlorobenzene	0.019	0.022	15 (≤50)	-	-
	Chloroform	0.020	0.032	46 (≤50)	-	-
	Methyl-tert-butyl ether	0.0014	0.0027U	200 (≤50)	NQ	-
	1,2-Dichloroethane	0.0014U	0.0012	200 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-20-30.0-20170308	RIDB-20-30.0-20170308-FD			
440-179153-1	Chloroform	0.00090	0.00073	21 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-2-20.0-20170309	RIDB-2-20.0-20170309-FD			
440-179280-1	Chloroform	0.0011	0.0015U	200 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-17-30.0-20170309	RIDB-17-30.0-20170309-FD			
440-179280-1	Chloroform	0.046	0.036	24 (≤50)	-	-
	Methyl-tert-butyl ether	0.0016	0.0014	13 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-3-60.0-20170310	RIDB-3-60.0-20170310-FD			
440-179419-1	Chloroform	0.0053	0.0046	14 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-18-30.0-20170314	RIDB-18-30.0-20170314-FD			
440-179637-1	Chloroform	0.0017	0.0018	6 (≤50)	-	-
	Hexachlorobutadiene	0.0034	0.0036	6 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-11-70.0-20170321	RIDB-11-70.0-20170321-FD			
440-180193-1	Chloroform	0.11	0.10	10 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-19-60.0-20170321	RIDB-19-60.0-20170321-FD			
440-180193-1	Chloroform	0.0028	0.0016	55 (≤50)	J (all detects)	A

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-12-50.0-20170322	RIDB-12-50.0-20170322-FD			
440-180331-1	Chloroform	0.18	0.21	15 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-25-60.0-20170323	RIDB-25-60.0-20170323-FD			
440-180439-1	Chloroform	0.0014	0.0015	7 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-26-50.0-20170324	RIDB-26-50.0-20170324-FD			
440-180593-1	Chloroform	0.0012	0.0015	22 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-21-50.0-20170328	RIDB-21-50.0-20170328-FD			
440-180819-1	Carbon tetrachloride	0.0029U	0.0022	200 (≤50)	NQ	-
	Chloroform	0.089	0.11	21 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-23-60.0-20170404	RIDB-23-60.0-20170404-FD			
440-181297-1	Bromodichloromethane	0.0013	0.0012	8 (≤50)	-	-
	Carbon tetrachloride	0.0016	0.0015	6 (≤50)	-	-
	Chloroform	0.25	0.24	4 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-5-40.0-20170405**	RI-5-40.0-20170405-FD**			
440-181420-1	Carbon tetrachloride	0.012	0.015	22 (≤50)	-	-
	Chloroform	1.1	0.86	24 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-20-100.0-20170410	RI-20-100.0-20170410-FD			
440-181745-1	Carbon tetrachloride	0.00094	0.00082	14 (≤50)	-	-
	Chloroform	0.063	0.059	7 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-10-70.0-20170410	RI-10-70.0-20170410-FD			
440-181749-1	Chloroform	0.027	0.023	16 (≤50)	-	-
	1,1-Dichloroethene	0.0012	0.0011	9 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-24-90.0-20170418	RI-24-90.0-20170418-FD			
440-182494-1	Chloroform	0.0022	0.0077	111 (≤50)	J (all detects)	A

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-25-80.0-20170418	RI-25-80.0-20170418-FD			
440-182498-1	Chloroform	0.00077	0.00066	15 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-25-80.0-20170418	RI-25-80.0-20170418-FD			
440-182498-1	1,1-Dichloroethene	0.014	0.011	24 (≤50)	-	-
	Trichloroethene	0.010	0.0083	19 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-21-60.0-20170422	RI-21-60.0-20170422-FD			
440-182804-1	Chloroform	0.0038	0.0039	3 (≤50)	-	-
	1,1-Dichloroethene	0.0037	0.0044	17 (≤50)	-	-
	Trichloroethene	0.0016	0.0015	6 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-1-50.0-20170424	RI-1-50.0-20170424-FD			
440-182886-1	Benzene	5.6	6.0	7 (≤50)	-	-
	Chlorobenzene	26	27	4 (≤50)	-	-
	Chloroform	6.1	6.5	6 (≤50)	-	-
	1,2-Dichlorobenzene	11	1.1	0 (≤50)	-	-
	1,3-Dichlorobenzene	0.073	0.081	10 (≤50)	-	-
	1,4-Dichlorobenzene	2.5	2.6	4 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-2-90.0-20170425	RI-2-90.0-20170425-FD			
440-182943-1	Benzene	0.70	0.63	11 (≤50)	-	-
	Chlorobenzene	7.8	7.6	3 (≤50)	-	-
	Chloroform	0.40	0.32	22 (≤50)	-	-
	1,4-Dichlorobenzene	0.16	0.37	79 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-2-90.0-20170425	RI-2-90.0-20170425-FD			
440-182943-1	1,2-Dichlorobenzene	0.17U	0.16	6 (≤50)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-65D-20170502*	M-65D-20170502-FD*			
440-183423-1	Carbon tetrachloride	1.0U	0.59	200 (≤30)	NQ	-
	Chloroform	140	140	0 (≤30)	-	-
	Methylene chloride	3.9	3.7	5 (≤30)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-13-40.0-20170502	RI-13-40.0-20170502-FD			
440-183424-1	Chloroform	0.022	0.019	15 (≤50)	-	-
	Trichloroethene	0.0048	0.0038	23 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-16-50.0-20170502	RIDB-16-50.0-20170502-FD			
440-183426-1	Carbon tetrachloride	0.00097	0.00078	22 (≤50)	-	-
	Chloroform	0.053	0.046	14 (≤50)	-	-
	1,2-Dichlorobenzene	0.00085	0.00073	15 (≤50)	-	-
	1,3-Dichlorobenzene	0.00071	0.0014U	200 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-12-30.0-20170503	RI-12-30.0-20170503-FD			
440-183574-1	Chloroform	0.014	0.020	35 (≤50)	-	-
	Trichloroethene	0.0012	0.0019	45 (≤50)	-	-
	Tetrachloroethene	0.0018U	0.0013	200 (≤50)	NQ	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-66D-20170504*	M-66D-20170504-FD*			
440-183683-1	Bromodichloromethane	1.4	1.4	0 (≤30)	-	-
	Bromoform	1.2	0.95	23 (≤30)	-	-
	Carbon tetrachloride	1.3	1.1	17 (≤30)	-	-
	Dibromochloromethane	0.57	0.44	26 (≤30)	-	-
	Trichloroethene	0.93	0.45	70 (≤30)	NQ	-
	Chloroform	270	270	0 (≤30)	-	-
	Methylene chloride	2.0U	1.5	200 (≤30)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-22-50.0-20170504	RI-22-50.0-20170504-FD			
440-183702-1	1,1-Dichloroethene	0.0088	0.0084	5 (≤50)	-	-
	Trichloroethene	0.016	0.015	6 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-22-80.0-20170504	RI-22-80.0-20170504-FD			
440-183819-1	1,1-Dichloroethene	0.00091	0.0030U	200 (≤50)	NQ	-
	Trichloroethene	0.0052	0.0047	10 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		M-244-90.0-20170506	M-244-90.0-20170506-FD			
440-183862-1	Benzene	0.080	0.082	2 (≤50)	-	-
	Chlorobenzene	0.034	0.035	3 (≤50)	-	-
	Chloroform	0.013	0.013	0 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-27-50.0-20170519	RI-27-50.0-20170519-FD			
440-184908-1	Chloroform	0.00066	0.0013U	200 (≤50)	NQ	-
	1,1-Dichloroethene	0.010	0.010	0 (≤50)	-	-
	Trichloroethene	0.013	0.013	0 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-27-80.0-20170520	RI-27-80.0-20170520-FD			
440-184908-1	Chloroform	0.0012U	0.0010	200 (≤50)	NQ	-
	1,1-Dichloroethene	0.0011	0.0045	121 (≤50)	NQ	-
	Trichloroethene	0.0017	0.0052	101 (≤50)	J (all detects)	A

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-29-50.0-20170522	RIDB-29-50.0-20170522-FD			
440-184950-1	Carbon tetrachloride	0.0049	0.0013	116 (≤50)	NQ	-
	Chloroform	0.23	0.15	42 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-23-80.0-20170531	RI-23-80.0-20170531-FD			
440-185476-1	Chloroform	0.0031	0.0029	7 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-23-110.0-20170531	RI-23-110.0-20170531-FD			
440-185583-1	Trichloroethene	0.0015U	0.00089	200 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-23-140.0-20170601	RI-23-140.0-20170601-FD			
440-185583-1	Trichloroethene	0.0015U	0.00069	200 (≤50)	NQ	-
	Trichlorofluoromethane	0.0031U	0.0014	76 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-1-10.0-20170603	PCDB-1-10.0-20170603-FD			
440-185677-1	Acetone	0.013	0.020U	200 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-1-110.0-20170604	PCDB-1-110.0-20170604-FD			
440-185677-1	Acetone	0.035	0.017	69 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-2-130.0-20170606	PCDB-2-130.0-20170606-FD			
440-186031-1	Acetone	0.020	0.026U	200 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-17-50.0-20170613**	RI-17-50.0-20170613-FD**			
440-186395-1	Chloroform	0.76	0.59	25 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-3-100.0-20170613	PCDB-3-100.0-20170613-FD			
440-186397-1	Acetone	0.034	0.042	21 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-3-130.0-20170613	PCDB-3-130.0-20170613-FD			
440-186397-1	Acetone	0.021	0.028	29 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-17-100.0-20170614	RI-17-100.0-20170614-FD			
440-186518-1	Chloroform	0.14	0.0042	188 (≤50)	J (all detects)	A

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-28-70.0-20170615	RI-28-70.0-20170615-FD			
440-186637-1	1,1-Dichloroethene	0.013	0.013	0 (≤50)	-	-
	Trichloroethene	0.0018	0.0017	6 (≤50)	-	-
	Trichlorofluoromethane	0.0018	0.0025U	200 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-28-130.0-20170615	RI-28-130.0-20170615-FD			
440-186637-1	Trichlorofluoromethane	0.0026U	0.0017	200 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-11-60.0-20170616	RI-11-60.0-20170616-FD			
440-186721-1	Chloroform	0.041	0.064	44 (≤50)	-	-
	Trichlorofluoromethane	0.0046	0.0017	92 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-11-95.0-20170616	RI-11-95.0-20170616-FD			
440-186721-1	Trichlorofluoromethane	0.0027U	0.0018	200 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-26-70.0-20170617	RI-26-70.0-20170617-FD			
440-186786-1	Chloroform	0.012	0.015	22 (≤50)	-	-
	Trichloroethene	0.0014	0.0015	7 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-26-110.0-20170617	RI-26-110.0-20170617-FD			
440-186786-1	Chloroform	0.0014	0.0016	13 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-3-40.0-20170629	RI-3-40.0-20170629-FD			
440-187533-1	Benzene	0.11	0.083	28 (≤50)	-	-
	Carbon tetrachloride	0.050	0.044	13 (≤50)	-	-
	Chlorobenzene	0.13	1.0	154 (≤50)	NQ	-
	Chloroform	0.66	1.1	50 (≤50)	-	-
	1,2-Dichlorobenzene	0.12	0.086	33 (≤50)	-	-
	1,3-Dichlorobenzene	0.0066	0.0047	34 (≤50)	-	-
	1,4-Dichlorobenzene	0.22	0.16	32 (≤50)	-	-
	Tetrachloroethene	0.0021	0.0019	10 (≤50)	-	-
	1,2,4-Trichlorobenzene	0.0022	0.017	26 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-3-120.0-20170630	RI-3-120.0-20170630-FD			
440-187553-1	Chlorobenzene	0.0026	0.0020	26 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-4-30.0-20170630	RI-4-30.0-20170630-FD			
440-187594-1	Acetone	0.026	0.024U	200 (≤50)	NQ	-
	Chloroform	0.064	0.030	72 (≤50)	J (all detects)	A

NQ = No data were qualified when either the primary or duplicate result was not detected or was below the practical quantitation limit (PQL).

XI. Internal Standards

All internal standard areas and retention times were within QC limits with the following exceptions:

SDG	Sample	Internal Standards	Area (Limits)	Affected Compound	Flag	A or P
440-177826-1	M-5D-52.0-20170222	1,4-Dichlorobenzene-d4	150344 (183251-733004)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	J+ (all detects) UJ (all non-detects)	A
440-179153-1	RIDB-20-70.0-20170308	1,4-Dichlorobenzene-d4	141658 (158515-634060)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	P

SDG	Sample	Internal Standards	Area (Limits)	Affected Compound	Flag	A or P
440-179280-1	RIDB-2-60.0-20170309	1,4-Dichlorobenzene-d4	104594 (206748-826992)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-179419-1	RIDB-3-40.0-20170310	1,4-Dichlorobenzene-d4	134311 (152520-610080)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	J+ (all detects) UJ (all non-detects)	P
440-179456-1	RIDB-7-50.0-20170312	1,4-Dichlorobenzene-d4	170655 (206748-826992)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A

SDG	Sample	Internal Standards	Area (Limits)	Affected Compound	Flag	A or P
440-179637-1	RIDB-18-60.0-20170314	1,4-Dichlorobenzene-d4	140827 (146615-586458)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-180439-1	RIDB-28-80.0-20170323	1,4-Dichlorobenzene-d4	63060 (167900-671600)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects)	A
440-181297-1	RIDB-23-30.0-20170404	1,4-Dichlorobenzene-d4	143211 (143891-575564)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene Tert-Butylbenzene 1,2,4-Trimethylbenzene Sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects)	P

SDG	Sample	Internal Standards	Area (Limits)	Affected Compound	Flag	A or P
440-181716-1	RI-7-60.0-20170408	1,4-Dichlorobenzene-d4	158724 (160972-643886)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene Tert-Butylbenzene 1,2,4-Trimethylbenzene Sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects)	P
440-181745-1	RI-20-110.0-20170410	1,4-Dichlorobenzene-d4	80694 (132818-531270)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene Tert-Butylbenzene 1,2,4-Trimethylbenzene Sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	J+ (all detects) UJ (all non-detects)	A
440-181749-1	RI-10-20.0-20170410	1,4-Dichlorobenzene-d4	60188 (132818-531270)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene Tert-Butylbenzene 1,2,4-Trimethylbenzene Sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects)	A

SDG	Sample	Internal Standards	Area (Limits)	Affected Compound	Flag	A or P
440-181749-1	RI-10-20.0-20170410	Fluorobenzene	419599 (426078-1704310)	2-Butanone 4-Methyl-2-pentanone	UJ (all non-detects) UJ (all non-detects)	A
440-181883-1	RI-10-130.0-20170410**	1,4-Dichlorobenzene-d4	218874 (221158-884630)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene Tert-Butylbenzene 1,2,4-Trimethylbenzene Sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	P
440-186637-1	RI-28-115.0-20170615	tert-Butyl alcohol-d9 1,4-Dichlorobenzene-d4	126847 (188861-755444) 90730 (185977-743906)	tert-Butyl alcohol 1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-186721-1	RI-11-70.0-20170616	tert-Butyl alcohol-d9	266421 (66294-265176)	tert-Butyl alcohol	UJ (all non-detects)	A

SDG	Sample	Internal Standards	Area (Limits)	Affected Compound	Flag	A or P
440-186721-1	RI-11-80.0-20170616	1,4-Dichlorobenzene-d4	415946 (460404-1841614)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-186786-1	RI-26-90.0-20170617	1,4-Dichlorobenzene-d4	103874 (137765-551058)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-187533-1	RI-3-20.0-20170629	tert-Butyl alcohol-d9	60070 (66137-264548)	tert-Butyl alcohol	UJ (all non-detects)	A
440-187553-1	RI-3-110.0-20170629	1,4-Dichlorobenzene-d4	115742 (116984-467934)	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A

Internal standard data were not reviewed for Stage 2A validation.

XII. Compound Quantitation

All compound quantitations met validation criteria with the following exceptions:

SDG	Sample	Compound	Finding	Flag	A or P
440-179280-1	RIDB-17-60.0-20170309-EB* RIDB-17-60.0-20170309-EBTB*	Trichloroethene	The laboratory indicated that the reported result may be carryover from the preceeding sample which contained Trichloroethene above the calibration range.	J+ (all detects)	A

Raw data were not reviewed for Stage 2A and Stage 2B validation.

XIII. Target Compound Identifications

All target compound identifications met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XIV. System Performance

The system performance was acceptable for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method.

Due to internal standard area, data were rejected in one sample.

Due to ICV %D, continuing calibration %D, surrogate %R, MS/MSD %R, LCS/LCSD %R, field duplicate RPD, internal standards area and possible carryover, data were qualified as estimated in four hundred fifty five.

Due to laboratory blank contamination, data were qualified as estimated in one sample.

Due to trip blank contamination, data were qualified as estimated in ten samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be rejected (R) are unusable for all purposes. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Volatiles - Data Qualification Summary - SDGs 440-180101-1, 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-1, 440-178302-2, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-180968-1, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179565-1, 440-179637-1, 440-179742-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181565-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-181883-1, 440-182494-1, 440-182498-1, 440-182601-1, 440-182602-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182888-1, 440-182942-1, 440-182943-1, 440-183075-1, 440-183293-1, 440-183423-1, 440-183424-1, 440-183426-1, 440-183553-1, 440-183574-1, 440-183581-1, 440-183683-1, 440-183702-1, 440-183705-1, 440-183819-1, 440-183862-1, 440-184723-1, 440-184858-1, 440-184908-1, 440-184950-1, 440-185056-1, 440-185476-1, 440-185583-1, 440-185677-1, 440-185829-1, 440-185877-1, 440-186031-1, 440-186351-1, 440-186356-1, 440-186395-1, 440-186397-1, 440-186517-1, 440-186518-1, 440-186634-1, 440-186637-1, 440-186720-1, 440-186721-1, 440-186786-1, 440-486797-1, 440-186920-1, 440-187295-1, 440-187437-1, 440-187533-1, 440-187553-1, 440-187589-1, 440-187594-1

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-180819-1	RIDB-22-60.0-20170327 RIDB-22-70.0-20170327 RIDB-22-80.0-20170327 RIDB-22-90.0-20170327 RIDB-21-1.0-20170328 RIDB-21-5.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328 RIDB-21-40.0-20170328 RIDB-21-50.0-20170328	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181716-1	RI-7-50.0-20170408 RI-7-60.0-20170408 RI-7-90.0-20170409 RI-7-95.0-20170409 RI-7-110.0-20170409 RI-7-120.0-20170409	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181722-1	RI-9-40.0-20170408	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181745-1	RI-20-110.0-20170410	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181749-1	RI-10-20.0-20170410	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-182804-1	RI-21-120.0-20170423 RI-21-135.0-20170423	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-182829-1	RI-8-90.0-20170423 RI-8-95.0-20170423 RI-8-110.0-20170423	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-182886-1	RI-1-40.0-20170424 RI-1-50.0-20170424 RI-1-50.0-20170424-FD RI-1-60.0-20170424	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-182943-1	RI-2-90.0-20170425-FD	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-183424-1	RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502 RI-13-40.0-20170502 RI-13-40.0-20170502-FD RI-13-50.0-20170502 RI-13-60.0-20170502 RI-13-70.0-20170502 RI-13-80.0-20170502	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-183426-1	RIDB-16-1.0-20170501-TB RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502 RIDB-16-40.0-20170502	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-183702-1	RI-22-1.0-20170504-TB RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504 RI-22-50.0-20170504 RI-22-50.0-20170504-FD RI-22-60.0-20170504	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-183705-1	RI-12-90.0-20170504** RI-12-95.0-20170504** RI-12-105.0-20170504** RI-12-120.0-20170504** RI-12-125.0-20170504** RI-12-130.0-20170504** RI-12-135.0-20170504** RI-12-140.0-20170504-FD** RI-12-145.0-20170504** RI-12-150.0-20170504**	Dichlorodifluoromethane	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-183705-1	RI-12-100.0-20170504**	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-183862-1	M-244-60.0-20170505-TB M-244-60.0-20170505 M-244-80.0-20170506 M-244-90.0-20170506 M-244-90.0-20170506-FD M-244-100.0-20170506 M-244-120.0-20170506	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-184723-1	RI-23-2.0-20170517-TB	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-184858-1	RI-27-40.0-20170519**	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-184908-1	RI-27-50.0-20170519-TB RI-27-50.0-20170519 RI-27-50.0-20170519-FD RI-27-60.0-20170520 RI-27-70.0-20170520 RI-27-80.0-20170520 RI-27-80.0-20170520-FD RI-27-90.0-20170520 RI-27-95.0-20170520 RI-27-100.0-20170520 RI-27-105.0-20170520 RI-27-110.0-20170520 RI-27-115.0-20170520 RI-27-120.0-20170520 RI-27-125.0-20170521 RI-27-125.0-20170521-FD RI-27-130.0-20170521 RI-27-135.0-20170521 RI-27-140.0-20170521 RI-27-145.0-20170521 RI-27-150.0-20170521	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-184950-1	RIDB-29-20.0-20170522-TB RIDB-29-20.0-20170522 RIDB-29-30.0-20170522 RIDB-29-40.0-20170522	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-185583-1	RI-23-110.0-20170531-TB RI-23-110.0-20170531 RI-23-110.0-20170531-FD RI-23-115.0-20170531 RI-23-120.0-20170531 RI-23-125.0-20170601	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-185677-1	PCDB-1-50.0-20170603 PCDB-1-120.0-20170604 PCDB-1-130.0-20170604 PCDB-1-140.0-20170604	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-185829-1	PCDB-1-150.0-20170605-TB PCDB-1-150.0-20170605 PCDB-2-5.0-20170605 PCDB-2-10.0-20170605 PCDB-2-20.0-20170605	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-186351-1	RI-17-40.0-20170612	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-186395-1	RI-17-50.0-20170613** RI-17-50.0-20170613-FD**	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-186397-1	PCDB-3-110.0-20170613	Dichlorodifluoromethane Chloromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-186518-1	RI-17-120.0-20170614 RI-17-125.0-20170614 RI-17-130.0-20170614	Dichlorodifluoromethane Chloromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-186518-1	RI-17-90.0-20170614 RI-17-95.0-20170614 RI-17-100.0-20170614 RI-17-100.0-20170614-FD RI-17-105.0-20170614 RI-17-135.0-20170614	Dichlorodifluoromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-186634-1	RI-17-140.0-20170614** RI-17-145.0-20170614** RI-17-150.0-20170614** RI-11-5.0-20170615** RI-11-10.0-20170615** RI-11-20.0-20170615** RI-11-30.0-20170615** RI-11-40.0-20170615**	Dichlorodifluoromethane Chloromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-186637-1	RI-28-130.0-20170615-FD RI-28-135.0-20170615	Dichlorodifluoromethane Chloromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-186721-1	RI-11-50.0-20170615 RI-11-60.0-20170616 RI-11-60.0-20170616-FD RI-11-80.0-20170616 RI-11-90.0-20170616 RI-11-95.0-20170616 RI-11-95.0-20170616-FD RI-11-110.0-20170616 RI-11-115.0-20170616 RI-11-120.0-20170616 RI-11-125.0-20170616	Dichlorodifluoromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-186797-1	M-198-100.0-20170618** M-198-110.0-20170618** M-198-120.0-20170618** M-198-130.0-20170618** M-198-140.0-20170618** M-198-150.0-20170618**	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-186920-1	M-196-100.0-20170620 M-196-120.0-20170620 M-196-130.0-20170620 M-196-140.0-20170620	Dichlorodifluoromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-187437-1	RI-2-110.0-20170628-TB RI-2-110.0-20170628 RI-2-115.0-20170628 RI-2-120.0-20170628 RI-2-125.0-20170628 RI-2-130.0-20170628 RI-2-130.0-20170628-FD RI-2-135.0-20170628 RI-2-140.0-20170628 RI-2-145.0-20170628 RI-2-150.0-20170628	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-187533-1	RI-3-5.0-20170629-TB RI-3-5.0-20170629 RI-3-10.0-20170629 RI-3-20.0-20170629 RI-3-40.0-20170629 RI-3-40.0-20170629-FD	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-187553-1	RI-3-120.0-20170630-FD RI-3-130.0-20170630 RI-3-135.0-20170630 RI-3-140.0-20170630 RI-3-145.0-20170630 RI-3-150.0-20170630	Dichlorodifluoromethane Chloromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-187553-1	RI-3-125.0-20170630	Dichlorodifluoromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-187553-1	RI-3-80.0-20170629-TB RI-3-90.0-20170629 RI-3-95.0-20170629 RI-3-100.0-20170629 RI-3-105.0-20170629	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-187594-1	RI-4-10.0-20170630 RI-4-20.0-20170630 RI-4-30.0-20170630 RI-4-30.0-20170630-FD RI-4-90.0-20170701 RI-4-95.0-20170701 RI-4-110.0-20170701 RI-4-115.0-20170701 RI-4-120.0-20170701 RI-4-120.0-20170701-FD RI-4-125.0-20170701 RI-4-130.0-20170701 RI-4-135.0-20170701 RI-4-140.0-20170701 RI-4-145.0-20170701 RI-4-150.0-20170701	Dichlorodifluoromethane Chloromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-187594-1	RI-4-40.0-20170630 RI-4-50.0-20170630 RI-4-60.0-20170701 RI-4-70.0-20170701 RI-4-100.0-20170701 RI-4-105.0-20170701	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-187594-1	RI-4-80.0-20170701	Dichlorodifluoromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-177826-1	RIDB-9-1.0-20170222-TB RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222 RIDB-8-30.0-20170222-FD RIDB-8-40.0-20170222 RIDB-8-60.0-20170222 RIDB-8-80.0-20170222	Chloromethane	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-178027-1	RIDB-8-90.0-20170223-TB** RIDB-8-90.0-20170223** RIDB-14-1.0-20170223** RIDB-14-5.0-20170223** RIDB-14-10.0-20170223** RIDB-14-20.0-20170223** RIDB-9-10.0-20170223** RIDB-9-20.0-20170223** RIDB-9-30.0-20170223** RIDB-9-40.0-20170223** RIDB-9-50.0-20170223**	Chloromethane	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-178172-1	RIDB-10-30.0-20170224	Carbon tetrachloride	J+ (all detects)	A	Continuing calibration (%D) (c)
440-178172-1	RIDB-14-30.0-20170223 RIDB-10-1.0-20170223 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD RIDB-13-40.0-20170224 RIDB-13-50.0-20170224	Acetone	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-178302-2	RIDB-6-5.0-20170225 RIDB-6-60.0-20170226	Acetone	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-179153-1	RIDB-20-30.0-20170308 RIDB-20-30.0-20170308-FD RIDB-20-70.0-20170308 RIDB-20-80.0-20170308 RIDB-20-90.0-20170308	Acetone	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-179280-1	RIDB-17-5.0-20170309	Acetone	J+ (all detects)	A	Continuing calibration (%D) (c)
440-179280-1	RIDB-17-40.0-20170309 RIDB-17-50.0-20170309 RIDB-17-60.0-20170309	Carbon tetrachloride	J+ (all detects)	A	Continuing calibration (%D) (c)
440-179280-1	RIDB-17-50.0-20170309	Bromoform	J+ (all detects)	A	Continuing calibration (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-179456-1	RI-16-5.0-20170312-TB RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-70.0-20170312 RI-16-80.0-20170312 RI-16-80.0-20170312-FD RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312	Trichloroethene Bromoform	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-179565-1	RI-16-90.0-20170313-TB RI-16-90.0-20170313 RI-16-100.0-20170313 RI-16-110.0-20170313 RI-16-120.0-20170313 RI-16-130.0-20170313	2-Butanone tert-Amyl methyl ether	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180193-1	RIDB-11-20.0-20170320-TB RIDB-11-20.0-20170320 RIDB-11-40.0-20170321	Bromomethane Chloroethane	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180331-1	RIDB-27-60.0-20170322 RIDB-12-10.0-20170322 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322 RIDB-12-70.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321	Bromomethane Chloroethane	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180439-1	RIDB-28-1.0-20170322-TB RIDB-28-1.0-20170322 RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-28-70.0-20170323 RIDB-28-90.0-20170323 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-20.0-20170323 RIDB-25-30.0-20170323	Bromomethane Chloroethane	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180593-1	RIDB-24-1.0-20170323-TB RIDB-24-1.0-20170323 RIDB-24-5.0-20170323 RIDB-24-10.0-20170324 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-24-70.0-20170324 RIDB-24-70.0-20170324-FD RIDB-24-80.0-20170324 RIDB-26-1.0-20170323 RIDB-26-5.0-20170323 RIDB-26-10.0-20170324	Bromomethane Chloroethane	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181297-1	RIDB-23-40.0-20170404	1,2,3-Trichlorobenzene	UJ (all non-detects)	A	Continuing calibration (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-181297-1	RIDB-23-30.0-20170404 RIDB-23-60.0-20170404-FD	1,2,3-Trichlorobenzene	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181420-1	RI-5-5.0-20170404-TB** RI-5-5.0-20170404** RI-5-10.0-20170405** RI-5-20.0-20170405** RI-5-30.0-20170405** RI-5-40.0-20170405** RI-5-40.0-20170405-FD** RI-5-50.0-20170405** RI-5-60.0-20170405** RI-5-70.0-20170405**	1,2,3-Trichlorobenzene	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181565-1	RI-5-80.0-20170406-TB RI-5-90.0-20170406 RI-5-100.0-20170406	Acetone Methylene chloride Methyl-tert-butyl ether Ethyl tert-butyl ether Benzene tert-Amyl methyl ether Trichloroethene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181661-1	RI-5-105.0-20170406-TB RI-5-105.0-20170406 RI-5-110.0-20170406 RI-5-115.0-20170406 RI-5-120.0-20170407 RI-5-120.0-20170407-FD RI-5-125.0-20170407 RI-5-130.0-20170407	1,2,3-Trichlorobenzene	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181716-1	RI-7-50.0-20170408 RI-7-60.0-20170408 RI-7-90.0-20170409 RI-7-95.0-20170409 RI-7-110.0-20170409 RI-7-120.0-20170409	Methylene chloride	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181722-1	RI-9-40.0-20170408	Methylene chloride	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181722-1	RI-9-10.0-20170408-TB RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-9-50.0-20170408 RI-9-60.0-20170408 RI-9-70.0-20170408 RI-9-80.0-20170408 RI-9-90.0-20170408 RI-9-100.0-20170409 RI-9-110.0-20170409 RI-9-110.0-20170409-FD RI-9-120.0-20170409 RI-9-130.0-20170409 RI-9-10-5.0-20170409 RI-9-10-10.0-20170409	1,2,3-Trichlorobenzene	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181745-1	RI-20-110.0-20170410	2-Butanone 1,2-Dibromo-3-chloropropane	UJ (all non-detects)	A	Continuing calibration (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-181749-1	RI-10-20.0-20170410	2-Butanone 1,2-Dibromo-3-chloropropane	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181883-1	RI-10-115.0-20170410-TB**	Acetone tert-Amyl methyl ether	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-182601-1	RI-25-95.0-20170418-TB RI-25-145.0-20170419 RI-25-150.0-20170419	Dichlorodifluoromethane Chloromethane	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-182602-1	RI-24-95.0-20170419 RI-24-100.0-20170419 RI-24-105.0-20170419 RI-24-110.0-20170419 RI-24-115.0-20170419 RI-24-120.0-20170419 RI-24-125.0-20170419 RI-24-130.0-20170419 RI-24-135.0-20170419 RI-24-140.0-20170419 RI-24-145.0-20170419 RI-24-150.0-20170419	tert-Amyl methyl ether	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-182829-1	RI-8-90.0-20170423 RI-8-95.0-20170423 RI-8-110.0-20170423	Dichlorodifluoromethane	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-182943-1	RI-2-50.0-20170425 RI-2-60.0-20170425 RI-2-70.0-20170425 RI-2-80.0-20170425	2-Butanone	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-183574-1	RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD RI-12-40.0-20170503 RI-12-50.0-20170503 RI-12-60.0-20170503 RI-12-70.0-20170503 RI-12-80.0-20170503	Dichlorodifluoromethane	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-183581-1	RI-13-130.0-20170503 RI-13-135.0-20170503 RI-13-140.0-20170503 RI-13-145.0-20170503 RI-13-150.0-20170503	Dichlorodifluoromethane	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-183705-1	RI-12-110.0-20170504** RI-12-115.0-20170504** RI-12-140.0-20170504**	Dichlorodifluoromethane	UJ (all non-detects)	A	Continuing calibration (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-183819-1	RI-22-70.0-20170504-TB RI-22-70.0-20170504 RI-22-80.0-20170504 RI-22-80.0-20170504-FD RI-22-90.0-20170504 RI-22-95.0-20170504 RI-22-100.0-20170505 RI-22-105.0-20170505 RI-22-115.0-20170505 RI-22-120.0-20170505 RI-22-120.0-20170505-FD RI-22-125.0-20170505 RI-22-130.0-20170505 RI-22-135.0-20170505 RI-22-140.0-20170505	2-Butanone	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-183862-1	M-244-70.0-20170506 M-244-110.0-20170506	2-Butanone	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-185476-1	RI-23-20.0-20170530-TB RI-23-20.0-20170530 RI-23-30.0-20170530 RI-23-40.0-20170530 RI-23-50.0-20170531 RI-23-60.0-20170531 RI-23-70.0-20170531 RI-23-80.0-20170531 RI-23-80.0-20170531-FD RI-23-90.0-20170531 RI-23-95.0-20170531 RI-23-100.0-20170531 RI-23-105.0-20170531	Chloromethane Di-isopropyl ether	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-185677-1	PCDB-1-5.0-20170602-TB PCDB-1-5.0-20170602 PCDB-1-10.0-20170603 PCDB-1-10.0-20170603-FD PCDB-1-20.0-20170603 PCDB-1-30.0-20170603	Di-isopropyl ether	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-185877-1	PCDB-2-30.0-20170605-TB** PCDB-2-30.0-20170605** PCDB-2-40.0-20170606** PCDB-2-50.0-20170606** PCDB-2-50.0-20170606-FD** PCDB-2-60.0-20170606** PCDB-2-70.0-20170606** PCDB-2-80.0-20170606** PCDB-2-90.0-20170606** PCDB-2-110.0-20170606**	Chloromethane Di-isopropyl ether	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-185877-1	PCDB-2-100.0-20170606**	Acetone	J+ (all detects)	A	Continuing calibration (%D) (c)
440-186031-1	PCDB-2-140.0-20170607 PCDB-2-150.0-20170607	Acetone	J+ (all detects)	A	Continuing calibration (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-187553-1	RI-3-120.0-20170630-FD RI-3-130.0-20170630 RI-3-135.0-20170630 RI-3-140.0-20170630 RI-3-145.0-20170630 RI-3-150.0-20170630	Acetone	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-187594-1	RI-4-80.0-20170701	Carbon tetrachloride	J+ (all detects)	A	Continuing calibration (%D) (c)
440-179280-1	RIDB-2-60.0-20170309	All compounds	J+ (all detects)	A	Surrogates (%R) (s)
440-179419-1	RIDB-3-40.0-20170310	All compounds	J+ (all detects)	P	Surrogates (%R) (s)
440-179637-1	RIDB-18-60.0-20170314	All compounds	J+ (all detects)	A	Surrogates (%R) (s)
440-180439-1	RIDB-28-80.0-20170323	All compounds	J+ (all detects)	A	Surrogates (%R) (s)
440-181565-1	RI-5-80.0-20170406	All compounds	J+ (all detects)	P	Surrogate spikes (%R) (s)
440-181716-1	RI-7-50.0-20170408	All compounds	J+ (all detects)	P	Surrogate spikes (%R) (s)
440-181716-1	RI-7-60.0-20170408	All compounds	J+ (all detects)	P	Surrogate spikes (%R) (s)
440-181722-1	RI-9-40.0-20170408	All compounds	J+ (all detects)	P	Surrogate spikes (%R) (s)
440-181745-1	RI-20-110.0-20170410	All compounds	J+ (all detects)	A	Surrogate spikes (%R) (s)
440-182804-1	RI-21-105.0-20170423	All compounds	J+ (all detects)	A	Surrogate spikes (%R) (s)
440-185877-1	PCDB-2-100.0-20170606**	Acetone	J+ (all detects)	P	Surrogate spikes (%R) (s)
440-186031-1	PCDB-2-130.0-20170606	All compounds	J+ (all detects)	A	Surrogate spikes (%R) (s)
440-179022-1	RIDB-4-40.0-20170307	Chlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene	J+ (all detects) J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-179456-1	RI-16-70.0-20170312	Ethylbenzene Hexachlorobutadiene Isopropylbenzene m,p-Xylenes n-Butylbenzene p-Isopropyltoluene sec-Butylbenzene Styrene tert-Butylbenzene Tetrachloroethene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179456-1	RIDB-7-50.0-20170312	1,2,4-Trichlorobenzene	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180819-1	RIDB-21-40.0-20170328	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181420-1	RI-5-50.0-20170405**	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181722-1	RI-9-50.0-20170408	1,2,4-Trichlorobenzene	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183424-1	RI-13-50.0-20170502	Hexachlorobutadiene n-Butylbenzene p-Isopropyltoluene sec-Butylbenzene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,3,5-Trimethylbenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-185877-1	PCDB-2-90.0-20170606**	Acetone	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186397-1	PCDB-3-110.0-20170613	Acetone	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186518-1	RI-17-135.0-20170614	1,2,4-Trichlorobenzene	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186721-1	RI-11-80.0-20170616	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-187594-1	RI-4-80.0-20170701	Chloroform	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186031-1	PCDB-2-120.0-20170606 PCDB-2-130.0-20170606	Acetone	J+ (all detects)	P	Laboratory control samples (%R) (l)
440-180193-1	RIDB-19-60.0-20170321 RIDB-19-60.0-20170321-FD	Chloroform	J (all detects)	A	Field duplicates (RPD) (fd)
440-182494-1	RI-24-90.0-20170418 RI-24-90.0-20170418-FD	Chloroform	J (all detects)	A	Field duplicates (RPD) (fd)
440-184908-1	RI-27-80.0-20170520 RI-27-80.0-20170520-FD	Trichloroethene	J (all detects)	A	Field duplicates (RPD) (fd)
440-186518-1	RI-17-100.0-20170614 RI-17-100.0-20170614-FD	Chloroform	J (all detects)	A	Field duplicates (RPD) (fd)
440-187594-1	RI-4-30.0-20170630 RI-4-30.0-20170630-FD	Chloroform	J (all detects)	A	Field duplicates (RPD) (fd)
440-177826-1	M-5D-52.0-20170222	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	J+ (all detects) UJ (all non-detects)	A	Internal standards (area) (i)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-179153-1	RIDB-20-70.0-20170308	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	P	Internal standards (area) (i)
440-179280-1	RIDB-2-60.0-20170309	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Internal standards (area) (i)
440-179419-1	RIDB-3-40.0-20170310	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	J+ (all detects) UJ (all non-detects)	P	Internal standards (area) (i)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-179456-1	RIDB-7-50.0-20170312	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Internal standards (area) (i)
440-179637-1	RIDB-18-60.0-20170314	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Internal standards (area) (i)
440-180439-1	RIDB-28-80.0-20170323	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects)	A	Internal standards (area) (i)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-181297-1	RIDB-23-30.0-20170404	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene Tert-Butylbenzene 1,2,4-Trimethylbenzene Sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects)	P	Internal standards (area) (i)
440-181716-1	RI-7-60.0-20170408	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene Tert-Butylbenzene 1,2,4-Trimethylbenzene Sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects)	P	Internal standards (area) (i)
440-181745-1	RI-20-110.0-20170410	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene Tert-Butylbenzene 1,2,4-Trimethylbenzene Sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	J+ (all detects) UJ (all non-detects)	A	Internal standards (area) (i)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-181749-1	RI-10-20.0-20170410	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene Tert-Butylbenzene 1,2,4-Trimethylbenzene Sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene 2-Butanone 4-Methyl-2-pentanone	UJ (all non-detects) UJ (all non-detects)	A	Internal standards (area) (i)
440-181883-1	RI-10-130.0-20170410**	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene Tert-Butylbenzene 1,2,4-Trimethylbenzene Sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects)	P	Internal standards (area) (i)
440-186637-1	RI-28-115.0-20170615	tert-Butyl alcohol 1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects)	A	Internal standards (area) (i)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-186721-1	RI-11-70.0-20170616	tert-Butyl alcohol	UJ (all non-detects)	A	Internal standards (area) (i)
440-186721-1	RI-11-80.0-20170616	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Internal standards (area) (i)
440-186786-1	RI-26-90.0-20170617	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Internal standards (area) (i)
440-187533-1	RI-3-20.0-20170629	tert-Butyl alcohol	UJ (all non-detects)	A	Internal standards (area) (i)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-187553-1	RI-3-110.0-20170629	1,1,2,2-Tetrachloroethane 1,2,3-Trichloropropane Bromobenzene n-Propylbenzene 2-Chlorotoluene 4-Chlorotoluene 1,3,5-Trimethylbenzene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene p-Isopropyltoluene 1,2-Dichlorobenzene n-Butylbenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 1,2,3-Trichlorobenzene	UJ (all non-detects) UJ (all non-detects)	A	Internal standards (area) (i)
440-179280-1	RIDB-17-60.0-20170309-EB* RIDB-17-60.0-20170309-EBTB*	Trichloroethene	J+ (all detects)	A	Compound quantitation (o)

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Volatiles - Laboratory Blank Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-1, 440-178302-2, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179565-1, 440-179637-1, 440-179742-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-180968-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181565-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-181883-1, 440-182494-1, 440-182498-1, 440-182601-1, 440-182602-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182888-1, 440-182942-1, 440-182943-1, 440-183075-1, 440-183293-1, 440-183423-1, 440-183424-1, 440-183426-1, 440-183553-1, 440-183574-1, 440-183581-1, 440-183683-1, 440-183702-1, 440-183705-1, 440-183819-1, 440-183862-1, 440-184723-1, 440-184858-1, 440-184908-1, 440-184950-1, 440-185056-1, 440-185476-1, 440-185583-1, 440-185677-1, 440-185829-1, 440-185877-1, 440-186031-1, 440-186351-1, 440-186356-1, 440-186395-1, 440-186397-1, 440-186517-1, 440-186518-1, 440-186634-1, 440-186637-1, 440-186720-1, 440-186721-1, 440-186786-1, 440-486797-1, 440-186920-1, 440-187295-1, 440-187437-1, 440-187533-1, 440-187553-1, 440-187589-1, 440-187594-1

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-185677-1	PCDB-1-100.0-20170604	Naphthalene	0.0025J mg/Kg	A	bl

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-1, 440-178302-2, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179565-1, 440-179637-1, 440-179742-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-180968-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181565-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-181883-1, 440-182494-1, 440-182498-1, 440-182601-1, 440-182602-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182888-1, 440-182942-1, 440-182943-1, 440-183075-1, 440-183293-1, 440-183423-1, 440-183424-1, 440-183426-1, 440-183553-1, 440-183574-1, 440-183581-1, 440-183683-1, 440-183702-1, 440-183705-1, 440-183819-1, 440-183862-1, 440-184723-1, 440-184858-1, 440-184908-1, 440-184950-1, 440-185056-1, 440-185476-1, 440-185583-1, 440-185677-1, 440-185829-1, 440-185877-1, 440-186031-1, 440-186351-1, 440-186356-1, 440-186395-1, 440-186397-1, 440-186517-1, 440-186518-1, 440-186634-1, 440-186637-1, 440-186720-1, 440-186721-1, 440-186786-1, 440-486797-1, 440-186920-1, 440-187295-1, 440-187437-1, 440-187533-1, 440-187553-1, 440-187589-1, 440-187594-1

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-179153-1	RIDB-1-30.0-20170308-EB*	Methylene chloride	1.3J ug/L	A	bt
440-181420-1	RI-5-60.0-20170405-EB*	Methylene chloride	0.99J ug/L	A	bt
440-183683-1	M-140D-20170504*	Methylene chloride	1.2J ug/L	A	bt
440-183683-1	M-66D-20170504-FD*	Methylene chloride	1.5J ug/L	A	bt
440-183683-1	M-72D-20170504*	Methylene chloride	1.4J ug/L	A	bt
440-183683-1	M-36D-20170504-FB*	Methylene chloride	1.4J ug/L	A	bt
440-183683-1	M-14D-20170504*	Methylene chloride	0.92J ug/L	A	bt
440-184950-1	RIDB-29-40.0-20170522-EB*	Methylene chloride	1.7J ug/L	A	bt
440-186351-1	RI-17-30.0-20170612-EB*	Methylene chloride	1.1J ug/L	A	bt
440-186786-1	RI-26-60.0-20170617	Benzene	0.00059J mg/Kg	A	bt

ATTACHMENT B
1,2,3-Trichloropropane and 1,4-Dioxane DVR

1,2,3-Trichloropropane and 1,4-Dioxane by Environmental Protection Agency (EPA) SW 846 Method 8260B in Selected Ion Monitoring (SIM) mode

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

III. Field Blanks

Samples RIDB-10-10.0-20170224-EBTB (from SDG 440-178097-1), RIDB-1-30.0-20170308-EBTB (from SDG 440-179153-1), RIDB-17-60.0-20170309-EBTB (from SDG 440-179280-1), RIDB-3-70.0-20170310-EBTB (from SDG 440-179419-1), RIDB-18-10.0-20170314-EBTB (from SDG 440-179637-1), RIDB-27-60.0-20170322-EBTB (from SDG 440-180331-1), RIDB-28-70.0-20170323-EBTB (from SDG 440-180439-1), RIDB-22-40.0-20170327-EBTB (from SDG 440-180696-1), RIDB-23-70.0-20170404-EBTB (from SDG 440-181297-1), RI-5-60.0-20170405-EBTB (from SDG 440-181420-1), RI-5-80.0-20170406-EBTB (from SDG 440-181565-1), RI-10-100.0-20170410-EBTB (from SDG 440-181749-1), RI-24-120.0-20170419-EBTB (from SDG 440-182602-1), RI-2-80.0-20170425-EBTB (from SDG 440-182943-1), samples M-5D-20170501-TB (from SDG 440-183293-1), M-203-20170502-TB (from SDG 440-183423-1), M-81D-20170503-TB (from SDG 440-183553-1), M-140D-20170504-TB (from SDG 440-183683-1), RI-12-90.0-20170504-EBTB (from SDG 440-183705-1), RIDB-29-40.0-20170522-EBTB (from SDG 440-184950-1), RI-23-60.0-20170531-EBTB (from SDG 440-185476-1), samples RI-17-30.0-20170612-EBTB (from SDG 440-186351-1), PCDB-3-90.0-20170613-EBTB (from SDG 440-186397-1), RI-17-120.0-20170614-EBTB (from SDG 440-186518-1), RI-28-100.0-20170615-EBTB (from SDG 440-186637-1), and PCDB-2-50.0-20170606-EBTB (from SDG 440-185877-1) were identified as trip blanks. No contaminants were found.

Samples RIDB-10-10.0-20170224-EB (from SDG 440-178097-1), RIDB-1-30.0-20170308-EB (from SDG 440-179153-1), RIDB-17-60.0-20170309-EB (from SDG 440-179280-1), RIDB-3-70.0-20170310-EB (from SDG 440-179419-1), RIDB-18-10.0-20170314-EB (from SDG 440-179637-1), RIDB-27-60.0-20170322-EB, RIDB-12-60.0-20170322-EB (both from SDG 440-180331-1), RIDB-28-70.0-20170323-EB (from SDG 440-180439-1), RIDB-22-40.0-20170327-EB (from SDG 440-180696-1), RIDB-23-70.0-20170404-EB (from SDG 440-181297-1), RI-5-60.0-20170405-EB (from SDG 440-181420-1), RI-5-80.0-20170406-EB (from SDG 440-181565-1), RI-20-100.0-20170410-EB (from SDG 440-181745-1), RI-10-100.0-20170410-EB (from SDG 440-181749-1), RI-24-120.0-20170419-EB (from SDG 440-182602-1), RI-2-80.0-20170425-EB (from SDG 440-182943-1), samples RI-13-50.0-20170502-EB (from SDG 440-183424-1), M-222-20170503-EB (from SDG 440-183553-1), RI-22-50.0-20170504-EB (from SDG

440-183702-1), RI-12-90.0-20170504-EB (from SDG 440-183705-1), RIDB-29-40.0-20170522-EB (from SDG 440-184950-1), RI-23-60.0-20170531-EB (from SDG 440-185476-1), samples RI-17-30.0-20170612-EB (from SDG 440-186351-1), RI-17-70.0-20170613-EB (from SDG 440-186395-1), PCDB-3-90.0-20170613-EB (from SDG 440-186397-1), RI-28-40.0-20170614-EB (from SDG 440-186517-1), RI-17-120.0-20170614-EB (from SDG 440-186518-1), RI-11-30.0-20170615-EB (from SDG 440-186634-1), RI-28-100.0-20170615-EB, RI-28-120.0-20170615-EB (both from SDG 440-186637-1), and PCDB-2-50.0-20170606-EB (from SDG 440-185877-1) were identified as equipment blanks. No contaminants were found.

Sample M-36D-20170504-FB (from SDG 440-183683-1) was identified as a field blank. No contaminants were found.

IV. Surrogates

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

SDG	Sample	Surrogate	%R (Limits)	Affected Compound	Flag	A or P
440-183293-1	M-5D-20170501	Dibromofluoromethane	49 (80-120)	All compounds	J- (all detects)	P
440-183423-1	M-125D-20170502	Dibromofluoromethane	162 (80-120)	1,2,3-Trichloropropane	J+ (all detects)	P

V. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VI. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

VII. Field Duplicates

Samples M-65D-20170502 and M-65D-20170502-FD (both from SDG 440-183423-1) and samples M-66D-20170504 and M-66D-20170504-FD (both from SDG 440-183683-1) were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-65D-20170502	M-65D-20170502-FD			
440-183423-1	1,2,3-Trichloropropane	0.14	0.14	0 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-66D-20170504	M-66D-20170504-FD			
440-183683-1	1,2,3-Trichloropropane	0.15	0.15	0 (≤30)	-	-

VIII. Compound Quantitation

Raw data were not reviewed for Stage 2A validation.

IX. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in these SDGs.

Due to surrogate %R, data were qualified as estimated in two samples.

The quality control criteria reviewed were met and are considered acceptable. Based upon the data validation all results are considered valid and usable for all purposes.

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
1,2,3-Trichloropropane and 1,4-Dioxane - Data Qualification Summary - SDGs 440-178097-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179637-1, 440-180331-1, 440-180439-1, 440-180696-1, 440-181297-1, 440-181420-1, 440-181565-1, 440-181745-1, 440-181749-1, 440-182602-1, 440-182943-1, 440-183293-1, 440-183423-1, 440-183424-1, 440-183553-1, 440-183683-1, 440-183702-1, 440-183705-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186395-1, 440-186397-1, 440-186517-1, 440-186518-1, 440-186634-1, 440-186637-1, 440-185877-1

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-183293-1	M-5D-20170501	All compounds	J- (all detects)	P	Surrogates (%R) (s)
440-183423-1	M-125D-20170502	1,2,3-Trichloropropane	J+ (all detects)	P	Surrogates (%R) (s)

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
1,2,3-Trichloropropane and 1,4-Dioxane - Laboratory Blank Data Qualification Summary - SDGs 440-178097-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179637-1, 440-180331-1, 440-180439-1, 440-180696-1, 440-181297-1, 440-181420-1, 440-181565-1, 440-181745-1, 440-181749-1, 440-182602-1, 440-182943-1, 440-183293-1, 440-183423-1, 440-183424-1, 440-183553-1, 440-183683-1, 440-183702-1, 440-183705-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186395-1, 440-186397-1, 440-186517-1, 440-186518-1, 440-186634-1, 440-186637-1, 440-185877-1

No Sample Data Qualified in these SDGs

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
1,2,3-Trichloropropane and 1,4-Dioxane - Field Blank Data Qualification Summary - SDGs 440-178097-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179637-1, 440-180331-1, 440-180439-1, 440-180696-1, 440-181297-1, 440-181420-1, 440-181565-1, 440-181745-1, 440-181749-1, 440-182602-1, 440-182943-1, 440-183293-1, 440-183423-1, 440-183424-1, 440-183553-1, 440-183683-1, 440-183702-1, 440-183705-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186395-1, 440-186397-1, 440-186517-1, 440-186518-1, 440-186634-1, 440-186637-1, 440-185877-1

No Sample Data Qualified in these SDGs

ATTACHMENT C
SVOC DVR

Semivolatile Organic Compounds (SVOCs) by Environmental Protection Agency (EPA) SW 846 Method 8270C

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC/MS Instrument Performance Check

A decafluorotriphenylphosphine (DFTPP) tune was performed at 12 hour intervals.

All ion abundance requirements were met.

Instrument performance check data were not reviewed for Stage 2A validation.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For compounds where average relative response factors (RRFs) were utilized, percent relative standard deviations (%RSD) were less than or equal to 15.0% for each individual compound and less than or equal to 30.0% for calibration check compounds (CCCs).

In the case where the laboratory used a calibration curve to evaluate the compounds, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all compounds were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all compounds with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-177826-1	01/03/17 (ICV0103)	Benzidine	24.3	RIDB-8-30.0-20170222-FD M-5D-52.0-20170222	UJ (all non-detects)	A
440-177826-1	02/22/17 (C0222008)	Hexachlorocyclopentadiene Benzidine	25.8 21.3	RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222	UJ (all non-detects) UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-178027-1	01/03/17 (ICV0103)	Benzidine	24.3	RIDB-14-1.0-20170223** RIDB-14-5.0-20170223** RIDB-14-10.0-20170223** RIDB-14-20.0-20170223** RIDB-9-10.0-20170223** RIDB-9-20.0-20170223**	UJ (all non-detects)	A
440-178027-1	02/22/17 (C0222008)	Hexachlorocyclopentadiene Benzidine	25.8 21.3	RIDB-9-30.0-20170223**	UJ (all non-detects) UJ (all non-detects)	A
440-178172-1	01/03/17 (ICV0103)	Benzidine	24.3	RIDB-10-5.0-20170223 RIDB-13-1.0-20170224 RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-14-30.0-20170223	UJ (all non-detects)	A
440-178172-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	RIDB-10-1.0-20170223 RIDB-10-30.0-20170224	UJ (all non-detects) UJ (all non-detects)	A
440-178302-3	01/03/17 (ICV0103)	Benzidine	24.3	All samples in SDG 440-178302-3	UJ (all non-detects)	A
440-179022-1	01/03/17 (ICV0103)	Benzidine	24.3	RIDB-4-40.0-20170307	UJ (all non-detects)	A
440-179022-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	RIDB-4-0.5-20170306 RIDB-4-5.0-20170307 RIDB-4-10.0-20170307 RIDB-4-10.0-20170307-FD RIDB-4-20.0-20170307 RIDB-4-30.0-20170307 RIDB-4-50.0-20170307 RIDB-4-60.0-20170307 RIDB-20-1.0-20170307	UJ (all non-detects) UJ (all non-detects)	A
440-179153-1	01/03/17 (ICV0103)	Benzidine	24.3	RIDB-1-5.0-20170308	UJ (all non-detects)	A
440-179153-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	RIDB-1-0.5-20170308 RIDB-1-10.0-20170308 RIDB-1-20.0-20170308 RIDB-1-30.0-20170308 RIDB-20-5.0-20170307 RIDB-20-10.0-20170308 RIDB-20-20.0-20170308 RIDB-20-30.0-20170308 RIDB-20-30.0-20170308-FD	UJ (all non-detects) UJ (all non-detects)	A

**Indicates samples underwent Stage 4 validation

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-179280-1	01/03/17 (ICV0103)	Benzidine	24.3	RIDB-2-10.0-20170309 RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309-FD	UJ (all non-detects)	A
440-179280-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-17-30.0-20170309 RIDB-17-40.0-20170309 RIDB-17-50.0-20170309	UJ (all non-detects) UJ (all non-detects)	A
440-179419-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-179419-1	UJ (all non-detects) UJ (all non-detects)	A
440-179456-1	01/03/17 (ICV0103)	Benzidine	24.3	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311	UJ (all non-detects)	A
440-179456-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312	UJ (all non-detects) UJ (all non-detects)	A
440-179637-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All soil samples in SDG 440-179637-1	UJ (all non-detects) UJ (all non-detects)	A
440-180101-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-180101-1	UJ (all non-detects) UJ (all non-detects)	A
440-180193-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-180193-1	UJ (all non-detects) UJ (all non-detects)	A
440-180331-1	01/03/17 (ICV0103)	Benzidine	24.3	RIDB-12-1.0-20170321 RIDB-12-5.0-20170321 RIDB-12-10.0-20170322 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321 RIDB-27-20.0-20170321	UJ (all non-detects)	A
440-180331-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	RIDB-27-30.0-20170321	UJ (all non-detects) UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-180439-1	01/03/17 (ICV0103)	Benzidine	24.3	RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-25-1.0-20170323	UJ (all non-detects)	A
440-180439-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	RIDB-28-1.0-20170322 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-20.0-20170323 RIDB-25-30.0-20170323	UJ (all non-detects) UJ (all non-detects)	A
440-180593-1	01/03/17 (ICV0103)	Benzidine	24.3	All samples in SDG 440-180593-1	UJ (all non-detects)	A
440-180696-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-180696-1	UJ (all non-detects) UJ (all non-detects)	A
440-180819-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-180819-1	UJ (all non-detects) UJ (all non-detects)	A
440-181200-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-181200-1	UJ (all non-detects) UJ (all non-detects)	A
440-181297-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-181297-1	UJ (all non-detects) UJ (all non-detects)	A
440-181420-1	01/03/17 (ICV0103)	Benzidine	24.3	RI-5-10.0-20170405** RI-5-20.0-20170405** RI-5-30.0-20170405**	UJ (all non-detects)	A
440-181420-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	RI-5-5.0-20170404**	UJ (all non-detects) UJ (all non-detects)	A
440-181661-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-181661-1	UJ (all non-detects) UJ (all non-detects)	A
440-181716-1	01/03/17 (ICV0103)	Benzidine	24.3	RI-7-5.0-20170408	UJ (all non-detects)	A
440-181716-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408	UJ (all non-detects) UJ (all non-detects)	A
440-181722-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-181722-1	UJ (all non-detects) UJ (all non-detects)	A
440-181745-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-181745-1	UJ (all non-detects) UJ (all non-detects)	A

**Indicates samples underwent Stage 4 validation

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-181749-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-181749-1	UJ (all non-detects) UJ (all non-detects)	A
440-182494-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-182494-1	UJ (all non-detects) UJ (all non-detects)	A
440-182498-1	03/07/17 (ICV0307)	Hexachlorocyclopentadiene Benzidine	27.4 25.1	All samples in SDG 440-182498-1	UJ (all non-detects) UJ (all non-detects)	A
440-182804-1	01/03/17 (ICV0103)	Benzidine	24.3	All samples in SDG 440-182804-1	UJ (all non-detects)	A
440-182829-1	01/03/17 (ICV0103)	Benzidine	24.3	All samples in SDG 440-182829-1	UJ (all non-detects)	A
440-182886-1	01/03/17 (ICV0103)	Benzidine	24.3	All samples in SDG 440-182886-1	UJ (all non-detects)	A
440-182943-1	01/03/17 (ICV0103)	Benzidine	24.3	All samples in SDG 440-182943-1	UJ (all non-detects)	A
440-183424-1	01/03/17 (ICV0103)	Benzidine	24.3	All samples in SDG 440-183424-1	UJ (all non-detects)	A
440-183426-1	01/03/17 (ICV0103)	Benzidine	24.3	All samples in SDG 440-183426-1	UJ (all non-detects)	A
440-183574-1	01/03/17 (ICV0103)	Benzidine	24.3	All samples in SDG 440-183574-1	UJ (all non-detects)	A
440-183702-1	01/03/17 (ICV0103)	Benzidine	24.3	All samples in SDG 440-183702-1	UJ (all non-detects)	A
440-184723-1	01/03/17 (ICV0103)	Benzidine	24.3	All samples in SDG 440-184723-1	UJ (all non-detects)	A
440-184858-1	01/03/17 (ICV0103)	Benzidine	24.3	All samples in SDG 440-184858-1	UJ (all non-detects)	A
440-184950-1	05/12/17 (ICV0512)	Benzidine	33.9	All samples in SDG 440-184950-1	UJ (all non-detects)	A
440-185476-1	05/12/17 (ICV0512)	Benzidine	33.9	All samples in SDG 440-185476-1	UJ (all non-detects)	A

Initial calibration data were not reviewed for Stage 2A validation.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.
The percent differences (%D) were less than or equal to 20.0% for all compounds with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-177826-1	03/01/17 (CCV0301)	4-Nitrophenol	31.7	RIDB-8-30.0-20170222-FD	UJ (all non-detects)	A
440-177826-1	03/07/17 (CCV0307)	2-Nitroaniline 4-Nitrophenol Benzidine	20.3 38.3 22.2	M-5D-52.0-20170222	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-178027-1	03/04/17 (CCV0304)	Hexachlorocyclopentadiene 4-Nitrophenol	25.2 30.4	RIDB-9-10.0-20170223**	UJ (all non-detects) UJ (all non-detects)	A
440-178027-1	03/06/17 (CCV0306)	Hexachlorocyclopentadiene 2-Nitroaniline 4-Nitrophenol	23.1 20.7 35.1	RIDB-14-5.0-20170223**	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-178027-1	03/07/17 (CCV0307)	2-Nitroaniline 4-Nitrophenol Benzidine	20.3 38.3 22.2	RIDB-14-1.0-20170223** RIDB-14-10.0-20170223** RIDB-14-20.0-20170223** RIDB-9-20.0-20170223**	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-178172-1	03/07/17 (CCV0307)	2-Nitroaniline 4-Nitrophenol Benzidine	20.3 38.3 22.2	RIDB-10-5.0-20170223 RIDB-13-1.0-20170224 RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-14-30.0-20170223	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-178302-3	03/01/17 (CCV0301)	4-Nitrophenol	31.7	RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226** RIDB-6-40.0-20170226** RIDB-6-50.0-20170226** RIDB-6-60.0-20170226**	UJ (all non-detects)	A
440-178302-3	03/06/17 (CCV0306)	Hexachlorocyclopentadiene 2-Nitroaniline 4-Nitrophenol	23.1 20.7 35.1	RIDB-6-0.5-20170225**	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-179022-1	03/12/17 (CCV0311)	Benzyl alcohol 4-Nitrophenol Diethylphthalate Benzidine	23.4 42.0 21.1 28.2	RIDB-4-40.0-20170307	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-179153-1	03/16/17 (CCV0316)	4-Nitrophenol	36.2	RIDB-1-5.0-20170308	UJ (all non-detects)	A
440-179153-1	03/15/17 (CCVIS0315)	Benzidine	38.6	RIDB-1-0.5-20170308	UJ (all non-detects)	A
440-179280-1	03/19/17 (CCV0319)	Hexachlorocyclopentadiene 4-Nitrophenol	21.5 32.5	RIDB-2-10.0-20170309 RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309-FD	UJ (all non-detects) UJ (all non-detects)	A
440-179280-1	03/15/17 (CCVIS0315)	Benzidine	38.6	RIDB-2-0.5-20170309 RIDB-17-30.0-20170309	UJ (all non-detects)	A
440-179456-1	03/16/17 (CCV0316)	4-Nitrophenol	36.2	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311	UJ (all non-detects)	A
440-180331-1	03/28/17 (CCV0328)	4-Nitrophenol	32.7	RIDB-12-1.0-20170321 RIDB-12-5.0-20170321 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322	UJ (all non-detects)	A
440-180331-1	04/03/17 (CCV0403)	Hexachlorocyclopentadiene 4-Nitrophenol	21.8 24.1	RIDB-12-10.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321 RIDB-27-20.0-20170321 RIDB-27-30.0-20170321	UJ (all non-detects)	A
440-180439-1	03/30/17 (CCV0330)	4-Nitrophenol	30.8	RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-20.0-20170323	UJ (all non-detects)	A
440-180439-1	04/03/17 (CCV0403)	Hexachlorocyclopentadiene 4-Nitrophenol	21.8 24.1	RIDB-28-10.0-20170323-FD RIDB-28-30.0-20170323 RIDB-25-1.0-20170323	UJ (all non-detects) UJ (all non-detects)	A
440-180439-1	04/01/17 (CCVIS0401)	Hexachlorocyclopentadiene Benzidine	29.2 44.7	RIDB-28-1.0-20170322 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-30.0-20170323	UJ (all non-detects) UJ (all non-detects)	A
440-180439-1	04/07/17 (CCVIS407u)	Hexachlorocyclopentadiene	24.2	RIDB-25-20.0-20170323	UJ (all non-detects)	A
440-180593-1	03/30/17 (CCV0330)	4-Nitrophenol	30.8	All samples in SDG 440-180593-1	UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-180696-1	04/01/17 (CCVIS0401)	Hexachlorocyclopentadiene Benzidine	29.2 44.7	All samples in SDG 440-180696-1	UJ (all non-detects) UJ (all non-detects)	A
440-180819-1	04/01/17 (CCVIS0401)	Hexachlorocyclopentadiene Benzidine	29.2 44.7	All samples in SDG 440-180819-1	UJ (all non-detects) UJ (all non-detects)	A
440-181200-1	04/07/17 (CCVIS407U)	Hexachlorocyclopentadiene	24.2	All samples in SDG 440-181200-1	UJ (all non-detects)	A
440-181420-1	04/11/17 (CCV0411)	Hexachlorocyclopentadiene 4-Nitrophenol	22.3 26.7	RI-5-10.0-20170405**	UJ (all non-detects) UJ (all non-detects)	A
440-181420-1	04/13/17 (CCV0413)	Hexachlorocyclopentadiene 4-Nitrophenol	31.6 20.8	RI-5-20.0-20170405** RI-5-30.0-20170405**	UJ (all non-detects) UJ (all non-detects)	A
440-181420-1	04/10/17 (CCVIS410)	Benzidine	27.1	RI-5-5.0-20170404**	UJ (all non-detects)	A
440-181661-1	04/10/17 (CCVIS410)	Benzidine	27.1	All samples in SDG 440-181661-1	UJ (all non-detects)	A
440-181716-1	04/13/17 (CCV0413)	Hexachlorocyclopentadiene 4-Nitrophenol	31.6 20.8	RI-7-5.0-20170408	UJ (all non-detects) UJ (all non-detects)	A
440-182494-1	04/22/17 (CCVIS422a)	Pyridine Hexachlorocyclopentadiene	26.3 25.1	RI-24-1.0-20170418 RI-24-5.0-20170418 RI-24-10.0-20170418 RI-24-20.0-20170418 RI-24-30.0-20170418	UJ (all non-detects) UJ (all non-detects)	A
440-182498-1	04/22/17 (CCVIS422a)	Pyridine Hexachlorocyclopentadiene	26.3 25.1	RI-25-10.0-20170418 RI-25-20.0-20170418 RI-25-30.0-20170418 RI-25-40.0-20170418	UJ (all non-detects) UJ (all non-detects)	A
440-183424-1	05/08/17 (CCV0508)	Benzyl alcohol	29.7	All samples in SDG 440-183424-1	UJ (all non-detects)	A
440-183426-1	05/08/17 (CCV0508)	Benzyl alcohol	29.7	RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502	UJ (all non-detects)	A
440-183426-1	05/09/17 (CCV0509)	3-Nitroaniline	26.9	RIDB-16-1.0-20170501 RIDB-16-5.0-20170502	UJ (all non-detects)	A
440-183574-1	05/10/17 (CCV0510)	4-Nitrophenol	24.2	All samples in SDG 440-183574-1	UJ (all non-detects)	A
440-183702-1	05/08/17 (CCV0508)	Benzyl alcohol	29.7	RI-22-1.0-20170504	UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-183702-1	05/09/17 (CCV0509)	3-Nitroaniline	26.9	RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504	UJ (all non-detects)	A
440-184723-1	05/22/17 (CCV0522)	Hexachlorocyclopentadiene	30.5	All samples in SDG 440-184723-1	UJ (all non-detects)	A
440-184858-1	05/22/17 (CCV0522)	Hexachlorocyclopentadiene	30.5	RI-6-5.0-20170518** RI-6-10.0-20170518** RI-27-1.0-20170519**	UJ (all non-detects)	A
440-184858-1	05/23/17 (CCV0523)	Hexachlorocyclopentadiene	39.9	RI-27-5.0-20170519** RI-27-10.0-20170519** RI-27-20.0-20170519** RI-27-30.0-20170519** RI-27-40.0-20170519** RIDB-29-1.0-20170519** RIDB-29-5.0-20170519** RIDB-29-10.0-20170519**	UJ (all non-detects)	A
440-184950-1	05/26/17 (CCV0526)	Benzidine	28.2	All samples in SDG 440-184950-1	UJ (all non-detects)	A
440-187533-1	07/03/17 (C070302)	Hexachlorocyclopentadiene Benzidine	23.8 41.3	RI-3-5.0-20170629	UJ (all non-detects) UJ (all non-detects)	A

All of the continuing calibration relative response factors (RRF) were within validation criteria.

Continuing calibration data were not reviewed for Stage 2A validation.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

SDG	Blank ID	Extraction Date	Compound	Concentration	Associated Samples
440-182804-1	MB 440-402453/1-A	04/25/17	4-Nitrophenol	0.158 mg/Kg	All samples in SDG 440-182804-1
440-182829-1	MB 440-402453/1-A	04/25/17	4-Nitrophenol	0.158 mg/Kg	All samples in SDG 440-182829-1
440-182886-1	MB 440-402453/1-A	04/25/17	4-Nitrophenol	0.158 mg/Kg	All samples in SDG 440-182886-1

Sample concentrations were compared to concentrations detected in the laboratory blanks. The sample concentrations were either not detected or were significantly greater than the concentrations found in the associated laboratory blanks.

VI. Field Blanks

Samples RIDB-10-10.0-20170224-EB* (from SDG 440-178097-1), RIDB-1-30.0-20170308-EB* (from SDG 440-179153-1), and RIDB-18-10.0-20170314-EB* (from SDG 440-179637-1) were identified as equipment blanks. No contaminants were found.

VII. Surrogates

Surrogates were added to all samples as required by the method. Surrogate recoveries (%R) were not within QC limits for sample RI-25-40.0-20170418 (from SDG 440-182498-1). Using professional judgment, no data were qualified when one base or one acid surrogate %R was outside the QC limits and the %R was greater than or equal to 10%.

VIII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-177826-1	RIDB-9-1.0-20170222MS/MSD (RIDB-9-1.0-20170222)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-177826-1	M-5D-52.0-20170222MS/MSD (M-5D-52.0-20170222)	Benzoic acid Hexachlorocyclopentadiene	0 (20-120) -	0 (20-120) 0 (20-125)	R (all non-detects) R (all non-detects)	A
440-177826-1	M-5D-52.0-20170222MS/MSD (M-5D-52.0-20170222)	Anthracene Benzo(a)anthracene Bis(2-ethylhexyl)phthalate Chrysene Diethylphthalate Di-n-butylphthalate 2,4-Dinitrophenol Di-n-octylphthalate Fluoranthene Hexachlorobenzene 4-Nitrophenol Pyridine	- - - - - - - - - - - -	50 (55-120) 47 (50-120) 37 (45-130) 47 (55-120) 45 (50-125) 41 (50-125) 19 (20-120) 37 (50-135) 43 (45-120) 47 (50-120) 32 (35-125) 20 (25-130)	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-178027-1	RIDB-14-10.0-20170223MS/MSD** (RIDB-14-10.0-20170223**)	Benzidine Benzoic acid	0 (20-120) 0 (20-120)	0 (20-120) 0 (20-120)	R (all non-detects) R (all non-detects)	A
440-178027-1	RIDB-14-10.0-20170223MS/MSD** (RIDB-14-10.0-20170223**)	2,4-Dinitrophenol	15 (20-120)	10 (20-120)	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-178172-1	RIDB-10-5.0-20170223MS/MSD (RIDB-10-5.0-20170223)	Benzidine Benzoic acid	0 (20-120) 19 (20-120)	0 (20-120) 0 (20-120)	R (all non-detects) R (all non-detects)	A
440-178302-3	RIDB-6-20.0-20170226MS/MSD** (RIDB-6-20.0-20170226**)	Benzoic acid	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-179022-1	RIDB-4-40.0-20170307MS/MSD (RIDB-4-40.0-20170307)	Benzoic acid	-	17 (20-120)	UJ (all non-detects)	A
440-179153-1	RIDB-1-0.5-20170308MS/MSD (RIDB-1-0.5-20170308)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-179280-1	RIDB-2-0.5-20170309MS/MSD (RIDB-2-0.5-20170309)	Benzidine	0 (20-120)	19 (20-120)	R (all non-detects)	A
440-179280-1	RIDB-2-0.5-20170309MS/MSD (RIDB-2-0.5-20170309)	Benzoic acid	15 (20-120)	-	UJ (all non-detects)	A
440-179280-1	RIDB-17-30.0-20170309MS/MSD (RIDB-17-30.0-20170309)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-179280-1	RIDB-17-30.0-20170309MS/MSD (RIDB-17-30.0-20170309)	Benzoic acid	17 (20-120)	11 (20-120)	UJ (all non-detects)	A
440-179456-1	RIDB-5-0.5-20170311MS/MSD (RIDB-5-0.5-20170311)	Benzoic acid	17 (20-120)	13 (20-120)	UJ (all non-detects)	A
440-180331-1	RIDB-12-1.0-20170321MS/MSD (RIDB-12-1.0-20170321)	Anthracene 4-Chloro-3-methylphenol Diethylphthalate 2,4-Dimethylphenol Di-n-butylphthalate 3-Methylphenol + 4-Methylphenol	54 (55-120) 44 (50-125) 48 (50-125) 27 (30-120) 48 (50-125) 44 (50-120)	- - - - - -	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-180331-1	RIDB-12-1.0-20170321MS/MSD (RIDB-12-1.0-20170321)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-180331-1	RIDB-27-30.0-20170321MS/MSD (RIDB-27-30.0-20170321)	Benzidine Benzoic acid	0 (20-120) 0 (20-120)	- 0 (20-120)	R (all non-detects) R (all non-detects)	A
440-180331-1	RIDB-27-30.0-20170321MS/MSD (RIDB-27-30.0-20170321)	2,4-Dinitrophenol	-	11 (20-120)	UJ (all non-detects)	A
440-180439-1	RIDB-28-1.0-20170322MS/MSD (RIDB-28-1.0-20170322)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-180439-1	RIDB-28-1.0-20170322MS/MSD (RIDB-28-1.0-20170322)	Benzoic acid	17 (20-120)	16 (20-120)	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-180439-1	RIDB-25-20.0-20170323MS/MSD (RIDB-25-20.0-20170323)	Benzoic acid Benzyl alcohol 2,4-Dinitrophenol Benzidine	14 (20-120) 19 (20-120) 5 (20-120) -	0 (20-120) 0 (20-120) 0 (20-120) 0 (20-120)	R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects)	A
440-180819-1	RIDB-21-1.0-20170328MS/MSD (RIDB-21-1.0-20170328)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-181297-1	RIDB-23-30.0-20170404MS/MSD (RIDB-23-30.0-20170404)	Benzoic acid	-	18 (20-120)	UJ (all non-detects)	A
440-181420-1	RI-5-5.0-20170404MS**/MSD (RI-5-5.0-20170404**)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-181716-1	RI-7-5.0-20170408MS/MSD (RI-7-5.0-20170408)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-181749-1	RI-10-20.0-20170410MS/MSD (RI-10-20.0-20170410)	Benzidine Benzyl alcohol	0 (20-120) 0 (20-120)	- 0 (20-120)	R (all non-detects) R (all non-detects)	A
440-181749-1	RI-10-20.0-20170410MS/MSD (RI-10-20.0-20170410)	Benzoic acid	14 (20-120)	12 (20-120)	UJ (all non-detects)	A
440-182494-1	RI-24-1.0-20170418MS/MSD (RI-24-1.0-20170418)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-182829-1	RI-8-20.0-20170422MS/MSD (RI-8-20.0-20170422)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-182829-1	RI-8-20.0-20170422MS/MSD (RI-8-20.0-20170422)	Benzoic acid	18 (20-120)	-	UJ (all non-detects)	A
440-183574-1	RI-12-10.0-20170503MS/MSD (RI-12-10.0-20170503)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-183574-1	RI-12-10.0-20170503MS/MSD (RI-12-10.0-20170503)	Benzoic acid	16 (20-120)	16 (20-120)	UJ (all non-detects)	A
440-183702-1	RI-22-1.0-20170504MS/MSD (RI-22-1.0-20170504)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-183702-1	RI-22-1.0-20170504MS/MSD (RI-22-1.0-20170504)	3,3'-Dichlorobenzidine	-	19 (20-130)	UJ (all non-detects)	A
440-185476-1	RI-23-20.0-20170530MS/MSD (RI-23-20.0-20170530)	Benzoic acid	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-185476-1	RI-23-20.0-20170530MS/MSD (RI-23-20.0-20170530)	2,4-Dinitrophenol	13 (20-120)	14 (20-120)	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-186351-1	RI-17-5.0-20170612MS/MSD (RI-17-5.0-20170612)	Benzidine Benzyl alcohol	0 (20-120) 0 (20-120)	0 (20-120) 0 (20-120)	R (all non-detects) R (all non-detects)	A
440-186351-1	RI-17-5.0-20170612MS/MSD (RI-17-5.0-20170612)	Benzoic acid 3,3'-Dichlorobenzidine 2,4-Dinitrophenol	17 (20-120) 19 (20-130) 14 (20-120)	15 (20-120) - -	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-186517-1	RI-28-40.0-20170614MS/MSD (RI-28-40.0-20170614)	Benzidine Benzoic acid	0 (20-120) 10 (20-120)	0 (20-120) 0 (20-120)	R (all non-detects) R (all non-detects)	A
440-186517-1	RI-28-40.0-20170614MS/MSD (RI-28-40.0-20170614)	2,4-Dinitrophenol	11 (20-120)	8 (20-120)	UJ (all non-detects)	A
440-186786-1	RI-26-30.0-20170616MS/MSD (RI-26-30.0-20170616)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-186786-1	RI-26-30.0-20170616MS/MSD (RI-26-30.0-20170616)	Benzoic acid 2,4-Dinitrophenol Benzyl alcohol	18 (20-120) 19 (20-120) -	12 (20-120) 14 (20-120) 19 (20-120)	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-187533-1	RI-3-5.0-20170629MS/MSD (RI-3-5.0-20170629)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-187533-1	RI-3-5.0-20170629MS/MSD (RI-3-5.0-20170629)	Benzoic acid	19 (20-120)	-	UJ (all non-detects)	A
440-187589-1	RI-4-5.0-20170630MS/MSD (RI-4-5.0-20170630)	Benzidine	0 (20-120)	0 (20-120)	R (all non-detects)	A
440-187589-1	RI-4-5.0-20170630MS/MSD (RI-4-5.0-20170630)	Benzyl alcohol	14 (20-120)	-	UJ (all non-detects)	A

Relative percent differences (RPD) were within QC limits with the exception of several compounds in M-5D-52.0-20170222MS/MSD (from SDG 440-177826-1), RIDB-14-10.0-20170223MS/MSD** (from SDG 440-178027-1), RIDB-10-5.0-20170223MS/MSD (from SDG 440-178172-1), RIDB-6-20.0-20170226MS/MSD** (from SDG 440-178302-3), RIDB-2-0.5-20170309MS/MSD (from SDG 440-179280-1), RIDB-17-30.0-20170309MS/MSD (from SDG 440-179280-1), RIDB-15-20.0-20170310MS/MSD(from SDG 440-179419-1), RIDB-12-1.0-20170321MS/MSD (from SDG 440-180331-1), RIDB-27-30.0-20170321MS/MSD (from SDG 440-180331-1), RIDB-25-20.0-20170323MS/MSD (from SDG 440-180439-1), RIDB-23-30.0-20170404MS/MSD (from SDG 440-181297-1), RI-7-5.0-20170408MS/MSD (from SDG 440-181716-1), RI-10-20.0-20170410MS/MSD (from SDG 440-181749-1), RI-23-20.0-20170530MS/MSD (from SDG 440-185476-1), RI-17-5.0-20170612MS/MSD (from SDG 440-186351-1), RI-28-40.0-20170614MS/MSD (from SDG 440-186517-1), RI-26-30.0-20170616MS/MSD (from SDG 440-186786-1) and RI-4-5.0-20170630MS/MSD (from SDG 440-187589-1). No data were qualified since the associated results were not detected.

IX. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	Flag	A or P
440-179153-1	LCS/D 440-393281 (All water samples in SDG 440-179153-1)	Benzidine	0 (5-65)	100 (5-65)	R (all non-detects)	P

Relative percent differences (RPD) were within QC limits with the exception of Aniline, Benzidine and Hexachlorocyclopentadiene in LCS/D 440-393281 (from SDG 440-179153-1). No data were qualified since the associated results were not detected.

X. Field Duplicates

Samples RIDB-8-30.0-20170222 and RIDB-8-30.0-20170222-FD (both from SDG 440-177826-1), samples RIDB-13-30.0-20170224 and RIDB-13-30.0-20170224-FD (both from SDG 440-178172-1), samples RIDB-6-5.0-20170225** and RIDB-6-5.0-20170225-FD** (both from SDG 440-178302-3), samples RIDB-4-10.0-20170307 and RIDB-4-10.0-20170307-FD (both from SDG 440-179022-1), samples RIDB-20-30.0-20170308 and RIDB-20-30.0-20170308-FD (both from SDG 440-179153-1), samples RIDB-2-20.0-20170309 and RIDB-2-20.0-20170309-FD (both from SDG 440-179280-1), samples RIDB-17-30.0-20170309 and RIDB-17-30.0-20170309-FD (both from SDG 440-179280-1), samples RIDB-5-5.0-20170311 and RIDB-5-5.0-20170311-FD (both from SDG 440-179456-1), samples RIDB-7-0.5-20170312 and RIDB-7-0.5-20170312-FD (both from SDG 440-179456-1), samples RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD (both from SDG 440-179637-1), samples RIDB-28-10.0-20170323 and RIDB-28-10.0-20170323-FD (both from SDG 440-180439-1), samples RIDB-22-1.0-20170327 and RIDB-22-1.0-20170327-FD (both from SDG 440-180696-1), samples RI-7-20.0-20170408 and RI-7-20.0-20170408-FD (both from SDG 440-181716-1), samples RI-8-10.0-20170422 and RI-8-10.0-20170422-FD (both from SDG 440-182829-1), samples RI-12-30.0-20170503 and RI-12-30.0-20170503-FD (both from SDG 440-183574-1), samples RI-26-5.0-20170616 and RI-26-5.0-20170616-FD (both from SDG 440-186720-1) and samples RI-4-30.0-20170630 and RI-4-30.0-20170630-FD (both from SDG 440-187594-1) were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-6-5.0-20170225**	RIDB-6-5.0-20170225-FD**			
440-178302-3	Hexachlorobenzene	0.21	0.17	21 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-4-10.0-20170307	RIDB-4-10.0-20170307-FD			
440-179022-1	Bis(2-ethylhexyl)phthalate	0.48	0.45U	200 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-22-1.0-20170327	RIDB-22-1.0-20170327-FD			
440-180696-1	Hexachlorobenzene	0.096	0.13	30 (≤50)	-	-

NQ = No data were qualified when either the primary or duplicate result was not detected or was below the practical quantitation limit (PQL).

XI. Internal Standards

All internal standard areas and retention times were within QC limits.

Internal standard data were not reviewed for Stage 2A validation.

XII. Compound Quantitation

All compound quantitations met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XIII. Target Compound Identifications

All target compound identifications met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XIV. System Performance

The system performance was acceptable for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method.

Due to MS/MSD and LCS %R, data were rejected in twenty seven samples.

Due to ICV and continuing calibration %D, and MS/MSD %R, data were qualified as estimated in two hundred fifty five.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be rejected (R) are unusable for all purposes. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

**Indicates samples underwent Stage 4 validation

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Semivolatiles - Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-3, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179637-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-18200-1, 440-181297-1, 440-181420-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-182494-1, 440-182498-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182943-1, 440-183424-1, 440-183426-1, 440-183574-1, 440-183702-1, 440-184723-1, 440-184858-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186517-1, 440-186634-1, 440-186720-1, 440-186786-1, 440-187533-1, 440-187589-1, 440-187594-1

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-177826-1	RIDB-8-30.0-20170222-FD M-5D-52.0-20170222	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-177826-1	RIDB-9-1.0-20170222	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-177826-1	RIDB-9-5.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-178027-1	RIDB-14-1.0-20170223** RIDB-14-5.0-20170223** RIDB-14-20.0-20170223** RIDB-9-10.0-20170223** RIDB-9-20.0-20170223**	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-178027-1	RIDB-9-30.0-20170223**	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-178172-1	RIDB-13-1.0-20170224 RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-14-30.0-20170223	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-178172-1	RIDB-10-1.0-20170223 RIDB-10-30.0-20170224	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-178302-3	RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226** RIDB-6-40.0-20170226** RIDB-6-50.0-20170226** RIDB-6-60.0-20170226**	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179022-1	RIDB-4-40.0-20170307	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179022-1	RIDB-4-0.5-20170306 RIDB-4-5.0-20170307 RIDB-4-10.0-20170307 RIDB-4-10.0-20170307-FD RIDB-4-20.0-20170307 RIDB-4-30.0-20170307 RIDB-4-50.0-20170307 RIDB-4-60.0-20170307 RIDB-20-1.0-20170307	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179153-1	RIDB-1-0.5-20170308	Hexachlorocyclopentadiene	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179153-1	RIDB-1-10.0-20170308 RIDB-1-20.0-20170308 RIDB-1-30.0-20170308 RIDB-20-5.0-20170307 RIDB-20-10.0-20170308 RIDB-20-20.0-20170308 RIDB-20-30.0-20170308 RIDB-20-30.0-20170308-FD	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179280-1	RIDB-2-10.0-20170309 RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309-FD	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179280-1	RIDB-2-0.5-20170309 RIDB-17-30.0-20170309	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179280-1	RIDB-2-5.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-17-40.0-20170309 RIDB-17-50.0-20170309	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-179419-1	RIDB-3-0.5-20170310 RIDB-3-5.0-20170310 RIDB-3-10.0-20170310 RIDB-3-20.0-20170310 RIDB-3-30.0-20170310 RIDB-15-1.0-20170310 RIDB-15-5.0-20170310 RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179456-1	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179456-1	RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179637-1	RIDB-18-1.0-20170314 RIDB-18-5.0-20170314 RIDB-18-10.0-20170314 RIDB-18-20.0-20170314 RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180101-1	RIDB-19-1.0-20170320** RIDB-19-5.0-20170320** RIDB-19-10.0-20170320** RIDB-19-20.0-20170320** RIDB-19-30.0-20170320** RIDB-11-1.0-20170320** RIDB-11-5.0-20170320** RIDB-11-10.0-20170320**	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180193-1	RIDB-11-20.0-20170320 RIDB-11-30.0-20170321 RIDB-27-1.0-20170321	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180331-1	RIDB-12-5.0-20170321 RIDB-12-10.0-20170322 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321 RIDB-27-20.0-20170321	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180331-1	RIDB-27-30.0-20170321	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-180439-1	RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-25-1.0-20170323	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180439-1	RIDB-28-1.0-20170322 RIDB-25-20.0-20170323	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180439-1	RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-30.0-20170323	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180593-1	RIDB-24-1.0-20170323 RIDB-24-5.0-20170323 RIDB-24-10.0-20170324 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-26-1.0-20170324 RIDB-26-5.0-20170324 RIDB-26-10.0-20170324 RIDB-26-20.0-20170324 RIDB-26-30.0-20170324	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180696-1	RIDB-22-1.0-20170327	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180696-1	RIDB-22-1.0-20170327-FD RIDB-22-5.0-20170327 RIDB-22-10.0-20170327 RIDB-22-20.0-20170327 RIDB-22-30.0-20170327	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180819-1	RIDB-21-1.0-20170328	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180819-1	RIDB-21-5.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181200-1	RIDB-23-1.0-20170403 RIDB-23-5.0-20170403 RIDB-23-10.0-20170403 RIDB-23-20.0-20170403	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181297-1	RIDB-23-30.0-20170404	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181420-1	RI-5-10.0-20170405** RI-5-20.0-20170405** RI-5-30.0-20170405**	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181420-1	RI-5-5.0-20170404**	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-181661-1	RI-9-5.0-20170407	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181716-1	RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181722-1	RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181745-1	RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181749-1	RI-10-20.0-20170410	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181749-1	RI-10-30.0-20170410	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-182494-1	RI-24-1.0-20170418	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-182494-1	RI-24-5.0-20170418 RI-24-10.0-20170418 RI-24-20.0-20170418 RI-24-30.0-20170418 RI-24-40.0-20170418	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-182498-1	RI-25-1.0-20170417 RI-25-5.0-20170417 RI-25-10.0-20170418 RI-25-20.0-20170418 RI-25-30.0-20170418 RI-25-40.0-20170418	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-182804-1	RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-182829-1	RI-8-5.0-20170422 RI-8-10.0-20170422 RI-8-10.0-20170422-FD RI-8-30.0-20170422	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-182886-1	RI-1-5.0-20170424 RI-1-10.0-20170424 RI-1-20.0-20170424 RI-1-30.0-20170424	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-182943-1	RI-2-5.0-20170425 RI-2-10.0-20170425 RI-2-20.0-20170425 RI-2-30.0-20170425	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-183424-1	RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-183426-1	RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-183574-1	RI-12-5.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-183702-1	RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-184723-1	RI-23-2.0-20170517 RI-23-5.0-20170517 RI-23-10.0-20170517	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-184858-1	RI-6-5.0-20170518** RI-6-10.0-20170518** RI-27-1.0-20170519** RI-27-5.0-20170519** RI-27-10.0-20170519** RI-27-20.0-20170519** RI-27-30.0-20170519** RI-27-40.0-20170519** RIDB-29-1.0-20170519** RIDB-29-5.0-20170519** RIDB-29-10.0-20170519**	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-184950-1	RIDB-29-20.0-20170522 RIDB-29-30.0-20170522	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-185476-1	RI-23-20.0-20170530 RI-23-30.0-20170530 RI-23-40.0-20170530	Benzidine	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-177826-1	RIDB-8-30.0-20170222-FD	4-Nitrophenol	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-177826-1	M-5D-52.0-20170222	2-Nitroaniline 4-Nitrophenol Benzidine	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-178027-1	RIDB-9-10.0-20170223**	Hexachlorocyclopentadiene 4-Nitrophenol	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-178027-1	RIDB-14-5.0-20170223**	Hexachlorocyclopentadiene 2-Nitroaniline 4-Nitrophenol	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-178027-1	RIDB-14-1.0-20170223** RIDB-14-10.0-20170223** RIDB-14-20.0-20170223** RIDB-9-20.0-20170223**	2-Nitroaniline 4-Nitrophenol	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-178027-1	RIDB-14-1.0-20170223** RIDB-14-20.0-20170223** RIDB-9-20.0-20170223**	Benzidine	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-178172-1	RIDB-10-5.0-20170223 RIDB-13-1.0-20170224 RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-14-30.0-20170223	2-Nitroaniline 4-Nitrophenol	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-178172-1	RIDB-13-1.0-20170224 RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-14-30.0-20170223	Benzidine	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-178302-3	RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226** RIDB-6-40.0-20170226** RIDB-6-50.0-20170226** RIDB-6-60.0-20170226**	4-Nitrophenol	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-178302-3	RIDB-6-0.5-20170225**	Hexachlorocyclopentadiene 2-Nitroaniline 4-Nitrophenol	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-179022-1	RIDB-4-40.0-20170307	Benzyl alcohol 4-Nitrophenol Diethylphthalate Benzidine	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-179153-1	RIDB-1-5.0-20170308	4-Nitrophenol	UJ (all non-detects)	A	Continuing calibration (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-179280-1	RIDB-2-10.0-20170309 RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309-FD	Hexachlorocyclopentadiene 4-Nitrophenol	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-179456-1	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311	4-Nitrophenol	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180331-1	RIDB-12-1.0-20170321 RIDB-12-5.0-20170321 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322	4-Nitrophenol	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180331-1	RIDB-12-10.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321 RIDB-27-20.0-20170321	Hexachlorocyclopentadiene 4-Nitrophenol	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180439-1	RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-20.0-20170323	4-Nitrophenol	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180439-1	RIDB-28-10.0-20170323-FD RIDB-28-30.0-20170323 RIDB-25-1.0-20170323	Hexachlorocyclopentadiene 4-Nitrophenol	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180439-1	RIDB-28-1.0-20170322	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180439-1	RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-30.0-20170323	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180439-1	RIDB-25-20.0-20170323	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180593-1	RIDB-24-1.020170323 RIDB-24-5.0-20170323 RIDB-24-10.0-20170324 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-26-1.0-20170324 RIDB-26-5.0-20170324 RIDB-26-10.0-20170324 RIDB-26-20.0-20170324 RIDB-26-30.0-20170324	4-Nitrophenol	UJ (all non-detects)	A	Continuing calibration (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-180696-1	RIDB-22-1.0-20170327 RIDB-22-1.0-20170327-FD RIDB-22-5.0-20170327 RIDB-22-10.0-20170327 RIDB-22-20.0-20170327 RIDB-22-30.0-20170327	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180819-1	RIDB-21-1.0-20170328	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180819-1	RIDB-21-5.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328	Hexachlorocyclopentadiene Benzidine	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181200-1	RIDB-23-1.0-20170403 RIDB-23-5.0-20170403 RIDB-23-10.0-20170403 RIDB-23-20.0-20170403	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181420-1	RI-5-10.0-20170405**	Hexachlorocyclopentadiene 4-Nitrophenol	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181420-1	RI-5-20.0-20170405** RI-5-30.0-20170405**	Hexachlorocyclopentadiene 4-Nitrophenol	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181661-1	RI-9-5.0-20170407	Benzidine	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-181716-1	RI-7-5.0-20170408	Hexachlorocyclopentadiene 4-Nitrophenol	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-182494-1	RI-24-1.0-20170418 RI-24-5.0-20170418 RI-24-10.0-20170418 RI-24-20.0-20170418 RI-24-30.0-20170418	Pyridine Hexachlorocyclopentadiene	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-182498-1	RI-25-10.0-20170418 RI-25-20.0-20170418 RI-25-30.0-20170418 RI-25-40.0-20170418	Pyridine Hexachlorocyclopentadiene	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-183424-1	RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502	Benzyl alcohol	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-183426-1	RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502	Benzyl alcohol	UJ (all non-detects)	A	Continuing calibration (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-183426-1	RIDB-16-1.0-20170501 RIDB-16-5.0-20170502	3-Nitroaniline	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-183574-1	RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD	4-Nitrophenol	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-183702-1	RI-22-1.0-20170504	Benzyl alcohol	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-183702-1	RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504	3-Nitroaniline	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-184723-1	RI-23-2.0-20170517 RI-23-5.0-20170517 RI-23-10.0-20170517	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-184858-1	RI-6-5.0-20170518** RI-6-10.0-20170518** RI-27-1.0-20170519**	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-184858-1	RI-27-5.0-20170519** RI-27-10.0-20170519** RI-27-20.0-20170519** RI-27-30.0-20170519** RI-27-40.0-20170519** RIDB-29-1.0-20170519** RIDB-29-5.0-20170519** RIDB-29-10.0-20170519**	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-184950-1	RIDB-29-20.0-20170522 RIDB-29-30.0-20170522	Benzidine	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-187533-1	RI-3-5.0-20170629	Hexachlorocyclopentadiene	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-177826-1	RIDB-9-1.0-20170222	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-177826-1	M-5D-52.0-20170222	Benzoic acid Hexachlorocyclopentadiene	R (all non-detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-177826-1	M-5D-52.0-20170222	Anthracene Benzo(a)anthracene Bis(2-ethylhexyl)phthalate Chrysene Diethylphthalate Di-n-butylphthalate 2,4-Dinitrophenol Di-n-octylphthalate Fluoranthene Hexachlorobenzene 4-Nitrophenol Pyridine	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178027-1	RIDB-14-10.0-20170223**	Benzidine Benzoic acid	R (all non-detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178027-1	RIDB-14-10.0-20170223**	2,4-Dinitrophenol	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178172-1	RIDB-10-5.0-20170223	Benzidine Benzoic acid	R (all non-detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178302-3	RIDB-6-20.0-20170226**	Benzoic acid	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179022-1	RIDB-4-40.0-20170307	Benzoic acid	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179153-1	RIDB-1-0.5-20170308	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-1	RIDB-2-0.5-20170309	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-1	RIDB-2-0.5-20170309	Benzoic acid	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-1	RIDB-17-30.0-20170309	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-1	RIDB-17-30.0-20170309	Benzoic acid	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179456-1	RIDB-5-0.5-20170311	Benzoic acid	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180331-1	RIDB-12-1.0-20170321	Anthracene 4-Chloro-3-methylphenol Diethylphthalate 2,4-Dimethylphenol Di-n-butylphthalate 3&4-Methylphenol	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-180331-1	RIDB-12-1.0-20170321	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180331-1	RIDB-27-30.0-20170321	Benzidine Benzoic acid	R (all non-detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180331-1	RIDB-27-30.0-20170321	2,4-Dinitrophenol	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180439-1	RIDB-28-1.0-20170322	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180439-1	RIDB-28-1.0-20170322	Benzoic acid	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180439-1	RIDB-25-20.0-20170323	Benzoic acid Benzyl alcohol 2,4-Dinitrophenol Benzidine	R (all non-detects) R (all non-detects) R (all non-detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180819-1	RIDB-21-1.0-20170328	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181297-1	RIDB-23-30.0-20170404	Benzoic acid	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181420-1	RI-5-5.0-20170404**	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181716-1	RI-7-5.0-20170408	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181749-1	RI-10-20.0-20170410	Benzidine Benzyl alcohol	R (all non-detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181749-1	RI-10-20.0-20170410	Benzoic acid	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182494-1	RI-24-1.0-20170418	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182829-1	RI-8-20.0-20170422	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182829-1	RI-8-20.0-20170422	Benzoic acid	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183574-1	RI-12-10.0-20170503	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-183574-1	RI-12-10.0-20170503	Benzoic acid	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183702-1	RI-22-1.0-20170504	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183702-1	RI-22-1.0-20170504	3,3'-Dichlorobenzidine	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-185476-1	RI-23-20.0-20170530	Benzoic acid	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-185476-1	RI-23-20.0-20170530	2,4-Dinitrophenol	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186351-1	RI-17-5.0-20170612	Benzidine Benzyl alcohol	R (all non-detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186351-1	RI-17-5.0-20170612	Benzoic acid 3,3'-Dichlorobenzidine 2,4-Dinitrophenol	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186517-1	RI-28-40.0-20170614	Benzidine Benzoic acid	R (all non-detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186517-1	RI-28-40.0-20170614	2,4-Dinitrophenol	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186786-1	RI-26-30.0-20170616	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186786-1	RI-26-30.0-20170616	Benzoic acid 2,4-Dinitrophenol Benzyl alcohol	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187533-1	RI-3-5.0-20170629	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187533-1	RI-3-5.0-20170629	Benzoic acid	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187589-1	RI-4-5.0-20170630	Benzidine	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187589-1	RI-4-5.0-20170630	Benzyl alcohol	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179153-1	RIDB-1-30.0-20170308-EB	Benzidine	R (all non-detects)	P	Laboratory control samples (%R) (l)

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Semivolatiles - Laboratory Blank Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-3, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179637-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-18200-1, 440-181297-1, 440-181420-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-182494-1, 440-182498-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182943-1, 440-183424-1, 440-183426-1, 440-183574-1, 440-183702-1, 440-184723-1, 440-184858-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186517-1, 440-186634-1, 440-186720-1, 440-186786-1, 440-187533-1, 440-187589-1, 440-187594-1

No Sample Data Qualified in these SDGs

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Semivolatiles - Field Blank Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-3, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179637-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-18200-1, 440-181297-1, 440-181420-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-182494-1, 440-182498-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182943-1, 440-183424-1, 440-183426-1, 440-183574-1, 440-183702-1, 440-184723-1, 440-184858-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186517-1, 440-186634-1, 440-186720-1, 440-186786-1, 440-187533-1, 440-187589-1, 440-187594-1

No Sample Data Qualified in these SDGs

ATTACHMENT D
PAH DVR

Polynuclear Aromatic Hydrocarbons (PAHs) by Environmental Protection Agency (EPA) SW 846 Method 8270C in Selected Ion Monitoring (SIM) mode

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC/MS Instrument Performance Check

A decafluorotriphenylphosphine (DFTPP) tune was performed at 12 hour intervals.

All ion abundance requirements were met.

Instrument performance check data were not reviewed for Stage 2A validation.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For compounds where average relative response factors (RRFs) were utilized, percent relative standard deviations (%RSD) were less than or equal to 15.0%.

In the case where the laboratory used a calibration curve to evaluate the compounds, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all compounds were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all compounds with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-177826-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-177826-1	UJ (all non-detects)	A
440-178027-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-178027-1	J- (all detects) UJ (all non-detects)	A
440-178172-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-178172-1	UJ (all non-detects)	A
440-178302-3	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-178302-3	UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-179022-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-179022-1	UJ (all non-detects)	A
440-179153-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All soil samples in SDG 440-179153-1	UJ (all non-detects)	A
440-179280-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-179280-1	UJ (all non-detects)	A
440-179419-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-179419-1	UJ (all non-detects)	A
440-17956-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-17956-1	UJ (all non-detects)	A
440-179637-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-179637-1	UJ (all non-detects)	A
440-180101-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-180101-1	UJ (all non-detects)	A
440-180193-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-180193-1	UJ (all non-detects)	A
440-180331-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-180331-1	J- (all detects) UJ (all non-detects)	A
440-180439-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-180439-1	J- (all detects) UJ (all non-detects)	A
440-180593-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-180593-1	UJ (all non-detects)	A
440-180696-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-180696-1	UJ (all non-detects)	A
440-180819-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-180819-1	UJ (all non-detects)	A
440-181200-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-181200-1	UJ (all non-detects)	A
440-181297-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-181297-1	UJ (all non-detects)	A
440-181420-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-181420-1	UJ (all non-detects)	A
440-181661-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-181661-1	UJ (all non-detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-181716-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-181716-1	UJ (all non-detects)	A
440-181722-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-181722-1	J- (all detects) UJ (all non-detects)	A
440-181745-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-181745-1	UJ (all non-detects)	A
440-181749-1	02/27/17 (J022710)	Indeno(1,2,3-cd)pyrene	20.1	All samples in SDG 440-181749-1	UJ (all non-detects)	A

Initial calibration data were not reviewed for Stage 2A validation.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 20.0% for all compounds.

All of the continuing calibration relative response factors (RRF) were within validation criteria.

Continuing calibration data were not reviewed for Stage 2A validation.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Samples RIDB-10-10.0-20170224-EB* (from SDG 440-178097-1), RIDB-1-30.0-20170308-EB* (from SDG 440-179153-1), and RIDB-18-10.0-20170314-EB* (from SDG 440-179637-1) were identified as equipment blanks. No contaminants were found.

VII. Surrogates

Surrogates were added to all samples as required by the method. Surrogate recoveries (%R) were not within QC limits for samples RIDB-13-30.0-20170224 (from SDG 440-178172-1), RIDB-27-10.0-20170321 (from SDG 440-180331-1), RI-25-20.0-20170418 (from SDG 440-182498-1) and RI-11-20.0-20170615** (from SDG 440-186634-1). Using professional judgment, no data were qualified when one surrogate %R was outside the QC limits and the %R was greater than or equal to 10%.

VIII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-183702-1	RI-22-1.0-20170504MS/MSD (RI-22-1.0-20170504)	Benzo(b)fluoranthene Chrysene	153 (45-125) 121 (55-120)	- -	J+ (all detects) J+ (all detects)	A
440-186517-1	RI-28-1.0-20170614MS/MSD (RI-28-1.0-20170614)	Phenanthrene Dibenzo(a,h)anthracene	21 (50-120) -	-7 (50-120) -51 (25-135)	J- (all detects) J- (all detects)	A

Relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	RPD (Limits)	Flag	A or P
440-183702-1	RI-22-1.0-20170504MS/MSD (RI-22-1.0-20170504)	Benzo(b)fluoranthene Chrysene	32 (≤30) 26 (≤25)	J (all detects) J (all detects)	A
440-186517-1	RI-28-1.0-20170614MS/MSD (RI-28-1.0-20170614)	Dibenzo(a,h)anthracene	35 (≤30)	J (all detects)	A

IX. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

X. Field Duplicates

Samples RIDB-8-30.0-20170222 and RIDB-8-30.0-20170222-FD (both from SDG 440-177826-1), samples RIDB-13-30.0-20170224 and RIDB-13-30.0-20170224-FD (both from SDG 440-178172-1), samples RIDB-6-5.0-20170225** and RIDB-6-5.0-20170225-FD** (both from SDG 440-178302-3), samples RIDB-4-10.0-20170307 and RIDB-4-10.0-20170307-FD (both from SDG 440-179022-1), samples RIDB-20-30.0-20170308 and RIDB-20-30.0-20170308-FD (both from SDG 440-179153-1), samples RIDB-2-20.0-20170309 and RIDB-2-20.0-20170309-FD (both from 440-179280-1), samples RIDB-17-30.0-20170309 and RIDB-17-30.0-20170309-FD (both from 440-179280-1), samples RIDB-5-5.0-20170311 and RIDB-5-5.0-20170311-FD (both from SDG 440-179456-1), samples RIDB-7-0.5-20170312 and RIDB-7-0.5-20170312-FD (both from SDG 440-179456-1), samples RIDB-18-30.0-20170314 and RIDB-18-30.0-20170314-FD (both from SDG 440-179637-1), samples RIDB-28-10.0-20170323 and RIDB-28-10.0-20170323-FD (both from SDG 440-180439-1), samples RIDB-22-1.0-20170327 and RIDB-22-1.0-20170327-FD (both from SDG 440-180696-1), samples RI-7-20.0-20170408 and RI-7-20.0-20170408-FD (both from SDG 440-181716-1), samples RI-8-10.0-20170422 and RI-8-10.0-20170422-FD (both from SDG 440-182829-1), samples

RI-12-30.0-20170503 and RI-12-30.0-20170503-FD (both from SDG 440-183574-1), samples RI-26-5.0-20170616 and RI-26-5.0-20170616-FD (both from SDG 440-186720-1) and samples RI-4-30.0-20170630 and RI-4-30.0-20170630-FD (both from SDG 440-187594-1) were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-18-30.0-20170314	RIDB-18-30.0-20170314-FD			
440-179637-1	Naphthalene	0.099U	0.027	200 (≤50)	NQ	-

NQ = No data were qualified when either the primary or duplicate result was not detected or was below the practical quantitation limit (PQL).

XI. Internal Standards

All internal standard areas and retention times were within QC limits.
Internal standard data were not reviewed for Stage 2A validation.

XII. Compound Quantitation

All compound quantitations met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XIII. Target Compound Identifications

All target compound identifications met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XIV. System Performance

The system performance was acceptable for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in these SDGs.

Due to ICV %D and MS/MSD %R and RPD, data were qualified as estimated in one hundred eighty samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Polynuclear Aromatic Hydrocarbons - Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-3, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179637-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-182494-1, 440-182498-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182943-1, 440-183424-1, 440-183426-1, 440-183574-1, 440-183702-1, 440-184723-1, 440-184858-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186517-1, 440-186634-1, 440-186720-1, 440-186786-1, 440-187533-1, 440-187589-1, 440-187594-1

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-177826-1	RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222 RIDB-8-30.0-20170222-FD M-5D-52.0-20170222	Indeno(1,2,3-cd)pyrene	J- (all detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-178027-1	RIDB-14-1.0-20170223 RIDB-14-5.0-20170223 RIDB-14-10.0-20170223 RIDB-14-20.0-20170223 RIDB-9-10.0-20170223 RIDB-9-20.0-20170223 RIDB-9-30.0-20170223	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-178172-1	RIDB-10-5.0-20170223 RIDB-13-1.0-20170224 RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-14-30.0-20170224 RIDB-10-1.0-20170223 RIDB-10-30.0-20170224	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-178302-3	RIDB-6-0.5-20170225 RIDB-6-5.0-20170225 RIDB-6-5.0-20170225-FD RIDB-6-10.0-20170226 RIDB-6-20.0-20170226 RIDB-6-30.0-20170226 RIDB-6-40.0-20170226 RIDB-6-50.0-20170226 RIDB-6-60.0-20170226	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-179022-1	RIDB-4-0.5-20170306 RIDB-4-5.0-20170307 RIDB-4-10.0-20170307 RIDB-4-10.0-20170307-FD RIDB-4-20.0-20170307 RIDB-4-30.0-20170307 RIDB-20-1.0-20170307	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179153-1	RIDB-1-0.5-20170308 RIDB-1-5.0-20170308 RIDB-1-10.0-20170308 RIDB-1-20.0-20170308 RIDB-1-30.0-20170308 RIDB-1-30.0-20170308-EB RIDB-20-5.0-20170308 RIDB-20-10.0-20170308 RIDB-20-20.0-20170308 RIDB-20-30.0-20170308 RIDB-20-30.0-20170308-FD	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179280-1	RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179419-1	RIDB-3-0.5-20170310 RIDB-3-5.0-20170310 RIDB-3-10.0-20170310 RIDB-3-20.0-20170310 RIDB-3-30.0-20170310 RIDB-15-1.0-20170310 RIDB-15-5.0-20170310 RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-179456-1	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-179637-1	RIDB-18-1.0-20170314 RIDB-18-5.0-20170314 RIDB-18-10.0-20170314 RIDB-18-10.0-20170314-EB RIDB-18-20.0-20170314 RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180101-1	RIDB-19-1.0-20170320** RIDB-19-5.0-20170320** RIDB-19-10.0-20170320** RIDB-19-20.0-20170320** RIDB-19-30.0-20170320** RIDB-11-1.0-20170320** RIDB-11-5.0-20170320** RIDB-11-10.0-20170320**	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180193-1	RIDB-11-20.0-20170320 RIDB-11-30.0-20170321 RIDB-27-1.0-20170321	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180331-1	RIDB-12-1.0-20170321 RIDB-12-5.0-20170321 RIDB-12-10.0-20170322 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321 RIDB-27-20.0-20170321 RIDB-27-30.0-20170321	Indeno(1,2,3-cd)pyrene	J- (all detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180439-1	RIDB-28-1.0-20170322 RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-25-1.0-20170323 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-20.0-20170323 RIDB-25-30.0-20170323	Indeno(1,2,3-cd)pyrene	J- (all detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180593-1	RIDB-24-1.020170323 RIDB-24-5.0-20170323 RIDB-24-10.0-20170324 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-26-1.0-20170324 RIDB-26-5.0-20170324 RIDB-26-10.0-20170324 RIDB-26-20.0-20170324 RIDB-26-30.0-20170324	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-180696-1	RIDB-22-1.0-20170327 RIDB-22-1.0-20170327-FD RIDB-22-5.0-20170327 RIDB-22-10.0-20170327 RIDB-22-20.0-20170327 RIDB-22-30.0-20170327	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)

**Indicates samples underwent Stage 4 validation

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-180819-1	RIDB-21-1.0-20170328 RIDB-21-5.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181200-1	RIDB-23-1.0-20170403 RIDB-23-5.0-20170403 RIDB-23-10.0-20170403 RIDB-23-20.0-20170403	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181297-1	RIDB-23-30.0-20170404	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181420-1	RI-5-5.0-20170404** RI-5-10.0-20170405** RI-5-20.0-20170405** RI-5-30.0-20170405**	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181661-1	RI-9-5.0-20170407	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181716-1	RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181722-1	RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409	Indeno(1,2,3-cd)pyrene	J- (all detects) UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181745-1	RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-181749-1	RI-10-20.0-20170410 RI-10-30.0-20170410	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration verification (%D) (c)
440-183702-1	RI-22-1.0-20170504	Benzo(b)fluoranthene Chrysene	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186517-1	RI-28-1.0-20170614	Phenanthrene Dibenzo(a,h)anthracene	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183702-1	RI-22-1.0-20170504	Benzo(b)fluoranthene Chrysene	J (all detects) J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-186517-1	RI-28-1.0-20170614	Dibenzo(a,h)anthracene	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)

**Indicates samples underwent Stage 4 validation

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Polynuclear Aromatic Hydrocarbons - Laboratory Blank Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-3, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179637-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-182494-1, 440-182498-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182943-1, 440-183424-1, 440-183426-1, 440-183574-1, 440-183702-1, 440-184723-1, 440-184858-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186517-1, 440-186634-1, 440-186720-1, 440-186786-1, 440-187533-1, 440-187589-1, 440-187594-1

No Sample Data Qualified in these SDGs

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Polynuclear Aromatic Hydrocarbons - Field Blank Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-3, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179637-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-182494-1, 440-182498-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182943-1, 440-183424-1, 440-183426-1, 440-183574-1, 440-183702-1, 440-184723-1, 440-184858-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186517-1, 440-186634-1, 440-186720-1, 440-186786-1, 440-187533-1, 440-187589-1, 440-187594-1

No Sample Data Qualified in these SDGs

ATTACHMENT E
Chlorinated Pesticides DVR

Chlorinated Pesticides by Environmental Protection Agency (EPA) SW 846 Method 8081A

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

The individual 4,4'-DDT and Endrin breakdowns (%BD) were less than or equal to 15.0%.

Instrument performance check data were not reviewed for Stage 2A validation.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For compounds where average calibration factors were utilized, percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the compounds, all coefficients of determination (r^2) were greater than or equal to 0.990.

Retention time windows were established as required by the method for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all compounds.

Initial calibration data were not reviewed for Stage 2A validation.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) were less than or equal to 20.0% for all compounds with the following exceptions:

SDG	Date	Standard	Column	Compound	%D	Associated Samples	Flag	A or P
440-177826-1	03/09/17	C09_007	CLP 2	4,4'-DDE	24.7	RIDB-8-1.0-20170222	J- (all detects)	A

SDG	Date	Standard	Column	Compound	%D	Associated Samples	Flag	A or P
440-178302-3	03/09/17	C09_007	CLP 2	4,4'-DDE 4,4'-DDD	24.7 21.1	RIDB-6-0.5-20170225**	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
440-179153-1	03/17/17	C16_027	CLP 2	Methoxychlor	20.4	RIDB-1-0.5-20170308 RIDB-1-5.0-20170308	UJ (all non-detects)	A
440-179153-1	03/23/17	C23_007	CLP 1	Methoxychlor	37.2	RIDB-1-10.0-20170308	UJ (all non-detects)	A
440-179280-1	03/17/17	C16_027	CLP 2	Methoxychlor	20.4	RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309	UJ (all non-detects)	A
440-178302-3	03/09/17	C09_007	CLP 1	gamma-BHC Aldrin	32.35 39.85	RIDB-6-0.5-20170225**	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
440-180331-1	03/24/17	C23_041	CLP 1	Methoxychlor	41.0	All samples in SDG 440-180331-1	UJ (all non-detects)	A

Retention times in the calibration standards were within the established retention time windows for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

Continuing calibration data were not reviewed for Stage 2A validation.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Samples RIDB-10-10.0-20170224-EB* (from SDG 440-178097-1), RIDB-1-30.0-20170308-EB* (from SDG 440-179153-1), and RIDB-18-10.0-20170314-EB* (from SDG 440-179637-1) were identified as equipment blanks. No contaminants were found.

VII. Surrogates/Internal Standards

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

**Indicates samples underwent Stage 4 validation

SDG	Sample	Surrogate	%R (Limits)	Affected Compound	Flag	A or P
440-177826-1	RIDB-8-1.0-20170222	Decachlorobiphenyl	212 (45-120)	All compounds except beta-BHC 2,4'-DDE 4,4'-DDE 4,4'-DDT	J+ (all detects)	P
440-178172-1	RIDB-13-5.0-20170224	Decachlorobiphenyl	1591 (45-120)	All compounds	J+ (all detects)	P
440-178302-3	RIDB-6-0.5-20170225**	Decachlorobiphenyl	164 (45-120)	All compounds	J+ (all detects)	P
440-179022-1	RIDB-20-1.0-20170307	Decachlorobiphenyl	150 (45-120)	All compounds	J+ (all detects)	P
440-179153-1	RIDB-1-20.0-20170308	Decachlorobiphenyl	43 (45-120)	All compounds	UJ (all non-detects)	P
440-179419-1	RIDB-3-0.5-20170310	Tetrachloro-m-xylene	34 (35-115)	All compounds	UJ (all non-detects)	A
440-179419-1	RIDB-3-10.0-20170310	Decachlorobiphenyl	44 (45-120)	All compounds	UJ (all non-detects)	P
440-179419-1	RIDB-3-20.0-20170310	Decachlorobiphenyl	36 (45-120)	All compounds	UJ (all non-detects)	P
440-180439-1	RIDB-25-1.0-20170323	Tetrachloro-m-xylene Decachlorobiphenyl	279 (35-115) 4087 (45-120)	All compounds except 4,4'-DDD	J+ (all detects)	A
440-180593-1	RIDB-26-30.0-20170324	Tetrachloro-m-xylene Decachlorobiphenyl	34 (35-115) 32 (45-120)	All compounds	UJ (all non-detects)	A
440-180819-1	RIDB-21-1.0-20170328	Decachlorobiphenyl	149 (45-120)	All compounds	J+ (all detects)	A
440-181200-1	RIDB-23-5.0-20170403	Tetrachloro-m-xylene Decachlorobiphneyl	32 (35-115) 40 (45-120)	All compounds	UJ (all non-detects)	P
440-181200-1	RIDB-23-10.0-20170403	Tetrachloro-m-xylene Decachlorobiphneyl	28 (35-115) 34 (45-120)	All compounds	UJ (all non-detects)	P
440-181200-1	RIDB-23-20.0-20170403	Decachlorobiphneyl	40 (45-120)	All compounds	UJ (all non-detects)	P
440-181749-1	RI-10-30.0-20170410	Decachlorobiphneyl Tetrachloro-m-xylene	36 (45-120) 31 (35-115)	All compounds	UJ (all non-detects)	P
440-182498-1	RI-25-1.0-20170417	Tetrachloro-m-xylene	29 (35-115)	All compounds	UJ (all non-detects)	P
440-182804-1	RI-21-10.0-20170422	Tetrachloro-m-xylene Decachlorobiphneyl	29 (35-115) 34 (45-120)	All compounds	UJ (all non-detects)	A
440-182804-1	RI-21-10.0-20170422RE	Decachlorobiphneyl	37 (45-120)	All compounds	UJ (all non-detects)	A
440-182804-1	RI-21-30.0-20170422	Tetrachloro-m-xylene Decachlorobiphneyl	32 (35-115) 38 (45-120)	All compounds	UJ (all non-detects)	A

**Indicates samples underwent Stage 4 validation

SDG	Sample	Surrogate	%R (Limits)	Affected Compound	Flag	A or P
440-182829-1	RI-8-30.0-20170422	Tetrachloro-m-xylene Decachlorobiphneyl	28 (35-115) 36 (45-120)	All compounds	UJ (all non-detects)	P
440-186517-1	RI-28-1.0-20170614	Decachlorobiphenyl	413 (45-120)	All compounds	J+ (all detects)	P
440-186517-1	RI-28-30.0-20170614	Decachlorobiphenyl	39 (45-120)	All compounds	UJ (all non-detects)	P

All internal standard areas and retention times were within QC limits.

Internal standard data were not reviewed for Stage 2A validation.

VIII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-179153-1	RIDB-1-10.0-20170308MS/MSD (RIDB-1-10.0-20170308)	alpha-BHC alpha-Chlordane delta-BHC Endosulfan II gamma-Chlordane Heptachlor epoxide	39 (40-115) 40 (50-115) 41 (45-120) 36 (40-125) 41 (50-115) 42 (45-115)	- 49 (50-115) - - - -	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-179280-1	RIDB-2-0.5-20170309MS/MSD (RIDB-2-0.5-20170309)	alpha-BHC alpha-Chlordane delta-BHC gamma-Chlordane	38 (40-115) 46 (50-115) 43 (45-120) 46 (50-115)	- 49 (50-115) - 49 (50-115)	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-179280-1	RIDB-17-30.0-20170309MS/MSD (RIDB-17-30.0-20170309)	Aldrin alpha-BHC alpha-Chlordane delta-BHC Endosulfan II gamma-Chlordane Heptachlor epoxide Methoxychlor Endosulfan sulfate Endrin ketone	39 (40-115) 37 (40-115) 43 (50-115) 38 (45-120) 36 (40-125) 43 (50-115) 43 (45-115) 38 (40-135) - -	39 (40-115) 37 (40-115) 42 (50-115) 37 (45-120) 34 (40-125) 43 (50-115) 42 (45-115) 37 (40-135) 44 (45-120) 38 (40-120)	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-179419-1	RIDB-3-0.5-20170310MS/MSD (RIDB-3-0.5-20170310)	alpha-Chlordane gamma-Chlordane alpha-BHC delta-BHC Heptachlor epoxide	48 (50-115) 49 (50-115) - - -	43 (50-115) 43 (50-115) 32 (40-115) 42 (45-120) 43 (45-115)	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-180331-1	RIDB-27-30.0-20170321MS/MSD (RIDB-27-30.0-20170321)	alpha-BHC	35 (40-115)	-	UJ (all non-detects)	A
		alpha-Chlordane	38 (50-115)	43 (50-115)	UJ (all non-detects)	
		beta-BHC	36 (40-120)	-	UJ (all non-detects)	
		4,4'-DDD	35 (40-130)	-	UJ (all non-detects)	
		delta-BHC	30 (45-120)	33 (45-120)	UJ (all non-detects)	
		Dieldrin	38 (40-125)	-	UJ (all non-detects)	
		Endosulfan I	32 (40-120)	-	UJ (all non-detects)	
		Endosulfan II	23 (40-125)	33 (40-125)	UJ (all non-detects)	
		Endosulfan sulfate	43 (45-120)	-	UJ (all non-detects)	
		Endrin	41 (45-125)	-	UJ (all non-detects)	
		Endrin aldehyde	25 (30-120)	-	UJ (all non-detects)	
		Endrin ketone	32 (40-120)	-	UJ (all non-detects)	
		gamma-BHC	37 (40-120)	-	UJ (all non-detects)	
		gamma-Chlordane	39 (50-115)	44 (50-115)	UJ (all non-detects)	
		Heptachlor	39 (40-115)	-	UJ (all non-detects)	
		Heptachlor epoxide	39 (45-115)	43 (45-115)	UJ (all non-detects)	
		Methoxychlor	35 (40-135)	-	UJ (all non-detects)	
440-180439-1	RIDB-28-1.0-20170322MS/MSD (RIDB-28-1.0-20170322)	Endosulfan II	37 (40-125)	39 (40-125)	UJ (all non-detects)	A
440-180593-1	RIDB-26-30.0-20170324MS/MSD (RIDB-26-30.0-20170324)	Aldrin	30 (40-115)	33 (40-115)	UJ (all non-detects)	A
		alpha-BHC	28 (40-115)	32 (40-115)	UJ (all non-detects)	
		alpha-Chlordane	31 (50-115)	34 (50-115)	UJ (all non-detects)	
		beta-BHC	32 (40-120)	36 (40-120)	UJ (all non-detects)	
		4,4'-DDD	31 (40-130)	35 (40-130)	UJ (all non-detects)	
		4,4'-DDE	31 (35-130)	34 (35-130)	UJ (all non-detects)	
		delta-BHC	29 (45-120)	33 (45-120)	UJ (all non-detects)	
		Dieldrin	32 (40-125)	35 (40-125)	UJ (all non-detects)	
		Endosulfan I	30 (40-120)	33 (40-120)	UJ (all non-detects)	
		Endosulfan II	22 (40-125)	24 (40-125)	UJ (all non-detects)	
		Endosulfan sulfate	33 (45-120)	37 (40-120)	UJ (all non-detects)	
		Endrin	34 (45-125)	37 (45-125)	UJ (all non-detects)	
		Endrin aldehyde	25 (30-120)	27 (30-120)	UJ (all non-detects)	
		Endrin ketone	30 (40-120)	35 (40-120)	UJ (all non-detects)	
		gamma-BHC	32 (40-120)	36 (40-120)	UJ (all non-detects)	
		gamma-Chlordane	32 (50-115)	35 (50-115)	UJ (all non-detects)	
		Heptachlor	32 (40-115)	36 (40-115)	UJ (all non-detects)	
		Heptachlor epoxide	32 (45-115)	36 (45-115)	UJ (all non-detects)	
		Methoxychlor	33 (40-135)	-	UJ (all non-detects)	
440-180593-1	RIDB-26-10.0-20170324MS/MSD (RIDB-26-10.0-20170324)	alpha-Chlordane	45 (50-115)	-	UJ (all non-detects)	A
		delta-BHC	41 (45-120)	-	UJ (all non-detects)	
		gamma-Chlordane	46 (50-115)	-	UJ (all non-detects)	

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-181749-1	RI-10-20.0-20170410MS/MSD (RI-10-20.0-20170410)	alpha-Chlordane	44 (50-115)	34 (50-115)	UJ (all non-detects)	A
		4,4'-DDD	39 (40-130)	23 (40-130)	UJ (all non-detects)	
		delta-BHC	31 (45-120)	21 (45-120)	UJ (all non-detects)	
		Endosulfan II	32 (40-125)	20 (40-125)	UJ (all non-detects)	
		Endrin ketone	39 (40-120)	23 (40-120)	UJ (all non-detects)	
		gamma-Chlordane	44 (50-115)	33 (50-115)	UJ (all non-detects)	
		Heptachlor	39 (40-115)	27 (40-115)	UJ (all non-detects)	
		Aldrin	-	34 (40-115)	UJ (all non-detects)	
		alpha-BHC	-	32 (40-115)	UJ (all non-detects)	
		beta-BHC	-	28 (40-120)	UJ (all non-detects)	
		4,4'-DDE	-	28 (35-130)	UJ (all non-detects)	
		4,4'-DDT	-	22 (35-130)	UJ (all non-detects)	
		Dieldrin	-	31 (40-125)	UJ (all non-detects)	
		Endosulfan I	-	28 (40-120)	UJ (all non-detects)	
		Endosulfan sulfate	-	38 (45-120)	UJ (all non-detects)	
		Endrin	-	32 (45-125)	UJ (all non-detects)	
		Endrin aldehyde	-	19 (30-120)	UJ (all non-detects)	
		gamma-BHC	-	32 (40-120)	UJ (all non-detects)	
		Heptachlor epoxide	-	34 (45-115)	UJ (all non-detects)	
		Methoxychlor	-	20 (40-135)	UJ (all non-detects)	
440-182494-1	RI-24-1.0-20170418MS/MSD (RI-24-1.0-20170418)	alpha-Chlordane	45 (50-115)	-	UJ (all non-detects)	A
		delta-BHC	44 (45-120)	-	UJ (all non-detects)	
		gamma-Chlordane	45 (50-115)	-	UJ (all non-detects)	
440-182804-1	RI-21-10.0-20170422MS/MSD (RI-21-10.0-20170422)	delta-BHC	35 (45-120)	26 (45-120)	UJ (all non-detects)	A
		Endosulfan I	37 (40-120)	30 (40-120)	UJ (all non-detects)	
		Endosulfan II	33 (40-125)	25 (40-125)	UJ (all non-detects)	
		alpha-BHC	-	35 (40-115)	UJ (all non-detects)	
		alpha-Chlordane	-	40 (50-115)	UJ (all non-detects)	
		Endosulfan sulfate	-	44 (45-120)	UJ (all non-detects)	
		Endrin	-	38 (45-125)	UJ (all non-detects)	
		Endrin aldehyde	-	27 (30-120)	UJ (all non-detects)	
		Endrin ketone	-	39 (40-120)	UJ (all non-detects)	
		gamma-BHC	-	36 (40-120)	UJ (all non-detects)	
		gamma-Chlordane	-	39 (50-115)	UJ (all non-detects)	
		Heptachlor	-	33 (40-115)	UJ (all non-detects)	
		Heptachlor epoxide	-	40 (45-115)	UJ (all non-detects)	
		Methoxychlor	-	37 (40-135)	UJ (all non-detects)	
440-183424-1	RI-13-5.0-20170502MS/MSD (RI-13-5.0-20170502)	alpha-Chlordane	47 (50-115)	42 (50-115)	UJ (all non-detects)	A
		gamma-Chlordane	47 (50-115)	42 (50-115)	UJ (all non-detects)	
		delta-BHC	-	44 (45-120)	UJ (all non-detects)	
440-184858-1	RI-6-5.0-20170518MS/MSD** (RI-6-5.0-20170518**)	Endrin aldehyde	24 (30-120)	-	UJ (all non-detects)	A
		gamma-Chlordane	49 (50-1150	-	UJ (all non-detects)	
440-186517-1	RI-28-1.0-20170614MS/MSD (RI-28-1.0-20170614)	Endosulfan II	37 (40-125)	38 (40-125)	UJ (all non-detects)	A
		Endrin	43 (45-125)	42 (45-125)	UJ (all non-detects)	
		gamma-Chlordane	42 (50-115)	40 (50-115)	UJ (all non-detects)	
		alpha-Chlordane	-	49 (50-115)	UJ (all non-detects)	

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-187589-1	RI-4-5.0-20170630MS/MSD (RI-4-5.0-20170630)	Aldrin	-	32 (40-115)	UJ (all non-detects)	A
		alpha-BHC	-	31 (40-115)	UJ (all non-detects)	
		alpha-Chlordane	-	34 (50-115)	UJ (all non-detects)	
		beta-BHC	-	32 (40-120)	UJ (all non-detects)	
		4,4'-DDD	-	35 (40-130)	UJ (all non-detects)	
		4,4'-DDE	-	34 (35-130)	UJ (all non-detects)	
		delta-BHC	-	32 (45-120)	UJ (all non-detects)	
		Dieldrin	-	35 (40-125)	UJ (all non-detects)	
		Endosulfan I	-	35 (40-120)	UJ (all non-detects)	
		Endosulfan II	-	34 (40-125)	UJ (all non-detects)	
		Endosulfan sulfate	-	34 (45-120)	UJ (all non-detects)	
		Endrin	-	35 (45-125)	UJ (all non-detects)	
		Endrin aldehyde	-	29 (30-120)	UJ (all non-detects)	
		Endrin ketone	-	35 (40-120)	UJ (all non-detects)	
		gamma-BHC	-	31 (40-120)	UJ (all non-detects)	
		gamma-Chlordane	-	34 (50-115)	UJ (all non-detects)	
		Heptachlor	-	33 (40-115)	UJ (all non-detects)	
		Heptachlor epoxide	-	34 (45-115)	UJ (all non-detects)	
		Methoxychlor	-	37 (40-135)	UJ (all non-detects)	

Relative percent differences (RPD) were within QC limits with the exception of several compounds in RIDB-6-20.0-20170226MS/MSD** (from SDG 440-178302-3), RIDB-3-0.5-20170310MS/MSD (from SDG 440-179419-1), RIDB-27-30.0-20170321MS/MSD (from SDG 440-180331-1), RI-10-20.0-20170410MS/MSD (from 440-181749-1), RI-24-1.0-20170418MS/MSD (from SDG 440-182494-1), RI-13-5.0-20170502MS/MSD(from SDG 440-183424-1), RI-12-10.0-20170503MS/MSD(from SDG 440-183574-1), RI-6-5.0-20170518MS/MSD**(from SDG 440-184858-1) and RI-4-5.0-20170630MS/MSD (from SDG 440-187589-1). No data were qualified since the associated results were not detected.

IX. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method. Percent recoveries (%R) were within QC limits with the exception of Endrin Ketone in LCS 440-397085/2-A (from SDGs 440-180439-1 and 440-180593-1). No data were qualified due to high %Rs since the associated results were not detected.

Relative percent differences (RPD) were within QC limits.

X. Field Duplicates

Samples RIDB-8-30.0-20170222 and RIDB-8-30.0-20170222-FD (both from SDG 440-177826-1), samples RIDB-13-30.0-20170224 and RIDB-13-30.0-20170224-FD (both from SDG 440-178172-1), samples RIDB-6-5.0-20170225** and RIDB-6-5.0-20170225-FD** (both from SDG 440-178302-3), samples RIDB-4-10.0-20170307 and RIDB-4-10.0-20170307-FD (both from SDG 440-179022-1), samples RIDB-20-30.0-20170308 and RIDB-20-30.0-20170308-FD (both from SDG 440-179153-1), samples RIDB-2-20.0-20170309 and RIDB-2-20.0-20170309-FD (both from SDG 440-179280-1), samples RIDB-17-30.0-20170309 and RIDB-17-30.0-20170309-FD (both from SDG 440-179280-1), samples RIDB-5-5.0-20170311 and RIDB-5-5.0-20170311-FD (both

from SDG 440-179456-1), samples RIDB-7-0.5-20170312 and RIDB-7-0.5-20170312-FD (both from SDG 440-179456-1), samples RIDB-18-30.0-20170314 and RIDB-18-30.0-20170314-FD (both from SDG 440-179637-1) samples RIDB-28-10.0-20170323 and RIDB-28-10.0-20170323-FD (both from SDG 440-180439-1), samples RIDB-22-1.0-20170327 and RIDB-22-1.0-20170327-FD (both from SDG 440-180696-1), samples RI-7-20.0-20170408 and RI-7-20.0-20170408-FD (both from SDG 440-181716-1), samples RI-8-10.0-20170422 and RI-8-10.0-20170422-FD (both from SDG 440-182829-1), samples RI-12-30.0-20170503 and RI-12-30.0-20170503-FD (both from SDG 440-183574-1), samples RI-26-5.0-20170616 and RI-26-5.0-20170616-FD (both from SDG 440-186720-1) and samples RI-4-30.0-20170630 and RI-4-30.0-20170630-FD (both from SDG 440-187594-1) were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-6-5.0-20170225**	RIDB-6-5.0-20170225-FD**			
440-178302-3	2,4'-DDE	0.0035	0.0050	35 (≤50)	-	-
	4,4'-DDE	0.0051	0.0083	48 (≤50)	-	-
	4,4'-DDT	0.0067	0.0095	35 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-4-10.0-20170307	RIDB-4-10.0-20170307-FD			
440-179022-1	4,4'-DDD	0.0038	0.0041	8 (≤50)	-	-
	2,4'-DDE	0.0078	0.011	34 (≤50)	-	-
	4,4'-DDE	0.021	0.027	25 (≤50)	-	-
	4,4'-DDT	0.0068	0.0079	15 (≤50)	-	-
	beta-BHC	0.0061U	0.0032	62 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-28-10.0-20170323	RIDB-28-10.0-20170323-FD			
440-180439-1	beta-BHC	0.0029	0.013	127 (≤50)	NQ	-
	4,4'-DDE	0.0054U	0.0019	200 (≤50)	NQ	-

NQ = No data were qualified when either the primary or duplicate result was not detected or was below the practical quantitation limit (PQL).

XI. Compound Quantitation

All compound quantitations met validation criteria for samples which underwent Stage 4 validation.
The sample results for detected compounds from the two columns were within 40% relative percent difference (RPD) with the following exceptions:

SDG	Sample	Compound	RPD	Flag	A or P
440-180331-1	RIDB-12-1.0-20170321	4,4'-DDT	62.9	J (all detects)	A
440-180331-1	RIDB-12-10.0-20170322	4,4'-DDT	66.0	J (all detects)	A
440-180819-1	RIDB-21-1.0-20170328	4,4'-DDT	52.88	J (all detects)	A
440-181420-1	RI-5-5.0-20170404	4,4'-DDT	55.55	J (all detects)	A

Raw data were not reviewed for Stage 2A and Stage 2B validation.

XII. Target Compound Identification

All target compound identifications met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XIII. System Performance

The system performance was acceptable for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method.

In the case where more than one result was reported for an individual sample, the least technically acceptable results were deemed unusable as follows:

SDG	Sample	Compound	Flag	A or P
440-182804-1	RI-21-10.0-20170422RE	All compounds	DNR	A

Due to continuing calibration %D, surrogate %R, MS/MSD %R, and RPD between two columns, data were qualified as estimated in forty nine samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

**Indicates samples underwent Stage 4 validation

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Chlorinated Pesticides - Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-3, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179637-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-182494-1, 440-182498-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182943-1, 440-183424-1, 440-183426-1, 440-183574-1, 440-183702-1, 440-184723-1, 440-184858-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186517-1, 440-186634-1, 440-186720-1, 440-186786-1, 440-187533-1, 440-187589-1, 440-187594-1

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-177826-1	RIDB-8-1.0-20170222	4,4'-DDE	J- (all detects)	A	Continuing calibration (%D) (c)
440-178302-3	RIDB-6-0.5-20170225**	4,4'-DDE 4,4'-DDD gamma-BHC Aldrin	J- (all detects) UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-179153-1	RIDB-1-0.5-20170308 RIDB-1-5.0-20170308 RIDB-1-10.0-20170308	Methoxychlor	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-179280-1	RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309	Methoxychlor	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-180331-1	RIDB-12-1.0-20170321 RIDB-12-5.0-20170321 RIDB-12-10.0-20170322 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321 RIDB-27-20.0-20170321 RIDB-27-30.0-20170321	Methoxychlor	UJ (all non-detects)	A	Continuing calibration (%D) (c)
440-177826-1	RIDB-8-1.0-20170222	All compounds except beta-BHC 2,4'-DDE 4,4'-DDE 4,4'-DDT	J+ (all detects)	P	Surrogate spikes (%R) (s)
440-178172-1	RIDB-13-5.0-20170224	All compounds	J+ (all detects)	P	Surrogate spikes (%R) (s)
440-178302-3	RIDB-6-0.5-20170225**	All compounds	J+ (all detects)	P	Surrogate spikes (%R) (s)
440-179022-1	RIDB-20-1.0-20170307	All compounds	J+ (all detects)	P	Surrogate spikes (%R) (s)

**Indicates samples underwent Stage 4 validation

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-179153-1	RIDB-1-20.0-20170308	All compounds	UJ (all non-detects)	P	Surrogate spikes (%R) (s)
440-179419-1	RIDB-3-0.5-20170310	All compounds	UJ (all non-detects)	A	Surrogate spikes (%R) (s)
440-179419-1	RIDB-3-10.0-20170310 RIDB-3-20.0-20170310	All compounds	UJ (all non-detects)	P	Surrogate spikes (%R) (s)
440-180439-1	RIDB-25-1.0-20170323	All compounds except 4,4'-DDD	J+ (all detects)	A	Surrogate spikes (%R) (s)
440-180593-1	RIDB-26-30.0-20170324	All compounds	UJ (all non-detects)	A	Surrogate spikes (%R) (s)
440-180819-1	RIDB-21-1.0-20170328	All compounds	J+ (all detects)	A	Surrogate spikes (%R) (s)
440-181200-1	RIDB-23-5.0-20170403	All compounds	UJ (all non-detects)	P	Surrogate spikes (%R) (s)
440-181200-1	RIDB-23-10.0-20170403	All compounds	UJ (all non-detects)	P	Surrogate spikes (%R) (s)
440-181200-1	RIDB-23-20.0-20170403	All compounds	UJ (all non-detects)	P	Surrogate spikes (%R) (s)
440-181749-1	RI-10-30.0-20170410	All compounds	UJ (all non-detects)	P	Surrogate spikes (%R) (s)
440-182498-1	RI-25-1.0-20170417	All compounds	UJ (all non-detects)	P	Surrogate spikes (%R) (s)
440-182804-1	RI-21-10.0-20170422	All compounds	UJ (all non-detects)	A	Surrogate spikes (%R) (s)
440-182804-1	RI-21-30.0-20170422	All compounds	UJ (all non-detects)	A	Surrogate spikes (%R) (s)
440-182829-1	RI-8-30.0-20170422	All compounds	UJ (all non-detects)	P	Surrogate spikes (%R) (s)
440-183424-1	RI-13-5.0-20170502	alpha-Chlordane gamma-Chlordane delta-BHC	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-184858-1	RI-6-5.0-20170518**	Endrin aldehyde gamma-Chlordane	UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186517-1	RI-28-1.0-20170614	All compounds	J+ (all detects)	P	Surrogates (%R) (s)
440-186517-1	RI-28-30.0-20170614	All compounds	UJ (all non-detects)	P	Surrogates (%R) (s)
440-179153-1	RIDB-1-10.0-20170308	alpha-BHC alpha-Chlordane delta-BHC Endosulfan II gamma-Chlordane Heptachlor epoxide	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-179280-1	RIDB-2-0.5-20170309	alpha-BHC alpha-Chlordane delta-BHC gamma-Chlordane	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-1	RIDB-17-30.0-20170309	Aldrin alpha-BHC alpha-Chlordane delta-BHC Endosulfan II gamma-Chlordane Heptachlor epoxide Methoxychlor Endosulfan sulfate Endrin ketone	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179419-1	RIDB-3-0.5-20170310	alpha-Chlordane gamma-Chlordane alpha-BHC delta-BHC Heptachlor epoxide	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180331-1	RIDB-27-30.0-20170321	alpha-BHC alpha-Chlordane beta-BHC 4,4'-DDD delta-BHC Dieldrin Endosulfan I Endosulfan II Endosulfan sulfate Endrin Endrin aldehyde Endrin ketone gamma-BHC gamma-Chlordane Heptachlor Heptachlor epoxide Methoxychlor	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180439-1	RIDB-28-1.0-20170322	Endosulfan II	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180593-1	RIDB-26-30.0-20170324	Aldrin alpha-BHC alpha-Chlordane beta-BHC 4,4'-DDD 4,4'-DDE delta-BHC Dieldrin Endosulfan I Endosulfan II Endosulfan sulfate Endrin Endrin aldehyde Endrin ketone gamma-BHC gamma-Chlordane Heptachlor Heptachlor epoxide Methoxychlor	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-180593-1	RIDB-26-10.0-20170324	alpha-Chlordane delta-BHC gamma-Chlordane	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181749-1	RI-10-20.0-20170410	alpha-Chlordane 4,4'-DDD delta-BHC Endosulfan II Endrin ketone gamma-Chlordane Heptachlor Aldrin alpha-BHC beta-BHC 4,4'-DDE 4,4'-DDT Dieldrin Endosulfan I Endosulfan sulfate Endrin Endrin aldehyde gamma-BHC Heptachlor epoxide Methoxychlor	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182494-1	RI-24-1.0-20170418	alpha-Chlordane delta-BHC gamma-Chlordane	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182804-1	RI-21-10.0-20170422	delta-BHC Endosulfan I Endosulfan II alpha-BHC alpha-Chlordane Endosulfan sulfate Endrin Endrin aldehyde Endrin ketone gamma-BHC gamma-Chlordane Heptachlor Heptachlor epoxide Methoxychlor	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186517-1	RI-28-1.0-20170614	Endosulfan II Endrin gamma-Chlordane alpha-Chlordane	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-187589-1	RI-4-5.0-20170630	Aldrin alpha-BHC alpha-Chlordane beta-BHC 4,4'-DDD 4,4'-DDE delta-BHC Dieldrin Endosulfan I Endosulfan II Endosulfan sulfate Endrin Endrin aldehyde Endrin ketone gamma-BHC gamma-Chlordane Heptachlor Heptachlor epoxide Methoxychlor	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180331-1	RIDB-12-1.0-20170321 RIDB-12-10.0-20170322	4,4'-DDT	J (all detects)	A	Compound quantitation (RPD between two columns) (dc)
440-180819-1	RIDB-21-1.0-20170328	4,4'-DDT	J (all detects)	A	Compound quantitation (RPD between two columns) (dc)
440-181420-1	RI-5-5.0-20170404	4,4'-DDT	J (all detects)	A	Compound quantitation (RPD between two columns) (dc)
440-182804-1	RI-21-10.0-20170422RE	All compounds	DNR	A	Overall assessment of data (o)

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Chlorinated Pesticides - Laboratory Blank Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-3, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179637-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-182494-1, 440-182498-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182943-1, 440-183424-1, 440-183426-1, 440-183574-1, 440-183702-1, 440-184723-1, 440-184858-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186517-1, 440-186634-1, 440-186720-1, 440-186786-1, 440-187533-1, 440-187589-1, 440-187594-1

No Sample Data Qualified in these SDGs

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Chlorinated Pesticides - Field Blank Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-3, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179637-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-182494-1, 440-182498-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182943-1, 440-183424-1, 440-183426-1, 440-183574-1, 440-183702-1, 440-184723-1, 440-184858-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186517-1, 440-186634-1, 440-186720-1, 440-186786-1, 440-187533-1, 440-187589-1, 440-187594-1

No Sample Data Qualified in these SDGs

ATTACHMENT F
Aroclor-1260 DVR

Aroclor-1260 by Environmental Protection Agency (EPA) SW 846 Method 8082

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the compounds, all coefficients of determination (r^2) were greater than or equal to 0.990.

Retention time windows were established as required by the method for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0%.

Initial calibration data were not reviewed for Stage 2A validation.

III. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) were less than or equal to 20.0%.

Retention times in the calibration standards were within the established retention time windows for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

Continuing calibration data were not reviewed for Stage 2A validation.

IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

V. Field Blanks

Samples RIDB-10-10.0-20170224-EB* (from SDG 440-178097-1) RIDB-1-30.0-20170308-EB* (from SDG 440-179153-1), RIDB-18-10.0-20170314-EB* (from SDG 440-179637-1), M-222-20170503-EB* (from SDG 440-183553-1) were identified as equipment blanks. No contaminants were found.

Sample M-36D-20170504-FB* (from SDG 440-183683-1) was identified as a field blank. No contaminants were found.

VI. Surrogates/Internal Standards

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

SDG	Sample	Surrogate	%R (Limits)	Affected Compound	Flag	A or P
440-179456-1	RI-16-20.0-20170312	Decachlorobiphenyl	43 (45-120)	Aroclor-1260	UJ (all non-detects)	P
440-186517-1	RI-28-1.0-20170614	Decachlorobiphenyl	137 (45-120)	Aroclor-1260	J+ (all detects)	P

All internal standard areas and retention times were within QC limits.

Internal standard data were not reviewed for Stage 2A validation.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-178027-1	RIDB-14-5.0-20170223MS/MSD** (RIDB-14-5.0-20170223**)	Aroclor-1260	-	46 (50-125)	UJ (all non-detects)	A
440-180331-1	RIDB-27-30.0-20170321MS/MSD (RIDB-27-30.0-20170321)	Aroclor-1260	45 (50-125)	47 (50-125)	UJ (all non-detects)	A
440-186517-1	RI-28-30.0-20170614MS/MSD (RI-28-30.0-20170614)	Aroclor-1260	44 (50-125)	-	UJ (all non-detects)	A

Relative percent differences (RPD) were within QC limits with the exception of Aroclor-1260 in RI-28-30.0-20170614MS/MSD (from SDG 440-186517-1). No data were qualified since the associated result was not detected.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

**Indicates samples underwent Stage 4 validation

IX. Field Duplicates

Samples RIDB-8-30.0-20170222 and RIDB-8-30.0-20170222-FD (both from SDG 440-177826-1), samples RIDB-13-30.0-20170224 and RIDB-13-30.0-20170224-FD (both from SDG 440-178172-1), samples RIDB-6-5.0-20170225** and RIDB-6-5.0-20170225-FD** (both from SDG 440-178302-1), samples RIDB-4-10.0-20170307 and RIDB-4-10.0-20170307-FD (both from SDG 440-179022-1), samples RIDB-20-30.0-20170308 and RIDB-20-30.0-20170308-FD (from SDG 440-179153-1), samples RIDB-2-20.0-20170309 and RIDB-2-20.0-20170309-FD (both from SDG 440-179280-1), samples RIDB-17-30.0-20170309 and RIDB-17-30.0-20170309-FD (both from SDG 440-179280-1), samples RIDB-5-5.0-20170311 and RIDB-5-5.0-20170311-FD (both from SDG 440-179456-1), samples RIDB-7-0.5-20170312 and RIDB-7-0.5-20170312-FD (both from SDG 440-179456-1), samples RIDB-18-30.0-20170314 and RIDB-18-30.0-20170314-FD (both from SDG 440-179637-1), samples RIDB-28-10.0-20170323 and RIDB-28-10.0-20170323-FD (both from SDG 440-180439-1), samples RIDB-22-1.0-20170327 and RIDB-22-1.0-20170327-FD (both from SDG 440-180696-1), samples RI-7-20.0-20170408 and RI-7-20.0-20170408-FD (both from SDG 440-181716-1), samples RI-8-10.0-20170422 and RI-8-10.0-20170422-FD (both from SDG 440-182829-1), samples M-65D-20170502* and M-65D-20170502-FD* (both from SDG 440-183423-1), samples RI-12-30.0-20170503 and RI-12-30.0-20170503-FD (both from SDG 440-183574-1), and samples M-66D-20170504* and M-66D-20170504-FD* (both from SDG 440-183683-1) were identified as field duplicates. No results were detected in any of the samples.

X. Compound Quantitation

All compound quantitations met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XI. Target Compound Identification

All target compound identifications met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XII. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in these SDGs.

Due to surrogate %R and MS/MSD %R, data were qualified as estimated in five samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Aroclor-1260 - Data Qualification Summary – SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-1, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179637-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-182494-1, 440-182498-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182943-1, 440-183293-1, 440-183423-1, 440-183424-1, 440-183426-1, 440-183553-1, 440-183574-1, 440-183683-1, 440-183702-1, 440-184723-1, 440-184858-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186517-1, 440-186634-1, 440-186720-1, 440-186786-1, 440-187533-1, 440-187589-1, 440-187594-1

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-179456-1	RI-16-20.0-20170312	Aroclor-1260	UJ (all non-detects)	P	Surrogates (%R) (s)
440-186517-1	RI-28-1.0-20170614	Aroclor-1260	J+ (all detects)	P	Surrogates (%R) (s)
440-178027-1	RIDB-14-5.0-20170223**	Aroclor-1260	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180331-1	RIDB-27-30.0-20170321	Aroclor-1260	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186517-1	RI-28-30.0-20170614	Aroclor-1260	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Aroclor-1260 – Laboratory Blank Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-1, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179637-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-182494-1, 440-182498-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182943-1, 440-183293-1, 440-183423-1, 440-183424-1, 440-183426-1, 440-183553-1, 440-183574-1, 440-183683-1, 440-183702-1, 440-184723-1, 440-184858-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186517-1, 440-186634-1, 440-186720-1, 440-186786-1, 440-187533-1, 440-187589-1, 440-187594-1

No Sample Data Qualified in these SDGs

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Aroclor-1260 - Field Blank Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-1, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179637-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-182494-1, 440-182498-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182943-1, 440-183293-1, 440-183423-1, 440-183424-1, 440-183426-1, 440-183553-1, 440-183574-1, 440-183683-1, 440-183702-1, 440-184723-1, 440-184858-1, 440-184950-1, 440-185476-1, 440-186351-1, 440-186517-1, 440-186634-1, 440-186720-1, 440-186786-1, 440-187533-1, 440-187589-1, 440-187594-1

No Sample Data Qualified in these SDGs

ATTACHMENT G
PCDD/PCDF DVR

Polychlorinated Dioxins/Dibenzofurans by Environmental Protection Agency (EPA) SW 846 Method 8290

I. Sample Receipt and Technical Holding Times

The chain-of-custodies were reviewed for documentation of cooler temperatures. Cooler temperature for all samples in SDG 440-185476-2 was reported at 8.5ºC upon receipt by the laboratory.

The laboratory indicated that one cooler in SDG 440-185476-2 was received with a temperature at 8.5ºC, and in SDG 320-26104-1 sample RIDB-14-30.0-20170223 was received with a broken lid and the container for sample RIDB-8-30.0-20170222-FD was received broken. The laboratory noted in the case narrative that because sample RIDB-8-30.0-20170222-FD was a duplicate, separate portions were taken from the container of the primary sample RIDB-8-30.0-20170222 and were used for analysis of sample RIDB-8-30.0-20170222-FD. Using professional judgment, all the results for sample RIDB-8-30.0-20170222-FD were qualified as rejected (R) since these results do not represent the sample that was collected. No other data in SDG 320-26104-1 were qualified due to this container breakage. Although sample RIDB-14-30.0-20170223 had a broken lid, the contents of the container were considered intact and cross contamination is not expected. All other samples were also received intact.

No data were qualified due to elevated cooler temperature PCDD/PCDFs are known to be environmentally stable and are not expected to degrade significantly during transport or storage.

All technical holding time requirements were met.

II. HRGC/HRMS Instrument Performance Check

Instrument performance was checked at the required daily frequency.

Retention time windows were established for all homologues. The chromatographic resolution between 2,3,7,8-TCDD and the peaks representing any other unlabeled TCDD isomers was resolved with a valley of less than or equal to 25%.

The exact mass of 380.9760 of PFK was verified. The static resolving power was at least 10,000 (10% valley definition).

Raw data were not reviewed for Stage 2A and Stage 2B validation.

III. Initial Calibration and Initial Calibration Verification

A five point initial calibration was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for unlabeled compounds and less than or equal to 30.0% for labeled compounds.

The ion abundance ratios for all PCDDs and PCDFs were within validation criteria.

The minimum S/N ratio for each target compound was greater than or equal to 2.5 and greater than or equal to 10 for each recovery and internal standard compound for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for unlabeled compounds and less than or equal to 30.0% for labeled compounds.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.
All of the continuing calibration percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were less than or equal to 20.0% for unlabeled compounds and less than or equal to 30.0% for labeled compounds with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
440-184858-2	07/04/17	OCDF	26.5	RI-27-10.0-20170519 RI-27-20.0-20170519 RI-27-30.0-20170519 RI-27-40.0-20170519 RIDB-29-1.0-20170519	J+ (all detects)	P

The ion abundance ratios for all PCDDs and PCDFs were within validation criteria.

The minimum S/N ratio was greater than or equal to 10 for each unlabeled compound and labeled compound associated to samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

SDG	Laboratory Blank ID	Extraction Date	Compound	Concentration	Associated Samples
320-26104-1	MB 320-153728/1-A	03/07/17	1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HpCDD Total HpCDF	0.224 pg/g 0.124 pg/g 0.0927 pg/g 0.971 pg/g 0.366 pg/g 0.436 pg/g 0.301 pg/g	M-5D-52-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222 RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-9-10.0-20170223 RIDB-9-20.0-20170223 RIDB-9-30.0-20170223 RIDB-14-1.0-20170223 RIDB-14-5.0-20170223 RIDB-14-10.0-20170223 RIDB-14-10.0-20170223-FD RIDB-14-20.0-20170223 RIDB-14-30.0-20170223 RIDB-10-1.0-20170223 RIDB-10-5.0-20170223 RIDB-13-1.0-20170224
320-26104-1	MB 320-153736/1-A	03/07/17	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0954 pg/g 0.132 pg/g 0.185 pg/g 0.140 pg/g 0.197 pg/g 0.189 pg/g 0.172 pg/g 0.129 pg/g 0.0888 pg/g 0.406 pg/g 0.273 pg/g 1.46 pg/g 0.549 pg/g 0.227 pg/g 0.523 pg/g 0.578 pg/g 0.677 pg/g 0.273 pg/g	RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-10-30.0-20170224
320-26104-1	MB 320-154485/1-A	03/11/17	1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0172 pg/g 0.0309 pg/g 0.0132 pg/g 0.0424 pg/g 0.0509 pg/g 0.0316 pg/g 0.275 pg/g 0.215 pg/g 0.0543 pg/g 0.0864 pg/g 0.129 pg/g 0.0316 pg/g	RIDB-8-30.0-20170222-FD
320-26104-1	MB 320-155195/1-A	03/16/17	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HpCDF	1.56 pg/L 0.620 pg/L 6.88 pg/L 2.30 pg/L 4.32 pg/L 0.620 pg/L	RIDB-10-10.0-20170224-EB*

SDG	Laboratory Blank ID	Extraction Date	Compound	Concentration	Associated Samples
320-26133-1	MB 320-152951/1-A	03/02/17	2,3,7,8-TCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total TCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0243 pg/g 0.0355 pg/g 0.0205 pg/g 0.0174 pg/g 0.906 pg/g 0.0514 pg/g 10.4 pg/g 0.261 pg/g 0.0243 pg/g 0.118 pg/g 0.0174 pg/g 1.53 pg/g 0.0514 pg/g	All samples in SDG 320-26133-1
440-179022-2	MB 320-154485/1-A	03/11/17	1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0172 pg/g 0.0309 pg/g 0.0132 pg/g 0.0424 pg/g 0.0509 pg/g 0.0316 pg/g 0.275 pg/g 0.215 pg/g 0.0543 pg/g 0.0864 pg/g 0.129 pg/g 0.0316 pg/g	All samples in SDG 440-179022-2
440-179153-2	MB 320-155740/1-A	03/20/17	1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	1.04 pg/L 1.25 pg/L 1.08 pg/L 1.05 pg/L 3.13 pg/L 2.26 pg/L 1.60 pg/L 13.3 pg/L 9.69 pg/L 1.04 pg/L 3.38 pg/L 4.44 pg/L 4.40 pg/L	All water samples in SDG 440-179153-2
440-179153-2	MB 320-155843/1-A	03/21/17	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDD Total HxCDF Total HpCDD Total HpCDF	0.0227 pg/g 0.0474 pg/g 0.0443 pg/g 0.0267 pg/g 0.190 pg/g 0.0951 pg/g 0.0196 pg/g 0.0227 pg/g 0.129 pg/g 0.0710 pg/g	All soil samples in SDG 440-179153-2
440-179280-2	MB 320-156277/1-A	03/23/17	1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HpCDD Total HpCDF	0.0141 pg/g 0.0787 pg/g 0.0529 pg/g 0.273 pg/g 0.127 pg/g 0.0751 pg/g 0.172 pg/g 0.0529 pg/g	All samples in SDG 440-179280-2

SDG	Laboratory Blank ID	Extraction Date	Compound	Concentration	Associated Samples
440-179419-2	MB 320-156323/1-A	03/23/17	1,2,3,4,6,7,8-HpCDD OCDD OCDF Total HpCDD	0.538 pg/g 9.30 pg/g 1.25 pg/g 0.951 pg/g	All samples in SDG 440-179419-2
440-179456-2	MB 320-157231/1-A	03/30/17	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0227 pg/g 0.0531 pg/g 0.0657 pg/g 0.343 pg/g 0.132 pg/g 0.0437 pg/g 4.93 pg/g 0.441 pg/g 0.0758 pg/g 0.0657 pg/g 0.650 pg/g 0.305 pg/g	All samples in SDG 440-179456-2
440-179637-2	MB 320-155195/1-A	03/16/17	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HpCDF	1.56 pg/L 0.620 pg/L 6.88 pg/L 2.30 pg/L 4.32 pg/L 0.620 pg/L	All water samples in SDG 440-179637-2
440-179637-2	MB 320-157475/1-A	03/31/17	2,3,7,8-TCDF 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDD Total TCDF Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0320 pg/g 0.0164 pg/g 0.0200 pg/g 0.0181 pg/g 0.0397 pg/g 0.0504 pg/g 0.0189 pg/g 0.0326 pg/g 0.0223 pg/g 0.0472 pg/g 0.0906 pg/g 0.0566 pg/g 0.0468 pg/g 0.343 pg/g 0.123 pg/g 0.0574 pg/g 0.0320 pg/g 0.0364 pg/g 0.146 pg/g 0.121 pg/g 0.164 pg/g 0.103 pg/g	All soil samples in SDG 440-179637-2
440-180101-2	MB 320-158003/1-A	04/04/17	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0646 pg/g 0.0793 pg/g 0.214 pg/g 0.0724 pg/g 0.0686 pg/g 1.73 pg/g 0.251 pg/g 0.120 pg/g 0.0793 pg/g 0.416 pg/g 0.221 pg/g	All samples in SDG 440-180101-2

SDG	Laboratory Blank ID	Extraction Date	Compound	Concentration	Associated Samples
440-180193-2	MB 320-158003/1-A	04/04/17	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0646 pg/g 0.0793 pg/g 0.214 pg/g 0.0724 pg/g 0.0686 pg/g 1.73 pg/g 0.251 pg/g 0.120 pg/g 0.0793 pg/g 0.416 pg/g 0.221 pg/g	All samples in SDG 440-180193-2
440-180331-2	MB 320-158002/1-A	04/04/17	2,3,7,8-TCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.122 pg/g 0.0376 pg/g 0.271 pg/g 0.727 pg/g 0.514 pg/g 0.504 pg/g 3.81 pg/g 0.753 pg/g 0.272 pg/g 0.104 pg/g 0.0677 pg/g 0.481 pg/g 0.193 pg/g 1.44 pg/g 1.16 pg/g	All samples in SDG 440-180331-2
440-180439-2	MB 320-158002/1-A	04/04/17	2,3,7,8-TCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.122 pg/g 0.0376 pg/g 0.271 pg/g 0.727 pg/g 0.514 pg/g 0.504 pg/g 3.81 pg/g 0.753 pg/g 0.272 pg/g 0.104 pg/g 0.0677 pg/g 0.481 pg/g 0.193 pg/g 1.44 pg/g 1.16 pg/g	All samples in SDG 440-180439-2
440-180593-2	MB 320-158324/1-A	04/06/17	1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDD Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0234 pg/g 0.0225 pg/g 0.0134 pg/g 0.0366 pg/g 0.0598 pg/g 0.0445 pg/g 0.0353 pg/g 0.200 pg/g 0.0923 pg/g 0.0136 pg/g 0.0234 pg/g 0.0724 pg/g 0.152 pg/g 0.0798 pg/g	All samples in SDG 440-180593-2

SDG	Laboratory Blank ID	Extraction Date	Compound	Concentration	Associated Samples
440-180696-2	MB 320-158326/1-A	04/06/17	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0213 pg/g 0.0157 pg/g 0.0491 pg/g 0.0237 pg/g 0.0838 pg/g 0.141 pg/g 0.0634 pg/g 0.322 pg/g 0.645 pg/g 0.0213 pg/g 0.0157 pg/g 0.0728 pg/g 0.189 pg/g 0.261 pg/g	All samples in SDG 440-180696-2
440-180819-2	MB 320-158326/1-A	04/06/17	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0213 pg/g 0.0157 pg/g 0.0491 pg/g 0.0237 pg/g 0.0838 pg/g 0.141 pg/g 0.0634 pg/g 0.322 pg/g 0.645 pg/g 0.0213 pg/g 0.0157 pg/g 0.0728 pg/g 0.189 pg/g 0.261 pg/g	All samples in SDG 440-180819-2
440-181200-2	MB 320-158324/1-A	04/06/17	1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDD Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0234 pg/g 0.0225 pg/g 0.0134 pg/g 0.0366 pg/g 0.0598 pg/g 0.0445 pg/g 0.0353 pg/g 0.200 pg/g 0.0923 pg/g 0.0136 pg/g 0.0234 pg/g 0.0724 pg/g 0.152 pg/g 0.0798 pg/g	All samples in SDG 440-181200-2
440-181297-2	MB 320-160175/1-A	04/18/17	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.0416 pg/g 0.112 pg/g 0.0838 pg/g 0.463 pg/g 0.175 pg/g 0.0416 pg/g 0.233 pg/g 0.135 pg/g	RIDB-23-30.0-20170404

SDG	Laboratory Blank ID	Extraction Date	Compound	Concentration	Associated Samples
440-181420-2	MB 320-158999/1-A	04/11/17	2,3,7,8-TCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total TCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0176 pg/g 0.0221 pg/g 0.0311 pg/g 0.0216 pg/g 0.0225 pg/g 0.0345 pg/g 0.0939 pg/g 0.0637 pg/g 0.252 pg/g 0.101 pg/g 0.0176 pg/g 0.0830 pg/g 0.0785 pg/g 0.198 pg/g 0.0637 pg/g	RI-5-10.0-20170405 RI-5-20.0-20170405 RI-5-30.0-20170405
440-181420-2	MB 320-160175/1-A	04/18/17	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.0416 pg/g 0.112 pg/g 0.0838 pg/g 0.463 pg/g 0.175 pg/g 0.0416 pg/g 0.233 pg/g 0.135 pg/g	RI-5-5.0-20170404
440-181661-2	MB 320-158999/1-A	04/11/17	2,3,7,8-TCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total TCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0176 pg/g 0.0221 pg/g 0.0311 pg/g 0.0216 pg/g 0.0225 pg/g 0.0345 pg/g 0.0939 pg/g 0.0637 pg/g 0.252 pg/g 0.101 pg/g 0.0176 pg/g 0.0830 pg/g 0.0785 pg/g 0.198 pg/g 0.0637 pg/g	RI-9-5.0-20170407
440-181716-2	MB 320-160175/1-A	04/18/17	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.0416 pg/g 0.112 pg/g 0.0838 pg/g 0.463 pg/g 0.175 pg/g 0.0416 pg/g 0.233 pg/g 0.135 pg/g	RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408
440-181722-2	MB 320-160175/1-A	04/18/17	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.0416 pg/g 0.112 pg/g 0.0838 pg/g 0.463 pg/g 0.175 pg/g 0.0416 pg/g 0.233 pg/g 0.135 pg/g	RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409

SDG	Laboratory Blank ID	Extraction Date	Compound	Concentration	Associated Samples
440-181745-2	MB 320-160175/1-A	04/18/17	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.0416 pg/g 0.112 pg/g 0.0838 pg/g 0.463 pg/g 0.175 pg/g 0.0416 pg/g 0.233 pg/g 0.135 pg/g	RI-20-5.0-20170410** RI-20-10.0-20170410** RI-20-20.0-20170410** RI-20-30.0-20170410**
440-181749-2	MB 320-160175/1-A	04/18/17	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.0416 pg/g 0.112 pg/g 0.0838 pg/g 0.463 pg/g 0.175 pg/g 0.0416 pg/g 0.233 pg/g 0.135 pg/g	RI-10-20.0-20170410 RI-10-30.0-20170410
440-182494-2	MB 320-161154/1-A	04/25/17	2,3,7,8-TCDF 1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0808 pg/g 0.0324 pg/g 0.0564 pg/g 0.0364 pg/g 0.0732 pg/g 0.0568 pg/g 0.0351 pg/g 0.0556 pg/g 0.0781 pg/g 0.112 pg/g 0.0965 pg/g 0.0783 pg/g 0.373 pg/g 0.183 pg/g 0.139 pg/g 0.0324 pg/g 0.0928 pg/g 0.0732 pg/g 0.226 pg/g 0.198 pg/g 0.175 pg/g	RI-24-1.0-20170418 RI-24-5.0-20170418 RI-24-10.0-20170418 RI-24-20.0-20170418 RI-24-30.0-20170418 RI-24-40.0-20170418
440-182498-2	MB 320-161154/1-A	04/25/17	2,3,7,8-TCDF 1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0808 pg/g 0.0324 pg/g 0.0564 pg/g 0.0364 pg/g 0.0732 pg/g 0.0568 pg/g 0.0351 pg/g 0.0556 pg/g 0.0781 pg/g 0.112 pg/g 0.0965 pg/g 0.0783 pg/g 0.373 pg/g 0.183 pg/g 0.139 pg/g 0.0324 pg/g 0.0928 pg/g 0.0732 pg/g 0.226 pg/g 0.198 pg/g 0.175 pg/g	RI-25-1.0-20170417 RI-25-5.0-20170417 RI-25-10.0-20170418 RI-25-20.0-20170418 RI-25-30.0-20170418 RI-25-40.0-20170418

SDG	Laboratory Blank ID	Extraction Date	Compound	Concentration	Associated Samples
440-182804-2	MB 320-162265/1-A	05/02/17	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0346 pg/g 0.0435 pg/g 0.0788 pg/g 0.0379 pg/g 0.224 pg/g 0.0726 pg/g 0.0346 pg/g 0.0435 pg/g 0.184 pg/g 0.0379 pg/g	RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422
440-182829-2	MB 320-162265/1-A	05/02/17	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0346 pg/g 0.0435 pg/g 0.0788 pg/g 0.0379 pg/g 0.224 pg/g 0.0726 pg/g 0.0346 pg/g 0.0435 pg/g 0.184 pg/g 0.0379 pg/g	RI-8-5.0-20170422 RI-8-10.0-20170422 RI-8-10.0-20170422-FD RI-8-20.0-20170422 RI-8-30.0-20170422
440-182886-2	MB 320-162265/1-A	05/02/17	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0346 pg/g 0.0435 pg/g 0.0788 pg/g 0.0379 pg/g 0.224 pg/g 0.0726 pg/g 0.0346 pg/g 0.0435 pg/g 0.184 pg/g 0.0379 pg/g	RI-1-5.0-20170424 RI-1-10.0-20170424 RI-1-20.0-20170424 RI-1-30.0-20170424
440-182943-2	MB 320-162265/1-A	05/02/17	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0346 pg/g 0.0435 pg/g 0.0788 pg/g 0.0379 pg/g 0.224 pg/g 0.0726 pg/g 0.0346 pg/g 0.0435 pg/g 0.184 pg/g 0.0379 pg/g	RI-2-5.0-20170425** RI-2-10.0-20170425** RI-2-20.0-20170425** RI-2-30.0-20170425**
440-183293-2	MB 320-166554/1-A	05/30/17	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.327 pg/L 0.369 pg/L 0.334 pg/L 0.324 pg/L 0.420 pg/L 0.381 pg/L 0.354 pg/L 0.773 pg/L 0.906 pg/L 0.738 pg/L 0.642 pg/L 3.24 pg/L 1.28 pg/L 0.327 pg/L 1.03 pg/L 1.93 pg/L 1.80 pg/L 1.38 pg/L	All samples in SDG 440-183293-2

SDG	Laboratory Blank ID	Extraction Date	Compound	Concentration	Associated Samples
440-183423-2	MB 320-166554/1-A	05/30/17	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.327 pg/L 0.369 pg/L 0.334 pg/L 0.324 pg/L 0.420 pg/L 0.381 pg/L 0.354 pg/L 0.773 pg/L 0.906 pg/L 0.738 pg/L 0.642 pg/L 3.24 pg/L 1.28 pg/L 0.327 pg/L 1.03 pg/L 1.93 pg/L 1.80 pg/L 1.38 pg/L	All samples in SDG 440-183423-2
440-183424-2	MB 320-166774/1-A	05/31/17	1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total HxCDF Total HpCDD Total HpCDF	0.0198 pg/g 0.0101 pg/g 0.0206 pg/g 0.0483 pg/g 0.116 pg/g 0.0742 pg/g 0.0651 pg/g 0.270 pg/g 0.829 pg/g 0.0113 pg/g 0.0989 pg/g 0.223 pg/g 0.139 pg/g	All samples in SDG 440-183424-2
440-183426-2	MB 320-166774/1-A	05/31/17	1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total HxCDF Total HpCDD Total HpCDF	0.0198 pg/g 0.0101 pg/g 0.0206 pg/g 0.0483 pg/g 0.116 pg/g 0.0742 pg/g 0.0651 pg/g 0.270 pg/g 0.829 pg/g 0.0113 pg/g 0.0989 pg/g 0.223 pg/g 0.139 pg/g	All samples in SDG 440-183426-2
440-183574-2	MB 320-167137/1-A	06/02/17	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0380 pg/g 0.0649 pg/g 0.143 pg/g 0.0768 pg/g 0.0659 pg/g 1.01 pg/g 0.147 pg/g 0.0380 pg/g 0.0649 pg/g 0.293 pg/g 0.143 pg/g	All samples in SDG 440-183574-2

SDG	Laboratory Blank ID	Extraction Date	Compound	Concentration	Associated Samples
440-183702-2	MB 320-167137/1-A	06/02/17	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0380 pg/g 0.0649 pg/g 0.143 pg/g 0.0768 pg/g 0.0659 pg/g 1.01 pg/g 0.147 pg/g 0.0380 pg/g 0.0649 pg/g 0.293 pg/g 0.143 pg/g	All samples in SDG 440-183702-2
440-184858-2	MB 320-169359/1-A	06/14/17	2,3,7,8-TCDF 1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0399 pg/g 0.0987 pg/g 0.116 pg/g 0.103 pg/g 0.0851 pg/g 0.0863 pg/g 0.0887 pg/g 0.122 pg/g 0.0710 pg/g 0.0728 pg/g 0.131 pg/g 0.204 pg/g 0.161 pg/g 0.123 pg/g 0.559 pg/g 0.300 pg/g 0.0399 pg/g 0.0987 pg/g 0.219 pg/g 0.260 pg/g 0.396 pg/g 0.422 pg/g 0.284 pg/g	All samples in SDG 440-184858-2
440-184950-2	MB 320-169359/1-A	06/14/17	2,3,7,8-TCDF 1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0399 pg/g 0.0987 pg/g 0.116 pg/g 0.103 pg/g 0.0851 pg/g 0.0863 pg/g 0.0887 pg/g 0.122 pg/g 0.0710 pg/g 0.0728 pg/g 0.131 pg/g 0.204 pg/g 0.161 pg/g 0.123 pg/g 0.559 pg/g 0.300 pg/g 0.0399 pg/g 0.0987 pg/g 0.219 pg/g 0.260 pg/g 0.396 pg/g 0.422 pg/g 0.284 pg/g	All samples in SDG 440-184950-2

SDG	Laboratory Blank ID	Extraction Date	Compound	Concentration	Associated Samples
440-185476-2	MB 320-170352/1-A	06/21/17	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0771 pg/g 0.0858 pg/g 0.101 pg/g 0.0896 pg/g 0.130 pg/g 0.257 pg/g 0.157 pg/g 0.116 pg/g 1.08 pg/g 0.0771 pg/g 0.276 pg/g 0.130 pg/g 0.469 pg/g 0.273 pg/g	All samples in SDG 440-185476-2
440-186351-2	MB 320-170352/1-A	06/21/17	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0771 pg/g 0.0858 pg/g 0.101 pg/g 0.0896 pg/g 0.130 pg/g 0.257 pg/g 0.157 pg/g 0.116 pg/g 1.08 pg/g 0.0771 pg/g 0.276 pg/g 0.130 pg/g 0.469 pg/g 0.273 pg/g	All samples in SDG 440-186351-2
440-186517-2	MB 320-170352/1-A	06/21/17	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0771 pg/g 0.0858 pg/g 0.101 pg/g 0.0896 pg/g 0.130 pg/g 0.257 pg/g 0.157 pg/g 0.116 pg/g 1.08 pg/g 0.0771 pg/g 0.276 pg/g 0.130 pg/g 0.469 pg/g 0.273 pg/g	All samples in SDG 440-186517-2
440-186634-2	MB 320-170352/1-A	06/21/17	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.0771 pg/g 0.0858 pg/g 0.101 pg/g 0.0896 pg/g 0.130 pg/g 0.257 pg/g 0.157 pg/g 0.116 pg/g 1.08 pg/g 0.0771 pg/g 0.276 pg/g 0.130 pg/g 0.469 pg/g 0.273 pg/g	All samples in SDG 440-186634-2

SDG	Laboratory Blank ID	Extraction Date	Compound	Concentration	Associated Samples
440-186720-2	MB 320-172165/1-A	07/03/17	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD	0.187 pg/g 0.194 pg/g 0.234 pg/g 0.145 pg/g 0.226 pg/g 0.158 pg/g 0.0950 pg/g 0.203 pg/g 0.110 pg/g 0.215 pg/g 0.647 pg/g 0.380 pg/g 0.605 pg/g 0.567 pg/g 0.215 pg/g	All samples in SDG 440-186720-2
440-186786-2	MB 320-172165/1-A	07/03/17	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD	0.187 pg/g 0.194 pg/g 0.234 pg/g 0.145 pg/g 0.226 pg/g 0.158 pg/g 0.0950 pg/g 0.203 pg/g 0.110 pg/g 0.215 pg/g 0.647 pg/g 0.380 pg/g 0.605 pg/g 0.567 pg/g 0.215 pg/g	All samples in SDG 440-186786-2
440-187533-2	MB 320-172165/1-A	07/03/17	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD	0.187 pg/g 0.194 pg/g 0.234 pg/g 0.145 pg/g 0.226 pg/g 0.158 pg/g 0.0950 pg/g 0.203 pg/g 0.110 pg/g 0.215 pg/g 0.647 pg/g 0.380 pg/g 0.605 pg/g 0.567 pg/g 0.215 pg/g	All samples in SDG 440-187533-2
440-187589-2	MB 320-174073/1-A	07/13/17	1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total PeCDD Total HpCDD Total HpCDF	2.02 pg/g 0.340 pg/g 58.5 pg/g 3.82 pg/g 0.144 pg/g 4.32 pg/g 0.873 pg/g	RI-4-5.0-20170630
440-187594-2	MB 320-174073/1-A	07/13/17	1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total PeCDD Total HpCDD Total HpCDF	2.02 pg/g 0.340 pg/g 58.5 pg/g 3.82 pg/g 0.144 pg/g 4.32 pg/g 0.873 pg/g	RI-4-10.0-20170630** RI-4-20.0-20170630** RI-4-30.0-20170630** RI-4-30.0-20170630-FD**

Sample concentrations were compared to concentrations detected in the laboratory blanks. The sample concentrations were either not detected or were significantly greater than the concentrations found in the associated laboratory blanks with the following exceptions:

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
320-26104-1	RIDB-9-5.0-20170222	1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF	1.0 pg/g 0.36 pg/g	1.0J pg/g 0.36J pg/g
320-26104-1	RIDB-9-20.0-20170223	1,2,3,4,6,7,8-HpCDD	1.1 pg/g	1.1J pg/g
320-26104-1	RIDB-10-10.0-20170224	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	1.7 pg/g 3.5 pg/g 3.0 pg/g	1.7J pg/g 3.5J pg/g 3.0J pg/g
320-26104-1	RIDB-10-10.0-20170224-EB*	1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HpCDF	2.1 pg/L 14 pg/L 7.7 pg/L 1.6 pg/L 2.9 pg/L	2.1J pg/L 14J pg/L 7.7J pg/L 1.6J pg/L 2.9J pg/L
320-26133-1	RIDB-6-10.0-20170226	OCDD	24 pg/g	24J pg/g
320-26133-1	RIDB-6-20.0-20170226	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.66 pg/g 2.4 pg/g 1.9 pg/g	0.66J pg/g 2.4J pg/g 1.9J pg/g
320-26133-1	RIDB-6-30.0-20170226	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.72 pg/g 4.4 pg/g 2.1 pg/g	0.72J pg/g 4.4J pg/g 2.1J pg/g
440-179153-2	RIDB-1-30.0-20170308-EB*	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HpCDD Total HpCDF	0.79 pg/L 1.7 pg/L 1.4 pg/L 0.92 pg/L 12 pg/L 5.2 pg/L 1.7 pg/L 3.7 pg/L 2.4 pg/L	0.79J pg/L 1.7J pg/L 1.4J pg/L 0.92J pg/L 12J pg/L 5.2J pg/L 1.7J pg/L 3.7J pg/L 2.4J pg/L
440-179153-2	RIDB-1-5.0-20170308	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total TCDD Total HpCDD	0.062 pg/g 0.21 pg/g 0.56 pg/g 0.039 pg/g 0.39 pg/g	0.062J pg/g 0.21J pg/g 0.56J pg/g 0.039J pg/g 0.39J pg/g
440-179153-2	RIDB-1-20.0-20170308	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.090 pg/g 0.45 pg/g 0.24 pg/g	0.090J pg/g 0.45J pg/g 0.24J pg/g
440-179153-2	RIDB-1-30.0-20170308	Total TCDD Total HpCDD	0.092 pg/g 0.44 pg/g	0.092J pg/g 0.44J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-179153-2	RIDB-20-10.0-20170308	1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD Total HpCDD	0.16 pg/g 0.13 pg/g 0.93 pg/g 0.36 pg/g	0.16J pg/g 0.13J pg/g 0.93J pg/g 0.36J pg/g
440-179153-2	RIDB-20-20.0-20170308	1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD Total HpCDD	0.084 pg/g 0.11 pg/g 0.25 pg/g 0.22 pg/g	0.084J pg/g 0.11J pg/g 0.25J pg/g 0.22J pg/g
440-179153-2	RIDB-20-30.0-20170308	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.099 pg/g 0.54 pg/g 0.23 pg/g	0.099J pg/g 0.54J pg/g 0.23J pg/g
440-179153-2	RIDB-20-30.0-20170308-FD	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HpCDD	0.050 pg/g 0.095 pg/g 0.18 pg/g 0.087 pg/g 0.31 pg/g 0.41 pg/g 0.18 pg/g	0.050J pg/g 0.095J pg/g 0.18J pg/g 0.087J pg/g 0.31J pg/g 0.41J pg/g 0.18J pg/g
440-179280-2	RIDB-2-30.0-20170309	1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HpCDD	0.065 pg/g 0.078 pg/g 0.16 pg/g 0.27 pg/g 0.38 pg/g 0.17 pg/g 0.20 pg/g	0.065J pg/g 0.078J pg/g 0.16J pg/g 0.27J pg/g 0.38J pg/g 0.17J pg/g 0.20J pg/g
440-179280-2	RIDB-17-5.0-20170309	OCDD Total HpCDD	0.67 pg/g 0.79 pg/g	0.67J pg/g 0.79J pg/g
440-179280-2	RIDB-17-10.0-20170309	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.21 pg/g 0.52 pg/g 0.38 pg/g	0.21J pg/g 0.52J pg/g 0.38J pg/g
440-179419-2	RIDB-3-5.0-20170310	OCDD OCDF Total HpCDD	10 pg/g 3.4 pg/g 0.63 pg/g	10J pg/g 3.4J pg/g 0.63J pg/g
440-179419-2	RIDB-3-10.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	1.7 pg/g 10 pg/g 2.5 pg/g	1.7J pg/g 10J pg/g 2.5J pg/g
440-179419-2	RIDB-3-20.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	1.4 pg/g 10 pg/g 2.1 pg/g	1.4J pg/g 10J pg/g 2.1J pg/g
440-179419-2	RIDB-3-30.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	1.2 pg/g 15 pg/g 2.1 pg/g	1.2J pg/g 15J pg/g 2.1J pg/g
440-179419-2	RIDB-15-1.0-20170310	OCDD	22 pg/g	22J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-179419-2	RIDB-15-5.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD OCDF Total HpCDD	0.54 pg/g 7.1 pg/g 1.8 pg/g 1.1 pg/g	0.54J pg/g 7.1J pg/g 1.8J pg/g 1.1J pg/g
440-179419-2	RIDB-15-10.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	1.2 pg/g 8.8 pg/g 1.9 pg/g	1.2J pg/g 8.8J pg/g 1.9J pg/g
440-179419-2	RIDB-15-20.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.53 pg/g 6.9 pg/g 1.0 pg/g	0.53J pg/g 6.9J pg/g 1.0J pg/g
440-179419-2	RIDB-15-30.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD OCDF Total HpCDD	0.44 pg/g 8.1 pg/g 3.5 pg/g 0.96 pg/g	0.44J pg/g 8.1J pg/g 3.5J pg/g 0.96J pg/g
440-179456-2	RIDB-5-5.0-20170311	OCDD	9.1 pg/g	9.1J pg/g
440-179456-2	RIDB-5-5.0-20170311-FD	OCDD	7.3 pg/g	7.3J pg/g
440-179456-2	RIDB-5-20.0-20170311	1,2,3,4,6,7,8-HpCDD OCDD	1.5 pg/g 11 pg/g	1.5J pg/g 11J pg/g
440-179456-2	RIDB-5-30.0-20170311	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.12 pg/g 0.25 pg/g 0.83 pg/g 12 pg/g 0.12 pg/g 1.6 pg/g	0.12J pg/g 0.25J pg/g 0.83J pg/g 12J pg/g 0.12J pg/g 1.6J pg/g
440-179456-2	RI-16-5.0-20170312	OCDD	23 pg/g	23J pg/g
440-179456-2	RI-16-10.0-20170312	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.26 pg/g 0.79 pg/g 8.8 pg/g 1.4 pg/g	0.26J pg/g 0.79J pg/g 8.8J pg/g 1.4J pg/g
440-179456-2	RI-16-20.0-20170312	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.17 pg/g 0.13 pg/g 0.53 pg/g 8.0 pg/g 0.35 pg/g 1.0 pg/g	0.17J pg/g 0.13J pg/g 0.53J pg/g 8.0J pg/g 0.35J pg/g 1.0J pg/g
440-179456-2	RI-16-30.0-20170312	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HpCDD Total HpCDF	0.17 pg/g 0.20 pg/g 0.36 pg/g 0.29 pg/g 0.15 pg/g 5.6 pg/g 0.90 pg/g 0.68 pg/g 0.63 pg/g	0.17J pg/g 0.20J pg/g 0.36J pg/g 0.29J pg/g 0.15J pg/g 5.6J pg/g 0.90J pg/g 0.68J pg/g 0.63J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-179456-2	RIDB-7-5.0-20170312	1,2,3,4,6,7,8-HpCDD OCDD	1.7 pg/g 7.2 pg/g	1.7J pg/g 7.2J pg/g
440-179456-2	RIDB-7-10.0-20170312	OCDD	9.7 pg/g	9.7J pg/g
440-179456-2	RIDB-7-20.0-20170312	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.063 pg/g 0.089 pg/g 0.086 pg/g 0.44 pg/g 0.27 pg/g 0.11 pg/g 5.9 pg/g 0.87 pg/g 0.15 pg/g 0.14 pg/g 0.85 pg/g 0.55 pg/g	0.063J pg/g 0.089J pg/g 0.086J pg/g 0.44J pg/g 0.27J pg/g 0.11J pg/g 5.9J pg/g 0.87J pg/g 0.15J pg/g 0.14J pg/g 0.85J pg/g 0.55J pg/g
440-179456-2	RIDB-7-30.0-20170312	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.085 pg/g 0.72 pg/g 0.32 pg/g 0.14 pg/g 9.2 pg/g 1.4 pg/g 0.085 pg/g 0.33 pg/g 1.3 pg/g 0.75 pg/g	0.085J pg/g 0.72J pg/g 0.32J pg/g 0.14J pg/g 9.2J pg/g 1.4J pg/g 0.085J pg/g 0.33J pg/g 1.3J pg/g 0.75J pg/g
440-179637-2	RIDB-18-10.0-20170314-EB*	1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HpCDF	1.5 pg/L 9.1 pg/L 7.0 pg/L 1.6 pg/L 2.8 pg/L	1.5J pg/L 9.1J pg/L 7.0J pg/L 1.6J pg/L 2.8J pg/L
440-179637-2	RIDB-18-1.0-20170314**	1,2,3,7,8,9-HxCDF OCDD	0.18 pg/g 0.60 pg/g	0.18J pg/g 0.60J pg/g
440-179637-2	RIDB-18-5.0-20170314**	2,3,7,8-TCDF 1,2,3,7,8-PeCDF 1,2,3,7,8,9-HxCDD 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDD Total TCDF Total PeCDF Total HxCDF Total HpCDD Total HpCDF	0.051 pg/g 0.081 pg/g 0.17 pg/g 0.049 pg/g 0.044 pg/g 0.092 pg/g 0.19 pg/g 0.22 pg/g 0.094 pg/g 0.78 pg/g 0.48 pg/g 0.21 pg/g 0.099 pg/g 0.11 pg/g 0.30 pg/g 0.37 pg/g 0.38 pg/g	0.051J pg/g 0.081J pg/g 0.17J pg/g 0.049J pg/g 0.044J pg/g 0.092J pg/g 0.19J pg/g 0.22J pg/g 0.094J pg/g 0.78J pg/g 0.48J pg/g 0.21J pg/g 0.099J pg/g 0.11J pg/g 0.30J pg/g 0.37J pg/g 0.38J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-179637-2	RIDB-18-10.0-20170314**	2,3,7,8-TCDF	0.052 pg/g	0.052J pg/g
		1,2,3,7,8-PeCDF	0.023 pg/g	0.023J pg/g
		1,2,3,6,7,8-HxCDD	0.087 pg/g	0.087J pg/g
		1,2,3,7,8,9-HxCDD	0.094 pg/g	0.094J pg/g
		1,2,3,4,7,8-HxCDF	0.036 pg/g	0.036J pg/g
		1,2,3,6,7,8-HxCDF	0.030 pg/g	0.030J pg/g
		2,3,4,6,7,8-HxCDF	0.063 pg/g	0.063J pg/g
		1,2,3,7,8,9-HxCDF	0.051 pg/g	0.051J pg/g
		1,2,3,4,6,7,8-HpCDD	0.16 pg/g	0.16J pg/g
		1,2,3,4,6,7,8-HpCDF	0.11 pg/g	0.11J pg/g
		OCDD	0.35 pg/g	0.35J pg/g
		OCDF	0.19 pg/g	0.19J pg/g
		Total TCDD	0.098 pg/g	0.098J pg/g
		Total TCDF	0.074 pg/g	0.074J pg/g
		Total PeCDF	0.058 pg/g	0.058J pg/g
		Total HxCDF	0.18 pg/g	0.18J pg/g
		Total HpCDD	0.37 pg/g	0.37J pg/g
		Total HpCDF	0.19 pg/g	0.19J pg/g
440-179637-2	RIDB-18-20.0-20170314**	2,3,7,8-TCDF	0.058 pg/g	0.058J pg/g
		2,3,4,7,8-PeCDF	0.034 pg/g	0.034J pg/g
		1,2,3,4,7,8-HxCDD	0.030 pg/g	0.030J pg/g
		1,2,3,6,7,8-HxCDD	0.10 pg/g	0.10J pg/g
		1,2,3,7,8,9-HxCDD	0.16 pg/g	0.16J pg/g
		1,2,3,4,7,8-HxCDF	0.077 pg/g	0.077J pg/g
		1,2,3,6,7,8-HxCDF	0.041 pg/g	0.041J pg/g
		2,3,4,6,7,8-HxCDF	0.022 pg/g	0.022J pg/g
		1,2,3,7,8,9-HxCDF	0.19 pg/g	0.19J pg/g
		1,2,3,4,6,7,8-HpCDD	0.15 pg/g	0.15J pg/g
		1,2,3,4,6,7,8-HpCDF	0.14 pg/g	0.14J pg/g
		1,2,3,4,7,8,9-HpCDF	0.077 pg/g	0.077J pg/g
		OCDD	0.33 pg/g	0.33J pg/g
		OCDF	0.21 pg/g	0.21J pg/g
		Total HxCDD	0.34 pg/g	0.34J pg/g
		Total HxCDF	0.32 pg/g	0.32J pg/g
		Total HpCDD	0.26 pg/g	0.26J pg/g
		Total HpCDF	0.25 pg/g	0.25J pg/g
440-179637-2	RIDB-18-30.0-20170314**	2,3,7,8-TCDF	0.11 pg/g	0.11J pg/g
		1,2,3,4,7,8-HxCDD	0.033 pg/g	0.033J pg/g
		1,2,3,6,7,8-HxCDD	0.064 pg/g	0.064J pg/g
		1,2,3,7,8,9-HxCDD	0.089 pg/g	0.089J pg/g
		1,2,3,6,7,8-HxCDF	0.086 pg/g	0.086J pg/g
		2,3,4,6,7,8-HxCDF	0.048 pg/g	0.048J pg/g
		1,2,3,4,6,7,8-HpCDD	0.12 pg/g	0.12J pg/g
		1,2,3,4,6,7,8-HpCDF	0.27 pg/g	0.27J pg/g
		1,2,3,4,7,8,9-HpCDF	0.10 pg/g	0.10J pg/g
		OCDD	0.46 pg/g	0.46J pg/g
		OCDF	0.47 pg/g	0.47J pg/g
		Total TCDD	0.56 pg/g	0.56J pg/g
		Total HxCDD	0.21 pg/g	0.21J pg/g
		Total HxCDF	0.58 pg/g	0.58J pg/g
		Total HpCDD	0.28 pg/g	0.28J pg/g
440-179637-2	RIDB-18-30.0-20170314-FD**	2,3,4,7,8-PeCDF	0.071 pg/g	0.071J pg/g
		1,2,3,6,7,8-HxCDD	0.059 pg/g	0.059J pg/g
		1,2,3,7,8,9-HxCDD	0.062 pg/g	0.062J pg/g
		1,2,3,6,7,8-HxCDF	0.15 pg/g	0.15J pg/g
		1,2,3,7,8,9-HxCDF	0.12 pg/g	0.12J pg/g
		1,2,3,4,6,7,8-HpCDD	0.29 pg/g	0.29J pg/g
		1,2,3,4,7,8,9-HpCDF	0.19 pg/g	0.19J pg/g
		Total HxCDD	0.19 pg/g	0.19J pg/g
		Total HxCDF	0.53 pg/g	0.53J pg/g
		Total HpCDD	0.59 pg/g	0.59J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-180101-2	RIDB-19-5.0-20170320	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF OCDD	0.32 pg/g 0.35 pg/g 5.7 pg/g	0.32J pg/g 0.35J pg/g 5.7J pg/g
440-180101-2	RIDB-19-10.0-20170320	OCDD	3.8 pg/g	3.8J pg/g
440-180101-2	RIDB-19-20.0-20170320	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.17 pg/g 0.13 pg/g 0.34 pg/g 0.25 pg/g 0.096 pg/g 3.1 pg/g 0.77 pg/g 0.77 pg/g 0.31 pg/g 0.69 pg/g 0.50 pg/g	0.17J pg/g 0.13J pg/g 0.34J pg/g 0.25J pg/g 0.096J pg/g 3.1J pg/g 0.77J pg/g 0.77J pg/g 0.31J pg/g 0.69J pg/g 0.50J pg/g
440-180101-2	RIDB-19-30.0-20170320	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.11 pg/g 0.14 pg/g 0.36 pg/g 0.32 pg/g 0.16 pg/g 4.4 pg/g 0.91 pg/g 0.36 pg/g 0.53 pg/g 0.70 pg/g 0.72 pg/g	0.11J pg/g 0.14J pg/g 0.36J pg/g 0.32J pg/g 0.16J pg/g 4.4J pg/g 0.91J pg/g 0.36J pg/g 0.53J pg/g 0.70J pg/g 0.72J pg/g
440-180101-2	RIDB-11-10.0-20170320	OCDD	5.2 pg/g	5.2J pg/g
440-180193-2	RIDB-11-30.0-20170321	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.16 pg/g 0.24 pg/g 0.61 pg/g 5.6 pg/g 0.31 pg/g 1.2 pg/g	0.16J pg/g 0.24J pg/g 0.61J pg/g 5.6J pg/g 0.31J pg/g 1.2J pg/g
440-180193-2	RIDB-27-1.0-20170321	OCDD	7.8 pg/g	7.8J pg/g
440-180331-2	RIDB-12-10.0-20170322**	1,2,3,7,8,9-HxCDD OCDD Total HpCDD	1.0 pg/g 9.8 pg/g 5.9 pg/g	1.0J pg/g 9.8J pg/g 5.9J pg/g
440-180331-2	RIDB-12-30.0-20170322**	1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.11 pg/g 1.0 pg/g 1.1 pg/g 0.37 pg/g 11 pg/g 3.7 pg/g 0.10 pg/g 0.081 pg/g 0.18 pg/g 0.11 pg/g 0.44 pg/g 1.9 pg/g 2.1 pg/g	0.11J pg/g 1.0J pg/g 1.1J pg/g 0.37J pg/g 11J pg/g 3.7J pg/g 0.10J pg/g 0.081J pg/g 0.18J pg/g 0.11J pg/g 0.44J pg/g 1.9J pg/g 2.1J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-180331-2	RIDB-27-5.0-20170321**	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.41 pg/g 2.0 pg/g 12 pg/g 4.2 pg/g	0.41J pg/g 2.0J pg/g 12J pg/g 4.2J pg/g
440-180331-2	RIDB-27-20.0-20170321**	1,2,3,7,8,9-HxCDD OCDD Total HpCDD	1.1 pg/g 9.4 pg/g 6.6 pg/g	1.1J pg/g 9.4J pg/g 6.6J pg/g
440-180331-2	RIDB-27-30.0-20170321**	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD Total HxCDD Total HpCDD	0.18 pg/g 0.16 pg/g 0.85 pg/g 1.8 pg/g 11 pg/g 0.73 pg/g 1.6 pg/g	0.18J pg/g 0.16J pg/g 0.85J pg/g 1.8J pg/g 11J pg/g 0.73J pg/g 1.6J pg/g
440-180439-2	RIDB-28-5.0-20170322	OCDD	19 pg/g	19J pg/g
440-180439-2	RIDB-28-10.0-20170323-FD	OCDD	13 pg/g	13J pg/g
440-180439-2	RIDB-28-20.0-20170323	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total PeCDD Total HxCDD Total HpCDD Total HpCDF	0.39 pg/g 0.24 pg/g 0.54 pg/g 2.5 pg/g 1.1 pg/g 2.2 pg/g 0.46 pg/g 1.1 pg/g 0.86 pg/g 5.0 pg/g	0.39J pg/g 0.24J pg/g 0.54J pg/g 2.5J pg/g 1.1J pg/g 2.2J pg/g 0.46J pg/g 1.1J pg/g 0.86J pg/g 5.0J pg/g
440-180439-2	RIDB-28-30.0-20170323	2,3,7,8-TCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDD Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.078 pg/g 0.093 pg/g 0.14 pg/g 0.39 pg/g 0.34 pg/g 0.099 pg/g 1.6 pg/g 0.89 pg/g 0.11 pg/g 0.17 pg/g 0.99 pg/g 0.22 pg/g 1.0 pg/g 0.55 pg/g	0.078J pg/g 0.093J pg/g 0.14J pg/g 0.39J pg/g 0.34J pg/g 0.099J pg/g 1.6J pg/g 0.89J pg/g 0.11J pg/g 0.17J pg/g 0.99J pg/g 0.22J pg/g 1.0J pg/g 0.55J pg/g
440-180439-2	RIDB-25-30.0-20170323	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total PeCDD Total HxCDD Total HpCDD Total HpCDF	0.15 pg/g 0.24 pg/g 1.1 pg/g 0.51 pg/g 1.3 pg/g 2.6 pg/g 0.43 pg/g 0.51 pg/g 0.57 pg/g 2.4 pg/g	0.15J pg/g 0.24J pg/g 1.1J pg/g 0.51J pg/g 1.3J pg/g 2.6J pg/g 0.43J pg/g 0.51J pg/g 0.57J pg/g 2.4J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-180593-2	RIDB-24-30.0-20170324	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD Total HxCDF Total HpCDD Total HpCDF	0.082 pg/g 0.081 pg/g 0.080 pg/g 0.097 pg/g 0.39 pg/g 0.16 pg/g 0.24 pg/g 0.55 pg/g	0.082J pg/g 0.081J pg/g 0.080J pg/g 0.097J pg/g 0.39J pg/g 0.16J pg/g 0.24J pg/g 0.55J pg/g
440-180593-2	RIDB-26-10.0-20170324	1,2,3,7,8,9-HxCDF OCDD	0.13 pg/g 0.69 pg/g	0.13J pg/g 0.69J pg/g
440-180593-2	RIDB-26-30.0-20170324	Total HpCDD	0.67 pg/g	0.67J pg/g
440-180696-2	RIDB-22-10.0-20170327	OCDD Total HpCDD	0.76 pg/g 0.89 pg/g	0.76J pg/g 0.89J pg/g
440-180696-2	RIDB-22-30.0-20170327	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total TCDF Total HxCDF Total HpCDD Total HpCDF	0.074 pg/g 0.11 pg/g 0.16 pg/g 0.35 pg/g 0.96 pg/g 0.84 pg/g 0.074 pg/g 0.30 pg/g 0.36 pg/g 0.42 pg/g	0.074J pg/g 0.11J pg/g 0.16J pg/g 0.35J pg/g 0.96J pg/g 0.84J pg/g 0.074J pg/g 0.30J pg/g 0.36J pg/g 0.42J pg/g
440-180819-2	RIDB-21-30.0-20170328	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HpCDD Total HpCDF	0.059 pg/g 0.13 pg/g 0.62 pg/g 0.30 pg/g 0.75 pg/g 1.9 pg/g 0.32 pg/g 1.3 pg/g	0.059J pg/g 0.13J pg/g 0.62J pg/g 0.30J pg/g 0.75J pg/g 1.9J pg/g 0.32J pg/g 1.3J pg/g
440-181420-2	RI-5-10.0-20170405	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.083 pg/g 0.076 pg/g 0.066 pg/g 0.069 pg/g 0.18 pg/g 0.87 pg/g 0.28 pg/g 0.39 pg/g	0.083J pg/g 0.076J pg/g 0.066J pg/g 0.069J pg/g 0.18J pg/g 0.87J pg/g 0.28J pg/g 0.39J pg/g
440-181420-2	RI-5-20.0-20170405	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDD 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HpCDD	0.055 pg/g 0.089 pg/g 0.092 pg/g 0.063 pg/g 0.13 pg/g 0.24 pg/g 0.47 pg/g 0.50 pg/g 0.30 pg/g	0.055J pg/g 0.089J pg/g 0.092J pg/g 0.063J pg/g 0.13J pg/g 0.24J pg/g 0.47J pg/g 0.50J pg/g 0.30J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-181420-2	RI-5-30.0-20170405	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDD 1,2,3,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD OCDF Total HxCDD Total HpCDD	0.043 pg/g 0.066 pg/g 0.066 pg/g 0.12 pg/g 0.58 pg/g 0.44 pg/g 0.19 pg/g 0.26 pg/g	0.043J pg/g 0.066J pg/g 0.066J pg/g 0.12J pg/g 0.58J pg/g 0.44J pg/g 0.19J pg/g 0.26J pg/g
440-181661-2	RI-9-5.0-20170407	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.11 pg/g 0.094 pg/g 0.24 pg/g 0.87 pg/g 0.40 pg/g	0.11J pg/g 0.094J pg/g 0.24J pg/g 0.87J pg/g 0.40J pg/g
440-181716-2	RI-7-10.0-20170408	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.20 pg/g 0.15 pg/g 0.57 pg/g 0.31 pg/g	0.20J pg/g 0.15J pg/g 0.57J pg/g 0.31J pg/g
440-181716-2	RI-7-20.0-20170408	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD Total HpCDD Total HpCDF	0.15 pg/g 0.20 pg/g 0.24 pg/g 1.5 pg/g 0.36 pg/g 0.48 pg/g	0.15J pg/g 0.20J pg/g 0.24J pg/g 1.5J pg/g 0.36J pg/g 0.48J pg/g
440-181716-2	RI-7-20.0-20170408-FD	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.17 pg/g 0.27 pg/g 0.21 pg/g 1.5 pg/g 0.86 pg/g 0.17 pg/g 0.43 pg/g 0.64 pg/g	0.17J pg/g 0.27J pg/g 0.21J pg/g 1.5J pg/g 0.86J pg/g 0.17J pg/g 0.43J pg/g 0.64J pg/g
440-181716-2	RI-7-30.0-20170408	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.25 pg/g 0.80 pg/g 0.43 pg/g	0.25J pg/g 0.80J pg/g 0.43J pg/g
440-181722-2	RI-9-10.0-20170408	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD Total HpCDD	0.17 pg/g 0.43 pg/g 0.78 pg/g	0.17J pg/g 0.43J pg/g 0.78J pg/g
440-181722-2	RI-9-30.0-20170408	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HpCDD Total HpCDF	0.090 pg/g 0.15 pg/g 0.30 pg/g 0.85 pg/g 0.79 pg/g 0.32 pg/g 0.57 pg/g	0.090J pg/g 0.15J pg/g 0.30J pg/g 0.85J pg/g 0.79J pg/g 0.32J pg/g 0.57J pg/g
440-181722-2	RI-10-5.0-20170409	Total HpCDD	1.0 pg/g	1.0J pg/g
440-181745-2	RI-20-20.0-20170410**	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.17 pg/g 0.66 pg/g 0.34 pg/g	0.17J pg/g 0.66J pg/g 0.34J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-181745-2	RI-20-30.0-20170410**	1,2,3,4,6,7,8-HpCDD	0.17 pg/g	0.17J pg/g
		OCDD	0.70 pg/g	0.70J pg/g
		Total HpCDD	0.33 pg/g	0.33J pg/g
440-181749-2	RI-10-20.0-20170410	1,2,3,7,8,9-HxCDF	0.11 pg/g	0.11J pg/g
		1,2,3,4,6,7,8-HpCDD	0.34 pg/g	0.34J pg/g
		OCDD	1.5 pg/g	1.5J pg/g
		Total HpCDD	0.66 pg/g	0.66J pg/g
440-181749-2	RI-10-30.0-20170410	1,2,3,7,8,9-HxCDF	0.18 pg/g	0.18J pg/g
		1,2,3,4,6,7,8-HpCDD	0.19 pg/g	0.19J pg/g
		1,2,3,4,6,7,8-HpCDF	0.29 pg/g	0.29J pg/g
		OCDD	1.7 pg/g	1.7J pg/g
		OCDF	0.87 pg/g	0.87J pg/g
		Total HpCDD	0.47 pg/g	0.47J pg/g
		Total HpCDF	0.58 pg/g	0.58J pg/g
440-182494-2	RI-24-10.0-20170418	2,3,7,8-TCDF	0.15 pg/g	0.15J pg/g
		1,2,3,7,8,9-HxCDD	0.15 pg/g	0.15J pg/g
		1,2,3,4,7,8-HxCDF	0.22 pg/g	0.22J pg/g
		1,2,3,6,7,8-HxCDF	0.10 pg/g	0.10J pg/g
		2,3,4,6,7,8-HxCDF	0.041 pg/g	0.041J pg/g
		1,2,3,7,8,9-HxCDF	0.15 pg/g	0.15J pg/g
		1,2,3,4,6,7,8-HpCDD	0.27 pg/g	0.27J pg/g
		1,2,3,4,7,8,9-HpCDF	0.17 pg/g	0.17J pg/g
		OCDD	1.4 pg/g	1.4J pg/g
		Total TCDF	0.60 pg/g	0.60J pg/g
		Total PeCDD	0.040 pg/g	0.040J pg/g
		Total PeCDF	0.38 pg/g	0.38J pg/g
		Total HxCDD	0.27 pg/g	0.27J pg/g
		Total HxCDF	0.88 pg/g	0.88J pg/g
		Total HpCDD	0.51 pg/g	0.51J pg/g
440-182494-2	RI-24-20.0-20170418	2,3,7,8-TCDF	0.082 pg/g	0.082J pg/g
		1,2,3,7,8-PeCDF	0.080 pg/g	0.080J pg/g
		2,3,4,7,8-PeCDF	0.050 pg/g	0.050J pg/g
		1,2,3,7,8,9-HxCDD	0.11 pg/g	0.11J pg/g
		1,2,3,4,7,8-HxCDF	0.23 pg/g	0.23J pg/g
		1,2,3,6,7,8-HxCDF	0.12 pg/g	0.12J pg/g
		2,3,4,6,7,8-HxCDF	0.026 pg/g	0.026J pg/g
		1,2,3,7,8,9-HxCDF	0.17 pg/g	0.17J pg/g
		1,2,3,4,6,7,8-HpCDD	0.11 pg/g	0.11J pg/g
		1,2,3,4,6,7,8-HpCDF	0.47 pg/g	0.47J pg/g
		1,2,3,4,7,8,9-HpCDF	0.19 pg/g	0.19J pg/g
		OCDD	0.43 pg/g	0.43J pg/g
		Total TCDF	0.29 pg/g	0.29J pg/g
		Total PeCDF	0.40 pg/g	0.40J pg/g
		Total HxCDD	0.25 pg/g	0.25J pg/g
		Total HxCDF	0.82 pg/g	0.82J pg/g
		Total HpCDD	0.26 pg/g	0.26J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-182494-2	RI-24-40.0-20170418	2,3,7,8-TCDF	0.066 pg/g	0.066J pg/g
		1,2,3,7,8,9-HxCDD	0.049 pg/g	0.049J pg/g
		1,2,3,4,7,8-HxCDF	0.11 pg/g	0.11J pg/g
		1,2,3,6,7,8-HxCDF	0.085 pg/g	0.085J pg/g
		2,3,4,6,7,8-HxCDF	0.031 pg/g	0.031J pg/g
		1,2,3,7,8,9-HxCDF	0.054 pg/g	0.054J pg/g
		1,2,3,4,6,7,8-HpCDD	0.17 pg/g	0.17J pg/g
		1,2,3,4,6,7,8-HpCDF	0.20 pg/g	0.20J pg/g
		OCDD	0.53 pg/g	0.53J pg/g
		OCDF	0.40 pg/g	0.40J pg/g
		Total TCDF	0.35 pg/g	0.35J pg/g
		Total PeCDF	0.076 pg/g	0.076J pg/g
		Total HxCDD	0.13 pg/g	0.13J pg/g
		Total HxCDF	0.35 pg/g	0.35J pg/g
		Total HpCDD	0.34 pg/g	0.34J pg/g
		Total HpCDF	0.20 pg/g	0.20J pg/g
440-182498-2	RI-25-10.0-20170418	1,2,3,7,8-PeCDD	0.11 pg/g	0.11J pg/g
		1,2,3,7,8,9-HxCDD	0.24 pg/g	0.24J pg/g
		2,3,4,6,7,8-HxCDF	0.17 pg/g	0.17J pg/g
		1,2,3,4,6,7,8-HpCDD	0.34 pg/g	0.34J pg/g
		OCDD	1.2 pg/g	1.2J pg/g
		Total PeCDD	0.11 pg/g	0.11J pg/g
		Total HpCDD	0.57 pg/g	0.57J pg/g
440-182498-2	RI-25-20.0-20170418	OCDD	1.8 pg/g	1.8J pg/g
440-182498-2	RI-25-40.0-20170418	2,3,7,8-TCDF	0.35 pg/g	0.35J pg/g
		1,2,3,7,8-PeCDF	0.14 pg/g	0.14J pg/g
		2,3,4,7,8-PeCDF	0.064 pg/g	0.064J pg/g
		1,2,3,7,8,9-HxCDD	0.028 pg/g	0.028J pg/g
		1,2,3,4,7,8-HxCDF	0.15 pg/g	0.15J pg/g
		1,2,3,6,7,8-HxCDF	0.081 pg/g	0.081J pg/g
		2,3,4,6,7,8-HxCDF	0.050 pg/g	0.050J pg/g
		1,2,3,7,8,9-HxCDF	0.079 pg/g	0.079J pg/g
		1,2,3,4,6,7,8-HpCDD	0.15 pg/g	0.15J pg/g
		1,2,3,4,6,7,8-HpCDF	0.24 pg/g	0.24J pg/g
		1,2,3,4,7,8,9-HpCDF	0.093 pg/g	0.093J pg/g
		OCDD	0.67 pg/g	0.67J pg/g
		OCDF	0.59 pg/g	0.59J pg/g
		Total TCDF	0.53 pg/g	0.53J pg/g
		Total PeCDF	0.33 pg/g	0.33J pg/g
		Total HxCDD	0.092 pg/g	0.092J pg/g
		Total HxCDF	0.41 pg/g	0.41J pg/g
		Total HpCDD	0.30 pg/g	0.30J pg/g
		Total HpCDF	0.45 pg/g	0.45J pg/g
440-182804-2	RI-21-10.0-20170422	1,2,3,7,8,9-HxCDD	0.13 pg/g	0.13J pg/g
		1,2,3,7,8,9-HxCDF	0.082 pg/g	0.082J pg/g
		1,2,3,4,6,7,8-HpCDD	0.16 pg/g	0.16J pg/g
		OCDD	0.57 pg/g	0.57J pg/g
		Total HpCDD	0.31 pg/g	0.31J pg/g
440-182804-2	RI-21-30.0-20170422	1,2,3,7,8,9-HxCDD	0.094 pg/g	0.094J pg/g
		1,2,3,7,8,9-HxCDF	0.11 pg/g	0.11J pg/g
		1,2,3,4,6,7,8-HpCDD	0.12 pg/g	0.12J pg/g
		1,2,3,4,6,7,8-HpCDF	0.12 pg/g	0.12J pg/g
		OCDD	0.73 pg/g	0.73J pg/g
		OCDF	0.28 pg/g	0.28J pg/g
		Total HxCDD	0.094 pg/g	0.094J pg/g
		Total HpCDD	0.28 pg/g	0.28J pg/g
		Total HpCDF	0.12 pg/g	0.12J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-182829-2	RI-8-5.0-20170422	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.17 pg/g 0.24 pg/g 0.61 pg/g 0.42 pg/g	0.17J pg/g 0.24J pg/g 0.61J pg/g 0.42J pg/g
440-182829-2	RI-8-10.0-20170422	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.085 pg/g 0.13 pg/g 0.31 pg/g 0.085 pg/g 0.25 pg/g	0.085J pg/g 0.13J pg/g 0.31J pg/g 0.085J pg/g 0.25J pg/g
440-182829-2	RI-8-10.0-20170422-FD	1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.18 pg/g 0.31 pg/g 0.14 pg/g 0.43 pg/g	0.18J pg/g 0.31J pg/g 0.14J pg/g 0.43J pg/g
440-182829-2	RI-8-20.0-20170422	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.14 pg/g 0.15 pg/g 0.19 pg/g 0.67 pg/g 0.27 pg/g	0.14J pg/g 0.15J pg/g 0.19J pg/g 0.67J pg/g 0.27J pg/g
440-182829-2	RI-8-30.0-20170422	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD Total HpCDD Total HpCDF	0.073 pg/g 0.15 pg/g 0.17 pg/g 0.51 pg/g 0.31 pg/g 0.17 pg/g	0.073J pg/g 0.15J pg/g 0.17J pg/g 0.51J pg/g 0.31J pg/g 0.17J pg/g
440-182886-2	RI-1-30.0-20170424	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.14 pg/g 0.13 pg/g 0.16 pg/g 0.84 pg/g 0.45 pg/g	0.14J pg/g 0.13J pg/g 0.16J pg/g 0.84J pg/g 0.45J pg/g
440-182943-2	RI-2-5.0-20170425**	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.13 pg/g 0.11 pg/g 0.13 pg/g 1.1 pg/g 0.30 pg/g	0.13J pg/g 0.11J pg/g 0.13J pg/g 1.1J pg/g 0.30J pg/g
440-182943-2	RI-2-10.0-20170425**	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.075 pg/g 0.056 pg/g 0.096 pg/g 0.090 pg/g 0.35 pg/g 0.19 pg/g 0.14 pg/g 0.21 pg/g 0.13 pg/g	0.075J pg/g 0.056J pg/g 0.096J pg/g 0.090J pg/g 0.35J pg/g 0.19J pg/g 0.14J pg/g 0.21J pg/g 0.13J pg/g
440-182943-2	RI-2-20.0-20170425**	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.16 pg/g 0.34 pg/g 0.95 pg/g 0.55 pg/g	0.16J pg/g 0.34J pg/g 0.95J pg/g 0.55J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-182943-2	RI-2-30.0-20170425**	1,2,3,7,8,9-HxCDD	0.095 pg/g	0.095J pg/g
		1,2,3,7,8,9-HxCDF	0.16 pg/g	0.16J pg/g
		1,2,3,4,6,7,8-HpCDD	0.15 pg/g	0.15J pg/g
		OCDD	0.54 pg/g	0.54J pg/g
		Total HpCDD	0.35 pg/g	0.35J pg/g
440-183293-2	M-5D-20170501*	1,2,3,4,7,8-HxCDD	0.22 pg/L	0.22J pg/L
		1,2,3,6,7,8-HxCDD	0.52 pg/L	0.52J pg/L
		1,2,3,7,8,9-HxCDD	0.35 pg/L	0.35J pg/L
		1,2,3,4,7,8-HxCDF	0.28 pg/L	0.28J pg/L
		1,2,3,6,7,8-HxCDF	0.35 pg/L	0.35J pg/L
		1,2,3,7,8,9-HxCDF	0.68 pg/L	0.68J pg/L
		1,2,3,4,6,7,8-HpCDD	0.76 pg/L	0.76J pg/L
		1,2,3,4,6,7,8-HpCDF	0.53 pg/L	0.53J pg/L
		1,2,3,4,7,8,9-HpCDF	0.44 pg/L	0.44J pg/L
		OCDD	2.8 pg/L	2.8J pg/L
		OCDF	1.4 pg/L	1.4J pg/L
		Total PeCDF	0.17 pg/L	0.17J pg/L
		Total HxCDD	1.1 pg/L	1.1J pg/L
		Total HxCDF	1.6 pg/L	1.6J pg/L
		Total HpCDD	1.6 pg/L	1.6J pg/L
		Total HpCDF	0.97 pg/L	0.97J pg/L
440-183423-2	M-203-20170502*	1,2,3,7,8-PeCDF	0.45 pg/L	0.45J pg/L
		1,2,3,4,7,8-HxCDD	0.34 pg/L	0.34J pg/L
		1,2,3,6,7,8-HxCDD	0.80 pg/L	0.80J pg/L
		1,2,3,7,8,9-HxCDD	0.82 pg/L	0.82J pg/L
		1,2,3,4,7,8-HxCDF	1.2 pg/L	1.2J pg/L
		2,3,4,6,7,8-HxCDF	0.79 pg/L	0.79J pg/L
		1,2,3,7,8,9-HxCDF	1.3 pg/L	1.3J pg/L
		1,2,3,4,6,7,8-HpCDD	1.5 pg/L	1.5J pg/L
		1,2,3,4,6,7,8-HpCDF	2.6 pg/L	2.6J pg/L
		1,2,3,4,7,8,9-HpCDF	1.0 pg/L	1.0J pg/L
		OCDD	4.9 pg/L	4.9J pg/L
		OCDF	4.2 pg/L	4.2J pg/L
		Total PeCDF	0.99 pg/L	0.99J pg/L
		Total HxCDD	2.0 pg/L	2.0J pg/L
		Total HxCDF	3.3 pg/L	3.3J pg/L
		Total HpCDD	2.5 pg/L	2.5J pg/L
		Total HpCDF	3.7 pg/L	3.7J pg/L
440-183424-2	RI-13-5.0-20170502	1,2,3,4,7,8-HxCDF	0.058 pg/g	0.058J pg/g
		2,3,4,6,7,8-HxCDF	0.036 pg/g	0.036J pg/g
		1,2,3,7,8,9-HxCDF	0.090 pg/g	0.090J pg/g
		1,2,3,4,6,7,8-HpCDD	0.12 pg/g	0.12J pg/g
		1,2,3,4,6,7,8-HpCDF	0.14 pg/g	0.14J pg/g
		1,2,3,4,7,8,9-HpCDF	0.053 pg/g	0.053J pg/g
		OCDD	0.51 pg/g	0.51J pg/g
		OCDF	0.29 pg/g	0.29J pg/g
		Total TCDF	0.029 pg/g	0.029J pg/g
		Total HxCDF	0.21 pg/g	0.21J pg/g
		Total HpCDD	0.27 pg/g	0.27J pg/g
		Total HpCDF	0.24 pg/g	0.24J pg/g
440-183424-2	RI-13-20.0-20170502	1,2,3,7,8,9-HxCDF	0.086 pg/g	0.086J pg/g
		1,2,3,4,6,7,8-HpCDD	0.11 pg/g	0.11J pg/g
		1,2,3,4,7,8,9-HpCDF	0.21 pg/g	0.21J pg/g
		OCDD	0.64 pg/g	0.64J pg/g
		OCDF	1.4 pg/g	1.4J pg/g
		Total HpCDD	0.25 pg/g	0.25J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-183424-2	RI-13-30.0-20170502	1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.066 pg/g 0.031 pg/g 0.057 pg/g 0.057 pg/g 0.15 pg/g 0.072 pg/g 0.34 pg/g 0.40 pg/g 0.21 pg/g 0.17 pg/g 0.33 pg/g	0.066J pg/g 0.031J pg/g 0.057J pg/g 0.057J pg/g 0.15J pg/g 0.072J pg/g 0.34J pg/g 0.40J pg/g 0.21J pg/g 0.17J pg/g 0.33J pg/g
440-183426-2	RIDB-16-10.0-20170502	1,2,3,7,8,9-HxCDF OCDD Total HpCDD	0.14 pg/g 0.74 pg/g 1.1 pg/g	0.14J pg/g 0.74J pg/g 1.1J pg/g
440-183426-2	RIDB-16-20.0-20170502	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.051 pg/g 0.15 pg/g 0.32 pg/g 0.13 pg/g 0.66 pg/g 0.89 pg/g 0.48 pg/g 0.28 pg/g 0.66 pg/g	0.051J pg/g 0.15J pg/g 0.32J pg/g 0.13J pg/g 0.66J pg/g 0.89J pg/g 0.48J pg/g 0.28J pg/g 0.66J pg/g
440-183426-2	RIDB-16-30.0-20170502	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.18 pg/g 0.37 pg/g 0.94 pg/g 0.69 pg/g	0.18J pg/g 0.37J pg/g 0.94J pg/g 0.69J pg/g
440-183574-2	RI-12-5.0-20170503**	1,2,3,7,8,9-HxCDF	0.28 pg/g	0.28J pg/g
440-183574-2	RI-12-10.0-20170503**	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.20 pg/g 0.62 pg/g 4.5 pg/g 1.0 pg/g	0.20J pg/g 0.62J pg/g 4.5J pg/g 1.0J pg/g
440-183574-2	RI-12-20.0-20170503**	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HpCDD Total HpCDF	0.14 pg/g 0.14 pg/g 0.17 pg/g 0.10 pg/g 0.69 pg/g 0.54 pg/g 0.25 pg/g 0.37 pg/g	0.14J pg/g 0.14J pg/g 0.17J pg/g 0.10J pg/g 0.69J pg/g 0.54J pg/g 0.25J pg/g 0.37J pg/g
440-183574-2	RI-12-30.0-20170503**	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD Total HpCDD	0.20 pg/g 0.31 pg/g 0.33 pg/g 0.27 pg/g 1.7 pg/g 0.63 pg/g	0.20J pg/g 0.31J pg/g 0.33J pg/g 0.27J pg/g 1.7J pg/g 0.63J pg/g
440-183574-2	RI-12-30.0-20170503-FD**	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.23 pg/g 0.26 pg/g 0.58 pg/g 3.5 pg/g 1.0 pg/g	0.23J pg/g 0.26J pg/g 0.58J pg/g 3.5J pg/g 1.0J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-183702-2	RI-22-5.0-20170504	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.15 pg/g 0.11 pg/g 0.30 pg/g 3.3 pg/g 0.57 pg/g	0.15J pg/g 0.11J pg/g 0.30J pg/g 3.3J pg/g 0.57J pg/g
440-183702-2	RI-22-10.0-20170504	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total HpCDD Total HpCDF	0.12 pg/g 0.10 pg/g 0.15 pg/g 0.37 pg/g 0.14 pg/g 0.60 pg/g 0.33 pg/g 0.69 pg/g	0.12J pg/g 0.10J pg/g 0.15J pg/g 0.37J pg/g 0.14J pg/g 0.60J pg/g 0.33J pg/g 0.69J pg/g
440-183702-2	RI-22-20.0-20170504	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HpCDD Total HpCDF	0.064 pg/g 0.098 pg/g 0.12 pg/g 0.23 pg/g 0.070 pg/g 0.48 pg/g 0.62 pg/g 0.13 pg/g 0.29 pg/g 0.45 pg/g	0.064J pg/g 0.098J pg/g 0.12J pg/g 0.23J pg/g 0.070J pg/g 0.48J pg/g 0.62J pg/g 0.13J pg/g 0.29J pg/g 0.45J pg/g
440-183702-2	RI-22-30.0-20170504	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.12 pg/g 0.14 pg/g 0.24 pg/g 0.13 pg/g 0.071 pg/g 2.9 pg/g 0.27 pg/g 0.30 pg/g 0.54 pg/g 0.26 pg/g	0.12J pg/g 0.14J pg/g 0.24J pg/g 0.13J pg/g 0.071J pg/g 2.9J pg/g 0.27J pg/g 0.30J pg/g 0.54J pg/g 0.26J pg/g
440-183702-2	RI-22-40.0-20170504	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.066 pg/g 0.13 pg/g 0.10 pg/g 0.17 pg/g 0.047 pg/g 0.45 pg/g 0.40 pg/g 0.14 pg/g 0.13 pg/g 0.27 pg/g 0.32 pg/g	0.066J pg/g 0.13J pg/g 0.10J pg/g 0.17J pg/g 0.047J pg/g 0.45J pg/g 0.40J pg/g 0.14J pg/g 0.13J pg/g 0.27J pg/g 0.32J pg/g
440-184858-2	RI-6-10.0-20170518	1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF OCDD Total HpCDD	0.21 pg/g 0.24 pg/g 0.42 pg/g 0.42 pg/g 0.45 pg/g 1.7 pg/g 1.9 pg/g	0.21J pg/g 0.24J pg/g 0.42J pg/g 0.42J pg/g 0.45J pg/g 1.7J pg/g 1.9J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-184858-2	RI-27-5.0-20170519	2,3,7,8-TCDF	0.13 pg/g	0.13J pg/g
		1,2,3,7,8-PeCDD	0.12 pg/g	0.12J pg/g
		1,2,3,7,8-PeCDF	0.14 pg/g	0.14J pg/g
		2,3,4,7,8-PeCDF	0.13 pg/g	0.13J pg/g
		1,2,3,4,7,8-HxCDD	0.084 pg/g	0.084J pg/g
		1,2,3,6,7,8-HxCDD	0.22 pg/g	0.22J pg/g
		1,2,3,7,8,9-HxCDD	0.31 pg/g	0.31J pg/g
		1,2,3,4,7,8-HxCDF	0.19 pg/g	0.19J pg/g
		1,2,3,6,7,8-HxCDF	0.17 pg/g	0.17J pg/g
		2,3,4,6,7,8-HxCDF	0.085 pg/g	0.085J pg/g
		1,2,3,7,8,9-HxCDF	0.14 pg/g	0.14J pg/g
		1,2,3,4,6,7,8-HpCDD	0.24 pg/g	0.24J pg/g
		1,2,3,4,6,7,8-HpCDF	0.35 pg/g	0.35J pg/g
		1,2,3,4,7,8,9-HpCDF	0.22 pg/g	0.22J pg/g
		OCDD	0.64 pg/g	0.64J pg/g
		OCDF	0.86 pg/g	0.86J pg/g
		Total PeCDD	0.12 pg/g	0.12J pg/g
		Total PeCDF	0.59 pg/g	0.59J pg/g
		Total HxCDD	0.64 pg/g	0.64J pg/g
		Total HxCDF	0.84 pg/g	0.84J pg/g
		Total HpCDD	0.36 pg/g	0.36J pg/g
		Total HpCDF	0.70 pg/g	0.70J pg/g
440-184858-2	RI-27-10.0-20170519	1,2,3,7,8-PeCDD	0.20 pg/g	0.20J pg/g
		1,2,3,7,8-PeCDF	0.50 pg/g	0.50J pg/g
		2,3,4,7,8-PeCDF	0.32 pg/g	0.32J pg/g
		1,2,3,4,7,8-HxCDD	0.12 pg/g	0.12J pg/g
		1,2,3,6,7,8-HxCDD	0.25 pg/g	0.25J pg/g
		1,2,3,7,8,9-HxCDD	0.33 pg/g	0.33J pg/g
		2,3,4,6,7,8-HxCDF	0.25 pg/g	0.25J pg/g
		1,2,3,7,8,9-HxCDF	0.37 pg/g	0.37J pg/g
		1,2,3,4,6,7,8-HpCDD	0.87 pg/g	0.87J pg/g
		Total PeCDD	0.26 pg/g	0.26J pg/g
		Total HxCDD	0.84 pg/g	0.84J pg/g
		Total HpCDD	1.5 pg/g	1.5J pg/g
440-184858-2	RI-27-20.0-20170519	2,3,7,8-TCDF	0.056 pg/g	0.056J pg/g
		1,2,3,7,8-PeCDD	0.14 pg/g	0.14J pg/g
		1,2,3,7,8-PeCDF	0.13 pg/g	0.13J pg/g
		2,3,4,7,8-PeCDF	0.10 pg/g	0.10J pg/g
		1,2,3,4,7,8-HxCDD	0.095 pg/g	0.095J pg/g
		1,2,3,6,7,8-HxCDD	0.24 pg/g	0.24J pg/g
		1,2,3,4,7,8-HxCDF	0.16 pg/g	0.16J pg/g
		1,2,3,6,7,8-HxCDF	0.16 pg/g	0.16J pg/g
		2,3,4,6,7,8-HxCDF	0.12 pg/g	0.12J pg/g
		1,2,3,7,8,9-HxCDF	0.15 pg/g	0.15J pg/g
		1,2,3,4,6,7,8-HpCDD	0.18 pg/g	0.18J pg/g
		1,2,3,4,6,7,8-HpCDF	0.25 pg/g	0.25J pg/g
		1,2,3,4,7,8,9-HpCDF	0.12 pg/g	0.12J pg/g
		OCDD	0.52 pg/g	0.52J pg/g
		OCDF	0.61 pg/g	0.61J pg/g
		Total TCDF	0.099 pg/g	0.099J pg/g
		Total PeCDD	0.14 pg/g	0.14J pg/g
		Total PeCDF	0.24 pg/g	0.24J pg/g
		Total HxCDD	1.0 pg/g	1.0J pg/g
		Total HxCDF	0.65 pg/g	0.65J pg/g
		Total HpCDD	0.38 pg/g	0.38J pg/g
		Total HpCDF	0.47 pg/g	0.47J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-184858-2	RI-27-30.0-20170519	1,2,3,7,8-PeCDD	0.12 pg/g	0.12J pg/g
		1,2,3,7,8-PeCDF	0.30 pg/g	0.30J pg/g
		1,2,3,4,7,8-HxCDD	0.079 pg/g	0.079J pg/g
		1,2,3,6,7,8-HxCDD	0.20 pg/g	0.20J pg/g
		1,2,3,7,8,9-HxCDD	0.16 pg/g	0.16J pg/g
		1,2,3,4,7,8-HxCDF	0.32 pg/g	0.32J pg/g
		1,2,3,6,7,8-HxCDF	0.26 pg/g	0.26J pg/g
		2,3,4,6,7,8-HxCDF	0.17 pg/g	0.17J pg/g
		1,2,3,7,8,9-HxCDF	0.25 pg/g	0.25J pg/g
		1,2,3,4,6,7,8-HpCDD	0.21 pg/g	0.21J pg/g
		1,2,3,4,6,7,8-HpCDF	0.51 pg/g	0.51J pg/g
		1,2,3,4,7,8,9-HpCDF	0.21 pg/g	0.21J pg/g
		OCDD	0.66 pg/g	0.66J pg/g
		OCDF	1.3 pg/g	1.3J pg/g
		Total PeCDD	0.12 pg/g	0.12J pg/g
		Total PeCDF	0.51 pg/g	0.51J pg/g
		Total HxCDD	0.48 pg/g	0.48J pg/g
		Total HxCDF	1.2 pg/g	1.2J pg/g
		Total HpCDD	0.33 pg/g	0.33J pg/g
		Total HpCDF	0.82 pg/g	0.82J pg/g
440-184858-2	RI-27-40.0-20170519	2,3,7,8-TCDF	0.19 pg/g	0.19J pg/g
		1,2,3,7,8-PeCDD	0.14 pg/g	0.14J pg/g
		1,2,3,7,8-PeCDF	0.29 pg/g	0.29J pg/g
		2,3,4,7,8-PeCDF	0.17 pg/g	0.17J pg/g
		1,2,3,4,7,8-HxCDD	0.11 pg/g	0.11J pg/g
		1,2,3,6,7,8-HxCDD	0.15 pg/g	0.15J pg/g
		1,2,3,7,8,9-HxCDD	0.15 pg/g	0.15J pg/g
		1,2,3,4,7,8-HxCDF	0.39 pg/g	0.39J pg/g
		1,2,3,6,7,8-HxCDF	0.26 pg/g	0.26J pg/g
		1,2,3,7,8,9-HxCDF	0.18 pg/g	0.18J pg/g
		1,2,3,4,6,7,8-HpCDD	0.24 pg/g	0.24J pg/g
		1,2,3,4,6,7,8-HpCDF	0.62 pg/g	0.62J pg/g
		1,2,3,4,7,8,9-HpCDF	0.34 pg/g	0.34J pg/g
		OCDD	0.46 pg/g	0.46J pg/g
		Total PeCDD	0.22 pg/g	0.22J pg/g
		Total PeCDF	1.1 pg/g	1.1J pg/g
		Total HxCDD	0.45 pg/g	0.45J pg/g
		Total HxCDF	1.2 pg/g	1.2J pg/g
		Total HpCDD	0.38 pg/g	0.38J pg/g
		Total HpCDF	1.4 pg/g	1.4J pg/g
440-184858-2	RIDB-29-5.0-20170519	1,2,3,4,7,8-HxCDD	0.22 pg/g	0.22J pg/g
		1,2,3,6,7,8-HxCDD	0.33 pg/g	0.33J pg/g
		1,2,3,7,8,9-HxCDD	0.37 pg/g	0.37J pg/g
		OCDD	2.4 pg/g	2.4J pg/g
		Total HpCDD	1.7 pg/g	1.7J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-184950-2	RIDB-29-20.0-20170522	2,3,7,8-TCDF	0.10 pg/g	0.10J pg/g
		1,2,3,7,8-PeCDD	0.11 pg/g	0.11J pg/g
		1,2,3,7,8-PeCDF	0.19 pg/g	0.19J pg/g
		2,3,4,7,8-PeCDF	0.16 pg/g	0.16J pg/g
		1,2,3,4,7,8-HxCDD	0.067 pg/g	0.067J pg/g
		1,2,3,6,7,8-HxCDD	0.15 pg/g	0.15J pg/g
		1,2,3,7,8,9-HxCDD	0.21 pg/g	0.21J pg/g
		1,2,3,7,8,9-HxCDF	0.13 pg/g	0.13J pg/g
		1,2,3,4,6,7,8-HpCDD	0.19 pg/g	0.19J pg/g
		1,2,3,4,6,7,8-HpCDF	0.50 pg/g	0.50J pg/g
		1,2,3,4,7,8,9-HpCDF	0.21 pg/g	0.21J pg/g
		OCDD	0.51 pg/g	0.51J pg/g
		OCDF	1.3 pg/g	1.3J pg/g
		Total TCDF	0.10 pg/g	0.10J pg/g
		Total PeCDD	0.11 pg/g	0.11J pg/g
		Total PeCDF	0.46 pg/g	0.46J pg/g
		Total HxCDD	0.53 pg/g	0.53J pg/g
		Total HxCDF	0.13 pg/g	0.13J pg/g
		Total HpCDD	0.29 pg/g	0.29J pg/g
		Total HpCDF	0.86 pg/g	0.86J pg/g
440-184950-2	RIDB-29-30.0-20170522	1,2,3,7,8-PeCDF	0.13 pg/g	0.13J pg/g
		2,3,4,7,8-PeCDF	0.12 pg/g	0.12J pg/g
		1,2,3,4,7,8-HxCDD	0.069 pg/g	0.069J pg/g
		1,2,3,6,7,8-HxCDD	0.16 pg/g	0.16J pg/g
		1,2,3,7,8,9-HxCDD	0.21 pg/g	0.21J pg/g
		1,2,3,4,7,8-HxCDF	0.22 pg/g	0.22J pg/g
		1,2,3,6,7,8-HxCDF	0.14 pg/g	0.14J pg/g
		2,3,4,6,7,8-HxCDF	0.12 pg/g	0.12J pg/g
		1,2,3,7,8,9-HxCDF	0.19 pg/g	0.19J pg/g
		1,2,3,4,6,7,8-HpCDD	0.36 pg/g	0.36J pg/g
		1,2,3,4,6,7,8-HpCDF	0.37 pg/g	0.37J pg/g
		1,2,3,4,7,8,9-HpCDF	0.17 pg/g	0.17J pg/g
		OCDD	0.61 pg/g	0.61J pg/g
		OCDF	0.70 pg/g	0.70J pg/g
		Total PeCDF	0.25 pg/g	0.25J pg/g
		Total HxCDD	0.45 pg/g	0.45J pg/g
		Total HxCDF	0.68 pg/g	0.68J pg/g
		Total HpCDD	0.98 pg/g	0.98J pg/g
		Total HpCDF	0.57 pg/g	0.57J pg/g
440-185476-2	RI-23-20.0-20170530	1,2,3,4,7,8-HxCDD	0.14 pg/g	0.14J pg/g
		1,2,3,6,7,8-HxCDD	0.28 pg/g	0.28J pg/g
		1,2,3,7,8,9-HxCDD	0.35 pg/g	0.35J pg/g
		1,2,3,7,8,9-HxCDF	0.60 pg/g	0.60J pg/g
		1,2,3,4,6,7,8-HpCDD	0.67 pg/g	0.67J pg/g
		OCDD	2.2 pg/g	2.2J pg/g
		Total HxCDD	0.77 pg/g	0.77J pg/g
		Total HpCDD	1.2 pg/g	1.2J pg/g
440-185476-2	RI-23-30.0-20170530	1,2,3,7,8-PeCDF	0.22 pg/g	0.22J pg/g
		1,2,3,4,7,8-HxCDD	0.17 pg/g	0.17J pg/g
		1,2,3,6,7,8-HxCDD	0.24 pg/g	0.24J pg/g
		1,2,3,7,8,9-HxCDD	0.24 pg/g	0.24J pg/g
		1,2,3,7,8,9-HxCDF	0.28 pg/g	0.28J pg/g
		1,2,3,4,6,7,8-HpCDD	0.33 pg/g	0.33J pg/g
		1,2,3,4,6,7,8-HpCDF	0.40 pg/g	0.40J pg/g
		1,2,3,4,7,8,9-HpCDF	0.28 pg/g	0.28J pg/g
		OCDD	1.1 pg/g	1.1J pg/g
		Total PeCDF	0.32 pg/g	0.32J pg/g
		Total HxCDD	0.65 pg/g	0.65J pg/g
		Total HpCDD	0.51 pg/g	0.51J pg/g
		Total HpCDF	0.81 pg/g	0.81J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-185476-2	RI-23-40.0-20170530	1,2,3,7,8-PeCDF	0.21 pg/g	0.21J pg/g
		1,2,3,4,7,8-HxCDD	0.14 pg/g	0.14J pg/g
		1,2,3,6,7,8-HxCDD	0.48 pg/g	0.48J pg/g
		1,2,3,7,8,9-HxCDD	0.40 pg/g	0.40J pg/g
		1,2,3,4,6,7,8-HpCDD	0.32 pg/g	0.32J pg/g
		1,2,3,4,6,7,8-HpCDF	0.30 pg/g	0.30J pg/g
		OCDD	1.1 pg/g	1.1J pg/g
		Total HxCDD	1.0 pg/g	1.0J pg/g
		Total HpCDD	0.63 pg/g	0.63J pg/g
		Total HpCDF	0.30 pg/g	0.30J pg/g
440-186351-2	RI-17-20.0-20170612	1,2,3,4,7,8-HxCDD	0.099 pg/g	0.099J pg/g
		1,2,3,6,7,8-HxCDD	0.28 pg/g	0.28J pg/g
		1,2,3,7,8,9-HxCDD	0.27 pg/g	0.27J pg/g
		1,2,3,4,6,7,8-HpCDD	0.62 pg/g	0.62J pg/g
		OCDD	2.4 pg/g	2.4J pg/g
		Total HxCDD	0.93 pg/g	0.93J pg/g
		Total HpCDD	1.0 pg/g	1.0J pg/g
440-186351-2	RI-17-30.0-20170612	1,2,3,7,8-PeCDF	0.15 pg/g	0.15J pg/g
		1,2,3,4,7,8-HxCDD	0.11 pg/g	0.11J pg/g
		1,2,3,6,7,8-HxCDD	0.13 pg/g	0.13J pg/g
		1,2,3,7,8,9-HxCDD	0.17 pg/g	0.17J pg/g
		1,2,3,7,8,9-HxCDF	0.18 pg/g	0.18J pg/g
		1,2,3,4,6,7,8-HpCDD	0.25 pg/g	0.25J pg/g
		1,2,3,4,6,7,8-HpCDF	0.33 pg/g	0.33J pg/g
		1,2,3,4,7,8,9-HpCDF	0.18 pg/g	0.18J pg/g
		OCDD	0.81 pg/g	0.81J pg/g
		Total PeCDF	0.36 pg/g	0.36J pg/g
		Total HxCDD	0.42 pg/g	0.42J pg/g
		Total HpCDD	0.47 pg/g	0.47J pg/g
		Total HpCDF	0.59 pg/g	0.59J pg/g
440-186517-2	RI-28-20.0-20170614	1,2,3,7,8-PeCDF	0.17 pg/g	0.17J pg/g
		1,2,3,7,8,9-HxCDF	0.38 pg/g	0.38J pg/g
		1,2,3,4,6,7,8-HpCDD	0.29 pg/g	0.29J pg/g
		1,2,3,4,6,7,8-HpCDF	0.30 pg/g	0.30J pg/g
		1,2,3,4,7,8,9-HpCDF	0.15 pg/g	0.15J pg/g
		OCDD	1.5 pg/g	1.5J pg/g
		Total PeCDF	0.31 pg/g	0.31J pg/g
		Total HpCDD	0.45 pg/g	0.45J pg/g
		Total HpCDF	0.56 pg/g	0.56J pg/g
440-186517-2	RI-28-30.0-20170614	1,2,3,7,8-PeCDF	0.20 pg/g	0.20J pg/g
		1,2,3,4,7,8-HxCDD	0.11 pg/g	0.11J pg/g
		1,2,3,6,7,8-HxCDD	0.19 pg/g	0.19J pg/g
		1,2,3,7,8,9-HxCDD	0.34 pg/g	0.34J pg/g
		1,2,3,7,8,9-HxCDF	0.28 pg/g	0.28J pg/g
		1,2,3,4,6,7,8-HpCDD	0.22 pg/g	0.22J pg/g
		1,2,3,4,6,7,8-HpCDF	0.50 pg/g	0.50J pg/g
		1,2,3,4,7,8,9-HpCDF	0.27 pg/g	0.27J pg/g
		OCDD	0.93 pg/g	0.93J pg/g
		Total HxCDD	0.65 pg/g	0.65J pg/g
		Total HpCDD	0.41 pg/g	0.41J pg/g
		Total HpCDF	0.92 pg/g	0.92J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-186517-2	RI-28-40.0-20170614	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total HxCDD Total HpCDD Total HpCDF	0.19 pg/g 0.13 pg/g 0.20 pg/g 0.26 pg/g 0.28 pg/g 0.35 pg/g 0.27 pg/g 0.22 pg/g 2.1 pg/g 0.60 pg/g 0.61 pg/g 0.49 pg/g	0.19J pg/g 0.13J pg/g 0.20J pg/g 0.26J pg/g 0.28J pg/g 0.35J pg/g 0.27J pg/g 0.22J pg/g 2.1J pg/g 0.60J pg/g 0.61J pg/g 0.49J pg/g
440-186634-2	RI-11-5.0-20170615	1,2,3,4,7,8-HxCDD 1,2,3,7,8,9-HxCDF	0.19 pg/g 0.58 pg/g	0.19J pg/g 0.58J pg/g
440-186634-2	RI-11-10.0-20170615	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDF	0.18 pg/g 0.42 pg/g 0.34 pg/g	0.18J pg/g 0.42J pg/g 0.34J pg/g
440-186634-2	RI-11-20.0-20170615	1,2,3,4,7,8-HxCDD	0.33 pg/g	0.33J pg/g
440-186634-2	RI-11-30.0-20170615	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total PeCDF Total HxCDD Total HpCDD Total HpCDF	0.16 pg/g 0.10 pg/g 0.18 pg/g 0.52 pg/g 0.20 pg/g 0.95 pg/g 0.16 pg/g 0.26 pg/g 0.33 pg/g 0.72 pg/g	0.16J pg/g 0.10J pg/g 0.18J pg/g 0.52J pg/g 0.20J pg/g 0.95J pg/g 0.16J pg/g 0.26J pg/g 0.33J pg/g 0.72J pg/g
440-186720-2	RI-26-1.0-20170616	1,2,3,4,7,8-HxCDD	0.81 pg/g	0.81J pg/g
440-186720-2	RI-26-5.0-20170616	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.93 pg/g 0.59 pg/g 0.58 pg/g 0.31 pg/g 0.27 pg/g 0.51 pg/g 1.5 pg/g 0.89 pg/g 0.51 pg/g	0.93J pg/g 0.59J pg/g 0.58J pg/g 0.31J pg/g 0.27J pg/g 0.51J pg/g 1.5J pg/g 0.89J pg/g 0.51J pg/g
440-186720-2	RI-26-5.0-20170616-FD	2,3,4,7,8-PeCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.54 pg/g 0.60 pg/g 0.42 pg/g 0.30 pg/g 0.58 pg/g 3.1 pg/g 1.0 pg/g 0.58 pg/g	0.54J pg/g 0.60J pg/g 0.42J pg/g 0.30J pg/g 0.58J pg/g 3.1J pg/g 1.0J pg/g 0.58J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-186720-2	RI-26-10.0-20170616	1,2,3,7,8-PeCDF	0.20 pg/g	0.20J pg/g
		2,3,4,7,8-PeCDF	0.17 pg/g	0.17J pg/g
		1,2,3,4,7,8-HxCDD	0.16 pg/g	0.16J pg/g
		1,2,3,6,7,8-HxCDD	0.17 pg/g	0.17J pg/g
		1,2,3,7,8,9-HxCDD	0.27 pg/g	0.27J pg/g
		1,2,3,4,7,8-HxCDF	0.20 pg/g	0.20J pg/g
		1,2,3,6,7,8-HxCDF	0.28 pg/g	0.28J pg/g
		2,3,4,6,7,8-HxCDF	0.20 pg/g	0.20J pg/g
		1,2,3,7,8,9-HxCDF	0.28 pg/g	0.28J pg/g
		1,2,3,4,6,7,8-HpCDD	0.68 pg/g	0.68J pg/g
		Total PeCDF	0.36 pg/g	0.36J pg/g
		Total HxCDD	0.60 pg/g	0.60J pg/g
		Total HxCDF	0.97 pg/g	0.97J pg/g
440-186720-2	RI-26-20.0-20170616	1,2,3,7,8-PeCDF	0.14 pg/g	0.14J pg/g
		2,3,4,7,8-PeCDF	0.13 pg/g	0.13J pg/g
		1,2,3,4,7,8-HxCDD	0.16 pg/g	0.16J pg/g
		1,2,3,6,7,8-HxCDD	0.31 pg/g	0.31J pg/g
		1,2,3,7,8,9-HxCDD	0.33 pg/g	0.33J pg/g
		1,2,3,4,7,8-HxCDF	0.20 pg/g	0.20J pg/g
		1,2,3,6,7,8-HxCDF	0.14 pg/g	0.14J pg/g
		2,3,4,6,7,8-HxCDF	0.21 pg/g	0.21J pg/g
		1,2,3,7,8,9-HxCDF	0.21 pg/g	0.21J pg/g
		1,2,3,4,6,7,8-HpCDD	0.39 pg/g	0.39J pg/g
		OCDD	1.9 pg/g	1.9J pg/g
		Total PeCDF	0.27 pg/g	0.27J pg/g
		Total HxCDD	0.80 pg/g	0.80J pg/g
		Total HxCDF	0.76 pg/g	0.76J pg/g
		Total HpCDD	0.39 pg/g	0.39J pg/g
440-186786-2	RI-26-30.0-20170616	1,2,3,7,8-PeCDF	0.19 pg/g	0.19J pg/g
		1,2,3,4,7,8-HxCDD	0.12 pg/g	0.12J pg/g
		1,2,3,6,7,8-HxCDD	0.15 pg/g	0.15J pg/g
		1,2,3,7,8,9-HxCDD	0.25 pg/g	0.25J pg/g
		1,2,3,6,7,8-HxCDF	0.17 pg/g	0.17J pg/g
		2,3,4,6,7,8-HxCDF	0.13 pg/g	0.13J pg/g
		1,2,3,7,8,9-HxCDF	0.19 pg/g	0.19J pg/g
		1,2,3,4,6,7,8-HpCDD	0.28 pg/g	0.28J pg/g
		OCDD	0.80 pg/g	0.80J pg/g
		Total PeCDF	0.19 pg/g	0.19J pg/g
		Total HxCDD	0.51 pg/g	0.51J pg/g
		Total HxCDF	0.49 pg/g	0.49J pg/g
		Total HpCDD	0.40 pg/g	0.40J pg/g
440-186786-2	RI-26-40.0-20170616	1,2,3,7,8-PeCDF	0.28 pg/g	0.28J pg/g
		1,2,3,4,7,8-HxCDD	0.23 pg/g	0.23J pg/g
		1,2,3,6,7,8-HxCDD	0.45 pg/g	0.45J pg/g
		1,2,3,7,8,9-HxCDD	0.36 pg/g	0.36J pg/g
		2,3,4,6,7,8-HxCDF	0.23 pg/g	0.23J pg/g
		1,2,3,4,6,7,8-HpCDD	0.45 pg/g	0.45J pg/g
		OCDD	1.8 pg/g	1.8J pg/g
		Total PeCDF	0.28 pg/g	0.28J pg/g
		Total HxCDD	1.0 pg/g	1.0J pg/g
		Total HxCDF	0.87 pg/g	0.87J pg/g
		Total HpCDD	0.70 pg/g	0.70J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-187533-2	RI-3-5.0-20170629	1,2,3,7,8-PeCDF	0.35 pg/g	0.35J pg/g
		2,3,4,7,8-PeCDF	0.23 pg/g	0.23J pg/g
		1,2,3,4,7,8-HxCDD	0.49 pg/g	0.49J pg/g
		1,2,3,6,7,8-HxCDD	0.38 pg/g	0.38J pg/g
		1,2,3,7,8,9-HxCDD	0.61 pg/g	0.61J pg/g
		1,2,3,4,7,8-HxCDF	0.37 pg/g	0.37J pg/g
		1,2,3,6,7,8-HxCDF	0.30 pg/g	0.30J pg/g
		2,3,4,6,7,8-HxCDF	0.32 pg/g	0.32J pg/g
		1,2,3,7,8,9-HxCDF	0.49 pg/g	0.49J pg/g
		Total PeCDF	0.82 pg/g	0.82J pg/g
		Total HxCDD	1.5 pg/g	1.5J pg/g
		Total HxCDF	1.5 pg/g	1.5J pg/g
440-187533-2	RI-3-10.0-20170629	1,2,3,4,7,8-HxCDD	0.13 pg/g	0.13J pg/g
		1,2,3,6,7,8-HxCDD	0.13 pg/g	0.13J pg/g
		1,2,3,7,8,9-HxCDD	0.29 pg/g	0.29J pg/g
		1,2,3,4,7,8-HxCDF	0.21 pg/g	0.21J pg/g
		1,2,3,6,7,8-HxCDF	0.24 pg/g	0.24J pg/g
		2,3,4,6,7,8-HxCDF	0.14 pg/g	0.14J pg/g
		1,2,3,7,8,9-HxCDF	0.23 pg/g	0.23J pg/g
		1,2,3,4,6,7,8-HpCDD	0.21 pg/g	0.21J pg/g
		Total HxCDD	0.65 pg/g	0.65J pg/g
		Total HxCDF	0.81 pg/g	0.81J pg/g
		Total HpCDD	0.30 pg/g	0.30J pg/g
440-187533-2	RI-3-20.0-20170629	2,3,4,7,8-PeCDF	0.21 pg/g	0.21J pg/g
		1,2,3,4,7,8-HxCDD	0.29 pg/g	0.29J pg/g
		1,2,3,6,7,8-HxCDD	0.51 pg/g	0.51J pg/g
		1,2,3,7,8,9-HxCDD	0.40 pg/g	0.40J pg/g
		1,2,3,4,7,8-HxCDF	0.39 pg/g	0.39J pg/g
		1,2,3,6,7,8-HxCDF	0.35 pg/g	0.35J pg/g
		2,3,4,6,7,8-HxCDF	0.35 pg/g	0.35J pg/g
		1,2,3,7,8,9-HxCDF	0.39 pg/g	0.39J pg/g
		1,2,3,4,6,7,8-HpCDD	0.74 pg/g	0.74J pg/g
		OCDD	0.73 pg/g	0.73J pg/g
		Total PeCDF	0.21 pg/g	0.21J pg/g
		Total HxCDD	1.2 pg/g	1.2J pg/g
		Total HxCDF	1.5 pg/g	1.5J pg/g
440-187589-2	RI-4-5.0-20170630	1,2,3,4,6,7,8-HpCDD	0.23 pg/g	0.23J pg/g
		1,2,3,4,6,7,8-HpCDF	1.1 pg/g	1.1J pg/g
		OCDD	1.5 pg/g	1.5J pg/g
		OCDF	2.9 pg/g	2.9J pg/g
		Total PeCDD	0.11 pg/g	0.11J pg/g
		Total HpCDD	0.23 pg/g	0.23J pg/g
		Total HpCDF	2.0 pg/g	2.0J pg/g
440-187594-2	RI-4-10.0-20170630**	1,2,3,4,6,7,8-HpCDD	0.48 pg/g	0.48J pg/g
		1,2,3,4,6,7,8-HpCDF	0.31 pg/g	0.31J pg/g
		OCDD	6.3 pg/g	6.3J pg/g
		OCDF	1.1 pg/g	1.1J pg/g
		Total HpCDD	0.83 pg/g	0.83J pg/g
		Total HpCDF	0.60 pg/g	0.60J pg/g
440-187594-2	RI-4-20.0-20170630**	1,2,3,4,6,7,8-HpCDD	2.3 pg/g	2.3J pg/g
		OCDD	72 pg/g	72J pg/g
		OCDF	12 pg/g	12J pg/g
		Total PeCDD	0.15 pg/g	0.15J pg/g
		Total HpCDD	3.8 pg/g	3.8J pg/g

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
440-187594-2	RI-4-30.0-20170630**	1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HpCDD Total HpCDF	3.7 pg/g 0.90 pg/g 110 pg/g 8.0 pg/g 6.5 pg/g 3.0 pg/g	3.7J pg/g 0.90J pg/g 110J pg/g 8.0J pg/g 6.5J pg/g 3.0J pg/g
440-187594-2	RI-4-30.0-20170630-FD**	1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HpCDD Total HpCDF	0.46 pg/g 0.82 pg/g 8.1 pg/g 2.4 pg/g 0.46 pg/g 1.4 pg/g	0.46J pg/g 0.82J pg/g 8.1J pg/g 2.4J pg/g 0.46J pg/g 1.4J pg/g

VI. Field Blanks

Samples RIDB-10-10.0-20170224-EB* (from SDG 320-26104-1), RIDB-1-30.0-20170308-EB* (from SDG 440-179153-2), and RIDB-18-10.0-20170314-EB* (from SDG 440-179637-2) were identified as equipment blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Compound	Concentration	Associated Samples
320-26104-1	RIDB-10-10.0-20170224-EB*	02/24/17	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.71 pg/L 0.91 pg/L 0.90 pg/L 2.3 pg/L 2.1 pg/L 14 pg/L 7.7 pg/L 1.6 pg/L 0.90 pg/L 2.3 pg/L 2.9 pg/L	RIDB-10-10.0-20170224
440-179153-2	RIDB-1-30.0-20170308-EB*	03/08/17	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total HxCDD Total HpCDD Total HpCDF	1.1 pg/L 0.80 pg/L 0.92 pg/L 0.79 pg/L 1.7 pg/L 1.4 pg/L 0.92 pg/L 12 pg/L 5.2 pg/L 1.9 pg/L 1.7 pg/L 3.7 pg/L 2.4 pg/L	RIDB-1-30.0-20170308

SDG	Blank ID	Collection Date	Compound	Concentration	Associated Samples
440-179637-2	RIDB-18-10.0-20170314-EB*	03/14/17	1,2,3,7,8-PeCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	1.9 pg/L 1.4 pg/L 2.0 pg/L 2.0 pg/L 1.5 pg/L 1.3 pg/L 9.1 pg/L 7.0 pg/L 1.9 pg/L 1.6 pg/L 3.4 pg/L 2.0 pg/L 2.8 pg/L	RIDB-18-10.0-20170314**

Sample concentrations were compared to concentrations detected in the field blanks. The sample concentrations were either not detected or were significantly greater than the concentrations found in the associated field blanks.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Compound	Flag	A or P
440-180331-2	RIDB-27-30.0-20170321MS/MSD** (RIDB-27-30.0-20170321**)	1,2,3,4,7,8,9-HpCDF	134 (68-129)	-	1,2,3,4,7,8,9-HpCDF Total HpCDF	J+ (all detects) J+ (all detects)	A

Relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	Affected Compound	Flag	A or P
440-183574-2	LCS 320-167137/2-A (RI-12-5.0-20170503** RI-12-20.0-20170503** RI-12-30.0-20170503** RI-12-30.0-20170503-FD**)	1,2,3,7,8-PeCDD	126 (70-122)	1,2,3,7,8-PeCDD Total PeCDD	J+ (all detects) J+ (all detects)	P
440-183702-2	LCS 320-167137/2-A (RI-22-1.0-20170504)	1,2,3,7,8-PeCDD	126 (70-122)	1,2,3,7,8-PeCDD Total PeCDD	J+ (all detects) J+ (all detects)	P

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	Affected Compound	Flag	A or P
440-187589-2	LCS/D 320-174073 (RI-4-5.0-20170630)	OCDD	141 (70-128)	-	J+ (all detects)	P
440-187594-2	LCS/D 320-174073 (RI-4-10.0-20170630** RI-4-20.0-20170630** RI-4-30.0-20170630** RI-4-30.0-20170630-FD**)	OCDD	141 (70-128)	-	J+ (all detects)	P

Relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	LCS ID (Associated Samples)	Compound	RPD (Limits)	Flag	A or P
440-187589-2	LCS/D 320-174073 (RI-4-5.0-20170630)	OCDD	33 (≤20)	J (all detects)	P
440-187594-2	LCS/D 320-174073 (RI-4-10.0-20170630** RI-4-20.0-20170630** RI-4-30.0-20170630** RI-4-30.0-20170630-FD**)	OCDD	33 (≤20)	J (all detects)	P

IX. Field Duplicates

Samples RIDB-8-30.0-20170222 and RIDB-8-30.0-20170222-FD (both from SDG 320-26104-1), samples RIDB-14-10.0-20170223 and RIDB-14-10.0-20170223-FD (both from SDG 320-26104-1), samples RIDB-13-30.0-20170224 and RIDB-13-30.0-20170224-FD (both from SDG 320-26104-1), samples RIDB-6-5.0-20170225 and RIDB-6-5.0-20170225-FD (both from SDG 320-26133-1), samples RIDB-4-10.0-20170307 and RIDB-4-10.0-20170307-FD (both from SDG 440-179022-2), samples RIDB-20-30.0-20170308 and RIDB-20-30.0-20170308-FD (both from SDG 440-179153-2), samples RIDB-2-20.0-20170309 and RIDB-2-20.0-20170309-FD (both from SDG 440-179280-2), samples RIDB-17-30.0-20170309 and RIDB-17-30.0-20170309-FD (both from SDG 440-179280-2), samples RIDB-5-5.0-20170311 and RIDB-5-5.0-20170311-FD (both from SDG 440-179456-2), samples RIDB-7-0.5-20170312 and RIDB-7-0.5-20170312-FD (both from 440-179456-2),samples RIDB-18-30.0-20170314** and RIDB-18-30.0-20170314-FD** (both from SDG 440-179637-2), samples RIDB-28-10.0-20170323 and RIDB-28-10.0-20170323-FD (both from SDG 440-180439-2), samples RIDB-22-1.0-20170327 and RIDB-22-1.0-20170327-FD (both from SDG 440-180696-2), samples RI-7-20.0-20170408 and RI-7-20.0-20170408-FD (both from SDG 440-181716-2), samples RI-8-10.0-20170422 and RI-8-10.0-20170422-FD (both from SDG 440-182829-2), samples RI-12-30.0-20170503** and RI-12-30.0-20170503-FD** (both from SDG 440-183574-2), samples RI-26-5.0-20170616 and RI-26-5.0-20170616-FD (both from SDG 440-186720-2), samples RI-4-30.0-20170630** and RI-4-30.0-20170630-FD** (both from SDG 440-187594-2), and samples RI-4-30.0-20170630RE** and RI-4-30.0-20170630-FDRE** (both from SDG 440-187594-2) were identified as field duplicates. No results were detected in any of the samples with the following

exceptions:

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-8-30.0-20170222	RIDB-8-30.0-20170222-FD			
320-26104-1	1,2,3,6,7,8-HxCDD	0.28U	0.19	Not calculable	-	-
	1,2,3,7,8,9-HxCDD	0.59	0.17	Not calculable	-	-
	1,2,3,4,7,8-HxCDF	0.51U	0.23	Not calculable	-	-
	1,2,3,6,7,8-HxCDF	0.48U	0.20	Not calculable	-	-
	1,2,3,7,8,9-HxCDF	0.82	0.35	Not calculable	-	-
	1,2,3,4,6,7,8-HpCDD	2.1	0.41	Not calculable	-	-
	1,2,3,4,6,7,8-HpCDF	1.3	0.74	Not calculable	-	-
	1,2,3,4,7,8,9-HpCDF	0.85	0.34	Not calculable	-	-
	OCDD	11	4.5	Not calculable	-	-
	OCDF	4.2	1.7	Not calculable	-	-
	Total TCDD	0.44U	0.38	Not calculable	-	-
	Total TCDF	0.31U	0.21	Not calculable	-	-
	Total HxCDD	0.59	0.36	Not calculable	-	-
	Total HxCDF	0.82	0.78	Not calculable	-	-
	Total HpCDD	5.5	1.3	Not calculable	-	-
	Total HpCDF	2.8	1.6	Not calculable	-	-

The RPDs for samples RIDB-8-30.0-20170222 and RIDB-8-30.0-20170222-FD (both from SDG 320-26104-1) were considered not calculable since, as noted in Section I, the laboratory took portions of sample RIDB-8-30.0-20170222 and analyzed as RIDB-8-30.0-20170222-FD.

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-14-10.0-20170223	RIDB-14-10.0-20170223-FD			
320-26104-1	2,3,7,8-TCDF	2.3	4.6	67 (≤50)	NQ	-
	1,2,3,7,8-PeCDF	1.9	5.5	97 (≤50)	NQ	-
	2,3,4,7,8-PeCDF	1.1	3.1	95 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDD	0.35	0.58	49 (≤50)	-	-
	1,2,3,6,7,8-HxCDD	0.63	1.5	82 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDD	0.79	1.9	83 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDF	5.8	16	94 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDF	3.5	10	96 (≤50)	NQ	-
	2,3,4,6,7,8-HxCDF	0.80	3.1	118 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDF	0.94	1.7	58 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDD	2.1	6.2	99 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDF	14	37	90 (≤50)	NQ	-
	1,2,3,4,7,8,9-HpCDF	4.6	12	89 (≤50)	NQ	-
	OCDD	9.5	18	62 (≤50)	NQ	-
	OCDF	36	83	79 (≤50)	NQ	-
	Total TCDF	9.7	22	78 (≤50)	NQ	-
	Total PeCDD	1.2	3.7	102 (≤50)	NQ	-
	Total PeCDF	15	43	97 (≤50)	NQ	-
	Total HxCDD	2.9	9.2	104 (≤50)	NQ	-
	Total HxCDF	23	71	102 (≤50)	NQ	-
	Total HpCDD	4.4	11	86 (≤50)	NQ	-
	Total HpCDF	28	72	88 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-13-30.0-20170224	RIDB-13-30.0-20170224-FD			
320-26104-1	2,3,7,8-TCDF	1.9	1.4	30 (≤50)	-	-
	2,3,4,7,8-PeCDF	1.4	1.9	30 (≤50)	-	-
	1,2,3,4,7,8-HxCDD	0.62U	1.7	200 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDD	1.2	1.4	15 (≤50)	-	-
	1,2,3,7,8,9-HxCDD	2.0	0.57U	200 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDF	4.2	6.3	40 (≤50)	-	-
	1,2,3,6,7,8-HxCDF	0.70U	3.1	200 (≤50)	NQ	-
	2,3,4,6,7,8-HxCDF	0.75U	2.1	200 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDF	2.4	1.6	40 (≤50)	-	-
	1,2,3,4,6,7,8-HpCDD	2.3	3.9	52 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDF	7.4	11	39 (≤50)	-	-
	1,2,3,4,7,8,9-HpCDF	2.1U	4.2	67 (≤50)	NQ	-
	OCDD	16	14	13 (≤50)	-	-
	OCDF	16	24	40 (≤50)	-	-
	Total TCDF	1.9	4.4	79 (≤50)	NQ	-
	Total PeCDD	1.6	1.7	6 (≤50)	-	-
	Total PeCDF	1.9	5.1	91 (≤50)	NQ	-
	Total HxCDD	3.2	3.1	3 (≤50)	-	-
	Total HxCDF	6.6	16	83 (≤50)	NQ	-
	Total HpCDD	6.6	7.1	7 (≤50)	-	-
	Total HpCDF	7.4	19	88 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-6-5.0-20170225	RIDB-6-5.0-20170225-FD			
320-26133-1	2,3,7,8-TCDD	5.3	1.1	131 (≤50)	NQ	-
	1,2,3,7,8-PeCDD	15	7.6	65 (≤50)	NQ	-
	1,2,3,7,8-PeCDF	280	130	73 (≤50)	J (all detects)	A
	2,3,4,7,8-PeCDF	140	66	72 (≤50)	J (all detects)	A
	1,2,3,4,7,8-HxCDD	12	5.6	73 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDD	27	12	77 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDD	28	13	73 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDF	740	310	82 (≤50)	J (all detects)	A
	1,2,3,6,7,8-HxCDF	470	200	81 (≤50)	NQ	-
	2,3,4,6,7,8-HxCDF	92	43	73 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDF	46	24	63 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDD	110	50	75 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDF	2000	840	82 (≤50)	J (all detects)	A
	1,2,3,4,7,8,9-HpCDF	730	290	86 (≤50)	J (all detects)	A
	OCDD	150	61	84 (≤50)	NQ	-
	OCDF	5400	2300	81 (≤50)	J (all detects)	A
	Total TCDD	130	56	80 (≤50)	NQ	-
	Total TCDF	1800	780	79 (≤50)	NQ	-
	Total PeCDD	150	74	68 (≤50)	NQ	-
	Total PeCDF	2300	1100	71 (≤50)	J (all detects)	A
	Total HxCDD	180	82	75 (≤50)	NQ	-
	Total HxCDF	3000	1300	79 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-6-5.0-20170225	RIDB-6-5.0-20170225-FD			
320-26133-1	Total HpCDD	180	78	79 (≤50)	J (all detects)	A
	Total HpCDF	3800	1600	81 (≤50)	J (all detects)	A
	2,3,7,8-TCDF	120	62	64 (≤50)	J (all detects)	A

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-4-10.0-20170307	RIDB-4-10.0-20170307-FD			
440-179022-2	2,3,7,8-TCDF	0.13U	0.60	200 (≤50)	NQ	-
	1,2,3,7,8-PeCDD	0.21U	0.89	200 (≤50)	NQ	-
	2,3,4,7,8-PeCDF	0.16U	0.76	200 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDD	0.13U	0.97	200 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDD	0.11U	0.79	200 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDF	0.52	1.6	102 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDF	0.19	1.2	145 (≤50)	NQ	-
	2,3,4,6,7,8-HxCDF	0.14U	0.79	200 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDF	0.39	1.0	88 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDD	0.49	1.6	106 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDF	0.95	3.0	104 (≤50)	NQ	-
	1,2,3,4,7,8,9-HpCDF	0.20U	1.5	200 (≤50)	NQ	-
	OCDD	3.0	24	156 (≤50)	NQ	-
	OCDF	2.5	7.5	100 (≤50)	NQ	-
	Total TCDF	0.24	1.9	155 (≤50)	NQ	-
	Total PeCDD	0.21U	0.89	200 (≤50)	NQ	-
	Total PeCDF	0.16U	1.7	200 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-4-10.0-20170307	RIDB-4-10.0-20170307-FD			
440-179022-2	Total HxCDD	0.34U	2.3	200 (≤50)	NQ	-
	Total HxCDF	1.1	4.7	124 (≤50)	NQ	-
	Total HpCDD	1.4	3.3	81 (≤50)	NQ	-
	Total HpCDF	1.5	6.1	121 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-20-30.0-20170308	RIDB-20-30.0-20170308-FD			
440-179153-2	2,3,7,8-TCDF	0.056	0.037	41 (≤50)	-	-
	1,2,3,7,8-PeCDF	0.024U	0.057	200 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDD	0.022U	0.032	200 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDF	0.080	0.082	2 (≤50)	-	-
	1,2,3,6,7,8-HxCDF	0.069	0.053	26 (≤50)	-	-
	1,2,3,7,8,9-HxCDF	0.026U	0.050	200 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDD	0.099	0.095	4 (≤50)	-	-
	1,2,3,4,6,7,8-HpCDF	0.23	0.18	24 (≤50)	-	-
	1,2,3,4,7,8,9-HpCDF	0.045U	0.087	200 (≤50)	NQ	-
	OCDD	0.54	0.31	54 (≤50)	NQ	-
	OCDF	0.70	0.41	52 (≤50)	NQ	-
	Total TCDF	0.17	0.11	43 (≤50)	-	-
	Total PeCDF	0.024U	0.12	200 (≤50)	NQ	-
	Total HxCDD	0.030U	0.032	200 (≤50)	NQ	-
	Total HxCDF	0.15	0.22	38 (≤50)	-	-
	Total HpCDD	0.23	0.18	24 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-20-30.0-20170308	RIDB-20-30.0-20170308-FD			
440-179153-2	Total HpCDF	0.37	0.39	5 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-2-20.0-20170309	RIDB-2-20.0-20170309-FD			
440-179280-2	2,3,7,8-TCDD	0.041	0.10	84 (≤50)	NQ	-
	1,2,3,7,8-PeCDD	0.16	0.20	22 (≤50)	-	-
	1,2,3,7,8-PeCDF	2.3	2.8	20 (≤50)	-	-
	2,3,4,7,8-PeCDF	1.2	1.4	15 (≤50)	-	-
	1,2,3,4,7,8-HxCDD	0.11	0.21	62 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDD	0.26	0.40	42 (≤50)	-	-
	1,2,3,7,8,9-HxCDD	0.28	0.38	30 (≤50)	-	-
	1,2,3,4,7,8-HxCDF	5.6	7.6	30 (≤50)	-	-
	1,2,3,6,7,8-HxCDF	3.2	4.4	32 (≤50)	-	-
	2,3,4,6,7,8-HxCDF	0.84	1.2	35 (≤50)	-	-
	1,2,3,7,8,9-HxCDF	0.55	0.76	32 (≤50)	-	-
	1,2,3,4,6,7,8-HpCDD	0.94	1.5	46 (≤50)	-	-
	1,2,3,4,6,7,8-HpCDF	13	17	27 (≤50)	-	-
	1,2,3,4,7,8,9-HpCDF	4.7	6.1	26 (≤50)	-	-
	OCDD	1.5	2.0	29 (≤50)	-	-
	OCDF	34	36	6 (≤50)	-	-
	Total TCDD	1.2	1.5	22 (≤50)	-	-
	Total TCDF	12	15	22 (≤50)	-	-
	Total PeCDD	1.4	1.9	30 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-2-20.0-20170309	RIDB-2-20.0-20170309-FD			
440-179280-2	Total PeCDF	16	21	27 (≤50)	-	-
	Total HxCDD	1.8	2.5	33 (≤50)	-	-
	Total HxCDF	23	32	33 (≤50)	-	-
	Total HpCDD	1.6	2.3	36 (≤50)	-	-
	Total HpCDF	25	34	31 (≤50)	-	-
	2,3,7,8-TCDF	1.3	1.7	27 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-17-30.0-20170309	RIDB-17-30.0-20170309-FD			
440-179280-2	2,3,7,8-TCDD	0.16	0.027U	200 (≤50)	NQ	-
	1,2,3,7,8-PeCDD	0.43	0.10	125 (≤50)	NQ	-
	1,2,3,7,8-PeCDF	8.5	0.95	160 (≤50)	NQ	-
	2,3,4,7,8-PeCDF	4.8	0.51	162 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDD	0.40	0.083	131 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDD	0.92	0.22	123 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDD	0.95	0.16	142 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDF	19	2.3	157 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDF	14	1.3	166 (≤50)	NQ	-
	2,3,4,6,7,8-HxCDF	3.7	0.39	162 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDF	2.0	0.27	152 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDD	3.3	0.49	148 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDF	56	4.4	171 (≤50)	NQ	-
	1,2,3,4,7,8,9-HpCDF	21	1.7	170 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-17-30.0-20170309	RIDB-17-30.0-20170309-FD			
440-179280-2	OCDD	3.6	1.7	72 (≤50)	NQ	-
	OCDF	130	9.8	172 (≤50)	NQ	-
	Total TCDD	3.8	0.45	158 (≤50)	NQ	-
	Total TCDF	43	4.6	161 (≤50)	NQ	-
	Total PeCDD	5.7	0.81	150 (≤50)	NQ	-
	Total PeCDF	73	7.5	163 (≤50)	NQ	-
	Total HxCDD	7.9	1.2	147 (≤50)	NQ	-
	Total HxCDF	98	9.4	165 (≤50)	NQ	-
	Total HpCDD	5.5	0.88	145 (≤50)	NQ	-
	Total HpCDF	110	9.3	169 (≤50)	NQ	-
	2,3,7,8-TCDF	4.6	1.0	129 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-5-5.0-20170311	RIDB-5-5.0-20170311-FD			
440-179456-2	2,3,7,8-TCDD	0.13	0.035	115 (≤50)	NQ	-
	1,2,3,7,8-PeCDD	0.43	0.24	57 (≤50)	NQ	-
	1,2,3,7,8-PeCDF	6.9	3.8	58 (≤50)	NQ	-
	2,3,4,7,8-PeCDF	3.4	1.8	62 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDD	0.41	0.23	56 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDD	0.91	0.54	51 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDD	1.0	0.64	44 (≤50)	-	-
	1,2,3,4,7,8-HxCDF	15	7.4	68 (≤50)	J (all detects)	A
	1,2,3,6,7,8-HxCDF	11	5.7	63 (≤50)	J (all detects)	A

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-5-5.0-20170311	RIDB-5-5.0-20170311-FD			
440-179456-2	2,3,4,6,7,8-HxCDF	2.2	1.3	51 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDF	2.1	1.2	55 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDD	3.3	1.8	59 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDF	43	23	61 (≤50)	J (all detects)	A
	1,2,3,4,7,8,9-HpCDF	18	9.5	62 (≤50)	J (all detects)	A
	OCDD	9.1	7.3	22 (≤50)	-	-
	OCDF	110	62	56 (≤50)	J (all detects)	A
	Total TCDD	3.6	1.7	72 (≤50)	NQ	-
	Total TCDF	41	20	69 (≤50)	NQ	-
	Total PeCDD	4.6	2.2	71 (≤50)	NQ	-
	Total PeCDF	54	27	67 (≤50)	NQ	-
	Total HxCDD	5.8	3.3	55 (≤50)	NQ	-
	Total HxCDF	74	38	64 (≤50)	NQ	-
	Total HpCDD	5.1	2.9	55 (≤50)	NQ	-
	Total HpCDF	84	45	60 (≤50)	NQ	-
	2,3,7,8-TCDF	3.4	2.0	52 (≤50)	J (all detects)	A

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-7-0.5-20170312	RIDB-7-0.5-20170312-FD			
440-179456-2	1,2,3,7,8-PeCDD	0.76	0.98	25 (≤50)	-	-
	1,2,3,7,8-PeCDF	11	12	9 (≤50)	-	-
	2,3,4,7,8-PeCDF	5.6	5.7	2 (≤50)	-	-
	1,2,3,4,7,8-HxCDD	0.82	0.75	9 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-7-0.5-20170312	RIDB-7-0.5-20170312-FD			
440-179456-2	1,2,3,6,7,8-HxCDD	1.7	1.8	6 (≤50)	-	-
	1,2,3,7,8,9-HxCDD	1.5	1.7	12 (≤50)	-	-
	1,2,3,4,7,8-HxCDF	28	26	7 (≤50)	-	-
	1,2,3,6,7,8-HxCDF	17	16	6 (≤50)	-	-
	2,3,4,6,7,8-HxCDF	3.4	3.5	3 (≤50)	-	-
	1,2,3,7,8,9-HxCDF	3.2	3.3	3 (≤50)	-	-
	1,2,3,4,6,7,8-HpCDD	6.8	7.6	11 (≤50)	-	-
	1,2,3,4,6,7,8-HpCDF	64	57	12 (≤50)	-	-
	1,2,3,4,7,8,9-HpCDF	24	23	4 (≤50)	-	-
	OCDD	38	62	48 (≤50)	-	-
	OCDF	160	150	6 (≤50)	-	-
	Total TCDD	3.9	4.3	10 (≤50)	-	-
	Total TCDF	65	59	10 (≤50)	-	-
	Total PeCDD	6.4	5.5	15 (≤50)	-	-
	Total PeCDF	88	76	15 (≤50)	-	-
	Total HxCDD	10	9.5	5 (≤50)	-	-
	Total HxCDF	120	110	9 (≤50)	-	-
	Total HpCDD	12	13	8 (≤50)	-	-
	Total HpCDF	130	110	17 (≤50)	-	-
	2,3,7,8-TCDF	5.8	5.6	4 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-18-30.0-20170314**	RIDB-18-30.0-20170314-FD**			
440-179637-2	2,3,7,8-TCDF	0.11	0.20	58 (≤50)	NQ	-
	1,2,3,7,8-PeCDD	0.030U	0.062	200 (≤50)	NQ	-
	1,2,3,7,8-PeCDF	0.11	0.13	17 (≤50)	-	-
	2,3,4,7,8-PeCDF	0.020U	0.071	200 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDD	0.033	0.031U	200 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDD	0.064	0.059	8 (≤50)	-	-
	1,2,3,7,8,9-HxCDD	0.089	0.062	36 (≤50)	-	-
	1,2,3,4,7,8-HxCDF	0.15	0.22	38 (≤50)	-	-
	1,2,3,6,7,8-HxCDF	0.086	0.15	54 (≤50)	NQ	-
	2,3,4,6,7,8-HxCDF	0.048	0.043U	200 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDF	0.16	0.12	29 (≤50)	-	-
	1,2,3,4,6,7,8-HpCDD	0.12	0.29	83 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDF	0.27	0.53	65 (≤50)	NQ	-
	1,2,3,4,7,8,9-HpCDF	0.10	0.19	62 (≤50)	NQ	-
	OCDD	0.46	5.6	170 (≤50)	NQ	-
	OCDF	0.47	1.1	80 (≤50)	NQ	-
	Total TCDD	0.56	0.49	13 (≤50)	-	-
	Total TCDF	0.73	0.76	4 (≤50)	-	-
	Total PeCDD	0.13	0.21	47 (≤50)	-	-
	Total PeCDF	0.56	0.60	7 (≤50)	-	-
	Total HxCDD	0.21	0.19	10 (≤50)	-	-
	Total HxCDF	0.58	0.53	9 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-18-30.0-20170314**	RIDB-18-30.0-20170314-FD**			
440-179637-2	Total HpCDD	0.28	0.59	71 (≤50)	NQ	-
	Total HpCDF	0.52	0.73	34 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-28-10.0-20170323	RIDB-28-10.0-20170323-FD			
440-180439-2	2,3,7,8-TCDD	6.3	0.34	180 (≤50)	NQ	-
	1,2,3,7,8-PeCDD	26	1.0	185 (≤50)	NQ	-
	1,2,3,7,8-PeCDF	510	17	187 (≤50)	J (all detects)	A
	2,3,4,7,8-PeCDF	250	9.0	186 (≤50)	J (all detects)	A
	1,2,3,4,7,8-HxCDD	23	1.0	183 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDD	49	2.2	183 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDD	37	2.2	178 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDF	940	38	184 (≤50)	J (all detects)	A
	1,2,3,6,7,8-HxCDF	730	32	183 (≤50)	J (all detects)	A
	2,3,4,6,7,8-HxCDF	140	6.2	183 (≤50)	J (all detects)	A
	1,2,3,7,8,9-HxCDF	95	3.6	185 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDD	180	9.9	179 (≤50)	J (all detects)	A
	1,2,3,4,6,7,8-HpCDF	2500	140	179 (≤50)	J (all detects)	A
	1,2,3,4,7,8,9-HpCDF	910	53	178 (≤50)	J (all detects)	A
	OCDD	180	13	173 (≤50)	J (all detects)	A
	OCDF	5400	340	176 (≤50)	J (all detects)	A
	Total TCDD	210	7.2	187 (≤50)	J (all detects)	A
	Total TCDF	2200	77	186 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-28-10.0-20170323	RIDB-28-10.0-20170323-FD			
440-180439-2	Total PeCDD	280	8.4	188 (≤50)	J (all detects)	A
	Total PeCDF	3900	130	187 (≤50)	J (all detects)	A
	Total HxCDD	350	16	183 (≤50)	J (all detects)	A
	Total HxCDF	5100	210	184 (≤50)	J (all detects)	A
	Total HpCDD	270	15	179 (≤50)	J (all detects)	A
	Total HpCDF	4900	280	178 (≤50)	J (all detects)	A
	2,3,7,8-TCDF	180	7.2	185 (≤50)	J (all detects)	A

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-22-1.0-20170327	RIDB-22-1.0-20170327-FD			
440-180696-2	2,3,7,8-TCDD	3.3	2.6	24 (≤50)	-	-
	1,2,3,7,8-PeCDD	9.8	8.5	14 (≤50)	-	-
	1,2,3,7,8-PeCDF	180	150	18 (≤50)	-	-
	2,3,4,7,8-PeCDF	78	77	1 (≤50)	-	-
	1,2,3,4,7,8-HxCDD	7.9	7.8	1 (≤50)	-	-
	1,2,3,6,7,8-HxCDD	15	16	6 (≤50)	-	-
	1,2,3,7,8,9-HxCDD	14	14	0 (≤50)	-	-
	1,2,3,4,7,8-HxCDF	350	300	15 (≤50)	-	-
	1,2,3,6,7,8-HxCDF	250	220	13 (≤50)	-	-
	2,3,4,6,7,8-HxCDF	55	47	16 (≤50)	-	-
	1,2,3,7,8,9-HxCDF	37	36	3 (≤50)	-	-
	1,2,3,4,6,7,8-HpCDD	71	67	6 (≤50)	-	-
	1,2,3,4,6,7,8-HpCDF	1000	990	1 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RIDB-22-1.0-20170327	RIDB-22-1.0-20170327-FD			
440-180696-2	1,2,3,4,7,8,9-HpCDF	400	360	11 (≤50)	-	-
	OCDD	74	70	6 (≤50)	-	-
	OCDF	2400	2300	4 (≤50)	-	-
	Total TCDD	110	110	0 (≤50)	-	-
	Total TCDF	1100	1100	0 (≤50)	-	-
	Total PeCDD	110	120	9 (≤50)	-	-
	Total PeCDF	1400	1400	0 (≤50)	-	-
	Total HxCDD	120	120	0 (≤50)	-	-
	Total HxCDF	1800	1600	12 (≤50)	-	-
	Total HpCDD	110	100	10 (≤50)	-	-
	Total HpCDF	2000	1900	5 (≤50)	-	-
	2,3,7,8-TCDF	95	90	5 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RI-7-20.0-20170408	RI-7-20.0-20170408-FD			
440-181716-2	2,3,7,8-TCDF	0.036	0.023U	200 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDD	0.028	0.020U	200 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDD	0.19	0.11	200 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDD	0.44	0.39	12 (≤50)	-	-
	1,2,3,4,7,8-HxCDF	0.075	0.044U	200 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDF	0.062	0.041U	200 (≤50)	NQ	-
	2,3,4,6,7,8-HxCDF	0.061	0.043U	200 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDF	0.15	0.17	13 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RI-7-20.0-20170408	RI-7-20.0-20170408-FD			
440-181716-2	1,2,3,4,6,7,8-HpCDD	0.20	0.27	30 (≤50)	-	-
	1,2,3,4,6,7,8-HpCDF	0.24	0.21	13 (≤50)	-	-
	1,2,3,4,7,8,9-HpCDF	0.12	0.10	18 (≤50)	-	-
	OCDD	1.5	1.5	0 (≤50)	-	-
	OCDF	1.0	0.86	15 (≤50)	-	-
	Total TCDD	0.093	0.083	11 (≤50)	-	-
	Total TCDF	0.25	0.19	27 (≤50)	-	-
	Total PeCDF	0.075	0.049	42 (≤50)	-	-
	Total HxCDD	0.66	0.58	13 (≤50)	-	-
	Total HxCDF	0.35	0.17	69 (≤50)	NQ	-
	Total HpCDD	0.36	0.43	18 (≤50)	-	-
	Total HpCDF	0.48	0.64	29 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RI-8-10.0-20170422	RI-8-10.0-20170422-FD			
440-182829-2	2,3,7,8-TCDF	0.050U	0.12	200 (≤50)	NQ	-
	1,2,3,7,8-PeCDF	0.042U	0.16	200 (≤50)	NQ	-
	2,3,4,7,8-PeCDF	0.049	0.054U	200 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDD	0.036U	0.14	200 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDD	0.085	0.032U	200 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDF	0.059U	0.15	200 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDD	0.13	0.18	32 (≤50)	-	-
	1,2,3,4,6,7,8-HpCDF	0.23	0.52	77 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RI-8-10.0-20170422	RI-8-10.0-20170422-FD			
440-182829-2	1,2,3,4,7,8,9-HpCDF	0.12	0.25	70 (≤50)	NQ	-
	OCDD	0.31	0.31	0 (≤50)	-	-
	OCDF	0.65	1.3	67 (≤50)	NQ	-
	Total TCDF	0.050U	0.24	200 (≤50)	NQ	-
	Total PeCDF	0.049	0.45	161 (≤50)	NQ	-
	Total HxCDD	0.085	0.14	49 (≤50)	-	-
	Total HxCDF	0.064U	0.43	200 (≤50)	NQ	-
	Total HpCDD	0.25	0.43	53 (≤50)	NQ	-
	Total HpCDF	0.46	1.0	74 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RI-12-30.0-20170503**	RI-12-30.0-20170503-FD**			
440-183574-2	2,3,7,8-TCDF	0.28	0.58	70 (≤50)	NQ	-
	1,2,3,7,8-PeCDD	0.082	0.079	4 (≤50)	-	-
	1,2,3,7,8-PeCDF	0.31	0.39	23 (≤50)	-	-
	2,3,4,7,8-PeCDF	0.14	8.8U	200 (≤50)	NQ	-
	1,2,3,4,7,8-HxCDD	0.054	8.8U	200 (≤50)	NQ	-
	1,2,3,6,7,8-HxCDD	0.17	0.19	11 (≤50)	-	-
	1,2,3,7,8,9-HxCDD	0.20	0.23	14 (≤50)	-	-
	1,2,3,4,7,8-HxCDF	0.40	0.65	48 (≤50)	-	-
	1,2,3,6,7,8-HxCDF	0.28	0.41	38 (≤50)	-	-
	2,3,4,6,7,8-HxCDF	0.11	0.11	0 (≤50)	-	-
	1,2,3,7,8,9-HxCDF	0.31	0.26	18 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RI-12-30.0-20170503**	RI-12-30.0-20170503-FD**			
440-183574-2	1,2,3,4,6,7,8-HpCDD	0.33	0.58	55 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDF	0.71	1.3	59 (≤50)	NQ	-
	1,2,3,4,7,8,9-HpCDF	0.27	0.54	67 (≤50)	NQ	-
	OCDD	1.7	3.5	69 (≤50)	NQ	-
	OCDF	2.0	4.2	71 (≤50)	NQ	-
	Total TCDD	0.082	0.10	20 (≤50)	-	-
	Total TCDF	1.2	1.8	40 (≤50)	-	-
	Total PeCDD	0.082	0.079	4 (≤50)	-	-
	Total PeCDF	1.1	1.7	43 (≤50)	-	-
	Total HxCDD	0.68	0.44	43 (≤50)	-	-
	Total HxCDF	1.8	3.0	50 (≤50)	-	-
	Total HpCDD	0.63	1.0	45 (≤50)	-	-
	Total HpCDF	1.4	3.3	81 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RI-26-5.0-20170616	RI-26-5.0-20170616-FD			
440-186720-2	2,3,7,8-TCDF	0.85	0.87	2 (≤50)	-	-
	1,2,3,7,8-PeCDD	5.5U	0.20	200 (≤50)	NQ	-
	1,2,3,7,8-PeCDF	0.93	1.2	25 (≤50)	-	-
	2,3,4,7,8-PeCDF	0.59	0.51	15 (≤50)	-	-
	1,2,3,6,7,8-HxCDD	0.58	0.60	3 (≤50)	-	-
	1,2,3,7,8,9-HxCDD	0.31	0.42	30 (≤50)	-	-
	1,2,3,4,7,8-HxCDF	1.4	1.6	13 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RI-26-5.0-20170616	RI-26-5.0-20170616-FD			
440-186720-2	1,2,3,6,7,8-HxCDF	0.84	0.95	12 (≤50)	-	-
	2,3,4,6,7,8-HxCDF	5.5U	0.30	200 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDF	0.27	0.61	77 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDD	0.51	0.58	13 (≤50)	-	-
	1,2,3,4,6,7,8-HpCDF	3.1	4.0	25 (≤50)	-	-
	1,2,3,4,7,8,9-HpCDF	1.4	1.6	13 (≤50)	-	-
	OCDD	1.5	3.1	70 (≤50)	NQ	-
	OCDF	9.3	11	17 (≤50)	-	-
	Total TCDF	1.8	2.8	43 (≤50)	-	-
	Total PeCDD	5.5U	0.20	200 (≤50)	NQ	-
	Total PeCDF	3.2	4.6	36 (≤50)	-	-
	Total HxCDD	0.89	1.0	12 (≤50)	-	-
	Total HxCDF	4.6	6.7	37 (≤50)	-	-
	Total HpCDD	0.51	0.58	13 (≤50)	-	-
	Total HpCDF	6.1	8.1	28 (≤50)	-	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RI-4-30.0-20170630**	RI-4-30.0-20170630-FD**			
440-187594-2	2,3,7,8-TCDF	1.3U	0.25	200 (≤50)	NQ	-
	1,2,3,7,8,9-HxCDD	6.3U	0.12*	200 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDD	3.7	0.46	156 (≤50)	NQ	-
	1,2,3,4,6,7,8-HpCDF	0.90	0.82	9 (≤50)	-	-
	1,2,3,4,7,8,9-HpCDF	0.17	6.7U	200 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RI-4-30.0-20170630**	RI-4-30.0-20170630-FD**			
440-187594-2	OCDD	110	8.1	173 (≤50)	NQ	-
	OCDF	8.0	2.4	108 (≤50)	NQ	-
	Total TCDF	1.3U	0.37	200 (≤50)	NQ	-
	Total PeCDF	6.3U	0.40	200 (≤50)	NQ	-
	Total HxCDD	0.57*	0.67*	16 (≤50)	-	-
	Total HpCDD	6.5	0.46	174 (≤50)	NQ	-
	Total HpCDF	3.0*	1.4	73 (≤50)	NQ	-

SDG	Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
		RI-4-30.0-20170630RE**	RI-4-30.0-20170630-FDRE**			
440-187594-2	OCDD	9.5	1.8	136 (≤50)	NQ	-

NQ = No data were qualified when either the primary or duplicate result was not detected, was below the practical quantitation limit (PQL) or was reported as estimated maximum possible concentration (EMPC).

X. Internal Standards

All internal standard recoveries (%R) were within QC limits with the following exceptions:

SDG	Sample	Internal Standards	%R (Limits)	Affected Compound	Flag	A or P
440-179153-2	RIDB-1-30.0-20170308	^{13}C-OCDD	36 (40-135)	OCDD OCDF	J- (all detects) J- (all detects)	P
440-179153-2	RIDB-20-30.0-20170308	^{13}C-1,2,3,4,6,7,8-HpCDD ^{13}C-1,2,3,4,6,7,8-HpCDF ^{13}C-OCDD	36 (40-135) 33 (40-135) 22 (40-135)	1,2,3,4,6,7,8-HpCDD Total HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF Total HpCDF OCDD OCDF	J- (all detects) UJ (all non-detects)	P
440-179280-2	RIDB-17-10.0-20170309	^{13}C-OCDD	33 (40-135)	OCDD OCDF	J- (all detects) J- (all detects)	P

SDG	Sample	Internal Standards	%R (Limits)	Affected Compound	Flag	A or P
440-179419-2	RIDB-15-30.0-20170310	^{13}C-2,3,7,8-TCDF ^{13}C-1,2,3,7,8-PeCDF ^{13}C-1,2,3,6,7,8-HxCDD ^{13}C-1,2,3,4,7,8-HxCDF	155 (40-135) 139 (40-135) 143 (40-135) 151 (40-135)	2,3,7,8-TCDF Total TCDF 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF Total PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD Total HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF Total HxCDF	J+ (all detects) UJ (all non-detects)	P
440-179637-2	RIDB-18-30.0-20170314-FD**	^{13}C-1,2,3,4,6,7,8-HpCDD ^{13}C-1,2,3,4,6,7,8-HpCDF ^{13}C-OCDD	34 (40-135) 30 (40-135) 21 (40-135)	1,2,3,4,6,7,8-HpCDD Total HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF Total HpCDF OCDD OCDF	J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects)	P
440-180193-2	RIDB-11-30.0-20170321	^{13}C-OCDD	39 (40-135)	OCDD OCDF	J- (all detects) J- (all detects)	P
440-180593-2	RIDB-24-30.0-20170324	^{13}C-1,2,3,4,6,7,8-HpCDF ^{13}C-OCDD	38 (40-135) 29 (40-135)	1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF Total HpCDF OCDD OCDF	J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects)	P
440-180593-2	RIDB-26-30.0-20170324	^{13}C-1,2,3,4,6,7,8-HpCDD ^{13}C-1,2,3,4,6,7,8-HpCDF ^{13}C-OCDD	32 (40-135) 28 (40-135) 20 (40-135)	1,2,3,4,6,7,8-HpCDD Total HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF Total HpCDF OCDD OCDF	J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects)	P
440-185476-2	RI-23-40.0-20170530	^{13}C-1,2,3,4,6,7,8-HpCDD ^{13}C-OCDD	39 (40-135) 28 (40-135)	1,2,3,4,6,7,8-HpCDD Total HpCDD OCDD OCDF	J- (all detects) J- (all detects) J- (all detects) J- (all detects)	P
440-186634-2	RI-11-30.0-20170615	^{13}C-OCDD	31 (40-135)	OCDD OCDF	J- (all detects) J- (all detects)	P
440-187533-2	RI-3-20.0-20170629	^{13}C-OCDD	32 (40-135)	OCDD OCDF	J- (all detects) J- (all detects)	P
440-187589-2	RI-4-5.0-20170630RE	^{13}C-OCDD	35 (40-135)	OCDD	J- (all detects)	P
440-187594-2	RI-4-10.0-20170630**	^{13}C-OCDD	36 (40-135)	OCDD OCDF	J- (all detects) J- (all detects)	P

SDG	Sample	Internal Standards	%R (Limits)	Affected Compound	Flag	A or P
440-187594-2	RI-4-30.0-20170630**	^{13}C-OCDD	33 (40-135)	OCDD OCDF	J- (all detects) J- (all detects)	P
440-187594-2	RI-4-30.0-20170630RE**	^{13}C-OCDD	27 (40-135)	OCDD	J- (all detects)	P

Internal standard data were not reviewed for Stage 2A validation.

XI. Target Compound Identifications

All target compound identifications met validation criteria for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2B validation.

XII. Compound Quantitation

All compound quantitations met validation criteria with the following exceptions:

SDG	Sample	Finding	Flag	A or P
320-26104-1 320-26133-1 440-179022-2 440-179153-2 440-179280-2 440-179419-2 440-179456-2 440-179637-2 440-180101-2 440-180193-2 440-180331-2 440-180439-2 440-180593-2 440-180696-2 440-180819-2 440-181200-2 440-181297-2 440-181420-2 440-181661-2 440-181716-2 440-181722-2 440-181745-2 440-181749-2 440-182494-2 440-182498-2 440-182804-2 440-182829-2 440-182886-2 440-182943-2 440-183293-2 440-183423-2 440-183424-2 440-183426-2 440-183574-2 440-183702-2 440-184858-2 440-184950-2 440-185476-2	All samples	Results were flagged “q” by the laboratory as estimated maximum possible concentration (EMPC).	J (all detects)	A

SDG	Sample	Finding	Flag	A or P
440-186351-2 440-186517-2 440-186634-2 440-186720-2 440-186786-2 440-187533-2 440-187589-2 440-187594-2	All samples	Results were flagged “q” by the laboratory as estimated maximum possible concentration (EMPC).	J (all detects)	A

SDG	Sample	Compound	Finding	Criteria	Flag	A or P
320-26104-1	RIDB-13-5.0-20170224	1,2,3,4,6,7,8-HpCDF OCDF Total HpCDF	Sample result exceeded calibration range.	Reported result should be within calibration range.	J (all detects) J (all detects) J (all detects)	P
440-180819-2	RIDB-21-1.0-20170328	1,2,3,4,6,7,8-HpCDF OCDF Total HpCDF	Sample result exceeded calibration range.	Reported result should be within calibration range.	J (all detects) J (all detects) J (all detects)	P
440-182498-2	RI-25-5.0-20170417	2,3,7,8-TCDF	Sample result exceeded calibration range.	Reported result should be within calibration range.	J (all detects)	P

Raw data were not reviewed for Stage 2A and Stage 2B validation.

XIII. System Performance

The system performance was acceptable for samples which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method with the following exceptions:

SDG	Sample	Finding	Criteria	Flag
320-26104-1 320-26133-1 440-179022-2 440-179153-2 440-179280-2 440-179419-2 440-179456-2 440-179637-2 440-180101-2 440-180193-2 440-180331-2 440-180439-2 440-180593-2 440-180696-2	All soil samples	2nd column confirmation was not performed for 2,3,7,8-TCDF when the detected result was less than the reporting limit or was reported as EMPC.	2,3,7,8-TCDF must be confirmed on a 2nd column per the method.	Using professional judgment, no data were qualified since the reported results were flagged by the laboratory as estimated.

SDG	Sample	Finding	Criteria	Flag
440-180819-2 440-181200-2 440-181297-2 440-181420-2 440-181661-2 440-181716-2 440-181722-2 440-181745-2 440-181749-2 440-182494-2 440-182498-2 440-182804-2 440-182829-2 440-182886-2 440-182943-2 440-183424-2 440-183426-2 440-183574-2 440-183702-2 440-184858-2 440-184950-2 440-185476-2 440-186351-2 440-186517-2 440-186720-2 440-186786-2 440-187533-2 440-187589-2 440-187594-2	All soil samples	2nd column confirmation was not performed for 2,3,7,8-TCDF when the detected result was less than the reporting limit or was reported as EMPC.	2,3,7,8-TCDF must be confirmed on a 2nd column per the method.	Using professional judgment, no data were qualified since the reported results were flagged by the laboratory as estimated.

Due to sample container breakage, data were qualified as rejected in one sample.

In the case where more than one result was reported for an individual sample, the least technically acceptable results were deemed unusable as follows:

SDG	Sample	Compound	Flag	A or P
440-187589-2	RI-4-5.0-20170630	OCDD	DNR	-
440-187594-2	RI-4-10.0-20170630** RI-4-20.0-20170630** RI-4-30.0-20170630** RI-4-30.0-20170630-FD**	OCDD	DNR	-

Due to continuing calibration %D, MS/MSD %R, LCS %R, field duplicates RPD, internal standard %R, results reported as EMPC, and results exceeding calibration range, data were qualified as estimated in two hundred sixty one samples.

Due to laboratory blank contamination, data were qualified as estimated in one hundred fifty six samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be rejected (R) are unusable for all purposes. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Polychlorinated Dioxins/Dibenzofurans - Data Qualification Summary - SDGs 320-26104-1, 320-26133-1, 440-179022-2, 440-179153-2, 440-179280-2, 440-179419-2, 440-179456-2, 440-179637-2, 440-180101-2, 440-180193-2, 440-180331-2, 440-180439-2, 440-180593-2, 440-180696-2, 440-180819-2, 440-181200-2, 440-181297-2, 440-181420-2, 440-181661-2, 440-181716-2, 440-181722-2, 440-181745-2, 440-181749-2, 440-182494-2, 440-182498-2, 440-182804-2, 440-182829-2, 440-182886-2, 440-182943-2, 440-183293-2, 440-183423-2, 440-183424-2, 440-183426-2, 440-183574-2, 440-183702-2, 440-184858-2, 440-184950-2, 440-185476-2, 440-186351-2, 440-186517-2, 440-186634-2, 440-186720-2, 440-186786-2, 440-187533-2, 440-187589-2, 440-187594-2

SDG	Sample	Compound	Flag	A or P	Reason (Code)
320-26104-1	RIDB-8-30.0-20170222-FD	All compounds	R	A	Sample condition (container breakage) (o)
440-184858-2	RI-27-10.0-20170519 RI-27-20.0-20170519 RI-27-30.0-20170519 RI-27-40.0-20170519 RIDB-29-1.0-20170519	OCDF	J+ (all detects)	P	Continuing calibration (%D) (c)
440-180331-2	RIDB-27-30.0-20170321**	1,2,3,4,7,8,9-HpCDF Total HpCDF	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183574-2	RI-12-5.0-20170503** RI-12-20.0-20170503** RI-12-30.0-20170503** RI-12-30.0-20170503-FD**	1,2,3,7,8-PeCDD Total PeCDD	J+ (all detects) J+ (all detects)	P	Laboratory control samples (%R) (l)
440-183702-2	RI-22-1.0-20170504	1,2,3,7,8-PeCDD Total PeCDD	J+ (all detects) J+ (all detects)	P	Laboratory control samples (%R) (l)
320-26133-1	RIDB-6-5.0-20170225 RIDB-6-5.0-20170225-FD	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF Total PeCDF Total HpCDD Total HpCDF 2,3,7,8-TCDF	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A	Field duplicates (RPD) (fd)
440-179456-2	RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD	1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF 2,3,7,8-TCDF	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A	Field duplicates (RPD) (fd)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-180439-2	RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDD Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF 2,3,7,8-TCDF	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A	Field duplicates (RPD) (fd)
440-179153-2	RIDB-1-30.0-20170308	OCDD OCDF	J- (all detects) J- (all detects)	P	Internal standards (area) (i)
440-179153-2	RIDB-20-30.0-20170308	1,2,3,4,6,7,8-HpCDD Total HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF Total HpCDF OCDD OCDF	J- (all detects) UJ (all non-detects)	P	Internal standards (area) (i)
440-179280-2	RIDB-17-10.0-20170309	OCDD OCDF	J- (all detects) J- (all detects)	P	Internal standards (area) (i)
440-179419-2	RIDB-15-30.0-20170310	2,3,7,8-TCDF Total TCDF 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF Total PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD Total HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF Total HxCDF	J+ (all detects) UJ (all non-detects)	P	Internal standards (area) (i)
440-179637-2	RIDB-18-30.0-20170314-FD**	1,2,3,4,6,7,8-HpCDD Total HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF Total HpCDF OCDD OCDF	J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects)	P	Internal standards (area) (i)
440-180193-2	RIDB-11-30.0-20170321	OCDD OCDF	J- (all detects) J- (all detects)	P	Internal standards (area) (i)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-180593-2	RIDB-24-30.0-20170324	1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF Total HpCDF OCDD OCDF	J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects)	P	Internal standards (area) (i)
440-180593-2	RIDB-26-30.0-20170324	1,2,3,4,6,7,8-HpCDD Total HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF Total HpCDF OCDD OCDF	J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects) J- (all detects)	P	Internal standards (area) (i)
440-185476-2	RI-23-40.0-20170530	1,2,3,4,6,7,8-HpCDD Total HpCDD OCDD OCDF	J- (all detects) J- (all detects) J- (all detects) J- (all detects)	P	Internal standards (%R) (i)
440-186634-2	RI-11-30.0-20170615	OCDD OCDF	J- (all detects) J- (all detects)	P	Internal standards (%R) (i)
440-187533-2	RI-3-20.0-20170629	OCDD OCDF	J- (all detects) J- (all detects)	P	Internal standards (%R) (i)
440-187589-2	RI-4-5.0-20170630RE	OCDD	J- (all detects)	P	Internal standards (%R) (i)
440-187594-2	RI-4-10.0-20170630**	OCDF	J- (all detects)	P	Internal standards (%R) (i)
440-187594-2	RI-4-30.0-20170630**	OCDF	J- (all detects)	P	Internal standards (%R) (i)
440-187594-2	RI-4-30.0-20170630RE**	OCDD	J- (all detects)	P	Internal standards (%R) (i)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
320-26104-1	M-5D-52-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222 RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-9-10.0-20170223 RIDB-9-20.0-20170223 RIDB-9-30.0-20170223 RIDB-14-1.0-20170223 RIDB-14-5.0-20170223 RIDB-14-10.0-20170223 RIDB-14-10.0-20170223-FD RIDB-14-20.0-20170223 RIDB-14-30.0-20170223 RIDB-10-1.0-20170223 RIDB-10-5.0-20170223 RIDB-10-10.0-20170224-EB* RIDB-13-1.0-20170224 RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-10-30.0-20170224	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
320-26133-1	RIDB-6-0.5-20170225 RIDB-6-5.0-20170225 RIDB-6-5.0-20170225-FD RIDB-6-10.0-20170226 RIDB-6-20.0-20170226 RIDB-6-30.0-20170226	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-179022-2	RIDB-4-0.5-20170306 RIDB-4-5.0-20170307 RIDB-4-10.0-20170307 RIDB-4-10.0-20170307-FD RIDB-4-20.0-20170307 RIDB-4-30.0-20170307 RIDB-20-1.0-20170307	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-179153-2	RIDB-1-0.5-20170308 RIDB-1-5.0-20170308 RIDB-1-10.0-20170308 RIDB-1-20.0-20170308 RIDB-1-30.0-20170308 RIDB-1-30.0-20170308-EB* RIDB-20-5.0-20170307 RIDB-20-10.0-20170308 RIDB-20-20.0-20170308 RIDB-20-30.0-20170308 RIDB-20-30.0-20170308-FD	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-179280-2	RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-179419-2	RIDB-3-0.5-20170310 RIDB-3-5.0-20170310 RIDB-3-10.0-20170310 RIDB-3-20.0-20170310 RIDB-3-30.0-20170310 RIDB-15-1.0-20170310 RIDB-15-5.0-20170310 RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-179456-2	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-179637-2	RIDB-18-1.0-20170314** RIDB-18-5.0-20170314** RIDB-18-10.0-20170314** RIDB-18-10.0-20170314-EB* RIDB-18-20.0-20170314** RIDB-18-30.0-20170314** RIDB-18-30.0-20170314-FD**	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-180101-2	RIDB-19-1.0-20170320 RIDB-19-5.0-20170320 RIDB-19-10.0-20170320 RIDB-19-20.0-20170320 RIDB-19-30.0-20170320 RIDB-11-1.0-20170320 RIDB-11-5.0-20170320 RIDB-11-10.0-20170320	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-180193-2	RIDB-11-20.0-20170320 RIDB-11-30.0-20170321 RIDB-27-1.0-20170321	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-180331-2	RIDB-12-1.0-20170321** RIDB-12-5.0-20170321** RIDB-12-10.0-20170322** RIDB-12-20.0-20170322** RIDB-12-30.0-20170322** RIDB-27-5.0-20170321** RIDB-27-20.0-20170321** RIDB-27-30.0-20170321**	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-180439-2	RIDB-28-1.0-20170322 RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-25-1.0-20170323 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-20.0-20170323 RIDB-25-30.0-20170323	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-180593-2	RIDB-24-1.020170323 RIDB-24-5.0-20170323 RIDB-24-10.0-20170324 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-26-1.0-20170323 RIDB-26-5.0-20170323 RIDB-26-10.0-20170324 RIDB-26-20.0-20170324 RIDB-26-30.0-20170324	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-180696-2	RIDB-22-1.0-20170327 RIDB-22-1.0-20170327-FD RIDB-22-5.0-20170327 RIDB-22-10.0-20170327 RIDB-22-20.0-20170327 RIDB-22-30.0-20170327	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-180819-2	RIDB-21-1.0-20170328 RIDB-21-5.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328 RIDB-21-1.0-20170328 RIDB-21-5.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-181297-2	RIDB-23-30.0-20170404	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-181420-2	RI-5-5.0-20170404 RI-5-10.0-20170405 RI-5-20.0-20170405 RI-5-30.0-20170405	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-181661-2	RI-9-5.0-20170407	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-181716-2	RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-181722-2	RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-181745-2	RI-20-5.0-20170410** RI-20-10.0-20170410** RI-20-20.0-20170410** RI-20-30.0-20170410**	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-181749-2	RI-10-20.0-20170410 RI-10-30.0-20170410	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-182494-2	RI-24-1.0-20170418 RI-24-5.0-20170418 RI-24-10.0-20170418 RI-24-20.0-20170418 RI-24-30.0-20170418 RI-24-40.0-20170418	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-182498-2	RI-25-1.0-20170417 RI-25-5.0-20170417 RI-25-10.0-20170418 RI-25-20.0-20170418 RI-25-30.0-20170418 RI-25-40.0-20170418	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-192804-2	RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-182829-2	RI-8-5.0-20170422 RI-8-10.0-20170422 RI-8-10.0-20170422-FD RI-8-20.0-20170422 RI-8-30.0-20170422	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-182886-2	RI-1-5.0-20170424 RI-1-10.0-20170424 RI-1-20.0-20170424 RI-1-30.0-20170424	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-182943-2	RI-2-5.0-20170425** RI-2-10.0-20170425** RI-2-20.0-20170425** RI-2-30.0-20170425**	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-183293-2	M-5D-20170501*	Results were flagged “q” by the laboratory as estimated maximum possible concentration (EMPC).	J (all detects)	A	Compound quantitation (EMPC) (k)
440-183423-2	M-203-20170502*	Results were flagged “q” by the laboratory as estimated maximum possible concentration (EMPC).	J (all detects)	A	Compound quantitation (EMPC) (k)
440-183424-2	RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502	Results were flagged “q” by the laboratory as estimated maximum possible concentration (EMPC).	J (all detects)	A	Compound quantitation (EMPC) (k)
440-183426-2	RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502	Results were flagged “q” by the laboratory as estimated maximum possible concentration (EMPC).	J (all detects)	A	Compound quantitation (EMPC) (k)
440-183574-2	RI-12-5.0-20170503** RI-12-10.0-20170503** RI-12-20.0-20170503** RI-12-30.0-20170503** RI-12-30.0-20170503-FD**	Results were flagged “q” by the laboratory as estimated maximum possible concentration (EMPC).	J (all detects)	A	Compound quantitation (EMPC) (k)
440-183702-2	RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504	Results were flagged “q” by the laboratory as estimated maximum possible concentration (EMPC).	J (all detects)	A	Compound quantitation (EMPC) (k)
440-184858-2	RI-6-5.0-20170518 RI-6-10.0-20170518 RI-27-1.0-20170519 RI-27-5.0-20170519 RI-27-10.0-20170519 RI-27-20.0-20170519 RI-27-30.0-20170519 RI-27-40.0-20170519 RIDB-29-1.0-20170519 RIDB-29-5.0-20170519 RIDB-29-10.0-20170519	Results were flagged “q” by the laboratory as estimated maximum possible concentration (EMPC).	J (all detects)	A	Compound quantitation (EMPC) (k)
440-184950-2	RIDB-29-20.0-20170522 RIDB-29-30.0-20170522	Results were flagged “q” by the laboratory as estimated maximum possible concentration (EMPC).	J (all detects)	A	Compound quantitation (EMPC) (k)
440-185476-2	RI-23-20.0-20170530 RI-23-30.0-20170530 RI-23-40.0-20170530	Results were flagged “q” by the laboratory as estimated maximum possible concentration (EMPC).	J (all detects)	A	Compound quantitation (EMPC) (k)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-186351-2	RI-17-5.0-20170612 RI-17-10.0-20170612 RI-17-20.0-20170612 RI-17-30.0-20170612	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-186517-2	RI-28-1.0-20170614 RI-28-5.0-20170614 RI-28-10.0-20170614 RI-28-20.0-20170614 RI-28-30.0-20170614 RI-28-40.0-20170614	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-186634-2	RI-11-5.0-20170615 RI-11-10.0-20170615 RI-11-20.0-20170615 RI-11-30.0-20170615	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-186720-2	RI-26-1.0-20170616 RI-26-5.0-20170616 RI-26-5.0-20170616-FD RI-26-10.0-20170616 RI-26-20.0-20170616	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-186786-2	RI-26-30.0-20170616 RI-26-40.0-20170616	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-187533-2	RI-3-5.0-20170629 RI-3-10.0-20170629 RI-3-20.0-20170629	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-187589-2	RI-4-5.0-20170630	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
440-187594-2	RI-4-10.0-20170630** RI-4-20.0-20170630** RI-4-30.0-20170630** RI-4-30.0-20170630-FD** RI-4-10.0-20170630RE**	Results flagged “q” by the laboratory as EMPC	J (all detects)	A	Compound quantitation (EMPC) (k)
320-26104-1	RIDB-13-5.0-20170224	1,2,3,4,6,7,8-HpCDF OCDF Total HpCDF	J (all detects) J (all detects) J (all detects)	P	Compound quantitation (exceeded range) (e)
440-180819-2	RIDB-21-1.0-20170328	1,2,3,4,6,7,8-HpCDF OCDF Total HpCDF	J (all detects) J (all detects) J (all detects)	P	Compound quantitation (exceeded range) (e)
440-182498-2	RI-25-5.0-20170417	2,3,7,8-TCDF	J (all detects)	P	Compound quantitation (exceeded range) (e)
440-187589-2	RI-4-5.0-20170630	OCDD	DNR	-	Overall assessment of data (o)

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-187594-2	RI-4-10.0-20170630** RI-4-20.0-20170630** RI-4-30.0-20170630** RI-4-30.0-20170630-FD**	OCDD	DNR	-	Overall assessment of data (o)

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SDG	Sample	Compound	Modified Final Concentration	A or P	Code
320-26104-1	RIDB-9-5.0-20170222	1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF	1.0J pg/g 0.36J pg/g	A	bl
320-26104-1	RIDB-9-20.0-20170223	1,2,3,4,6,7,8-HpCDD	1.1J pg/g	A	bl
320-26104-1	RIDB-10-10.0-20170224	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	1.7J pg/g 3.5J pg/g 3.0J pg/g	A	bl
320-26104-1	RIDB-10-10.0-20170224-EB*	1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HpCDF	2.1J pg/L 14J pg/L 7.7J pg/L 1.6J pg/L 2.9J pg/L	A	bl
320-26133-1	RIDB-6-10.0-20170226	OCDD	24J pg/g	A	bl
320-26133-1	RIDB-6-20.0-20170226	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.66J pg/g 2.4J pg/g 1.9J pg/g	A	bl
320-26133-1	RIDB-6-30.0-20170226	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.72J pg/g 4.4J pg/g 2.1J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-179153-2	RIDB-1-30.0-20170308-EB*	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HpCDD Total HpCDF	0.79J pg/L 1.7J pg/L 1.4J pg/L 0.92J pg/L 12J pg/L 5.2J pg/L 1.7J pg/L 3.7J pg/L 2.4J pg/L	A	bl
440-179153-2	RIDB-1-5.0-20170308	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total TCDD Total HpCDD	0.062J pg/g 0.21J pg/g 0.56J pg/g 0.039J pg/g 0.39J pg/g	A	bl
440-179153-2	RIDB-1-20.0-20170308	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.090J pg/g 0.45J pg/g 0.24J pg/g	A	bl
440-179153-2	RIDB-1-30.0-20170308	Total TCDD Total HpCDD	0.092J pg/g 0.44J pg/g	A	bl
440-179153-2	RIDB-20-10.0-20170308	1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD Total HpCDD	0.16J pg/g 0.13J pg/g 0.93J pg/g 0.36J pg/g	A	bl
440-179153-2	RIDB-20-20.0-20170308	1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD Total HpCDD	0.084J pg/g 0.11J pg/g 0.25J pg/g 0.22J pg/g	A	bl
440-179153-2	RIDB-20-30.0-20170308	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.099J pg/g 0.54J pg/g 0.23J pg/g	A	bl
440-179153-2	RIDB-20-30.0-20170308-FD	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HpCDD	0.050J pg/g 0.095J pg/g 0.18J pg/g 0.087J pg/g 0.31J pg/g 0.41J pg/g 0.18J pg/g	A	bl
440-179280-2	RIDB-2-30.0-20170309	1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HpCDD	0.065J pg/g 0.078J pg/g 0.16J pg/g 0.27J pg/g 0.38J pg/g 0.17J pg/g 0.20J pg/g	A	bl
440-179280-2	RIDB-17-5.0-20170309	OCDD Total HpCDD	0.67J pg/g 0.79J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-179280-2	RIDB-17-10.0-20170309	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.21J pg/g 0.52J pg/g 0.38J pg/g	A	bl
440-179419-2	RIDB-3-5.0-20170310	OCDD OCDF Total HpCDD	10J pg/g 3.4J pg/g 0.63J pg/g	A	bl
440-179419-2	RIDB-3-10.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	1.7J pg/g 10J pg/g 2.5J pg/g	A	bl
440-179419-2	RIDB-3-20.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	1.4J pg/g 10J pg/g 2.1J pg/g	A	bl
440-179419-2	RIDB-3-30.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	1.2J pg/g 15J pg/g 2.1J pg/g	A	bl
440-179419-2	RIDB-15-1.0-20170310	OCDD	22J pg/g	A	bl
440-179419-2	RIDB-15-5.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD OCDF Total HpCDD	0.54J pg/g 7.1J pg/g 1.8J pg/g 1.1J pg/g	A	bl
440-179419-2	RIDB-15-10.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	1.2J pg/g 8.8J pg/g 1.9J pg/g	A	bl
440-179419-2	RIDB-15-20.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.53J pg/g 6.9J pg/g 1.0J pg/g	A	bl
440-179419-2	RIDB-15-30.0-20170310	1,2,3,4,6,7,8-HpCDD OCDD OCDF Total HpCDD	0.44J pg/g 8.1J pg/g 3.5J pg/g 0.96J pg/g	A	bl
440-179456-2	RIDB-5-5.0-20170311	OCDD	9.1J pg/g	A	bl
440-179456-2	RIDB-5-5.0-20170311-FD	OCDD	7.3J pg/g	A	bl
440-179456-2	RIDB-5-20.0-20170311	1,2,3,4,6,7,8-HpCDD OCDD	1.5J pg/g 11J pg/g	A	bl
440-179456-2	RIDB-5-30.0-20170311	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.12J pg/g 0.25J pg/g 0.83J pg/g 12J pg/g 0.12J pg/g 1.6J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-179456-2	RI-16-5.0-20170312	OCDD	23J pg/g	A	bl
440-179456-2	RI-16-10.0-20170312	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.26J pg/g 0.79J pg/g 8.8J pg/g 1.4J pg/g	A	bl
440-179456-2	RI-16-20.0-20170312	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.17J pg/g 0.13J pg/g 0.53J pg/g 8.0J pg/g 0.35J pg/g 1.0J pg/g	A	bl
440-179456-2	RI-16-30.0-20170312	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HpCDD Total HpCDF	0.17J pg/g 0.20J pg/g 0.36J pg/g 0.29J pg/g 0.15J pg/g 5.6J pg/g 0.90J pg/g 0.68J pg/g 0.63J pg/g	A	bl
440-179456-2	RIDB-7-5.0-20170312	1,2,3,4,6,7,8-HpCDD OCDD	1.7J pg/g 7.2J pg/g	A	bl
440-179456-2	RIDB-7-10.0-20170312	OCDD	9.7J pg/g	A	bl
440-179456-2	RIDB-7-20.0-20170312	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.063J pg/g 0.089J pg/g 0.086J pg/g 0.44J pg/g 0.27J pg/g 0.11J pg/g 5.9J pg/g 0.87J pg/g 0.15J pg/g 0.14J pg/g 0.85J pg/g 0.55J pg/g	A	bl
440-179456-2	RIDB-7-30.0-20170312	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.085J pg/g 0.72J pg/g 0.32J pg/g 0.14J pg/g 9.2J pg/g 1.4J pg/g 0.085J pg/g 0.33J pg/g 1.3J pg/g 0.75J pg/g	A	bl
440-179637-2	RIDB-18-10.0-20170314-EB*	1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HpCDF	1.5J pg/L 9.1J pg/L 7.0J pg/L 1.6J pg/L 2.8J pg/L	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-179637-2	RIDB-18-1.0-20170314**	1,2,3,7,8,9-HxCDF OCDD	0.18J pg/g 0.60J pg/g	A	bl
440-179637-2	RIDB-18-5.0-20170314**	2,3,7,8-TCDF 1,2,3,7,8-PeCDF 1,2,3,7,8,9-HxCDD 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDD Total TCDF Total PeCDF Total HxCDF Total HpCDD Total HpCDF	0.051J pg/g 0.081J pg/g 0.17J pg/g 0.049J pg/g 0.044J pg/g 0.092J pg/g 0.19J pg/g 0.22J pg/g 0.094J pg/g 0.78J pg/g 0.48J pg/g 0.21J pg/g 0.099J pg/g 0.11J pg/g 0.30J pg/g 0.37J pg/g 0.38J pg/g	A	bl
440-179637-2	RIDB-18-10.0-20170314**	2,3,7,8-TCDF 1,2,3,7,8-PeCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total TCDD Total TCDF Total PeCDF Total HxCDF Total HpCDD Total HpCDF	0.052J pg/g 0.023J pg/g 0.087J pg/g 0.094J pg/g 0.036J pg/g 0.030J pg/g 0.063J pg/g 0.051J pg/g 0.16J pg/g 0.11J pg/g 0.35J pg/g 0.19J pg/g 0.098J pg/g 0.074J pg/g 0.058J pg/g 0.18J pg/g 0.37J pg/g 0.19J pg/g	A	bl
440-179637-2	RIDB-18-20.0-20170314**	2,3,7,8-TCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.058J pg/g 0.034J pg/g 0.030J pg/g 0.10J pg/g 0.16J pg/g 0.077J pg/g 0.041J pg/g 0.022J pg/g 0.19J pg/g 0.15J pg/g 0.14J pg/g 0.077J pg/g 0.33J pg/g 0.21J pg/g 0.34J pg/g 0.32J pg/g 0.26J pg/g 0.25J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-179637-2	RIDB-18-30.0-20170314**	2,3,7,8-TCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDD Total HxCDD Total HxCDF Total HpCDD	0.11J pg/g 0.033J pg/g 0.064J pg/g 0.089J pg/g 0.086J pg/g 0.048J pg/g 0.12J pg/g 0.27J pg/g 0.10J pg/g 0.46J pg/g 0.47J pg/g 0.56J pg/g 0.21J pg/g 0.58J pg/g 0.28J pg/g	A	bl
440-179637-2	RIDB-18-30.0-20170314-FD**	2,3,4,7,8-PeCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF Total HxCDD Total HxCDF Total HpCDD	0.071J pg/g 0.059J pg/g 0.062J pg/g 0.15J pg/g 0.12J pg/g 0.29J pg/g 0.19J pg/g 0.19J pg/g 0.53J pg/g 0.59J pg/g	A	bl
440-180101-2	RIDB-19-5.0-20170320	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF OCDD	0.32J pg/g 0.35J pg/g 5.7J pg/g	A	bl
440-180101-2	RIDB-19-10.0-20170320	OCDD	3.8J pg/g	A	bl
440-180101-2	RIDB-19-20.0-20170320	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.17J pg/g 0.13J pg/g 0.34J pg/g 0.25J pg/g 0.096J pg/g 3.1J pg/g 0.77J pg/g 0.77J pg/g 0.31J pg/g 0.69J pg/g 0.50J pg/g	A	bl
440-180101-2	RIDB-19-30.0-20170320	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.11J pg/g 0.14J pg/g 0.36J pg/g 0.32J pg/g 0.16J pg/g 4.4J pg/g 0.91J pg/g 0.36J pg/g 0.53J pg/g 0.70J pg/g 0.72J pg/g	A	bl
440-180101-2	RIDB-11-10.0-20170320	OCDD	5.2J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-180193-2	RIDB-11-30.0-20170321	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.16J pg/g 0.24J pg/g 0.61J pg/g 5.6J pg/g 0.31J pg/g 1.2J pg/g	A	bl
440-180193-2	RIDB-27-1.0-20170321	OCDD	7.8J pg/g	A	bl
440-180331-2	RIDB-12-10.0-20170322**	1,2,3,7,8,9-HxCDD OCDD Total HpCDD	1.0J pg/g 9.8J pg/g 5.9J pg/g	A	bl
440-180331-2	RIDB-12-30.0-20170322**	1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.11J pg/g 1.0J pg/g 1.1J pg/g 0.37J pg/g 11J pg/g 3.7J pg/g 0.10J pg/g 0.081J pg/g 0.18J pg/g 0.11J pg/g 0.44J pg/g 1.9J pg/g 2.1J pg/g	A	bl
440-180331-2	RIDB-27-5.0-20170321**	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.41J pg/g 2.0J pg/g 12J pg/g 4.2J pg/g	A	bl
440-180331-2	RIDB-27-20.0-20170321**	1,2,3,7,8,9-HxCDD OCDD Total HpCDD	1.1J pg/g 9.4J pg/g 6.6J pg/g	A	bl
440-180331-2	RIDB-27-30.0-20170321**	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD Total HxCDD Total HpCDD	0.18J pg/g 0.16J pg/g 0.85J pg/g 1.8J pg/g 11J pg/g 0.73J pg/g 1.6J pg/g	A	bl
440-180439-2	RIDB-28-5.0-20170322	OCDD	19J pg/g	A	bl
440-180439-2	RIDB-28-10.0-20170323-FD	OCDD	13J pg/g	A	bl
440-180439-2	RIDB-28-20.0-20170323	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total PeCDD Total HxCDD Total HpCDD Total HpCDF	0.39J pg/g 0.24J pg/g 0.54J pg/g 2.5J pg/g 1.1J pg/g 2.2J pg/g 0.46J pg/g 1.1J pg/g 0.86J pg/g 5.0J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-180439-2	RIDB-28-30.0-20170323	2,3,7,8-TCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDD Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.078J pg/g 0.093J pg/g 0.14J pg/g 0.39J pg/g 0.34J pg/g 0.099J pg/g 1.6J pg/g 0.89J pg/g 0.11J pg/g 0.17J pg/g 0.99J pg/g 0.22J pg/g 1.0J pg/g 0.55J pg/g	A	bl
440-180439-2	RIDB-25-30.0-20170323	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total PeCDD Total HxCDD Total HpCDD Total HpCDF	0.15J pg/g 0.24J pg/g 1.1J pg/g 0.51J pg/g 1.3J pg/g 2.6J pg/g 0.43J pg/g 0.51J pg/g 0.57J pg/g 2.4J pg/g	A	bl
440-180593-2	RIDB-24-30.0-20170324	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD Total HxCDF Total HpCDD Total HpCDF	0.082J pg/g 0.081J pg/g 0.080J pg/g 0.097J pg/g 0.39J pg/g 0.16J pg/g 0.24J pg/g 0.55J pg/g	A	bl
440-180593-2	RIDB-26-10.0-20170324	1,2,3,7,8,9-HxCDF OCDD	0.13J pg/g 0.69J pg/g	A	bl
440-180593-2	RIDB-26-30.0-20170324	Total HpCDD	0.67J pg/g	A	bl
440-180696-2	RIDB-22-10.0-20170327	OCDD Total HpCDD	0.76J pg/g 0.89J pg/g	A	bl
440-180696-2	RIDB-22-30.0-20170327	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total TCDF Total HxCDF Total HpCDD Total HpCDF	0.074J pg/g 0.11J pg/g 0.16J pg/g 0.35J pg/g 0.96J pg/g 0.84J pg/g 0.074J pg/g 0.30J pg/g 0.36J pg/g 0.42J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-180819-2	RIDB-21-30.0-20170328	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HpCDD Total HpCDF	0.059J pg/g 0.13J pg/g 0.62J pg/g 0.30J pg/g 0.75J pg/g 1.9J pg/g 0.32J pg/g 1.3J pg/g	A	bl
440-181420-2	RI-5-10.0-20170405	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.083J pg/g 0.076J pg/g 0.066J pg/g 0.069J pg/g 0.18J pg/g 0.87J pg/g 0.28J pg/g 0.39J pg/g	A	bl
440-181420-2	RI-5-20.0-20170405	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDD 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HpCDD	0.055J pg/g 0.089J pg/g 0.092J pg/g 0.063J pg/g 0.13J pg/g 0.24J pg/g 0.47J pg/g 0.50J pg/g 0.30J pg/g	A	bl
440-181420-2	RI-5-30.0-20170405	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDD 1,2,3,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD OCDF Total HxCDD Total HpCDD	0.043J pg/g 0.066J pg/g 0.066J pg/g 0.12J pg/g 0.58J pg/g 0.44J pg/g 0.19J pg/g 0.26J pg/g	A	bl
440-181661-2	RI-9-5.0-20170407	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.11J pg/g 0.094J pg/g 0.24J pg/g 0.87J pg/g 0.40J pg/g	A	bl
440-181716-2	RI-7-10.0-20170408	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.20J pg/g 0.15J pg/g 0.57J pg/g 0.31J pg/g	A	bl
440-181716-2	RI-7-20.0-20170408	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD Total HpCDD Total HpCDF	0.15J pg/g 0.20J pg/g 0.24J pg/g 1.5J pg/g 0.36J pg/g 0.48J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-181716-2	RI-7-20.0-20170408-FD	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.17J pg/g 0.27J pg/g 0.21J pg/g 1.5J pg/g 0.86J pg/g 0.17J pg/g 0.43J pg/g 0.64J pg/g	A	bl
440-181716-2	RI-7-30.0-20170408	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.25J pg/g 0.80J pg/g 0.43J pg/g	A	bl
440-181722-2	RI-9-10.0-20170408	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD Total HpCDD	0.17J pg/g 0.43J pg/g 0.78J pg/g	A	bl
440-181722-2	RI-9-30.0-20170408	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HpCDD Total HpCDF	0.090J pg/g 0.15J pg/g 0.30J pg/g 0.85J pg/g 0.79J pg/g 0.32J pg/g 0.57J pg/g	A	bl
440-181722-2	RI-10-5.0-20170409	Total HpCDD	1.0J pg/g	A	bl
440-181745-2	RI-20-20.0-20170410**	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.17J pg/g 0.66J pg/g 0.34J pg/g	A	bl
440-181745-2	RI-20-30.0-20170410**	1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.17J pg/g 0.70J pg/g 0.33J pg/g	A	bl
440-181749-2	RI-10-20.0-20170410	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.11J pg/g 0.34J pg/g 1.5J pg/g 0.66J pg/g	A	bl
440-181749-2	RI-10-30.0-20170410	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HpCDD Total HpCDF	0.18J pg/g 0.19J pg/g 0.29J pg/g 1.7J pg/g 0.87J pg/g 0.47J pg/g 0.58J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-182494-2	RI-24-10.0-20170418	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD Total TCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD	0.15J pg/g 0.15J pg/g 0.22J pg/g 0.10J pg/g 0.041J pg/g 0.15J pg/g 0.27J pg/g 0.17J pg/g 1.4J pg/g 0.60J pg/g 0.040J pg/g 0.38J pg/g 0.27J pg/g 0.88J pg/g 0.51J pg/g	A	bl
440-182494-2	RI-24-20.0-20170418	2,3,7,8-TCDF 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total TCDF Total PeCDF Total HxCDD Total HxCDF Total HpCDD	0.082J pg/g 0.080J pg/g 0.050J pg/g 0.11J pg/g 0.23J pg/g 0.12J pg/g 0.026J pg/g 0.17J pg/g 0.11J pg/g 0.47J pg/g 0.19J pg/g 0.43J pg/g 0.29J pg/g 0.40J pg/g 0.25J pg/g 0.82J pg/g 0.26J pg/g	A	bl
440-182494-2	RI-24-40.0-20170418	2,3,7,8-TCDF 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total TCDF Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.066J pg/g 0.049J pg/g 0.11J pg/g 0.085J pg/g 0.031J pg/g 0.054J pg/g 0.17J pg/g 0.20J pg/g 0.53J pg/g 0.40J pg/g 0.35J pg/g 0.076J pg/g 0.13J pg/g 0.35J pg/g 0.34J pg/g 0.20J pg/g	A	bl
440-182498-2	RI-25-10.0-20170418	1,2,3,7,8-PeCDD 1,2,3,7,8,9-HxCDD 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total PeCDD Total HpCDD	0.11J pg/g 0.24J pg/g 0.17J pg/g 0.34J pg/g 1.2J pg/g 0.11J pg/g 0.57J pg/g	A	bl
440-182498-2	RI-25-20.0-20170418	OCDD	1.8J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-182498-2	RI-25-40.0-20170418	2,3,7,8-TCDF 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.35J pg/g 0.14J pg/g 0.064J pg/g 0.028J pg/g 0.15J pg/g 0.081J pg/g 0.050J pg/g 0.079J pg/g 0.15J pg/g 0.24J pg/g 0.093J pg/g 0.67J pg/g 0.59J pg/g 0.53J pg/g 0.33J pg/g 0.092J pg/g 0.41J pg/g 0.30J pg/g 0.45J pg/g	A	bl
440-182804-2	RI-21-10.0-20170422	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.13J pg/g 0.082J pg/g 0.16J pg/g 0.57J pg/g 0.31J pg/g	A	bl
440-182804-2	RI-21-30.0-20170422	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDD Total HpCDD Total HpCDF	0.094J pg/g 0.11J pg/g 0.12J pg/g 0.12J pg/g 0.73J pg/g 0.28J pg/g 0.094J pg/g 0.28J pg/g 0.12J pg/g	A	bl
440-182829-2	RI-8-5.0-20170422	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.17J pg/g 0.24J pg/g 0.61J pg/g 0.42J pg/g	A	bl
440-182829-2	RI-8-10.0-20170422	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.085J pg/g 0.13J pg/g 0.31J pg/g 0.085J pg/g 0.25J pg/g	A	bl
440-182829-2	RI-8-10.0-20170422-FD	1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.18J pg/g 0.31J pg/g 0.14J pg/g 0.43J pg/g	A	bl
440-182829-2	RI-8-20.0-20170422	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.14J pg/g 0.15J pg/g 0.19J pg/g 0.67J pg/g 0.27J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-182829-2	RI-8-30.0-20170422	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD Total HpCDD Total HpCDF	0.073J pg/g 0.15J pg/g 0.17J pg/g 0.51J pg/g 0.31J pg/g 0.17J pg/g	A	bl
440-182886-2	RI-1-30.0-20170424	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.14J pg/g 0.13J pg/g 0.16J pg/g 0.84J pg/g 0.45J pg/g	A	bl
440-182943-2	RI-2-5.0-20170425**	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.13J pg/g 0.11J pg/g 0.13J pg/g 1.1J pg/g 0.30J pg/g	A	bl
440-182943-2	RI-2-10.0-20170425**	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.075J pg/g 0.056J pg/g 0.096J pg/g 0.090J pg/g 0.35J pg/g 0.19J pg/g 0.14J pg/g 0.21J pg/g 0.13J pg/g	A	bl
440-182943-2	RI-2-20.0-20170425**	1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.16J pg/g 0.34J pg/g 0.95J pg/g 0.55J pg/g	A	bl
440-182943-2	RI-2-30.0-20170425**	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.095J pg/g 0.16J pg/g 0.15J pg/g 0.54J pg/g 0.35J pg/g	A	bl
440-183293-2	M-5D-20170501*	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.22J pg/L 0.52J pg/L 0.35J pg/L 0.28J pg/L 0.35J pg/L 0.68J pg/L 0.76J pg/L 0.53J pg/L 0.44J pg/L 2.8J pg/L 1.4J pg/L 0.17J pg/L 1.1J pg/L 1.6J pg/L 1.6J pg/L 0.97J pg/L	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-183423-2	M-203-20170502*	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.45J pg/L 0.34J pg/L 0.80J pg/L 0.82J pg/L 1.2J pg/L 0.79J pg/L 1.3J pg/L 1.5J pg/L 2.6J pg/L 1.0J pg/L 4.9J pg/L 4.2J pg/L 0.99J pg/L 2.0J pg/L 3.3J pg/L 2.5J pg/L 3.7J pg/L	A	bl
440-183424-2	RI-13-5.0-20170502	1,2,3,4,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total HxCDF Total HpCDD Total HpCDF	0.058J pg/g 0.036J pg/g 0.090J pg/g 0.12J pg/g 0.14J pg/g 0.053J pg/g 0.51J pg/g 0.29J pg/g 0.029J pg/g 0.21J pg/g 0.27J pg/g 0.24J pg/g	A	bl
440-183424-2	RI-13-20.0-20170502	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HpCDD	0.086J pg/g 0.11J pg/g 0.21J pg/g 0.64J pg/g 1.4J pg/g 0.25J pg/g	A	bl
440-183424-2	RI-13-30.0-20170502	1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.066J pg/g 0.031J pg/g 0.057J pg/g 0.057J pg/g 0.15J pg/g 0.072J pg/g 0.34J pg/g 0.40J pg/g 0.21J pg/g 0.17J pg/g 0.33J pg/g	A	bl
440-183426-2	RIDB-16-10.0-20170502	1,2,3,7,8,9-HxCDF OCDD Total HpCDD	0.14J pg/g 0.74J pg/g 1.1J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-183426-2	RIDB-16-20.0-20170502	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.051J pg/g 0.15J pg/g 0.32J pg/g 0.13J pg/g 0.66J pg/g 0.89J pg/g 0.48J pg/g 0.28J pg/g 0.66J pg/g	A	bl
440-183426-2	RIDB-16-30.0-20170502	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.18J pg/g 0.37J pg/g 0.94J pg/g 0.69J pg/g	A	bl
440-183574-2	RI-12-5.0-20170503**	1,2,3,7,8,9-HxCDF	0.28J pg/g	A	bl
440-183574-2	RI-12-10.0-20170503**	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.20J pg/g 0.62J pg/g 4.5J pg/g 1.0J pg/g	A	bl
440-183574-2	RI-12-20.0-20170503**	1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HpCDD Total HpCDF	0.14J pg/g 0.14J pg/g 0.17J pg/g 0.10J pg/g 0.69J pg/g 0.54J pg/g 0.25J pg/g 0.37J pg/g	A	bl
440-183574-2	RI-12-30.0-20170503**	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,7,8,9-HpCDF OCDD Total HpCDD	0.20J pg/g 0.31J pg/g 0.33J pg/g 0.27J pg/g 1.7J pg/g 0.63J pg/g	A	bl
440-183574-2	RI-12-30.0-20170503-FD**	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.23J pg/g 0.26J pg/g 0.58J pg/g 3.5J pg/g 1.0J pg/g	A	bl
440-183702-2	RI-22-5.0-20170504	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HpCDD	0.15J pg/g 0.11J pg/g 0.30J pg/g 3.3J pg/g 0.57J pg/g	A	bl
440-183702-2	RI-22-10.0-20170504	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total HpCDD Total HpCDF	0.12J pg/g 0.10J pg/g 0.15J pg/g 0.37J pg/g 0.14J pg/g 0.60J pg/g 0.33J pg/g 0.69J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-183702-2	RI-22-20.0-20170504	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HpCDD Total HpCDF	0.064J pg/g 0.098J pg/g 0.12J pg/g 0.23J pg/g 0.070J pg/g 0.48J pg/g 0.62J pg/g 0.13J pg/g 0.29J pg/g 0.45J pg/g	A	bl
440-183702-2	RI-22-30.0-20170504	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDF Total HpCDD Total HpCDF	0.12J pg/g 0.14J pg/g 0.24J pg/g 0.13J pg/g 0.071J pg/g 2.9J pg/g 0.27J pg/g 0.30J pg/g 0.54J pg/g 0.26J pg/g	A	bl
440-183702-2	RI-22-40.0-20170504	1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.066J pg/g 0.13J pg/g 0.10J pg/g 0.17J pg/g 0.047J pg/g 0.45J pg/g 0.40J pg/g 0.14J pg/g 0.13J pg/g 0.27J pg/g 0.32J pg/g	A	bl
440-184858-2	RI-6-10.0-20170518	1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF OCDD Total HpCDD	0.21J pg/g 0.24J pg/g 0.42J pg/g 0.42J pg/g 0.45J pg/g 1.7J pg/g 1.9J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-184858-2	RI-27-5.0-20170519	2,3,7,8-TCDF 1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.13J pg/g 0.12J pg/g 0.14J pg/g 0.13J pg/g 0.084J pg/g 0.22J pg/g 0.31J pg/g 0.19J pg/g 0.17J pg/g 0.085J pg/g 0.14J pg/g 0.24J pg/g 0.35J pg/g 0.22J pg/g 0.64J pg/g 0.86J pg/g 0.12J pg/g 0.59J pg/g 0.64J pg/g 0.84J pg/g 0.36J pg/g 0.70J pg/g	A	bl
440-184858-2	RI-27-10.0-20170519	1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD Total PeCDD Total HxCDD Total HpCDD	0.20J pg/g 0.50J pg/g 0.32J pg/g 0.12J pg/g 0.25J pg/g 0.33J pg/g 0.25J pg/g 0.37J pg/g 0.87J pg/g 0.26J pg/g 0.84J pg/g 1.5J pg/g	A	bl
440-184858-2	RI-27-20.0-20170519	2,3,7,8-TCDF 1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.056J pg/g 0.14J pg/g 0.13J pg/g 0.10J pg/g 0.095J pg/g 0.24J pg/g 0.16J pg/g 0.16J pg/g 0.12J pg/g 0.15J pg/g 0.18J pg/g 0.25J pg/g 0.12J pg/g 0.52J pg/g 0.61J pg/g 0.099J pg/g 0.14J pg/g 0.24J pg/g 1.0J pg/g 0.65J pg/g 0.38J pg/g 0.47J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-184858-2	RI-27-30.0-20170519	1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.12J pg/g 0.30J pg/g 0.079J pg/g 0.20J pg/g 0.16J pg/g 0.32J pg/g 0.26J pg/g 0.17J pg/g 0.25J pg/g 0.21J pg/g 0.51J pg/g 0.21J pg/g 0.66J pg/g 1.3J pg/g 0.12J pg/g 0.51J pg/g 0.48J pg/g 1.2J pg/g 0.33J pg/g 0.82J pg/g	A	bl
440-184858-2	RI-27-40.0-20170519	2,3,7,8-TCDF 1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.19J pg/g 0.14J pg/g 0.29J pg/g 0.17J pg/g 0.11J pg/g 0.15J pg/g 0.15J pg/g 0.39J pg/g 0.26J pg/g 0.18J pg/g 0.24J pg/g 0.62J pg/g 0.34J pg/g 0.46J pg/g 0.22J pg/g 1.1J pg/g 0.45J pg/g 1.2J pg/g 0.38J pg/g 1.4J pg/g	A	bl
440-184858-2	RIDB-29-5.0-20170519	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD OCDD Total HpCDD	0.22J pg/g 0.33J pg/g 0.37J pg/g 2.4J pg/g 1.7J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-184950-2	RIDB-29-20.0-20170522	2,3,7,8-TCDF 1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total TCDF Total PeCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.10J pg/g 0.11J pg/g 0.19J pg/g 0.16J pg/g 0.067J pg/g 0.15J pg/g 0.21J pg/g 0.13J pg/g 0.19J pg/g 0.50J pg/g 0.21J pg/g 0.51J pg/g 1.3J pg/g 0.10J pg/g 0.11J pg/g 0.46J pg/g 0.53J pg/g 0.13J pg/g 0.29J pg/g 0.86J pg/g	A	bl
440-184950-2	RIDB-29-30.0-20170522	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD OCDF Total PeCDF Total HxCDD Total HxCDF Total HpCDD Total HpCDF	0.13J pg/g 0.12J pg/g 0.069J pg/g 0.16J pg/g 0.21J pg/g 0.22J pg/g 0.14J pg/g 0.12J pg/g 0.19J pg/g 0.36J pg/g 0.37J pg/g 0.17J pg/g 0.61J pg/g 0.70J pg/g 0.25J pg/g 0.45J pg/g 0.68J pg/g 0.98J pg/g 0.57J pg/g	A	bl
440-185476-2	RI-23-20.0-20170530	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.14J pg/g 0.28J pg/g 0.35J pg/g 0.60J pg/g 0.67J pg/g 2.2J pg/g 0.77J pg/g 1.2J pg/g	A	bl
440-185476-2	RI-23-30.0-20170530	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total PeCDF Total HxCDD Total HpCDD Total HpCDF	0.22J pg/g 0.17J pg/g 0.24J pg/g 0.24J pg/g 0.28J pg/g 0.33J pg/g 0.40J pg/g 0.28J pg/g 1.1J pg/g 0.32J pg/g 0.65J pg/g 0.51J pg/g 0.81J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-185476-2	RI-23-40.0-20170530	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDD Total HxCDD Total HpCDD Total HpCDF	0.21J pg/g 0.14J pg/g 0.48J pg/g 0.40J pg/g 0.32J pg/g 0.30J pg/g 1.1J pg/g 1.0J pg/g 0.63J pg/g 0.30J pg/g	A	bl
440-186351-2	RI-17-20.0-20170612	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.099J pg/g 0.28J pg/g 0.27J pg/g 0.62J pg/g 2.4J pg/g 0.93J pg/g 1.0J pg/g	A	bl
440-186351-2	RI-17-30.0-20170612	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total PeCDF Total HxCDD Total HpCDD Total HpCDF	0.15J pg/g 0.11J pg/g 0.13J pg/g 0.17J pg/g 0.18J pg/g 0.25J pg/g 0.33J pg/g 0.18J pg/g 0.81J pg/g 0.36J pg/g 0.42J pg/g 0.47J pg/g 0.59J pg/g	A	bl
440-186517-2	RI-28-20.0-20170614	1,2,3,7,8-PeCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total PeCDF Total HpCDD Total HpCDF	0.17J pg/g 0.38J pg/g 0.29J pg/g 0.30J pg/g 0.15J pg/g 1.5J pg/g 0.31J pg/g 0.45J pg/g 0.56J pg/g	A	bl
440-186517-2	RI-28-30.0-20170614	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total HxCDD Total HpCDD Total HpCDF	0.20J pg/g 0.11J pg/g 0.19J pg/g 0.34J pg/g 0.28J pg/g 0.22J pg/g 0.50J pg/g 0.27J pg/g 0.93J pg/g 0.65J pg/g 0.41J pg/g 0.92J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-186517-2	RI-28-40.0-20170614	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total HxCDD Total HpCDD Total HpCDF	0.19J pg/g 0.13J pg/g 0.20J pg/g 0.26J pg/g 0.28J pg/g 0.35J pg/g 0.27J pg/g 0.22J pg/g 2.1J pg/g 0.60J pg/g 0.61J pg/g 0.49J pg/g	A	bl
440-186634-2	RI-11-5.0-20170615	1,2,3,4,7,8-HxCDD 1,2,3,7,8,9-HxCDF	0.19J pg/g 0.58J pg/g	A	bl
440-186634-2	RI-11-10.0-20170615	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDF	0.18J pg/g 0.42J pg/g 0.34J pg/g	A	bl
440-186634-2	RI-11-20.0-20170615	1,2,3,4,7,8-HxCDD	0.33J pg/g	A	bl
440-186634-2	RI-11-30.0-20170615	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDD Total PeCDF Total HxCDD Total HpCDD Total HpCDF	0.16J pg/g 0.10J pg/g 0.18J pg/g 0.52J pg/g 0.20J pg/g 0.95J pg/g 0.16J pg/g 0.26J pg/g 0.33J pg/g 0.72J pg/g	A	bl
440-186720-2	RI-26-1.0-20170616	1,2,3,4,7,8-HxCDD	0.81J pg/g	A	bl
440-186720-2	RI-26-5.0-20170616	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.93J pg/g 0.59J pg/g 0.58J pg/g 0.31J pg/g 0.27J pg/g 0.51J pg/g 1.5J pg/g 0.89J pg/g 0.51J pg/g	A	bl
440-186720-2	RI-26-5.0-20170616-FD	2,3,4,7,8-PeCDF 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total HxCDD Total HpCDD	0.54J pg/g 0.60J pg/g 0.42J pg/g 0.30J pg/g 0.58J pg/g 3.1J pg/g 1.0J pg/g 0.58J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-186720-2	RI-26-10.0-20170616	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD Total PeCDF Total HxCDD Total HxCDF	0.20J pg/g 0.17J pg/g 0.16J pg/g 0.17J pg/g 0.27J pg/g 0.20J pg/g 0.28J pg/g 0.20J pg/g 0.28J pg/g 0.68J pg/g 0.36J pg/g 0.60J pg/g 0.97J pg/g	A	bl
440-186720-2	RI-26-20.0-20170616	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD	0.14J pg/g 0.13J pg/g 0.16J pg/g 0.31J pg/g 0.33J pg/g 0.20J pg/g 0.14J pg/g 0.21J pg/g 0.21J pg/g 0.39J pg/g 1.9J pg/g 0.27J pg/g 0.80J pg/g 0.76J pg/g 0.39J pg/g	A	bl
440-186786-2	RI-26-30.0-20170616	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD	0.19J pg/g 0.12J pg/g 0.15J pg/g 0.25J pg/g 0.17J pg/g 0.13J pg/g 0.19J pg/g 0.28J pg/g 0.80J pg/g 0.19J pg/g 0.51J pg/g 0.49J pg/g 0.40J pg/g	A	bl
440-186786-2	RI-26-40.0-20170616	1,2,3,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDD OCDD Total PeCDF Total HxCDD Total HxCDF Total HpCDD	0.28J pg/g 0.23J pg/g 0.45J pg/g 0.36J pg/g 0.23J pg/g 0.45J pg/g 1.8J pg/g 0.28J pg/g 1.0J pg/g 0.87J pg/g 0.70J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-187533-2	RI-3-5.0-20170629	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF Total PeCDF Total HxCDD Total HxCDF	0.35J pg/g 0.23J pg/g 0.49J pg/g 0.38J pg/g 0.61J pg/g 0.37J pg/g 0.30J pg/g 0.32J pg/g 0.49J pg/g 0.82J pg/g 1.5J pg/g 1.5J pg/g	A	bl
440-187533-2	RI-3-10.0-20170629	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD Total HxCDD Total HxCDF Total HpCDD OCDD	0.13J pg/g 0.13J pg/g 0.29J pg/g 0.21J pg/g 0.24J pg/g 0.14J pg/g 0.23J pg/g 0.21J pg/g 0.65J pg/g 0.81J pg/g 0.30J pg/g 0.73J pg/g	A	bl
440-187533-2	RI-3-20.0-20170629	2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDD Total PeCDF Total HxCDD Total HxCDF	0.21J pg/g 0.29J pg/g 0.51J pg/g 0.40J pg/g 0.39J pg/g 0.35J pg/g 0.35J pg/g 0.39J pg/g 0.74J pg/g 0.21J pg/g 1.2J pg/g 1.5J pg/g	A	bl
440-187589-2	RI-4-5.0-20170630	1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDF Total PeCDD Total HpCDD Total HpCDF	0.23J pg/g 1.1J pg/g 2.9J pg/g 0.11J pg/g 0.23J pg/g 2.0J pg/g	A	bl
440-187594-2	RI-4-10.0-20170630**	1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDF Total HpCDD Total HpCDF	0.48J pg/g 0.31J pg/g 1.1J pg/g 0.83J pg/g 0.60J pg/g	A	bl
440-187594-2	RI-4-20.0-20170630**	1,2,3,4,6,7,8-HpCDD OCDF Total PeCDD Total HpCDD	2.3J pg/g 12J pg/g 0.15J pg/g 3.8J pg/g	A	bl

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
440-187594-2	RI-4-30.0-20170630**	1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDF Total HpCDD Total HpCDF	3.7J pg/g 0.90J pg/g 8.0J pg/g 6.5J pg/g 3.0J pg/g	A	bl
440-187594-2	RI-4-30.0-20170630-FD**	1,2,3,4,6,7,8-HpCDD 1,2,3,4,6,7,8-HpCDF OCDF Total HpCDD Total HpCDF	0.46J pg/g 0.82J pg/g 2.4J pg/g 0.46J pg/g 1.4J pg/g	A	bl

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Polychlorinated Dioxins/Dibenzofurans - Field Blank Data Qualification Summary - SDGs 320-26104-1, 320-26133-1, 440-179022-2, 440-179153-2, 440-179280-2, 440-179419-2, 440-179456-2, 440-179637-2, 440-180101-2, 440-180193-2, 440-180331-2, 440-180439-2, 440-180593-2, 440-180696-2, 440-180819-2, 440-181200-2, 440-181297-2, 440-181420-2, 440-181661-2, 440-181716-2, 440-181722-2, 440-181745-2, 440-181749-2, 440-182494-2, 440-182498-2, 440-182804-2, 440-182829-2, 440-182886-2, 440-182943-2, 440-183293-2, 440-183423-2, 440-183424-2, 440-183426-2, 440-183574-2, 440-183702-2, 440-184858-2, 440-184950-2, 440-185476-2, 440-186351-2, 440-186517-2, 440-186634-2, 440-186720-2, 440-186786-2, 440-187533-2, 440-187589-2, 440-187594-2

No Sample Data Qualified in these SDGs

ATTACHMENT H
Metals DVR

Metals by Environmental Protection Agency (EPA) Methods 200.7/200.8 and SW 846 Methods 6010B/6020A/7470A/7471A

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

ICP-MS tune data were not reviewed for Stage 2A validation.

III. Instrument Calibration

Initial and continuing calibrations were performed as required by the methods.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits with the following exceptions:

SDG	Date	Lab. Reference/ID	Analyte	%R (Limits)	Associated Samples	Flag	A or P
440-181200-1	04/13/17	CRI	Lead	68 (70-130)	RIDB-23-1.0-20170403 RIDB-23-5.0-20170403	UJ (all non-detects)	P
440-182494-1	04/25/17	CRA (CRQL)	Mercury	132 (70-130)	RI-24-10.0-20170418	J+ (all detects)	P
440-182498-1	04/25/17	CRA (CRQL; 16:56)	Mercury	132 (70-130)	RI-25-10.0-20170418	J+ (all detects)	P
440-183424-1	05/10/17	CRI (10:28)	Lead	69 (70-130)	RI-13-30.0-20170502	J- (all detects)	P
440-183426-1	05/10/17	CRI (10:28)	Lead	69 (70-130)	RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-20.0-20170502	J- (all detects) UJ (all non-detects)	P

IV. ICP Interference Check Sample Analysis

The frequency of interference check sample (ICS) analysis was met. All criteria were within QC limits with the following exceptions:

SDG	ICS ID	Date/ Time	Analyte	Concentration (Limits)	Associated Samples	Flag	A or P
440-178027-1	ICSA	03/06/17	Boron	0.0972 mg/L (≤0.050)	RIDB-9-10.0-20170223**	J+ (all detects)	A

SDG	ICS ID	Date/ Time	Analyte	Concentration (Limits)	Associated Samples	Flag	A or P
440-184858-1	ICSA	06/01/17 (18:25)	Boron	0.0578 mg/L (≤0.05)	RI-27-20.0-20170519** RI-27-40.0-20170519**	J+ (all detects)	A

ICP Interference check sample (ICS) analysis data were not reviewed for Stage 2A validation.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks with the following exceptions:

SDG	Blank ID	Analyte	Maximum Concentration	Associated Samples
440-178027-1	ICB/CCB	Lead	2.98 ug/L	RIDB-14-1.0-20170223** RIDB-14-10.0-20170223**
440-178027-1	ICB/CCB	Lead	4.29 ug/L	RIDB-14-5.0-20170223** RIDB-14-20.0-20170223** RIDB-9-10.0-20170223** RIDB-9-20.0-20170223** RIDB-9-30.0-20170223**
440-178172-1	PB (prep blank)	Iron	11.3 mg/Kg	RIDB-10-5.0-20170223 RIDB-13-1.0-20170224 RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-14-30.0-20170223
440-178172-1	ICB/CCB	Lead	7.48 ug/L	RIDB-13-10.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD RIDB-10-10.0-20170224 RIDB-10-20.0-20170224
440-178172-1	ICB/CCB	Lead	4.29 ug/L	RIDB-10-5.0-20170223 RIDB-13-5.0-20170224 RIDB-14-30.0-20170223
440-178172-1	ICB/CCB	Lead	2.98 ug/L	RIDB-10-1.0-20170223 RIDB-10-30.0-20170224
440-178172-1	ICB/CCB	Lead	4.87 ug/L	RIDB-13-1.0-20170224

SDG	Blank ID	Analyte	Maximum Concentration	Associated Samples
440-178302-1	PB (prep blank)	Tungsten Zirconium	0.171 mg/Kg 0.0654 mg/Kg	RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226**
440-178302-1	ICB/CCB	Lead	2.77 ug/L	RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-30.0-20170226**
440-179022-1	ICB/CCB	Silver	0.0117 mg/L	RIDB-4-0.5-20170306 RIDB-4-5.0-20170307 RIDB-4-10.0-20170307 RIDB-4-10.0-20170307-FD RIDB-4-20.0-20170307 RIDB-4-30.0-20170307 RIDB-20-1.0-20170307
440-179153-1	PB (prep blank)	Lead	2.75 ug/L	RIDB-1-30.0-20170308-EB*
440-179153-1	ICB/CCB	Silver	0.00583 mg/L	RIDB-1-0.5-20170308 RIDB-1-5.0-20170308 RIDB-1-10.0-20170308 RIDB-1-20.0-20170308 RIDB-1-30.0-20170308 RIDB-20-5.0-20170308 RIDB-20-10.0-20170308 RIDB-20-20.0-20170308
440-179153-1	ICB/CCB	Silver	0.00596 mg/L	RIDB-20-30.0-20170308 RIDB-20-30.0-20170308-FD
440-179280-1	ICB/CCB	Lead	0.00356 mg/L	RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309
440-179419-1	ICB/CCB	Silver	0.00593 mg/L	RIDB-3-0.5-20170310 RIDB-3-5.0-20170310 RIDB-3-10.0-20170310 RIDB-3-20.0-20170310 RIDB-3-30.0-20170310
440-179419-1	ICB/CCB	Magnesium	0.0828 mg/L	RIDB-15-1.0-20170310 RIDB-15-5.0-20170310 RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310
440-179419-3	ICB/CCB	Arsenic	1.58 ug/L	RIDB-3-0.5-20170310

SDG	Blank ID	Analyte	Maximum Concentration	Associated Samples
440-179456-1	PB (prep blank)	Magnesium	6.03 mg/Kg	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312
440-179637-1	ICB/CCB	Magnesium	0.0120 mg/L	RIDB-18-1.0-20170314 RIDB-18-5.0-20170314 RIDB-18-20.0-20170314 RIDB-18-30.0-20170314
440-179637-1	ICB/CCB	Magnesium	0.0471 mg/L	RIDB-18-10.0-20170314 RIDB-18-30.0-20170314-FD
440-180101-1	ICB/CCB	Silver	0.00593 mg/L	All samples in SDG 440-180101-1
440-180331-1	PB (prep blank)	Copper	1.28 mg/Kg	RIDB-27-30.0-20170321
440-180439-1	PB (prep blank)	Copper	1.28 mg/Kg	RIDB-28-1.0-20170322 RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-25-1.0-20170323 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-20.0-20170323 RIDB-25-30.0-20170323
440-180593-1	ICB/CCB	Magnesium	59.2 ug/L	RIDB-24-5.0-20170323 RIDB-24-10.0-20170324 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-26-5.0-20170323 RIDB-26-10.0-20170324 RIDB-26-20.0-20170324 RIDB-26-30.0-20170324
440-180593-1	ICB/CCB	Magnesium	45.6 ug/L	RIDB-24-1.0-20170323 RIDB-26-1.0-20170323
440-180696-1	ICB/CCB	Magnesium	58.6 ug/L	RIDB-22-10.0-20170327 RIDB-22-20.0-20170327 RIDB-22-30.0-20170327

SDG	Blank ID	Analyte	Maximum Concentration	Associated Samples
440-180696-1	ICB/CCB	Magnesium	45.6 ug/L	RIDB-22-1.0-20170327 RIDB-22-1.0-20170327-FD RIDB-22-5.0-20170327
440-181200-1	ICB/CCB	Magnesium	0.0143 mg/L	RIDB-23-1.0-20170403 RIDB-23-10.0-20170403
440-181200-1	ICB/CCB	Magnesium	0.0375 mg/L	RIDB-23-5.0-20170403 RIDB-23-20.0-20170403
440-181297-1	ICB/CCB	Magnesium	0.0375 mg/L	RIDB-23-30.0-20170404
440-181420-1	ICB/CCB	Magnesium	0.0822 mg/L	RI-5-5.0-20170404** RI-5-10.0-20170405** RI-5-20.0-20170405** RI-5-30.0-20170405**
440-181661-1	ICB/CCB	Magnesium	0.0344 mg/L	RI-9-5.0-20170407
440-181722-1	PB (prep blank)	Iron	6.77 mg/Kg	RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409
440-181722-1	ICB/CCB	Magnesium	0.0156 mg/L	RI-9-10.0-20170408
440-181722-1	ICB/CCB	Magnesium	0.0415 mg/L	RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409
440-181745-1	ICB/CCB	Lead	0.00421 mg/L	RI-20-30.0-20170410
440-181749-1	ICB/CCB	Magnesium	0.0160 mg/L	RI-10-20.0-20170410 RI-10-30.0-20170410
440-182498-1	ICB/CCB	Silver	0.00540 mg/L	RI-25-10.0-20170418 RI-25-20.0-20170418
440-182498-1	PB (prep blank)	Iron	6.02 mg/Kg	RI-25-5.0-20170417 RI-25-10.0-20170418 RI-25-20.0-20170418
440-182601-1	PB (prep blank)	Chromium	0.537 mg/Kg	RI-25-100.0-20170418 RI-25-110.0-20170419 RI-25-120.0-20170419 RI-25-130.0-20170419 RI-25-140.0-20170419 RI-25-150.0-20170419

**Indicates samples underwent Stage 4 validation

SDG	Blank ID	Analyte	Maximum Concentration	Associated Samples
440-182602-1	PB (prep blank)	Chromium	0.537 mg/Kg	RI-24-100.0-20170419 RI-24-110.0-20170419 RI-24-120.0-20170419 RI-24-130.0-20170419 RI-24-140.0-20170419 RI-24-150.0-20170419
440-182804-1	PB (prep blank)	Copper Lead	1.05 mg/Kg 1.04 mg/Kg	RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422
440-182804-1	ICB/CCB	Lead	0.00460 mg/L	RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422
440-182804-3	ICB/CCB	Antimony	1.29 ug/L	RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422
440-182829-1	PB (prep blank)	Copper Lead	1.32 mg/Kg 1.45 mg/Kg	RI-8-5.0-20170422 RI-8-10.0-20170422 RI-8-10.0-20170422-FD RI-8-20.0-20170422 RI-8-30.0-20170422
440-182829-1	ICB/CCB	Copper Lead	0.00649 mg/L 0.00712 mg/L	RI-8-5.0-20170422 RI-8-10.0-20170422 RI-8-10.0-20170422-FD RI-8-20.0-20170422 RI-8-30.0-20170422
440-182829-1	ICB/CCB	Magnesium	0.0203 mg/L	RI-8-30.0-20170422
440-182943-1	PB (prep blank)	Molybdenum	1.26 mg/Kg	RI-2-5.0-20170425 RI-2-10.0-20170425 RI-2-20.0-20170425 RI-2-30.0-20170425
440-182943-1	ICB/CCB	Lead	0.00351 mg/L	RI-2-5.0-20170425 RI-2-10.0-20170425 RI-2-20.0-20170425 RI-2-30.0-20170425
440-183424-1	ICB/CCB	Silver	0.00899 mg/L	RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502
440-183424-1	ICB/CCB	Magnesium	0.0117 mg/L	RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502

SDG	Blank ID	Analyte	Maximum Concentration	Associated Samples
440-183426-1	ICB/CCB	Silver	0.00899 mg/L	RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502
440-183426-1	ICB/CCB	Chromium	0.00312 mg/L	RIDB-16-80.0-20170502 RIDB-16-90.0-20170502
440-183574-1	ICB/CCB	Magnesium	0.0311 mg/L	RI-12-30.0-20170503-FD
440-185476-1	ICB/CCB	Magnesium	0.0237 mg/L	RI-23-20.0-20170530 RI-23-30.0-20170530 RI-23-40.0-20170530
440-186351-1	ICB/CCB	Magnesium	0.0152 mg/L	RI-17-5.0-20170612 RI-17-10.0-20170612 RI-17-20.0-20170612 RI-17-30.0-20170612
440-186351-1	ICB/CCB	Lead	0.00358 mg/L	RI-17-5.0-20170612 RI-17-10.0-20170612 RI-17-20.0-20170612
440-186351-1	ICB/CCB	Lead Molybdenum	0.00421 mg/L 0.0116 mg/L	RI-17-30.0-20170612
440-186517-1	PB (prep blank)	Iron	7.21 mg/Kg	RI-28-1.0-20170614 RI-28-5.0-20170614 RI-28-10.0-20170614 RI-28-20.0-20170614 RI-28-30.0-20170614 RI-28-40.0-20170614
440-186634-1	PB (prep blank)	Boron Magnesium	3.45 mg/Kg 6.41 mg/Kg	RI-11-5.0-20170615** RI-11-10.0-20170615** RI-11-20.0-20170615** RI-11-30.0-20170615**

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater than the concentrations found in the associated laboratory blanks with the following exceptions:

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
440-178172-1	RIDB-13-20.0-20170224	Lead	6.9 mg/Kg	6.9J+ mg/Kg
440-178172-1	RIDB-13-30.0-20170224-FD	Lead	9.0 mg/Kg	9.0J+ mg/Kg

**Indicates samples underwent Stage 4 validation

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
440-178172-1	RIDB-10-10.0-20170224	Lead	8.2 mg/Kg	8.2J+ mg/Kg
440-178172-1	RIDB-10-20.0-20170224	Lead	7.3 mg/Kg	7.3J+ mg/Kg
440-178172-1	RIDB-14-30.0-20170223	Lead	4.2 mg/Kg	4.2J mg/Kg
440-178302-1	RIDB-6-0.5-20170225**	Tungsten	0.27 mg/Kg	0.27J+ mg/Kg
440-178302-1	RIDB-6-5.0-20170225**	Tungsten	0.035 mg/Kg	0.035J+ mg/Kg
440-178302-1	RIDB-6-5.0-20170225-FD**	Tungsten	0.37 mg/Kg	0.37J+ mg/Kg
440-182943-1	RI-2-10.0-20170425	Molybdenum	1.2 mg/Kg	1.2J mg/Kg

VII. Field Blanks

Samples RIDB-10-10.0-20170224-EB* (from SDGs 160-21233-1 and 440-178097-1), RIDB-1-30.0-20170308-EB* (from SDG 440-179153-1), RIDB-1-30.0-20170308-EB* (from SDG 440-179153-3), RIDB-17-60.0-20170309-EB* (from SDG 440-179280-1), RIDB-3-70.0-20170310-EB* (from SDG 440-179419-1), RIDB-18-10.0-20170314-EB* (from SDGs 440-179637-1 and 440-179637-3), RIDB-12-60.0-20170322-EB*, RIDB-27-60.0-20170322-EB* (both from SDG 440-180331-1), RIDB-28-70.0-20170323-EB* (from SDG 440-180439-1), RIDB-22-40.0-20170327-EB* (from SDG 440-180696-1), samples RIDB-23-70.0-20170404-EB* (from SDG 440-181297-1), RI-5-60.0-20170405-EB* (from SDG 440-181420-1), RI-5-80.0-20170406-EB* (from SDG 440-181565-1), RI-20-100.0-20170410-EB* (from SDG 440-181745-1), RI-10-100.0-20170410-EB* (from SDG 440-181749-1), RI-24-120.0-20170419-EB* (from SDG 440-182602-1), RI-2-80.0-20170425-EB* (from SDG 440-182943-1), samples RI-13-50.0-20170502-EB* (from SDG 440-183424-1), M-222-20170503-EB* (from SDG 440-183553-1), M-222-20170503-EB* (from SDG 440-183553-2), RI-22-50.0-20170504-EB* (from SDG 440-183702-1), RIDB-29-40.0-20170522-EB* (from SDG 440-184950-1), RI-23-60.0-20170531-EB* (from SDG 440-185476-1), PCDB-2-50.0-20170606-EB* (from SDG 440-185877-1), RI-17-30.0-20170612-EB* (from SDG 440-186351-1), RI-17-70.0-20170613-EB* (from SDG 440-186395-1), PCDB-3-90.0-20170613-EB* (from SDG 440-186397-1), RI-28-40.0-20170614-EB* (from SDG 440-186517-1), RI-17-120.0-20170614-EB* (from SDG 440-186518-1), RI-11-30.0-20170615-EB* (from SDG 440-186634-1), RI-28-100.0-20170615-EB*, and RI-28-120.0-20170615-EB* (both from SDG 440-186637-1) were identified as equipment blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Analyte	Concentration	Associated Samples
440-178097-1	RIDB-10-10.0-20170224-EB*	02/24/17	Barium Magnesium	11 ug/L 12 ug/L	RIDB-10-10.0-20170224

**Indicates samples underwent Stage 4 validation

SDG	Blank ID	Collection Date	Analyte	Concentration	Associated Samples
440-179153-1	RIDB-1-30.0-20170308-EB*	03/08/17	Chromium Iron Magnesium	14 ug/L 250 ug/L 45 ug/L	RIDB-1-30.0-20170308
440-179637-1	RIDB-18-10.0-20170314-EB*	03/14/17	Magnesium	17 ug/L	RIDB-18-10.0-20170314
440-183553-1	M-222-20170503-EB*	05/03/17	Calcium Sodium	0.080 mg/L 0.60 mg/L	M-222-20170503*

Samples M-36D-20170504-FB* (from SDG 440-183683-1) and M-36D-20170504-FB* (from SDG 440-183683-2) were identified as field blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Analyte	Concentration	Associated Samples
440-183683-1	M-36D-20170504-FB*	05/04/17	Aluminum Calcium Magnesium Sodium	0.0175 mg/L 0.77 mg/L 0.084 mg/L 1.7 mg/L	M-36D-20170504*

Sample concentrations were compared to concentrations detected in the field blanks. The sample concentrations were either not detected or were significantly greater than the concentrations found in the associated field blanks.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
160-21233-1	M-5D-52.0-20170222MS/MSD (M-5D-52.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222 RIDB-8-30.0-20170222-FD RIDB-8-30.0-20170222-FD RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-9-10.0-20170223 RIDB-9-20.0-20170223)	Antimony	58 (75-125)	59 (75-125)	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
160-21233-1 (Cont'd)	M-5D-52.0-20170222MS/MSD (RIDB-9-30.0-20170223 RIDB-14-1.0-20170223 RIDB-14-5.0-20170223 RIDB-14-10.0-20170223 RIDB-14-10.0-20170223-FD RIDB-14-20.0-20170223 RIDB-14-30.0-20170223 RIDB-10-1.0-20170223)	Antimony	58 (75-125)	59 (75-125)	UJ (all non-detects)	A
160-21233-1	M-5D-52.0-20170222MS/MSD (M-5D-52.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222 RIDB-8-30.0-20170222-FD RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-9-10.0-20170223 RIDB-9-20.0-20170223 RIDB-9-30.0-20170223 RIDB-14-1.0-20170223 RIDB-14-5.0-20170223 RIDB-14-10.0-20170223 RIDB-14-10.0-20170223-FD RIDB-14-20.0-20170223 RIDB-14-30.0-20170223 RIDB-10-1.0-20170223)	Niobium	0 (75-125)	0 (75-125)	NA	-
160-21233-1	RIDB-10-5.0-20170223MS/MSD (RIDB-10-5.0-20170223 RIDB-13-1.0-20170224 RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-10-30.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD)	Antimony	52 (75-125)	62 (75-125)	UJ (all non-detects)	A
160-21233-1	RIDB-10-5.0-20170223MS/MSD (RIDB-10-5.0-20170223 RIDB-13-1.0-20170224 RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-10-30.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD)	Niobium	0 (75-125)	69 (75-125)	NA	-
160-21254-1	RIDB-6-20.0-20170226MS/MSD (All samples in SDG 160-21254-1)	Antimony	60 (75-125)	63 (75-125)	UJ (all non-detects)	A
160-21254-1	RIDB-6-20.0-20170226MS/MSD (All samples in SDG 160-21254-1)	Niobium	0 (75-125)	61 (75-125)	NA	-

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-177826-1	RIDB-9-1.0-20170222MS/MSD (RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222)	Barium Strontium	72 (75-125) 57 (75-125)	- -	J- (all detects) J- (all detects)	A
440-177826-1	RIDB-9-1.0-20170222MS/MSD (RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222)	Tungsten	57 (75-125)	53 (75-125)	J- (all detects) UJ (all non-detects)	A
440-177826-1	RIDB-8-30.0-20170222-FDMS/MSD (RIDB-8-30.0-20170222-FD M-5D-52.0-20170222)	Tungsten	49 (75-125)	52 (75-125)	J- (all detects) UJ (all non-detects)	A
440-178027-1	RIDB-14-10.0-20170223MS/MSD (RIDB-14-1.0-20170223** RIDB-14-5.0-20170223** RIDB-14-10.0-20170223** RIDB-14-20.0-20170223** RIDB-9-10.0-20170223** RIDB-9-20.0-20170223** RIDB-9-30.0-20170223**)	Barium Vanadium	33 (75-125) 59 (75-125)	- -	J- (all detects) J- (all detects)	A
440-178027-1	RIDB-14-10.0-20170223MS/MSD (RIDB-14-1.0-20170223** RIDB-14-5.0-20170223** RIDB-14-10.0-20170223** RIDB-14-20.0-20170223** RIDB-9-10.0-20170223** RIDB-9-20.0-20170223** RIDB-9-30.0-20170223**)	Tungsten	30 (75-125)	35 (75-125)	UJ (all non-detects)	A
440-178172-1	RIDB-14-10.0-20170223MS/MSD (RIDB-10-1.0-20170223 RIDB-10-30.0-20170224)	Barium Vanadium	33 (75-125) 59 (75-125)	- -	J- (all detects) J- (all detects)	A
440-178172-1	RIDB-14-10.0-20170223MS/MSD (RIDB-10-1.0-20170223 RIDB-10-30.0-20170224)	Tungsten	30 (75-125)	35 (75-125)	UJ (all non-detects)	A
440-178302-1	RIDB-6-20.0-20170226MS/MSD (RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226**)	Strontium Barium	53 (75-125) -	48 (75-125) 70 (75-125)	J- (all detects) J- (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-178302-1	RIDB-6-20.0-20170226MS/MSD (RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226**)	Tungsten	45 (75-125)	46 (75-125)	J- (all detects) UJ (all non-detects)	A
440-179022-1	RIDB-4-40.0-20170307MS/MSD (RIDB-4-0.5-20170306 RIDB-4-5.0-20170307 RIDB-4-10.0-20170307 RIDB-4-10.0-20170307-FD RIDB-4-20.0-20170307 RIDB-4-30.0-20170307 RIDB-20-1.0-20170307)	Strontium	70 (75-125)	-	J- (all detects)	A
440-179022-1	RIDB-4-40.0-20170307MS/MSD (RIDB-4-0.5-20170306 RIDB-4-5.0-20170307 RIDB-4-10.0-20170307 RIDB-4-10.0-20170307-FD RIDB-4-20.0-20170307 RIDB-4-30.0-20170307 RIDB-20-1.0-20170307)	Tungsten	42 (75-125)	47 (75-125)	UJ (all non-detects)	A
440-179022-3	RIDB-17-30.0-20170304MS/MSD (All samples in SDG 440-179022-3)	Antimony	46 (75-125)	53 (75-125)	UJ (all non-detects)	A
440-179022-3	RIDB-17-30.0-20170304MS/MSD (All samples in SDG 440-179022-3)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-179153-1	RIDB-1-0.5-20170308MS/MSD (RIDB-1-5.0-20170308 RIDB-1-10.0-20170308 RIDB-1-20.0-20170308 RIDB-1-30.0-20170308 RIDB-20-5.0-20170308 RIDB-20-10.0-20170308 RIDB-20-20.0-20170308 RIDB-20-30.0-20170308 RIDB-20-30.0-20170308-FD)	Boron	-	170 (75-125)	J+ (all detects)	A
440-179153-1	RIDB-1-0.5-20170308MS/MSD (RIDB-1-0.5-20170308)	Boron	-	170 (75-125)	NA	-
440-179280-1	RIDB-2-0.5-20170309MS/MSD (RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD)	Strontium	151 (75-125)	205 (75-125)	J+ (all detects)	A

**Indicates samples underwent Stage 4 validation

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-179280-1	RIDB-2-0.5-20170309MS/MSD (RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD)	Tungsten	52 (75-125)	49 (75-125)	UJ (all non-detects)	A
440-179280-1	RIDB-17-30.0-20170309MS/MSD (RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD)	Barium Strontium	-130 (75-125) -25 (75-125)	-140 (75-125) -45 (75-125)	J- (all detects) J- (all detects)	A
440-179280-1	RIDB-17-30.0-20170309MS/MSD (RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD)	Chromium Zirconium Vanadium	73 (75-125) 76 (75-125) 73 (75-125)	69 (75-125) 74 (75-125) 71 (75-125)	J- (all detects) J- (all detects) J- (all detects)	A
440-179280-1	RIDB-17-30.0-20170309MS/MSD (RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD)	Tungsten	48 (75-125)	45 (75-125)	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-179280-3	RIDB-2-0.5-20170309MS/MSD (RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309)	Antimony	44 (75-125)	43 (75-125)	UJ (all non-detects)	A
440-179280-3	RIDB-2-0.5-20170309MS/MSD (RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-179280-3	RIDB-17-30.0-20170309MS/MSD (RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD)	Antimony	46 (75-125)	53 (75-125)	UJ (all non-detects)	A
440-179280-3	RIDB-17-30.0-20170309MS/MSD (RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-179419-1	RI-16-90.0-20170313MS/MSD (RIDB-3-0.5-20170310 RIDB-3-5.0-20170310 RIDB-3-10.0-20170310 RIDB-3-20.0-20170310 RIDB-3-30.0-20170310)	Tungsten	46 (75-125)	46 (75-125)	J- (all detects) UJ (all non-detects)	A
440-179419-1	RIDB-3-60.0-20170310MS/MSD (RIDB-15-1.0-20170310 RIDB-15-5.0-20170310 RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310)	Barium Strontium	132 (75-125) 132 (75-125)	- 174 (75-125)	J+ (all detects) J+ (all detects)	A
440-179419-1	RIDB-3-60.0-20170310MS/MSD (RIDB-15-1.0-20170310 RIDB-15-5.0-20170310 RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310)	Tungsten	45 (75-125)	48 (75-125)	UJ (all non-detects)	A
440-179419-3	RIDB-3-0.5-20170310MS/MSD (All samples in SDG 440-179419-3)	Antimony	72 (75-125)	-	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-179456-1	RIDB-7-50.0-20170312MS/MSD (RI-16-70.0-20170312 RIDB-7-50.0-20170312 RIDB-7-80.0-20170312 RIDB-7-90.0-20170312)	Chromium	54 (75-125)	43 (75-125)	J- (all detects)	A
440-179456-1	RIDB-5-5.0-20170311-FDMS/MSD (RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312)	Barium Strontium	-34 (75-125) -220 (75-125)	-35 (75-125) -222 (75-125)	J- (all detects) J- (all detects)	A
440-179456-1	RIDB-5-5.0-20170311-FDMS/MSD (RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312)	Tungsten	45 (75-125)	42 (75-125)	UJ (all non-detects)	A
440-179456-1	RIDB-5-5.0-20170311-FDMS/MSD (RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312)	Zirconium Vanadium Boron	51 (75-125) 56 (75-125) -	49 (75-125) 54 (75-125) 74 (75-125)	J- (all detects) J- (all detects) J- (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-179456-3	RIDB-3-0.5-20170310MS/MSD (RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312)	Antimony	72 (75-125)	-	UJ (all non-detects)	A
440-179456-3	RIDB-7-0.5-20170312MS/MSD (RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312)	Antimony	52 (75-125)	51 (75-125)	UJ (all non-detects)	A
440-179456-3	RIDB-7-0.5-20170312MS/MSD (RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-179637-1	RIDB-18-1.0-20170314MS/MSD (RIDB-18-1.0-20170314 RIDB-18-5.0-20170314 RIDB-18-10.0-20170314 RIDB-18-20.0-20170314 RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD)	Barium	140 (75-125)	46 (75-125)	J (all detects)	A
440-179637-1	RIDB-18-1.0-20170314MS/MSD (RIDB-18-1.0-20170314 RIDB-18-5.0-20170314 RIDB-18-10.0-20170314 RIDB-18-20.0-20170314 RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD)	Strontium	149 (75-125)	-	J+ (all detects)	A
440-179637-1	RIDB-18-1.0-20170314MS/MSD (RIDB-18-1.0-20170314 RIDB-18-5.0-20170314 RIDB-18-10.0-20170314 RIDB-18-20.0-20170314 RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD)	Tungsten	63 (75-125)	64 (75-125)	UJ (all non-detects)	A
440-179637-3	RIDB-7-0.5-20170312MS/MSD (All soil samples in SDG 440-179637-3)	Antimony	52 (75-125)	51 (75-125)	UJ (all non-detects)	A
440-179637-3	RIDB-7-0.5-20170312MS/MSD (All soil samples in SDG 440-179637-3)	Niobium	0 (75-125)	0 (75-125)	NA	-

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-180101-3	RIDB-27-30.0-20170321MS/MSD (All samples in SDG 440-180101-3)	Antimony	65 (75-125)	65 (75-125)	UJ (all non-detects)	A
440-180101-3	RIDB-27-30.0-20170321MS/MSD (All samples in SDG 440-180101-3)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-180193-1	RIDB-11-60.0-20170321MS/MSD (RIDB-11-20.0-20170320 RIDB-11-30.0-20170321 RIDB-27-1.0-20170321)	Barium Strontium	126 (75-125) 133 (75-125)	- -	J+ (all detects) J+ (all detects)	A
440-180193-1	RIDB-11-60.0-20170321MS/MSD (RIDB-11-20.0-20170320 RIDB-11-30.0-20170321 RIDB-27-1.0-20170321)	Tungsten	50 (75-125)	49 (75-125)	UJ (all non-detects)	A
440-180193-3	RIDB-27-30.0-20170321MS/MSD (All samples in SDG 440-180193-3)	Antimony	65 (75-125)	65 (75-125)	UJ (all non-detects)	A
440-180193-3	RIDB-27-30.0-20170321MS/MSD (All samples in SDG 440-180193-3)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-180331-1	RIDB-27-30.0-20170321MS/MSD (RIDB-27-30.0-20170321)	Strontium	161 (75-125)	138 (75-125)	J+ (all detects)	A
440-180331-1	RIDB-27-30.0-20170321MS/MSD (RIDB-27-30.0-20170321)	Tungsten	60 (75-125)	65 (75-125)	UJ (all non-detects)	A
440-180331-1	RIDB-27-30.0-20170321MS/MSD (RIDB-12-10.0-20170322 RIDB-12-20.0-20170322)	Mercury	68 (70-130)	60 (70-130)	J- (all detects)	A
440-180331-3	RIDB-27-30.0-20170321MS/MSD (All samples in SDG 440-180331-3)	Antimony	65 (75-125)	65 (75-125)	UJ (all non-detects)	A
440-180331-3	RIDB-27-30.0-20170321MS/MSD (All samples in SDG 440-180331-3)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-180439-1	RIDB-27-30.0-20170321MS/MSD (RIDB-28-1.0-20170322 RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-25-1.0-20170323 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-20.0-20170323 RIDB-25-30.0-20170323)	Strontium	161 (75-125)	138 (75-125)	J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-180439-1	RIDB-27-30.0-20170321MS/MSD (RIDB-28-1.0-20170322 RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-25-1.0-20170323 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-20.0-20170323 RIDB-25-30.0-20170323)	Tungsten	60 (75-125)	65 (75-125)	UJ (all non-detects)	A
440-180439-1	RIDB-12-20.0-20170322MS/MSD (RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-30.0-20170323 RIDB-25-30.0-20170323)	Mercury	68 (70-130)	60 (70-130)	J- (all detects) UJ (all non-detects)	A
440-180439-3	RIDB-28-1.0-20170322MS/MSD (All samples in SDG 440-180439-3)	Antimony Niobium	66 (75-125) 72 (75-125)	69 (75-125) 73 (75-125)	UJ (all non-detects) NA	A -
440-180593-1	RIDB-24-1.0-20170323MS/MSD (RIDB-24-1.0-20170323 RIDB-24-5.0-20170323 RIDB-24-10.0-20170324 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-26-1.0-20170323 RIDB-26-5.0-20170323 RIDB-26-10.0-20170324 RIDB-26-20.0-20170324 RIDB-26-30.0-20170324)	Phosphorus	52 (75-125)	-	J- (all detects)	A
440-180593-1	RIDB-12-20.0-20170322MS/MSD (RIDB-24-1.0-20170323 RIDB-24-5.0-20170323 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-26-1.0-20170323 RIDB-26-5.0-20170323 RIDB-26-20.0-20170324 RIDB-26-30.0-20170324)	Mercury	68 (70-130)	60 (70-130)	UJ (all non-detects)	A
440-180593-3	RIDB-28-1.0-20170322MS/MSD (RIDB-24-1.0-20170323 RIDB-24-5.0-20170323 RIDB-24-10.0-20170324 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-26-1.0-20170323 RIDB-26-5.0-20170323 RIDB-26-10.0-20170324 RIDB-26-20.0-20170324)	Antimony Niobium	66 (75-125) 72 (75-125)	69 (75-125) 73 (75-125)	UJ (all non-detects) NA	A -
440-180593-3	RIDB-26-30.0-20170324MS/MSD (RIDB-26-30.0-20170324)	Antimony	58 (75-125)	57 (75-125)	UJ (all non-detects)	A
440-180593-3	RIDB-26-30.0-20170324MS/MSD (RIDB-26-30.0-20170324)	Niobium	0 (75-125)	0 (75-125)	NA	-

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-180696-3	RIDB-26-30.0-20170324MS/MSD (All soil samples in SDG 440-180696-3)	Antimony	58 (75-125)	57 (75-125)	UJ (all non-detects)	A
440-180696-3	RIDB-26-30.0-20170324MS/MSD (All soil samples in SDG 440-180696-3)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-180819-1	RIDB-21-1.0-20170328MS/MSD (RIDB-21-1.0-20170328 RIDB-21-5.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328)	Barium Manganese	128 (75-125) -	135 (75-125) 140 (75-125)	J+ (all detects) J+ (all detects)	A
440-180819-3	RIDB-26-30.0-20170324MS/MSD (All samples in SDG 440-180819-3)	Antimony	58 (75-125)	57 (75-125)	UJ (all non-detects)	A
440-181200-1	RIDB-23-1.0-20170403MS/MSD (RIDB-23-1.0-20170403 RIDB-23-5.0-20170403 RIDB-23-10.0-20170403 RIDB-23-20.0-20170403)	Barium	-	128 (75-125)	J+ (all detects)	A
440-181200-3	RIDB-26-30.0-20170324MS/MSD (RIDB-23-1.0-20170403 RIDB-23-5.0-20170403 RIDB-23-10.0-20170403 RIDB-23-20.0-20170403)	Antimony	58 (75-125)	57 (75-125)	UJ (all non-detects)	A
440-181200-3	RIDB-26-30.0-20170324MS/MSD (RIDB-23-1.0-20170403 RIDB-23-5.0-20170403 RIDB-23-10.0-20170403 RIDB-23-20.0-20170403)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-181297-1	RIDB-23-1.0-20170403MS/MSD (RIDB-23-30.0-20170404)	Barium	-	128 (75-125)	J+ (all detects)	A
440-181297-3	RIDB-23-30.0-20170404MS/MSD (RIDB-23-30.0-20170404)	Antimony	48 (75-125)	44 (75-125)	J- (all detects)	A
440-181297-3	RIDB-23-30.0-20170404MS/MSD (RIDB-23-30.0-20170404)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-181420-1	RI-5-50.0-20170405MS/MSD** (RI-5-5.0-20170404** RI-5-10.0-20170405** RI-5-20.0-20170405** RI-5-30.0-20170405**)	Tungsten	56 (75-125)	58 (75-125)	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-181420-3	RIDB-23-30.0-20170404MS/MSD (RI-5-5.0-20170404 RI-5-10.0-20170405 RI-5-20.0-20170405 RI-5-30.0-20170405)	Antimony	48 (75-125)	44 (75-125)	UJ (all non-detects)	A
440-181420-3	RIDB-23-30.0-20170404MS/MSD (RI-5-5.0-20170404 RI-5-10.0-20170405 RI-5-20.0-20170405 RI-5-30.0-20170405)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-181661-3	RIDB-23-30.0-20170404MS/MSD (RI-9-5.0-20170407)	Antimony	48 (75-125)	44 (75-125)	UJ (all non-detects)	A
440-181661-3	RIDB-23-30.0-20170404MS/MSD (RI-9-5.0-20170407)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-181716-1	RI-7-100.0-20170409MS/MSD (RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408)	Barium	52 (75-125)	154 (75-125)	J (all detects)	A
440-181716-1	RI-7-100.0-20170409MS/MSD (RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408)	Tungsten Strontium	48 (75-125) -	45 (75-125) 74 (75-125)	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
440-181716-3	RIDB-23-30.0-20170404MS/MSD** (RI-7-5.0-20170408** RI-7-10.0-20170408** RI-7-20.0-20170408** RI-7-20.0-20170408-FD** RI-7-30.0-20170408**)	Antimony	48 (75-125)	44 (75-125)	UJ (all non-detects)	A
440-181716-3	RIDB-23-30.0-20170404MS/MSD** (RI-7-5.0-20170408** RI-7-10.0-20170408** RI-7-20.0-20170408** RI-7-20.0-20170408-FD** RI-7-30.0-20170408**)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-181722-1	RI-9-50.0-20170408MS/MSD (RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409)	Barium	340 (75-125)	418 (75-125)	J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-181722-1	RI-9-50.0-20170408MS/MSD (RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409)	Tungsten	47 (75-125)	45 (75-125)	UJ (all non-detects)	A
440-181722-3	RIDB-23-30.0-20170404MS/MSD (RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409)	Antimony	48 (75-125)	44 (75-125)	UJ (all non-detects)	A
440-181722-3	RIDB-23-30.0-20170404MS/MSD (RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-181745-1	RI-20-5.0-20170410MS/MSD (RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410)	Barium	159 (75-125)	70 (75-125)	J (all detects)	A
440-181745-1	RI-20-5.0-20170410MS/MSD (RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410)	Tungsten	31 (75-125)	53 (75-125)	UJ (all non-detects)	A
440-181745-3	RIDB-23-30.0-20170404MS/MSD (RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410)	Antimony	48 (75-125)	44 (75-125)	UJ (all non-detects)	A
440-181745-3	RIDB-23-30.0-20170404MS/MSD (RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-181749-1	RI-10-20.0-20170410MS/MSD (RI-10-20.0-20170410 RI-10-30.0-20170410)	Barium Strontium	148 (75-125) 141 (75-125)	- 314 (75-125)	J+ (all detects) J+ (all detects)	A
440-181749-1	RI-10-20.0-20170410MS/MSD (RI-10-20.0-20170410 RI-10-30.0-20170410)	Tungsten	48 (75-125)	55 (75-125)	UJ (all non-detects)	A
440-181749-3	RI-10-20.0-20170410MS/MSD (RI-10-20.0-20170410 RI-10-30.0-20170410)	Antimony	60 (75-125)	57 (75-125)	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-181749-3	RI-10-20.0-20170410MS/MSD (RI-10-20.0-20170410 RI-10-30.0-20170410)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-182494-1	RI-24-1.0-20170418MS/MSD (RI-24-1.0-20170418 RI-24-5.0-20170418 RI-24-10.0-20170418 RI-24-20.0-20170418 RI-24-30.0-20170418 RI-24-40.0-20170418)	Barium Tungsten	43 (75-125) 61 (75-125)	67 (75-125) 62 (75-125)	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
440-182498-1	RI-24-1.0-20170418MS/MSD (RI-25-30.0-20170418 RI-25-40.0-20170418)	Barium Tungsten	43 (75-125) 61 (75-125)	67 (75-125) 62 (75-125)	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
440-182498-1	RI-9-50.0-20170408MS/MSD (RI-25-1.0-20170417)	Barium	444 (75-125)	343 (75-125)	J+ (all detects)	A
440-182498-1	RI-9-50.0-20170408MS/MSD (RI-25-1.0-20170417)	Tungsten	51 (75-125)	51 (75-125)	UJ (all non-detects)	A
440-182601-1	RI-24-110.0-20170419MS/MSD (RI-25-100.0-20170418 RI-25-110.0-20170419 RI-25-120.0-20170419 RI-25-130.0-20170419 RI-25-140.0-20170419 RI-25-150.0-20170419)	Chromium	130 (75-125)	-	J+ (all detects)	A
440-182602-1	RI-24-110.0-20170419MS/MSD (RI-24-100.0-20170419 RI-24-110.0-20170419 RI-24-120.0-20170419 RI-24-130.0-20170419 RI-24-140.0-20170419 RI-24-150.0-20170419)	Chromium	130 (75-125)	-	J+ (all detects)	A
440-182804-1	RI-21-5.0-20170422MS/MSD (RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422)	Barium Strontium	161 (75-125) 126 (75-125)	200 (75-125) 221 (75-125)	J+ (all detects) J+ (all detects)	A
440-182804-1	RI-21-5.0-20170422MS/MSD (RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422)	Tungsten	50 (75-125)	48 (75-125)	UJ (all non-detects)	A
440-182804-3	RI-8-20.0-20170422MS/MSD (RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422)	Antimony	61 (75-125)	54 (75-125)	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-182804-3	RI-8-20.0-20170422MS/MSD (RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-182829-1	RI-8-20.0-20170422MS/MSD (RI-8-5.0-20170422 RI-8-10.0-20170422 RI-8-10.0-20170422-FD RI-8-20.0-20170422 RI-8-30.0-20170422)	Barium	131 (75-125)	130 (75-125)	J+ (all detects)	A
440-182829-1	RI-8-20.0-20170422MS/MSD (RI-8-5.0-20170422 RI-8-10.0-20170422 RI-8-10.0-20170422-FD RI-8-20.0-20170422 RI-8-30.0-20170422)	Tungsten	50 (75-125)	49 (75-125)	UJ (all non-detects)	A
440-182829-3	RI-8-20.0-20170422MS/MSD** (RI-8-5.0-20170422** RI-8-10.0-20170422** RI-8-10.0-20170422-FD** RI-8-20.0-20170422** RI-8-30.0-20170422**)	Antimony	61 (75-125)	54 (75-125)	UJ (all non-detects)	A
440-182829-3	RI-8-20.0-20170422MS/MSD** (RI-8-5.0-20170422** RI-8-10.0-20170422** RI-8-10.0-20170422-FD** RI-8-20.0-20170422** RI-8-30.0-20170422**)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-182886-1	RI-1-5.0-20170424MS/MSD (RI-1-5.0-20170424 RI-1-10.0-20170424 RI-1-20.0-20170424 RI-1-30.0-20170424)	Barium Vanadium	192 (75-125) -	228 (75-125) 138 (75-125)	J+ (all detects) J+ (all detects)	A
440-182886-1	RI-1-5.0-20170424MS/MSD (RI-1-5.0-20170424 RI-1-10.0-20170424 RI-1-20.0-20170424 RI-1-30.0-20170424)	Tungsten	64 (75-125)	38 (75-125)	UJ (all non-detects)	A
440-182886-3	RI-1-5.0-20170424MS/MSD (RI-1-5.0-20170424 RI-1-10.0-20170424 RI-1-20.0-20170424 RI-1-30.0-20170424)	Antimony Niobium	63 (75-125) 74 (75-125)	66 (75-125) -	UJ (all non-detects) NA	A -
440-182943-1	RI-2-10.0-20170425MS/MSD (RI-2-5.0-20170425 RI-2-10.0-20170425 RI-2-20.0-20170425 RI-2-30.0-20170425)	Tungsten	49 (75-125)	41 (75-125)	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-182943-1	RI-2-10.0-20170425MS/MSD (RI-2-5.0-20170425 RI-2-10.0-20170425 RI-2-20.0-20170425 RI-2-30.0-20170425)	Barium	212 (75-125)	68 (75-125)	J (all detects)	A
440-182943-3	RI-2-10.0-20170425MS/MSD (RI-2-5.0-20170425 RI-2-10.0-20170425 RI-2-20.0-20170425 RI-2-30.0-20170425)	Antimony	60 (75-125)	58 (75-125)	UJ (all non-detects)	A
440-182943-3	RI-2-10.0-20170425MS/MSD (RI-2-5.0-20170425 RI-2-10.0-20170425 RI-2-20.0-20170425 RI-2-30.0-20170425)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-183293-1	M-5D-20170501MS/MSD* (M-5D-20170501*)	Aluminum	-	138 (70-130)	J+ (all detects)	A
440-183423-1	M-202-20170502FMS/MSD* (M-65D-20170502F* M-65D-20170502-FDF*)	Aluminum	135 (70-130)	148 (70-130)	J+ (all detects)	A
440-183424-1	RI-13-50.0-20170502MS/MSD (RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502)	Barium Tungsten	63 (75-125) 68 (75-125)	- 65 (75-125)	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
440-183424-1	RI-13-50.0-20170502MS/MSD (RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502)	Manganese	46 (75-125)	2 (75-125)	J- (all detects)	A
440-183424-3	RI-12-10.0-20170503MS/MSD (All samples in SDG 440-183424-3)	Antimony	68 (75-125)	69 (75-125)	UJ (all non-detects)	A
440-183426-1	RI-13-50.0-20170502MS/MSD (RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502)	Barium Tungsten	63 (75-125) 68 (75-125)	- 65 (75-125)	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
440-183426-1	RI-13-50.0-20170502MS/MSD (RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502)	Manganese	46 (75-125)	2 (75-125)	J- (all detects)	A
440-183426-3	RI-12-10.0-20170503MS/MSD (All samples in SDG 440-183426-3)	Antimony	68 (75-125)	69 (75-125)	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-183574-1	RI-12-10.0-20170503MS/MSD (RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD)	Barium Mercury	126 (75-125) -	134 (75-125) 140 (70-130)	J+ (all detects) J+ (all detects)	A
440-183574-1	RI-12-10.0-20170503MS/MSD (RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD)	Tungsten	62 (75-125)	63 (75-125)	UJ (all non-detects)	A
440-183574-1	RI-12-10.0-20170503MS/MSD (All samples in SDG 440-183574-1)	Chromium	-	72 (75-125)	J- (all detects)	A
440-183574-3	RI-12-10.0-20170503MS/MSD (All samples in SDG 440-183574-3)	Antimony	68 (75-125)	69 (75-125)	UJ (all non-detects)	A
440-183581-1	RI-12-10.0-20170503MS/MSD (All samples in SDG 440-183581-1)	Chromium	-	72 (75-125)	J- (all detects)	A
440-183702-1	RI-22-1.0-20170504MS/MSD (RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504)	Lead	187 (75-125)	73 (75-125)	J (all detects)	A
440-183702-1	RI-22-1.0-20170504MS/MSD (RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504)	Tungsten	59 (75-125)	57 (75-125)	UJ (all non-detects)	A
440-183702-1	RI-12-10.0-20170503MS/MSD (RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504)	Mercury	-	140 (70-130)	J+ (all detects)	A
440-183702-3	RI-12-10.0-20170503MS/MSD (All samples in SDG 440-183702-3)	Antimony	68 (75-125)	69 (75-125)	UJ (all non-detects)	A
440-183819-1	RI-22-70.0-20170504MS/MSD (All samples in SDG 440-183819-1)	Chromium	131 (75-125)	129 (75-125)	J+ (all detects)	A
440-183819-1	RI-22-110.0-20170505MS/MSD (All samples in SDG 440-183819-1)	Chromium	126 (75-125)	144 (75-125)	J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-184723-1	RI-23-2.0-20170517MS/MSD (All samples in SDG 440-184723-1)	Strontium	141 (75-125)	66 (75-125)	J (all detects)	A
440-184723-1	RI-23-2.0-20170517MS/MSD (All samples in SDG 440-184723-1)	Tungsten	60 (75-125)	62 (75-125)	UJ (all non-detects)	A
440-184858-1	RI-23-2.0-20170517MS/MSD (All samples in SDG 440-184858-1)	Strontium	141 (75-125)	66 (75-125)	J (all detects)	A
440-184858-1	RI-23-2.0-20170517MS/MSD (All samples in SDG 440-184858-1)	Tungsten	60 (75-125)	62 (75-125)	UJ (all non-detects)	A
440-184858-3	RI-6-5.0-20170518MS/MSD (All samples in SDG 440-184858-3)	Antimony Niobium	58 (75-125) 66 (75-125)	62 (75-125) 73 (75-125)	UJ (all non-detects) NA	A -
440-184950-1	RI-23-2.0-20170517MS/MSD (RIDB-29-20.0-20170522 RIDB-29-30.0-20170522)	Strontium	141 (75-125)	66 (75-125)	J (all detects)	A
440-184950-1	RI-23-2.0-20170517MS/MSD (RIDB-29-20.0-20170522 RIDB-29-30.0-20170522)	Tungsten	60 (75-125)	62 (75-125)	UJ (all non-detects)	A
440-184950-3	RI-6-5.0-20170518MS/MSD (All samples in SDG 440-184950-3)	Antimony Niobium	58 (75-125) 66 (75-125)	62 (75-125) 73 (75-125)	UJ (all non-detects) NA	A -
440-185056-1	RIDB-29-80.0-20170523MS/MSD** (All samples in SDG 440-185056-1)	Chromium	-	74 (75-125)	J- (all detects)	A
440-185476-1	RI-23-70.0-20170531MS/MSD (RI-23-20.0-20170530 RI-23-30.0-20170530 RI-23-40.0-20170530)	Tungsten	55 (75-125)	55 (75-125)	UJ (all non-detects)	A
440-185476-3	RI-23-20.0-20170530MS/MSD (All samples in SDG 440-185476-3)	Antimony	44 (75-125)	44 (75-125)	J- (all detects)	A
440-185476-3	RI-23-20.0-20170530MS/MSD (All samples in SDG 440-185476-3)	Niobium	0 (75-125)	0 (75-125)	NA	-
440-186351-1	RI-17-5.0-20170612MS/MSD (All soil samples in SDG 440-186351-1)	Barium Strontium	169 (75-125) 221 (75-125)	142 (75-125) 182 (75-125)	J+ (all detects) J+ (all detects)	A
440-186351-1	RI-17-5.0-20170612MS/MSD (All soil samples in SDG 440-186351-1)	Tungsten	52 (75-125)	49 (75-125)	UJ (all non-detects)	A
440-186351-3	RI-17-5.0-20170612MS/MSD (All samples in SDG 440-186351-3)	Antimony	52 (75-125)	51 (75-125)	UJ (all non-detects)	A

**Indicates samples underwent Stage 4 validation

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-186351-3	RI-17-5.0-20170612MS/MSD (All samples in SDG 440-186351-3)	Niobium	0 (75-125)	60 (75-125)	NA	-
440-186517-3	RI-17-5.0-20170612MS/MSD (All samples in SDG 440-186517-3)	Antimony	52 (75-125)	51 (75-125)	J- (all detects) UJ (all non-detects)	A
440-186517-3	RI-17-5.0-20170612MS/MSD (All samples in SDG 440-186517-3)	Niobium	0 (75-125)	60 (75-125)	NA	-
440-186634-1	RI-11-5.0-20170615MS/MSD** (RI-11-5.0-20170615** RI-11-10.0-20170615** RI-11-20.0-20170615** RI-11-30.0-20170615**)	Barium Tungsten Vanadium	54 (75-125) 50 (75-125) 71 (75-125)	- 60 (75-125) -	J- (all detects) UJ (all non-detects)	A
440-186634-3	RI-17-5.0-20170612MS/MSD (All samples in SDG 440-186634-3)	Antimony	52 (75-125)	51 (75-125)	UJ (all non-detects)	A
440-186634-3	RI-17-5.0-20170612MS/MSD (All samples in SDG 440-186634-3)	Niobium	0 (75-125)	60 (75-125)	NA	-
440-186720-1	RI-26-1.0-20170616MS/MSD (All samples in SDG 440-186720-1)	Lead Tungsten Copper	46 (75-125) 73 (75-125) -	41 (75-125) 69 (75-125) 71 (75-125)	J- (all detects) UJ (all non-detects)	A
440-186720-3	RI-17-5.0-20170612MS/MSD (All samples in SDG 440-186720-3)	Antimony	52 (75-125)	51 (75-125)	UJ (all non-detects)	A
440-186720-3	RI-17-5.0-20170612MS/MSD (All samples in SDG 440-186720-3)	Niobium	0 (75-125)	60 (75-125)	NA	-
440-186786-1	RI-26-1.0-20170616MS/MSD (RI-26-30.0-20170616 RI-26-40.0-20170616)	Lead Tungsten Copper	46 (75-125) 73 (75-125) -	41 (75-125) 69 (75-125) 71 (75-125)	J- (all detects) UJ (all non-detects)	A
440-186786-3	RI-26-30.0-20170616MS/MSD (All samples in SDG 440-186786-3)	Antimony	74 (75-125)	-	UJ (all non-detects)	A
440-187533-1	RI-3-5.0-20170629MS/MSD (RI-3-5.0-20170629 RI-3-10.0-20170629 RI-3-20.0-20170629)	Barium	-	129 (75-125)	J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-187533-1	RI-3-5.0-20170629MS/MSD (RI-3-5.0-20170629 RI-3-10.0-20170629 RI-3-20.0-20170629)	Tungsten	55 (75-125)	55 (75-125)	UJ (all non-detects)	A
440-187533-3	RI-3-5.0-20170629MS/MSD** (All samples in SDG 440-187533-3)	Antimony Niobium	64 (75-125) 71 (75-125)	62 (75-125) 69 (75-125)	UJ (all non-detects) NA	A -
440-187553-1	RI-3-80.0-20170629MS/MSD (RI-3-80.0-20170629 RI-3-90.0-20170629 RI-3-100.0-20170629 RI-3-110.0-20170629 RI-3-120.0-20170630-FD RI-3-130.0-20170630)	Chromium	-	126 (75-125)	J+ (all detects)	A
440-187589-1	RI-3-5.0-20170629MS/MSD** (All samples in SDG 440-187589-1)	Barium	-	129 (75-125)	J+ (all detects)	A
440-187589-1	RI-3-5.0-20170629MS/MSD** (All samples in SDG 440-187589-1)	Tungsten	55 (75-125)	55 (75-125)	UJ (all non-detects)	A
440-187589-3	RI-3-5.0-20170629MS/MSD** (All samples in SDG 440-187589-3)	Antimony Niobium	64 (75-125) 71 (75-125)	62 (75-125) 69 (75-125)	UJ (all non-detects) NA	A -
440-187594-1	RI-4-10.0-20170630MS/MSD (RI-4-10.0-20170630 RI-4-20.0-20170630 RI-4-30.0-20170630 RI-4-30.0-20170630-FD RI-4-40.0-20170630)	Barium	194 (75-125)	215 (75-125)	J+ (all detects)	A
440-187594-1	RI-4-10.0-20170630MS/MSD (RI-4-10.0-20170630 RI-4-20.0-20170630 RI-4-30.0-20170630 RI-4-30.0-20170630-FD RI-4-40.0-20170630)	Tungsten	64 (75-125)	60 (75-125)	UJ (all non-detects)	A
440-187594-3	RI-3-5.0-20170629MS/MSD** (All samples in SDG 440-187594-3)	Antimony Niobium	64 (75-125) 71 (75-125)	62 (75-125) 69 (75-125)	UJ (all non-detects) NA	A -

Using professional judgment, no Niobium data were qualified for severely low MS/MSD %Rs (0%), and MS/MSD %Rs and RPDs outside the QC limits since the MS/MSD was analyzed at greater than or equal to a 5X dilution. The laboratory indicated that dilution was performed due to the nature of the sample matrix. Consequently, the dilution put the spike level of Niobium at below the reporting limit, which then made the %R unreliable.

Relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Analyte	RPD (Limits)	Flag	A or P
440-178027-1	RIDB-14-10.0-20170223MS/MSD (RIDB-14-1.0-20170223** RIDB-14-5.0-20170223** RIDB-14-10.0-20170223** RIDB-14-20.0-20170223** RIDB-9-10.0-20170223** RIDB-9-20.0-20170223** RIDB-9-30.0-20170223**)	Manganese	88 (≤20)	J (all detects)	A
440-178172-1	RIDB-14-10.0-20170223MS/MSD (RIDB-10-1.0-20170223 RIDB-10-30.0-20170224)	Manganese	88 (≤20)	J (all detects)	A
440-179637-1	RIDB-18-1.0-20170314MS/MSD (RIDB-18-1.0-20170314 RIDB-18-5.0-20170314 RIDB-18-10.0-20170314 RIDB-18-20.0-20170314 RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD)	Manganese	29 (≤20)	J (all detects)	A
440-181420-1	RI-5-50.0-20170405MS/MSD** (RI-5-5.0-20170404** RI-5-10.0-20170405** RI-5-20.0-20170405** RI-5-30.0-20170405**)	Barium	25 (≤20)	J (all detects)	A
440-181716-1	RI-7-100.0-20170409MS/MSD (RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408)	Barium	21 (≤20)	J (all detects)	A
440-181745-1	RI-20-5.0-20170410MS/MSD (RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410)	Tungsten	52 (≤20)	UJ (all non-detects)	A
440-181749-1	RI-10-20.0-20170410MS/MSD (RI-10-20.0-20170410 RI-10-30.0-20170410)	Strontium	44 (≤20)	J (all detects)	A
440-182804-1	RI-21-5.0-20170422MS/MSD (RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422)	Strontium	21 (≤20)	J (all detects)	A
440-182886-1	RI-1-5.0-20170424MS/MSD (RI-1-5.0-20170424 RI-1-10.0-20170424 RI-1-20.0-20170424 RI-1-30.0-20170424)	Tungsten	51 (≤20)	UJ (all non-detects)	A

**Indicates samples underwent Stage 4 validation

SDG	Spike ID (Associated Samples)	Analyte	RPD (Limits)	Flag	A or P
440-182943-1	RI-2-10.0-20170425MS/MSD (RI-2-5.0-20170425 RI-2-10.0-20170425 RI-2-20.0-20170425 RI-2-30.0-20170425)	Tungsten Barium	52 (≤20) 34 (≤20)	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A
440-183293-1	M-5D-20170501MS/MSD* (M-5D-20170501*)	Aluminum	22 (≤20)	J (all detects)	A
440-183574-1	RI-12-10.0-20170503MS/MSD (RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD)	Mercury	39 (≤20)	J (all detects)	A
440-183702-1	RI-22-1.0-20170504MS/MSD (RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504)	Lead	58 (≤20)	J (all detects)	A
440-183702-1	RI-12-10.0-20170503MS/MSD (RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504)	Mercury	39 (≤20)	J (all detects)	A
440-186351-3	RI-17-5.0-20170612MS/MSD (All samples in SDG 440-186351-3)	Niobium	200 (≤30)	NA	-
440-186517-3	RI-17-5.0-20170612MS/MSD (All samples in SDG 440-186517-3)	Niobium	200 (≤30)	NA	-
440-186634-1	RI-11-5.0-20170615MS/MSD** (RI-11-5.0-20170615** RI-11-10.0-20170615** RI-11-20.0-20170615** RI-11-30.0-20170615**)	Phosphorus	22 (≤20)	J (all detects)	A
440-186634-3	RI-17-5.0-20170612MS/MSD (All samples in SDG 440-186634-3)	Niobium	200 (≤30)	NA	-
440-186720-3	RI-17-5.0-20170612MS/MSD (All samples in SDG 440-186720-3)	Niobium	200 (≤30)	NA	-

VIII. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

IX. Serial Dilution

Serial dilution analysis was performed on an associated project sample. Percent differences (%D) were within QC limits with the following exceptions:

SDG	Diluted Sample	Analyte	%D (Limits)	Associated Samples	Flag	A or P
440-178302-1	RIDB-6-20.0-20170226**	Zirconium	14 (≤10)	RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226**	J (all detects)	A
440-180331-1	RIDB-27-30.0-20170321	Phosphorus Strontium Vanadium	11 (≤10) 11 (≤10) 11 (≤10)	RIDB-27-30.0-20170321	J (all detects) J (all detects) J (all detects)	A
440-180439-1	RIDB-27-30.0-20170321	Phosphorus Strontium Vanadium	11 (≤10) 11 (≤10) 11 (≤10)	RIDB-28-1.0-20170322 RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-25-1.0-20170323 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-20.0-20170323 RIDB-25-30.0-20170323	J (all detects) J (all detects) J (all detects)	A
440-181745-1	RI-20-5.0-20170410	Magnesium Manganese	11 (≤10) 16 (≤10)	RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410	J (all detects) J (all detects)	A
440-182829-1	RI-8-20.0-20170422	Barium	13 (≤10)	RI-8-5.0-20170422 RI-8-10.0-20170422 RI-8-10.0-20170422-FD RI-8-20.0-20170422 RI-8-30.0-20170422	J (all detects)	A
440-183424-1	RI-13-50.0-20170502	Barium Iron Magnesium Manganese Phosphorus Vanadium	16 (≤10) 21 (≤10) 21 (≤10) 20 (≤10) 21 (≤10) 18 (≤10)	RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A

**Indicates samples underwent Stage 4 validation

SDG	Diluted Sample	Analyte	%D (Limits)	Associated Samples	Flag	A or P
440-183426-1	RI-13-50.0-20170502	Barium Iron Magnesium Manganese Phosphorus Vanadium	16 (≤10) 21 (≤10) 21 (≤10) 20 (≤10) 21 (≤10) 18 (≤10)	RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A
440-183574-1	RI-12-10.0-20170503	Barium Iron Magnesium Manganese Phosphorus Strontium Vanadium	16 (≤10) 17 (≤10) 16 (≤10) 12 (≤10) 17 (≤10) 20 (≤10) 18 (≤10)	RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A
440-183574-1	RI-12-10.0-20170503	Chromium	15 (≤10)	All samples in SDG 440-183574-1	J (all detects)	A
440-183581-1	RI-12-10.0-20170503	Chromium	15 (≤10)	All samples in SDG 440-183581-1	J (all detects)	A
440-183702-1	RI-22-1.0-20170504	Barium Iron Magnesium Manganese Phosphorus Strontium Vanadium	20 (≤10) 19 (≤10) 20 (≤10) 17 (≤10) 23 (≤10) 22 (≤10) 22 (≤10)	RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A

X. Laboratory Control Samples/Certified Reference Material/Standard Reference Material

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

Certified reference material (CRM) and standard reference material (SRM) samples were performed at the required frequency. Percent recoveries (%R) of were within QC limits.

XI. Field Duplicates

Samples RIDB-8-30.0-20170222 and RIDB-8-30.0-20170222-FD (both from SDG 160-21233-1), samples RIDB-14-10.0-20170223 and RIDB-14-10.0-20170223-FD (both from SDG 160-21233-1), samples RIDB-13-30.0-20170224 and RIDB-13-30.0-20170224-FD (both from SDG 160-21233-1), samples RIDB-6-5.0-20170225 and RIDB-6-5.0-20170225-FD (both from SDG 160-21254-1), samples RIDB-8-30.0-20170222 and RIDB-8-30.0-20170222-FD (both from SDG 440-177826-1), samples RIDB-9-50.0-20170223** and RIDB-9-50.0-20170223-FD** (from SDG 440-178027-1), samples RIDB-13-30.0-20170224 and RIDB-13-30.0-20170224-FD (both from SDG 440-178172-1), samples RIDB-14-40.0-20170223 and RIDB-14-40.0-20170223-FD (both from SDG 440-178172-1), samples RIDB-10-80.0-20170225** and RIDB-10-80.0-20170225-FD**

(both from SDG 440-178302-1), samples RIDB-6-5.0-20170225** and RIDB-6-5.0-20170225-FD** (both from SDG 440-178302-1), samples RIDB-4-10.0-20170307 and RIDB-4-10.0-20170307-FD (both from SDG 440-179022-1), samples RIDB-4-10.0-20170307 and RIDB-4-10.0-20170307-FD (both from SGD 440-179022-3), samples RIDB-1-50.0-20170308 and RIDB-1-50.0-20170308-FD (both from SDG 440-179153-1), samples RIDB-20-30.0-20170308 and RIDB-20-30.0-20170308-FD (both from SDG 440-179153-1, samples RIDB-20-30.0-20170308** and RIDB-20-30.0-20170308-FD** (both from SDG 440-179153-3), samples RIDB-2-20.0-20170309 and RIDB-2-20.0-20170309-FD (both from SDG 440-179280-1), samples RIDB-17-30.0-20170309 and RIDB-17-30.0-20170309-FD (both from SDG 440-179280-1), samples RIDB-2-20.0-20170309 and RIDB-2-20.0-20170309-FD (both from SDG 440-179280-3), samples RIDB-17-30.0-20170309 and RIDB-17-30.0-20170309-FD (both from SDG 440-179280-3), samples RIDB-3-60.0-20170310 and RIDB-3-60.0-20170310-FD (both from SDG 440-179419-1), samples RIDB-5-5.0-20170311 and RIDB-5-5.0-20170311-FD (both from SDG 440-179456-1), samples RIDB-15-80.0-20170311 and RIDB-15-80.0-20170311-FD (both from SDG 440-179456-1), samples RI-16-80.0-20170312 and RI-16-80.0-20170312-FD (both from SDG 440-179456-1), samples RIDB-7-0.5-20170312 and RIDB-7-0.5-20170312-FD (both from SDG 440-179456-1), samples RIDB-5-5.0-20170311 and RIDB-5-5.0-20170311-FD (both from SDG 440-179456-3), samples RIDB-7-0.5-20170312 and RIDB-7-0.5-20170312-FD (both from SDG 440-179456-3), samples RIDB-18-30.0-20170314 and RIDB-18-30.0-20170314-FD (both from SDG 440-179637-1), samples RIDB-18-30.0-20170314 and RIDB-18-30.0-20170314-FD (both from SDG 440-179637-3), samples RIDB-11-70.0-20170321 and RIDB-11-70.0-20170321-FD (both from SDG 440-180193-1), samples RIDB-19-60.0-20170321 and RIDB-19-60.0-20170321-FD (both from SDG 440-180193-1), samples RIDB-12-50.0-20170322 and RIDB-12-50.0-20170322-FD (both from SDG 440-180331-1), samples RIDB-27-50.0-20170322 and RIDB-27-50.0-20170322-FD (both from SDG 440-180331-1), samples RIDB-28-10.0-20170323 and RIDB-28-10.0-20170323-FD (both from SDG 440-180439-1), samples RIDB-25-60.0-20170323 and RIDB-25-60.0-20170323-FD (both from SDG 440-180439-1), samples RIDB-28-10.0-20170323** and RIDB-28-10.0-20170323-FD** (both from SDG 440-180439-3), samples RIDB-24-70.0-20170324 and RIDB-24-70.0-20170324-FD (both from 440-180593-1), samples RIDB-26-50.0-20170324 and RIDB-26-50.0-20170324-FD (both from 440-180593-1), samples RIDB-22-1.0-20170327 and RIDB-22-1.0-20170327-FD (from SDG 440-180696-1), samples RIDB-22-1.0-20170327** and RIDB-22-1.0-20170327-FD** (both from SDG 440-180696-3), samples RIDB-21-50.0-20170328 and RIDB-21-50.0-20170328-FD (both from SDG 440-180819-1), samples RIDB-23-60.0-20170404 and RIDB-23-60.0-20170404-FD (both from SDG 440-181297-1), samples RI-5-40.0-20170405** and RI-5-40.0-20170405-FD** (both from SDG 440-181420-1), samples RI-5-120.0-20170407 and RI-5-120.0-20170407-FD (both from SDG 440-181661-1), samples RI-7-20.0-20170408 and RI-7-20.0-20170408-FD (both from SDG 440-181716-1), samples RI-7-20.0-20170408** and RI-7-20.0-20170408-FD** (both from SDG 440-181716-3), samples RI-9-110.0-20170409 and RI-9-110.0-20170409-FD (both from SDG 440-181722-1), samples RI-20-100.0-20170410 and RI-20-100.0-20170410-FD (both from SDG 440-181745-1), samples RI-10-70.0-20170410 and RI-10-70.0-20170410-FD (both from SDG 440-181749-1), samples RI-24-90.0-20170418 and RI-24-90.0-20170418-FD (both from SDG 440-182494-1), samples RI-25-80.0-20170418 and RI-25-80.0-20170418-FD (both from SDG 440-182498-1), samples RI-21-60.0-20170422 and RI-21-60.0-20170422-FD (both from SDG 440-182804-1), samples RI-8-10.0-

20170422 and RI-8-10.0-20170422-FD (both from SDG 440-182829-1), samples RI-8-10.0-20170422** and RI-8-10.0-20170422-FD** (both from SDG 440-182829-3), samples RI-1-50.0-20170424 and RI-1-50.0-20170424-FD (both from SDG 440-182886-1), samples RI-2-90.0-20170425 and RI-2-90.0-20170425-FD (both from SDG 440-182943-1), samples M-65D-20170502F* and M-65D-20170502-FDF* (both from SDG 440-183423-1), samples M-65D-20170502* and M-65D-20170502-FD* (both from SDG 440-183423-3), samples RI-13-40.0-20170502 and RI-13-40.0-20170502-FD (both from SDG 440-183424-1), samples RIDB-16-50.0-20170502 and RIDB-16-50.0-20170502-FD (both from SDG 440-183426-1), samples RI-12-30.0-20170503 and RI-12-30.0-20170503-FD (both from SDG 440-183574-1), samples RI-12-30.0-20170503 and RI-12-30.0-20170503-FD (both from SDG 440-183574-3), samples RI-13-110.0-20170503 and RI-13-110.0-20170503-FD (both from SDG 440-183581-1), samples M-66D-20170504* and M-66D-20170504-FD* (both from SDG 440-183683-1), samples M-66D-20170504* and M-66D-20170504-FD* (both from SDG 440-183683-2), samples RI-22-50.0-20170504 and RI-22-50.0-20170504-FD (both from SDG 440-183702-1), samples RI-12-140.0-20170504** and RI-12-140.0-20170504-FD** (both from SDG 440-183705-1), samples RI-22-80.0-20170504 and RI-22-80.0-20170504-FD (both from SDG 440-183819-1), samples RI-22-120.0-20170505 and RI-22-120.0-20170505-FD (both from SDG 440-183819-1), samples M-244-90.0-20170506 and M-244-90.0-20170506-FD (both from SDG 440-183862-1), samples RI-27-50.0-20170519 and RI-27-50.0-20170519-FD (both from SDG 440-184908-1), samples RI-27-80.0-20170520 and RI-27-80.0-20170520-FD (both from SDG 440-184908-1), samples RIDB-29-50.0-20170522 and RIDB-29-50.0-20170522-FD (both from SDG 440-184950-1), samples RIDB-29-70.0-20170523** and RIDB-29-70.0-20170523-FD** (both from SDG 440-185056-1), samples RI-23-80.0-20170531 and RI-23-80.0-20170531-FD (both from SDG 440-185476-1), samples RI-23-110.0-20170531 and RI-23-110.0-20170531-FD (both from SDG 440-185583-1), samples PCDB-1-10.0-20170603 and PCDB-1-10.0-20170603-FD (both from SDG 440-185677-1), samples PCDB-1-110.0-20170604 and PCDB-1-110.0-20170604-FD (both from SDG 440-185677-1), samples PCDB-2-50.0-20170606** and PCDB-2-50.0-20170606-FD** (both from SDG 440-185877-1), samples PCDB-2-130.0-20170606 and PCDB-2-130.0-20170606-FD (both from SDG 440-186031-1), samples PCDB-3-30.0-20170612 and PCDB-3-30.0-20170612-FD (both from SDG 440-186356-1), samples RI-17-50.0-20170613** and RI-17-50.0-20170613-FD** (both from SDG 440-186395-1), samples PCDB-3-100.0-20170613 and PCDB-3-100.0-20170613-FD (both from SDG 440-186397-1), samples PCDB-3-130.0-20170613 and PCDB-3-130.0-20170613-FD (both from SDG 440-186397-1), samples RI-17-100.0-20170614 and RI-17-100.0-20170614-FD (both from SDG 440-186518-1), samples RI-28-70.0-20170615 and RI-28-70.0-20170615-FD (both from SDG 440-186637-1), samples RI-28-130.0-20170615 and RI-28-130.0-20170615-FD (both from SDG 440-186637-1), samples RI-26-5.0-20170616 and RI-26-5.0-20170616-FD (both from SDG 440-186720-1), samples RI-26-5.0-20170616 and RI-26-5.0-20170616-FD (both from SDG 440-186720-3), samples RI-11-60.0-20170616 and RI-11-60.0-20170616-FD (both from SDG 440-186721-1), samples RI-11-110.0-20170616 and RI-11-110.0-20170616-FD (both from SDG 440-186721-1), samples RI-11-130.0-20170616 and RI-11-130.0-20170616-FD (both from SDG 440-186721-1), samples RI-26-70.0-20170617 and RI-26-70.0-20170617-FD (both from SDG 440-186786-1), samples RI-26-110.0-20170617 and RI-26-110.0-20170617-FD (both from SDG 440-186786-1), samples RI-2-130.0-20170628 and RI-2-130.0-20170628-FD (both from SDG 440-187437-1), samples RI-3-40.0-20170629 and RI-3-40.0-20170629-FD (both

from SDG 440-187533-1), samples RI-3-120.0-20170630 and RI-3-120.0-20170630-FD (both from SDG 440-187553-1), samples RI-4-30.0-20170630 and RI-4-30.0-20170630-FD (both from SDG 440-187594-1), samples RI-4-120.0-20170701 and RI-4-120.0-20170701-FD (both from SDG 440-187594-1), and samples RI-4-30.0-20170630 and RI-4-30.0-20170630-FD (both from SDG 440-187594-3) were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-8-30.0-20170222	RIDB-8-30.0-20170222-FD			
160-21233-1	Arsenic	5.1	4.5	12 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-14-10.0-20170223	RIDB-14-10.0-20170223-FD			
160-21233-1	Arsenic	6.8	7.2	6 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-13-30.0-20170224	RIDB-13-30.0-20170224-FD			
160-21233-1	Arsenic	26	26	0 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-6-5.0-20170225	RIDB-6-5.0-20170225-FD			
160-21254-1	Arsenic	4.5	3.9	14 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-8-30.0-20170222	RIDB-8-30.0-20170222-FD			
440-177826-1	Barium	69	59	16 (≤50)	-	-
	Boron	6.6	13	65 (≤50)	J (all detects)	A
	Cobalt	2.8	2.5	11 (≤50)	-	-
	Copper	8.2	8.5	4 (≤50)	-	-
	Iron	8300	9700	16 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-8-30.0-20170222	RIDB-8-30.0-20170222-FD			
440-177826-1	Lead	3.9	3.2	20 (≤50)	-	-
	Magnesium	11000	16000	37 (≤50)	-	-
	Manganese	140	170	19 (≤50)	-	-
	Nickel	8.8	8.7	1 (≤50)	-	-
	Phosphorus	820	520	45 (≤50)	-	-
	Strontium	140	180	25 (≤50)	-	-
	Vanadium	20	25	22 (≤50)	-	-
	Zirconium	14	15	7 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-9-50.0-20170223**	RIDB-9-50.0-20170223-FD**			
440-178027-1	Chromium	31	59	62 (≤50)	J (all detects)	A

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-13-30.0-20170224	RIDB-13-30.0-20170224-FD			
440-178172-1	Barium	48	44	9 (≤50)	-	-
	Boron	38	30	24 (≤50)	-	-
	Chromium	42	33	24 (≤50)	-	-
	Cobalt	6.5	5.9	10 (≤50)	-	-
	Copper	20	17	16 (≤50)	-	-
	Iron	19000	18000	5 (≤50)	-	-
	Lead	11	9.0	20 (≤50)	-	-
	Magnesium	79000	69000	14 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-13-30.0-20170224	RIDB-13-30.0-20170224-FD			
440-178172-1	Manganese	410	340	19 (≤50)	-	-
	Nickel	18	16	12 (≤50)	-	-
	Phosphorus	620	700	12 (≤50)	-	-
	Strontium	170	200	16 (≤50)	-	-
	Vanadium	47	40	16 (≤50)	-	-
	Zirconium	39	33	17 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-14-40.0-20170223	RIDB-14-40.0-20170223-FD			
440-178172-1	Chromium	42	44	5 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-10-80.0-20170225**	RIDB-10-80.0-20170225-FD**			
440-178302-1	Chromium	35	39	11 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-6-5.0-20170225**	RIDB-6-5.0-20170225-FD**			
440-178302-1	Barium	130	140	7 (≤50)	-	-
	Boron	17	16	6 (≤50)	-	-
	Chromium	15	14	7 (≤50)	-	-
	Cobalt	6.4	4.6	33 (≤50)	-	-
	Copper	18	14	25 (≤50)	-	-
	Iron	17000	15000	13 (≤50)	-	-
	Lead	7.9	8.3	5 (≤50)	-	-
	Magnesium	15000	9500	45 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-6-5.0-20170225**	RIDB-6-5.0-20170225-FD**			
440-178302-1	Manganese	360	280	25 (≤50)	-	-
	Nickel	16	13	21 (≤50)	-	-
	Phosphorus	920	750	20 (≤50)	-	-
	Strontium	160	180	12 (≤50)	-	-
	Tungsten	0.035	0.37	165 (≤50)	NQ	-
	Vanadium	48	43	11 (≤50)	-	-
	Zirconium	20	21	5 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-4-10.0-20170307	RIDB-4-10.0-20170307-FD			
440-179022-1	Barium	160	250	44 (≤50)	-	-
	Boron	30	46	42 (≤50)	-	-
	Chromium	31	46	39 (≤50)	-	-
	Cobalt	5.9	6.5	10 (≤50)	-	-
	Copper	17	20	16 (≤50)	-	-
	Iron	17000	19000	11 (≤50)	-	-
	Lead	8.7	11	23 (≤50)	-	-
	Magnesium	48000	81000	51 (≤50)	J (all detects)	A
	Manganese	320	370	14 (≤50)	-	-
	Nickel	15	18	18 (≤50)	-	-
	Phosphorus	730	810	10 (≤50)	-	-
	Strontium	2200	5000	78 (≤50)	J (all detects)	A
	Zirconium	31	39	23 (≤50)	-	-

**Indicates samples underwent Stage 4 validation

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-4-10.0-20170307	RIDB-4-10.0-20170307-FD			
440-179022-1	Vanadium	52	59	13 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-4-10.0-20170307	RIDB-4-10.0-20170307-FD			
440-179022-3	Arsenic	44	42	5 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-1-50.0-20170308	RIDB-1-50.0-20170308-FD			
440-179153-1	Chromium	28	27	4 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-20-30.0-20170308	RIDB-20-30.0-20170308-FD			
440-179153-1	Barium	160	120	29 (≤50)	-	-
	Boron	7.2	7.1	1 (≤50)	-	-
	Chromium	14	14	0 (≤50)	-	-
	Cobalt	3.9	3.5	11 (≤50)	-	-
	Copper	13	13	0 (≤50)	-	-
	Iron	14000	13000	7 (≤50)	-	-
	Lead	5.9	5.9	0 (≤50)	-	-
	Magnesium	7300	6900	6 (≤50)	-	-
	Manganese	210	190	10 (≤50)	-	-
	Nickel	12	11	9 (≤50)	-	-
	Phosphorus	960	960	0 (≤50)	-	-
	Strontium	350	260	30 (≤50)	-	-
	Zirconium	19	18	5 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-20-30.0-20170308	RIDB-20-30.0-20170308-FD			
440-179153-1	Vanadium	46	42	9 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-20-30.0-20170308**	RIDB-20-30.0-20170308-FD**			
440-179153-3	Arsenic	13	7.8	50 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-2-20.0-20170309	RIDB-2-20.0-20170309-FD			
440-179280-1	Barium	47	37	24 (≤50)	-	-
	Boron	19	26	31 (≤50)	-	-
	Chromium	20	42	71 (≤50)	J (all detects)	A
	Cobalt	3.1	3.9	23 (≤50)	-	-
	Copper	11	13	17 (≤50)	-	-
	Iron	9900	12000	19 (≤50)	-	-
	Lead	4.2	4.8	13 (≤50)	-	-
	Magnesium	37000	50000	30 (≤50)	-	-
	Manganese	170	210	21 (≤50)	-	-
	Nickel	9.0	12	29 (≤50)	-	-
	Phosphorus	360	390	8 (≤50)	-	-
	Strontium	160	150	6 (≤50)	-	-
	Zirconium	21	27	25 (≤50)	-	-
	Vanadium	26	30	14 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-17-30.0-20170309	RIDB-17-30.0-20170309-FD			
440-179280-1	Barium	190	96	66 (≤50)	J (all detects)	A
	Boron	19	20	5 (≤50)	-	-
	Chromium	28	26	7 (≤50)	-	-
	Cobalt	5.1	4.6	10 (≤50)	-	-
	Copper	17	15	13 (≤50)	-	-
	Iron	17000	16000	6 (≤50)	-	-
	Lead	8.6	8.1	6 (≤50)	-	-
	Magnesium	31000	31000	0 (≤50)	-	-
	Manganese	320	310	3 (≤50)	-	-
	Nickel	16	14	13 (≤50)	-	-
	Phosphorus	820	660	22 (≤50)	-	-
	Strontium	210	200	5 (≤50)	-	-
	Zirconium	31	29	7 (≤50)	-	-
	Vanadium	44	38	15 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-2-20.0-20170309	RIDB-2-20.0-20170309-FD			
440-179280-3	Arsenic	14	17	19 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-17-30.0-20170309	RIDB-17-30.0-20170309-FD			
440-179280-3	Arsenic	19	16	17 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-3-60.0-20170310	RIDB-3-60.0-20170310-FD			
440-179419-1	Chromium	26	23	12 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-5-5.0-20170311	RIDB-5-5.0-20170311-FD			
440-179456-1	Barium	150	120	22 (≤50)	-	-
	Boron	11	12	9 (≤50)	-	-
	Chromium	16	17	6 (≤50)	-	-
	Cobalt	5.1	5.6	9 (≤50)	-	-
	Copper	14	16	13 (≤50)	-	-
	Iron	17000	18000	6 (≤50)	-	-
	Lead	6.4	6.0	6 (≤50)	-	-
	Magnesium	12000	12000	0 (≤50)	-	-
	Manganese	250	250	0 (≤50)	-	-
	Nickel	12	13	8 (≤50)	-	-
	Phosphorus	800	800	0 (≤50)	-	-
	Strontium	200	200	0 (≤50)	-	-
	Zirconium	23	24	4 (≤50)	-	-
	Vanadium	54	56	4 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-15-80.0-20170311	RIDB-15-80.0-20170311-FD			
440-179456-1	Chromium	64	33	64 (≤50)	J (all detects)	A

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-16-80.0-20170312	RI-16-80.0-20170312-FD			
440-179456-1	Chromium	33	24	32 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-7-0.5-20170312	RIDB-7-0.5-20170312-FD			
440-179456-1	Barium	160	150	6 (≤50)	-	-
	Boron	9.8	8.3	17 (≤50)	-	-
	Chromium	15	12	22 (≤50)	-	-
	Cobalt	5.8	4.7	21 (≤50)	-	-
	Copper	18	14	25 (≤50)	-	-
	Iron	18000	15000	18 (≤50)	-	-
	Lead	6.3	6.1	3 (≤50)	-	-
	Magnesium	11000	8800	22 (≤50)	-	-
	Manganese	290	250	15 (≤50)	-	-
	Nickel	14	11	24 (≤50)	-	-
	Phosphorus	810	610	28 (≤50)	-	-
	Strontium	230	230	0 (≤50)	-	-
	Zirconium	23	22	4 (≤50)	-	-
	Vanadium	52	45	14 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-5-5.0-20170311	RIDB-5-5.0-20170311-FD			
440-179456-3	Arsenic	7.1	6.6	7 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-7-0.5-20170312	RIDB-7-0.5-20170312-FD			
440-179456-3	Arsenic	4.0	4.5	12 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-18-30.0-20170314	RIDB-18-30.0-20170314-FD			
440-179637-1	Barium	36	37	3 (≤50)	-	-
	Boron	27	26	4 (≤50)	-	-
	Chromium	35	33	6 (≤50)	-	-
	Cobalt	3.6	3.7	3 (≤50)	-	-
	Copper	14	12	15 (≤50)	-	-
	Iron	11000	10000	10 (≤50)	-	-
	Lead	5.6	5.3	6 (≤50)	-	-
	Magnesium	49000	52000	6 (≤50)	-	-
	Manganese	240	270	12 (≤50)	-	-
	Nickel	10	9.9	1 (≤50)	-	-
	Phosphorus	450	440	2 (≤50)	-	-
	Strontium	140	130	7 (≤50)	-	-
	Zirconium	29	29	0 (≤50)	-	-
	Vanadium	29	22	27 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-18-30.0-20170314	RIDB-18-30.0-20170314-FD			
440-179637-3	Arsenic	20	18	11 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-11-70.0-20170321	RIDB-11-70.0-20170321-FD			
440-180193-1	Chromium	19	17	11 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-19-60.0-20170321	RIDB-19-60.0-20170321-FD			
440-180193-1	Chromium	32	20	46 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-12-50.0-20170322	RIDB-12-50.0-20170322-FD			
440-180331-1	Chromium	26	30	14 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-27-50.0-20170322	RIDB-27-50.0-20170322-FD			
440-180331-1	Chromium	22	22	0 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-28-10.0-20170323	RIDB-28-10.0-20170323-FD			
440-180439-1	Barium	200	210	5 (≤50)	-	-
	Boron	12	11	9 (≤50)	-	-
	Cadmium	0.35	0.27U	26 (≤50)	-	-
	Chromium	20	18	11 (≤50)	-	-
	Cobalt	7.4	8.1	9 (≤50)	-	-
	Copper	24	21	13 (≤50)	-	-
	Iron	22000	20000	10 (≤50)	-	-
	Lead	8.1	9.0	11 (≤50)	-	-
	Magnesium	9300	10000	7 (≤50)	-	-
	Manganese	440	500	13 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-28-10.0-20170323	RIDB-28-10.0-20170323-FD			
440-180439-1	Mercury	0.015	0.013U	14 (≤50)	-	-
	Nickel	18	17	6 (≤50)	-	-
	Phosphorus	1400	1200	15 (≤50)	-	-
	Strontium	200	210	5 (≤50)	-	-
	Vanadium	63	56	12 (≤50)	-	-
	Zirconium	26	20	26 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-25-60.0-20170323	RIDB-25-60.0-20170323-FD			
440-180439-1	Chromium	19	21	10 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-28-10.0-20170323**	RIDB-28-10.0-20170323-FD**			
440-180439-3	Arsenic	4.0	3.8	5 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-24-70.0-20170324	RIDB-24-70.0-20170324-FD			
440-180593-1	Chromium	29	31	7 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-26-50.0-20170324	RIDB-26-50.0-20170324-FD			
440-180593-1	Chromium	27	28	4 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-22-1.0-20170327	RIDB-22-1.0-20170327-FD			
440-180696-1	Barium	13	12	8 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-22-1.0-20170327	RIDB-22-1.0-20170327-FD			
440-180696-1	Chromium	4.2	3.5	18 (≤50)	-	-
	Copper	5.9	5.1U	15 (≤50)	-	-
	Iron	1000	1000	0 (≤50)	-	-
	Magnesium	120000	100000	18 (≤50)	-	-
	Manganese	75	70	7 (≤50)	-	-
	Phosphorus	180	160	12 (≤50)	-	-
	Strontium	56	51	9 (≤50)	-	-
	Vanadium	6.3	5.7	10 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-21-50.0-20170328	RIDB-21-50.0-20170328-FD			
440-180819-1	Chromium	24	25	4 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-23-60.0-20170404	RIDB-23-60.0-20170404-FD			
440-181297-1	Chromium	37	32	14 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-5-40.0-20170405**	RI-5-40.0-20170405-FD**			
440-181420-1	Chromium	28	81	97 (≤50)	J (all detects)	A

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-5-120.0-20170407	RI-5-120.0-20170407-FD			
440-181661-1	Chromium	43	38	12 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-7-20.0-20170408	RI-7-20.0-20170408-FD			
440-181716-1	Barium	130	150	14 (≤50)	-	-
	Boron	16	16	0 (≤50)	-	-
	Chromium	18	18	0 (≤50)	-	-
	Cobalt	5.6	5.1	9 (≤50)	-	-
	Copper	15	15	0 (≤50)	-	-
	Iron	14000	15000	7 (≤50)	-	-
	Lead	5.3	5.7	7 (≤50)	-	-
	Magnesium	11000	11000	0 (≤50)	-	-
	Manganese	240	240	0 (≤50)	-	-
	Nickel	20	15	29 (≤50)	-	-
	Phosphorus	830	840	1 (≤50)	-	-
	Strontium	310	340	9 (≤50)	-	-
	Zirconium	17	18	6 (≤50)	-	-
	Vanadium	45	48	6 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-7-20.0-20170408**	RI-7-20.0-20170408-FD**			
440-181716-3	Arsenic	7.1	9.2	26 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-9-110.0-20170409	RI-9-110.0-20170409-FD			
440-181722-1	Chromium	120	65	59 (≤50)	J (all detects)	A

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-20-100.0-20170410	RI-20-100.0-20170410-FD			
440-181745-1	Chromium	42	47	11 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-10-70.0-20170410	RI-10-70.0-20170410-FD			
440-181749-1	Chromium	23	25	8 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-24-90.0-20170418	RI-24-90.0-20170418-FD			
440-182494-1	Chromium	31	39	23 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-25-80.0-20170418	RI-25-80.0-20170418-FD			
440-182498-1	Chromium	13	12	8 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-21-60.0-20170422	RI-21-60.0-20170422-FD			
440-182804-1	Chromium	31	36	15 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-8-10.0-20170422	RI-8-10.0-20170422-FD			
440-182829-1	Barium	97	130	29 (≤50)	-	-
	Boron	6.2	6.6	6 (≤50)	-	-
	Chromium	16	17	6 (≤50)	-	-
	Cobalt	6.3	7.1	12 (≤50)	-	-
	Copper	21	22	5 (≤50)	-	-
	Iron	20000	22000	10 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-8-10.0-20170422	RI-8-10.0-20170422-FD			
440-182829-1	Lead	10	8.9	12 (≤50)	-	-
	Magnesium	11000	15000	31 (≤50)	-	-
	Manganese	350	390	11 (≤50)	-	-
	Nickel	16	18	12 (≤50)	-	-
	Phosphorus	1100	1200	9 (≤50)	-	-
	Strontium	340	440	26 (≤50)	-	-
	Zirconium	30	27	11 (≤50)	-	-
	Vanadium	50	53	6 (≤50)	-	-
	Mercury	0.034	0.023	39 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-8-10.0-20170422**	RI-8-10.0-20170422-FD**			
440-182829-3	Arsenic	3.9	3.6	8 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-1-50.0-20170424	RI-1-50.0-20170424-FD			
440-182886-1	Chromium	25	20	(≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-2-90.0-20170425	RI-2-90.0-20170425-FD			
440-182943-1	Chromium	47	28	51 (≤50)	J (all detects)	A

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-65D-20170502F*	M-65D-20170502-FDF*			
440-183423-1	Aluminum	0.061 mg/L	0.052 mg/L	16 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-65D-20170502F*	M-65D-20170502-FDF*			
440-183423-1	Boron	1.1 mg/L	1.1 mg/L	0 (≤30)	-	-
	Calcium	370 mg/L	370 mg/L	0 (≤30)	-	-
	Chromium	3.2 mg/L	3.2 mg/L	0 (≤30)	-	-
	Magnesium	180 mg/L	180 mg/L	0 (≤30)	-	-
	Potassium	23 mg/L	23 mg/L	0 (≤30)	-	-
	Sodium	510 mg/L	520 mg/L	2 (≤30)	-	-
	Strontium	12 mg/L	11 mg/L	9 (≤30)	-	-
	Vanadium	0.0094 mg/L	0.010 mg/L	6 (≤30)	-	-
	Arsenic	13 ug/L	14 ug/L	7 (≤30)	-	-

SDG	Analyte	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-65D-20170502*	M-65D-20170502-FD*			
440-183423-3	Uranium	6.3	6.4	2 (≤30)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-13-40.0-20170502	RI-13-40.0-20170502-FD			
440-183424-1	Chromium	35	32	9 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-16-50.0-20170502	RIDB-16-50.0-20170502-FD			
440-183426-1	Chromium	14	13	7 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-12-30.0-20170503	RI-12-30.0-20170503-FD			
440-183574-1	Barium	88	87	1 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-12-30.0-20170503	RI-12-30.0-20170503-FD			
440-183574-1	Boron	41	36	13 (≤50)	-	-
	Chromium	100	81	21 (≤50)	-	-
	Cobalt	7.7	7.7	0 (≤50)	-	-
	Copper	29	25	15 (≤50)	-	-
	Iron	24000	23000	4 (≤50)	-	-
	Lead	12	13	8 (≤50)	-	-
	Magnesium	43000	42000	2 (≤50)	-	-
	Manganese	340	310	9 (≤50)	-	-
	Nickel	21	20	5 (≤50)	-	-
	Phosphorus	800	820	2 (≤50)	-	-
	Strontium	150	150	0 (≤50)	-	-
	Vanadium	57	56	2 (≤50)	-	-
	Zirconium	56	49	13 (≤50)	-	-
	Mercury	0.19	0.21	10 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-12-30.0-20170503	RI-12-30.0-20170503-FD			
440-183574-3	Arsenic	27	25	8 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-13-110.0-20170503	RI-13-110.0-20170503-FD			
440-183581-1	Chromium	31	27	14 (≤50)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-66D-20170504*	M-66D-20170504-FD*			
440-183683-1	Boron	2.1 mg/L	2.1 mg/L	0 (≤30)	-	-
	Calcium	400 mg/L	430 mg/L	7 (≤30)	-	-
	Chromium	3.9 mg/L	4.0 mg/L	3 (≤30)	-	-
	Magnesium	200 mg/L	200 mg/L	0 (≤30)	-	-
	Potassium	28 mg/L	27 mg/L	4 (≤30)	-	-
	Sodium	520 mg/L	530 mg/L	2 (≤30)	-	-
	Strontium	12 mg/L	12 mg/L	0 (≤30)	-	-
	Vanadium	0.0090 mg/L	0.0090 mg/L	0 (≤30)	-	-
	Arsenic	13 ug/L	15 ug/L	14 (≤30)	-	-

SDG	Analyte	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-66D-20170504*	M-66D-20170504-FD*			
440-183683-2	Uranium	8.4	8.2	2 (≤30)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-22-50.0-20170504	RI-22-50.0-20170504-FD			
440-183702-1	Chromium	31	30	3 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-12-140.0-20170504**	RI-12-140.0-20170504-FD**			
440-183705-1	Chromium	35	26	30 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-22-80.0-20170504	RI-22-80.0-20170504-FD			
440-183819-1	Chromium	18	18	0 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-22-120.0-20170505	RI-22-120.0-20170505-FD			
440-183819-1	Chromium	53	65	20 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		M-244-90.0-20170506	M-244-90.0-20170506-FD			
440-183862-1	Chromium	28	26	7 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-27-50.0-20170519	RI-27-50.0-20170519-FD			
440-184908-1	Chromium	40	40	0 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-27-80.0-20170520	RI-27-80.0-20170520-FD			
440-184908-1	Chromium	8.3	6.8	20 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-29-50.0-20170522	RIDB-29-50.0-20170522-FD			
440-184950-1	Chromium	19	15	24 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-29-70.0-20170523**	RIDB-29-70.0-20170523-FD**			
440-185056-1	Chromium	21	21	0 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-23-80.0-20170531	RI-23-80.0-20170531-FD			
440-185476-1	Chromium	36	33	9 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-23-110.0-20170531	RI-23-110.0-20170531-FD			
440-185883-1	Chromium	34	35	3 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-1-10.0-20170603	PCDB-1-10.0-20170603-FD			
440-185677-1	Chromium	21	23	9 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-1-110.0-20170604	PCDB-1-110.0-20170604-FD			
440-185677-1	Chromium	18	11	48 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-2-50.0-20170606**	PCDB-2-50.0-20170606-FD**			
440-185877-1	Chromium	9.0	11	20 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-2-130.0-20170606	PCDB-2-130.0-20170606-FD			
440-186031-1	Chromium	8.9	6.4	33 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-3-30.0-20170612	PCDB-3-30.0-20170612-FD			
440-186356-1	Chromium	15	20	29 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-17-50.0-20170613**	RI-17-50.0-20170613-FD**			
440-186395-1	Chromium	34	32	6 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-3-100.0-20170613	PCDB-3-100.0-20170613-FD			
440-186397-1	Chromium	19	14	30 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-3-130.0-20170613	PCDB-3-130.0-20170613-FD			
440-186397-1	Chromium	9.6	23	82 (≤50)	J (all detects)	A

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-17-100.0-20170614	RI-17-100.0-20170614-FD			
440-186518-1	Chromium	32	33	3 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-28-70.0-20170615	RI-28-70.0-20170615-FD			
440-186637-1	Chromium	35	68	64 (≤50)	J (all detects)	A

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-28-130.0-20170615	RI-28-130.0-20170615-FD			
440-186637-1	Chromium	26	30	14 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-26-5.0-20170616	RI-26-5.0-20170616-FD			
440-186720-1	Barium	140	190	30 (≤50)	-	-
	Boron	49	18	93 (≤50)	J (all detects)	A
	Chromium	15	19	24 (≤50)	-	-
	Cobalt	5.9	7.7	26 (≤50)	-	-
	Copper	15	19	24 (≤50)	-	-
	Iron	14000	18000	25 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-26-5.0-20170616	RI-26-5.0-20170616-FD			
440-186720-1	Lead	6.1	7.7	23 (≤50)	-	-
	Magnesium	33000	10000	107 (≤50)	J (all detects)	A
	Manganese	300	390	26 (≤50)	-	-
	Nickel	14	17	19 (≤50)	-	-
	Phosphorus	990	940	5 (≤50)	-	-
	Strontium	150	150	0 (≤50)	-	-
	Vanadium	44	56	24 (≤50)	-	-
	Zirconium	15	17	13 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-26-5.0-20170616	RI-26-5.0-20170616-FD			
440-186720-3	Arsenic	3.1	2.2	34 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-11-60.0-20170616	RI-11-60.0-20170616-FD			
440-186721-1	Chromium	47	44	7 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-11-110.0-20170616	RI-11-110.0-20170616-FD			
440-186721-1	Chromium	46	60	26 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-11-130.0-20170616	RI-11-130.0-20170616-FD			
440-186721-1	Chromium	24	27	12 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-26-70.0-20170617	RI-26-70.0-20170617-FD			
440-186786-1	Chromium	24	19	23 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-26-110.0-20170617	RI-26-110.0-20170617-FD			
440-186786-1	Chromium	34	37	8 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-2-130.0-20170628	RI-2-130.0-20170628-FD			
440-187437-1	Chromium	51	32	46 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-3-40.0-20170629	RI-3-40.0-20170629-FD			
440-187533-1	Chromium	28	29	4 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-3-120.0-20170630	RI-3-120.0-20170630-FD			
440-187553-1	Chromium	130	150	14 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-4-30.0-20170630	RI-4-30.0-20170630-FD			
440-187594-1	Barium	80	79	1 (≤50)	-	-
	Boron	20	17	16 (≤50)	-	-
	Chromium	33	26	24 (≤50)	-	-
	Cobalt	6.4	6.0	6 (≤50)	-	-
	Copper	18	16	12 (≤50)	-	-
	Iron	17000	14000	19 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-4-30.0-20170630	RI-4-30.0-20170630-FD			
440-187594-1	Lead	8.2	6.7	20 (≤50)	-	-
	Magnesium	24000	20000	18 (≤50)	-	-
	Manganese	230	270	16 (≤50)	-	-
	Molybdenum	1.5	2.6U	200 (≤50)	NQ	-
	Nickel	15	13	14 (≤50)	-	-
	Phosphorus	590	600	2 (≤50)	-	-
	Strontium	240	190	23 (≤50)	-	-
	Vanadium	83	60	32 (≤50)	-	-
	Zirconium	38	31	20 (≤50)	-	-
	Mercury	0.026U	0.027	200 (≤50)	NQ	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-4-120.0-20170701	RI-4-120.0-20170701-FD			
440-187594-1	Chromium	29	29	0 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-4-30.0-20170630	RI-4-30.0-20170630-FD			
440-187594-3	Arsenic	18	22	20 (≤50)	-	-

NQ = No data were qualified when either the primary or duplicate result was not detected or was below the reporting limit.

XII. Internal Standards (ICP-MS)

All internal standard percent recoveries (%R) were within QC limits.

Internal standard data were not reviewed for Stage 2A validation.

XIII. Sample Result Verification

All sample result verifications were acceptable.

Raw data were not reviewed for Stage 2A or Stage 2B validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the methods.

Due to instrument calibration %R, ICS concentration, MS/MSD %R and RPD, serial dilution %D, and field duplicate RPD, data were qualified as estimated in three hundred thirty three samples.

Due to laboratory blank contamination, data were qualified as estimated in one sample.

Due to equipment blank contamination, data were qualified as estimated in eight samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be rejected (R) are unusable for all purposes. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Metals - Data Qualification Summary - SDGs 160-21233-1, 160-21254-1, 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-1, 440-179022-1, 440-179022-3, 440-179153-1, 440-179153-3, 440-179280-1, 440-179280-3, 440-179419-1, 440-179419-3, 440-179456-1, 440-179456-3, 440-179565-1, 440-179636-1, 440-179637-1, 440-179637-3, 440-179742-1, 440-180101-1, 440-180101-3, 440-180193-1, 440-180193-3, 440-180331-1, 440-180331-3, 440-180439-1, 440-180439-3, 440-180593-1, 440-180593-3, 440-180696-1, 440-180696-3, 440-180819-1, 440-180819-3, 440-180968-1, 440-181200-1, 440-181200-3, 440-181297-1, 440-181297-3, 440-181420-1, 440-181420-3, 440-181565-1, 440-181661-1, 440-181661-3, 440-181716-1, 440-181716-3, 440-181722-1, 440-181722-3, 440-181745-1, 440-181745-3, 440-181749-1, 440-181749-3, 440-181883-1, 440-182494-1, 440-182494-3, 440-182498-1, 440-182498-3, 440-182601-1, 440-182602-1, 440-182804-1, 440-182804-3, 440-182829-1, 440-182829-3, 440-182886-1, 440-182886-3, 440-182888-1, 440-182942-1, 440-182943-1, 440-182943-3, 440-183075-1, 440-183293-1, 440-183293-3, 440-183423-1, 440-183423-3, 440-183424-1, 440-183424-3, 440-183426-1, 440-183426-3, 440-183553-1, 440-183553-2, 440-183574-1, 440-183574-3, 440-183581-1, 440-183683-1, 440-183683-2, 440-183702-1, 440-183702-3, 440-183705-1, 440-183819-1, 440-183862-1, 440-184723-1, 440-184858-1, 440-184858-3, 440-184908-1, 440-184950-1, 440-184950-3, 440-185056-1, 440-185476-1, 440-185476-3, 440-185583-1, 440-185677-1, 440-185829-1, 440-185877-1, 440-186031-1, 440-186351-1, 440-186351-3, 440-186356-1, 440-186395-1, 440-186397-1, 440-186517-1, 440-186517-3, 440-186518-1, 440-186634-1, 440-186634-3, 440-186637-1, 440-186720-1, 440-186720-3, 440-186721-1, 440-186786-1, 440-186786-3, 440-186797-1, 440-186920-1, 440-187295-1, 440-187437-1, 440-187533-1, 440-187533-3, 440-187553-1, 440-187589-1, 440-187589-3, 440-187594-1, 440-187594-3

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-181200-1	RIDB-23-1.0-20170403 RIDB-23-5.0-20170403	Lead	UJ (all non-detects)	P	Instrument calibration (%R) (c)
440-182494-1	RI-24-10.0-20170418	Mercury	J+ (all detects)	P	Instrument calibration (%R) (c)
440-182498-1	RI-25-10.0-20170418	Mercury	J+ (all detects)	P	Instrument calibration (%R) (c)
440-183424-1	RI-13-30.0-20170502	Lead	J- (all detects)	P	Instrument calibration (CRI %R) (c)
440-183426-1	RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-20.0-20170502	Lead	J- (all detects) UJ (all non-detects)	P	Instrument calibration (CRI %R) (c)
440-178027-1	RIDB-9-10.0-20170223**	Boron	J+ (all detects)	P	Interference check standards (concentration) (z)
440-184858-1	RI-27-20.0-20170519** RI-27-40.0-20170519**	Boron	J+ (all detects)	A	Interference check standards (concentration) (z)

**Indicates samples underwent Stage 4 validation

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
160-21233-1	M-5D-52.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222 RIDB-8-30.0-20170222-FD RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-9-10.0-20170223 RIDB-9-20.0-20170223 RIDB-9-30.0-20170223 RIDB-14-1.0-20170223 RIDB-14-5.0-20170223 RIDB-14-10.0-20170223 RIDB-14-10.0-20170223-FD RIDB-14-20.0-20170223 RIDB-14-30.0-20170223 RIDB-10-1.0-20170223	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
160-21233-1	RIDB-10-5.0-20170223 RIDB-13-1.0-20170224 RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-10-30.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
160-21254-1	RIDB-6-0.5-20170225 RIDB-6-5.0-20170225 RIDB-6-5.0-20170225-FD RIDB-6-10.0-20170226 RIDB-6-20.0-20170226 RIDB-6-30.0-20170226	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-177826-1	RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222	Barium Strontium	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-177826-1	RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222	Tungsten	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-177826-1	RIDB-8-30.0-20170222-FD M-5D-52.0-20170222	Tungsten	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-178027-1	RIDB-14-1.0-20170223** RIDB-14-5.0-20170223** RIDB-14-10.0-20170223** RIDB-14-20.0-20170223** RIDB-9-10.0-20170223** RIDB-9-20.0-20170223** RIDB-9-30.0-20170223**	Barium Vanadium	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178027-1	RIDB-14-1.0-20170223** RIDB-14-5.0-20170223** RIDB-14-10.0-20170223** RIDB-14-20.0-20170223** RIDB-9-10.0-20170223** RIDB-9-20.0-20170223** RIDB-9-30.0-20170223**	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178172-1	RIDB-10-1.0-20170223 RIDB-10-30.0-20170224	Barium Vanadium	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178172-1	RIDB-10-1.0-20170223 RIDB-10-30.0-20170224	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178302-1	RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226**	Strontium Barium	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178302-1	RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226**	Tungsten	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179022-1	RIDB-4-0.5-20170306 RIDB-4-5.0-20170307 RIDB-4-10.0-20170307 RIDB-4-10.0-20170307-FD RIDB-4-20.0-20170307 RIDB-4-30.0-20170307 RIDB-20-1.0-20170307	Strontium	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179022-1	RIDB-4-0.5-20170306 RIDB-4-5.0-20170307 RIDB-4-10.0-20170307 RIDB-4-10.0-20170307-FD RIDB-4-20.0-20170307 RIDB-4-30.0-20170307 RIDB-20-1.0-20170307	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179022-3	RIDB-4-0.5-20170306 RIDB-4-5.0-20170307 RIDB-4-10.0-20170307 RIDB-4-10.0-20170307-FD RIDB-4-20.0-20170307 RIDB-4-30.0-20170307 RIDB-20-1.0-20170307	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-179153-1	RIDB-1-5.0-20170308 RIDB-1-10.0-20170308 RIDB-1-20.0-20170308 RIDB-1-30.0-20170308 RIDB-20-5.0-20170308 RIDB-20-10.0-20170308 RIDB-20-20.0-20170308 RIDB-20-30.0-20170308 RIDB-20-30.0-20170308-FD	Boron	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-1	RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD	Strontium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-1	RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-1	RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD	Barium Strontium	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-1	RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD	Chromium Zirconium Vanadium	J- (all detects) J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-179280-1	RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-3	RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-3	RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179419-1	RIDB-3-0.5-20170310 RIDB-3-5.0-20170310 RIDB-3-10.0-20170310 RIDB-3-20.0-20170310 RIDB-3-30.0-20170310	Tungsten	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179419-1	RIDB-15-1.0-20170310 RIDB-15-5.0-20170310 RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310	Barium Strontium	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179419-1	RIDB-15-1.0-20170310 RIDB-15-5.0-20170310 RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179419-3	RIDB-3-0.5-20170310 RIDB-3-5.0-20170310 RIDB-3-10.0-20170310 RIDB-3-20.0-20170310 RIDB-3-30.0-20170310 RIDB-15-1.0-20170310 RIDB-15-5.0-20170310 RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179456-1	RI-16-70.0-20170312 RIDB-7-50.0-20170312 RIDB-7-80.0-20170312 RIDB-7-90.0-20170312	Chromium	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-179456-1	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312	Barium Strontium	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179456-1	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179456-1	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312	Zirconium Vanadium Boron	J- (all detects) J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179456-3	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-179456-3	RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179637-1	RIDB-18-1.0-20170314 RIDB-18-5.0-20170314 RIDB-18-10.0-20170314 RIDB-18-20.0-20170314 RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD	Barium	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179637-1	RIDB-18-1.0-20170314 RIDB-18-5.0-20170314 RIDB-18-10.0-20170314 RIDB-18-20.0-20170314 RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD	Strontium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179637-1	RIDB-18-1.0-20170314 RIDB-18-5.0-20170314 RIDB-18-10.0-20170314 RIDB-18-20.0-20170314 RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179637-3	RIDB-18-1.0-20170314 RIDB-18-5.0-20170314 RIDB-18-10.0-20170314 RIDB-18-20.0-20170314 RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180101-3	RIDB-19-1.0-20170320 RIDB-19-5.0-20170320 RIDB-19-10.0-20170320 RIDB-19-20.0-20170320 RIDB-19-30.0-20170320 RIDB-11-1.0-20170320 RIDB-11-5.0-20170320 RIDB-11-10.0-20170320	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180193-1	RIDB-11-20.0-20170320 RIDB-11-30.0-20170321 RIDB-27-1.0-20170321	Barium Strontium	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180193-1	RIDB-11-20.0-20170320 RIDB-11-30.0-20170321 RIDB-27-1.0-20170321	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180193-3	RIDB-11-20.0-20170320 RIDB-11-30.0-20170321 RIDB-27-1.0-20170321	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180331-1	RIDB-27-30.0-20170321	Strontium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-180331-1	RIDB-27-30.0-20170321	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180331-1	RIDB-12-10.0-20170322 RIDB-12-20.0-20170322	Mercury	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180331-3	RIDB-12-1.0-20170321 RIDB-12-5.0-20170321 RIDB-12-10.0-20170322 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321 RIDB-27-20.0-20170321 RIDB-27-30.0-20170321	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180439-1	RIDB-28-1.0-20170322 RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-25-1.0-20170323 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-20.0-20170323 RIDB-25-30.0-20170323	Strontium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180439-1	RIDB-28-1.0-20170322 RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-25-1.0-20170323 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-20.0-20170323 RIDB-25-30.0-20170323	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180439-1	RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-30.0-20170323 RIDB-25-30.0-20170323	Mercury	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180439-3	RIDB-28-1.0-20170322** RIDB-28-5.0-20170322** RIDB-28-10.0-20170323** RIDB-28-10.0-20170323-FD** RIDB-28-20.0-20170323** RIDB-28-30.0-20170323** RIDB-25-1.0-20170323** RIDB-25-5.0-20170323** RIDB-25-10.0-20170323** RIDB-25-20.0-20170323** RIDB-25-30.0-20170323**	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-180593-1	RIDB-24-1.0-20170323 RIDB-24-5.0-20170323 RIDB-24-10.0-20170324 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-26-1.0-20170323 RIDB-26-5.0-20170323 RIDB-26-10.0-20170324 RIDB-26-20.0-20170324 RIDB-26-30.0-20170324	Phosphorus	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180593-1	RIDB-24-1.0-20170323 RIDB-24-5.0-20170323 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-26-1.0-20170323 RIDB-26-5.0-20170323 RIDB-26-20.0-20170324 RIDB-26-30.0-20170324	Mercury	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180593-3	RIDB-24-1.0-20170323 RIDB-24-5.0-20170323 RIDB-24-10.0-20170324 RIDB-24-20.0-20170324 RIDB-24-30.0-20170324 RIDB-26-1.0-20170323 RIDB-26-5.0-20170323 RIDB-26-10.0-20170324 RIDB-26-20.0-20170324	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180593-3	RIDB-26-30.0-20170324	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180696-3	RIDB-22-1.0-20170327 RIDB-22-1.0-20170327-FD RIDB-22-5.0-20170327 RIDB-22-10.0-20170327 RIDB-22-20.0-20170327 RIDB-22-30.0-20170327	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180819-1	RIDB-21-1.0-20170328 RIDB-21-5.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328	Barium Manganese	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180819-3	RIDB-21-1.0-20170328 RIDB-21-5.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181200-1	RIDB-23-1.0-20170403 RIDB-23-5.0-20170403 RIDB-23-10.0-20170403 RIDB-23-20.0-20170403	Barium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-181200-3	RIDB-23-1.0-20170403 RIDB-23-5.0-20170403 RIDB-23-10.0-20170403 RIDB-23-20.0-20170403	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181297-1	RIDB-23-30.0-20170404	Barium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181297-3	RIDB-23-30.0-20170404	Antimony	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181420-1	RI-5-5.0-20170404** RI-5-10.0-20170405** RI-5-20.0-20170405** RI-5-30.0-20170405**	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181420-3	RI-5-5.0-20170404 RI-5-10.0-20170405 RI-5-20.0-20170405 RI-5-30.0-20170405	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181661-3	RI-9-5.0-20170407	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181716-1	RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408	Barium	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181716-1	RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408	Tungsten Strontium	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181716-3	RI-7-5.0-20170408** RI-7-10.0-20170408** RI-7-20.0-20170408** RI-7-20.0-20170408-FD** RI-7-30.0-20170408**	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181722-1	RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409	Barium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181722-1	RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-181722-3	RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181745-1	RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410	Barium	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181745-1	RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181745-3	RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181749-1	RI-10-20.0-20170410 RI-10-30.0-20170410	Barium Strontium	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181749-1	RI-10-20.0-20170410 RI-10-30.0-20170410	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181749-3	RI-10-20.0-20170410 RI-10-30.0-20170410	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182494-1	RI-24-1.0-20170418 RI-24-5.0-20170418 RI-24-10.0-20170418 RI-24-20.0-20170418 RI-24-30.0-20170418 RI-24-40.0-20170418	Barium Tungsten	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182498-1	RI-25-30.0-20170418 RI-25-40.0-20170418	Barium Tungsten	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182498-1	RI-25-1.0-20170417	Barium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182498-1	RI-25-1.0-20170417	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182601-1	RI-25-100.0-20170418 RI-25-110.0-20170419 RI-25-120.0-20170419 RI-25-130.0-20170419 RI-25-140.0-20170419 RI-25-150.0-20170419	Chromium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-182602-1	RI-24-100.0-20170419 RI-24-110.0-20170419 RI-24-120.0-20170419 RI-24-130.0-20170419 RI-24-140.0-20170419 RI-24-150.0-20170419	Chromium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182804-1	RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422	Barium Strontium	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182804-1	RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182804-3	RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182829-1	RI-8-5.0-20170422 RI-8-10.0-20170422 RI-8-10.0-20170422-FD RI-8-20.0-20170422 RI-8-30.0-20170422	Barium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182829-1	RI-8-5.0-20170422 RI-8-10.0-20170422 RI-8-10.0-20170422-FD RI-8-20.0-20170422 RI-8-30.0-20170422	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182829-3	RI-8-5.0-20170422** RI-8-10.0-20170422** RI-8-10.0-20170422-FD** RI-8-20.0-20170422** RI-8-30.0-20170422**	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182886-1	RI-1-5.0-20170424 RI-1-10.0-20170424 RI-1-20.0-20170424 RI-1-30.0-20170424	Barium Vanadium	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182886-1	RI-1-5.0-20170424 RI-1-10.0-20170424 RI-1-20.0-20170424 RI-1-30.0-20170424	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182886-3	RI-1-5.0-20170424 RI-1-10.0-20170424 RI-1-20.0-20170424 RI-1-30.0-20170424	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-182943-1	RI-2-5.0-20170425 RI-2-10.0-20170425 RI-2-20.0-20170425 RI-2-30.0-20170425	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182943-1	RI-2-5.0-20170425 RI-2-10.0-20170425 RI-2-20.0-20170425 RI-2-30.0-20170425	Barium	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182943-3	RI-2-5.0-20170425 RI-2-10.0-20170425 RI-2-20.0-20170425 RI-2-30.0-20170425	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183293-1	M-5D-20170501*	Aluminum	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183423-1	M-65D-20170502F* M-65D-20170502-FDF*	Aluminum	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183424-1	RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502	Barium Tungsten	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183424-1	RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502	Manganese	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183424-3	RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183426-1	RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502	Barium Tungsten	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183426-1	RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502	Manganese	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183426-3	RIDB-16-1.0-20170501** RIDB-16-5.0-20170502** RIDB-16-10.0-20170502** RIDB-16-20.0-20170502** RIDB-16-30.0-20170502**	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-183574-1	RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD	Barium Mercury	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183574-1	RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183574-1	RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD RI-12-40.0-20170503 RI-12-50.0-20170503 RI-12-60.0-20170503 RI-12-70.0-20170503 RI-12-80.0-20170503	Chromium	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183574-3	RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183581-1	RI-13-90.0-20170503 RI-13-100.0-20170503 RI-13-110.0-20170503 RI-13-110.0-20170503-FD RI-13-120.0-20170503 RI-13-135.0-20170503	Chromium	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183702-1	RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504	Lead	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183702-1	RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183702-1	RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504	Mercury	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-183702-3	RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183819-1	RI-22-70.0-20170504 RI-22-80.0-20170504 RI-22-80.0-20170504-FD RI-22-90.0-20170504 RI-22-100.0-20170505 RI-22-110.0-20170505 RI-22-120.0-20170505 RI-22-120.0-20170505-FD RI-22-130.0-20170505	Chromium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-184723-1	RI-23-2.0-20170517 RI-23-5.0-20170517 RI-23-10.0-20170517	Strontium	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-184723-1	RI-23-2.0-20170517 RI-23-5.0-20170517 RI-23-10.0-20170517	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-184858-1	RI-6-5.0-20170518** RI-6-10.0-20170518** RI-27-1.0-20170519** RI-27-5.0-20170519** RI-27-10.0-20170519** RI-27-20.0-20170519** RI-27-30.0-20170519** RI-27-40.0-20170519** RIDB-29-1.0-20170519** RIDB-29-5.0-20170519** RIDB-29-10.0-20170519**	Strontium	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-184858-1	RI-6-5.0-20170518** RI-6-10.0-20170518** RI-27-1.0-20170519** RI-27-5.0-20170519** RI-27-10.0-20170519** RI-27-20.0-20170519** RI-27-30.0-20170519** RI-27-40.0-20170519** RIDB-29-1.0-20170519** RIDB-29-5.0-20170519** RIDB-29-10.0-20170519**	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-184858-3	RI-6-5.0-20170518 RI-6-10.0-20170518 RI-27-1.0-20170519 RI-27-5.0-20170519 RI-27-10.0-20170519 RI-27-20.0-20170519 RI-27-30.0-20170519 RI-27-40.0-20170519 RIDB-29-1.0-20170519 RIDB-29-5.0-20170519 RIDB-29-10.0-20170519	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-184950-1	RIDB-29-20.0-20170522 RIDB-29-30.0-20170522	Strontium	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-184950-1	RIDB-29-20.0-20170522 RIDB-29-30.0-20170522	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-184950-3	RIDB-29-20.0-20170522 RIDB-29-30.0-20170522	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-185056-1	RIDB-29-60.0-20170522** RIDB-29-70.0-20170523** RIDB-29-70.0-20170523-FD** RIDB-29-80.0-20170523** RIDB-29-90.0-20170523**	Chromium	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-185476-1	RI-23-20.0-20170530 RI-23-30.0-20170530 RI-23-40.0-20170530	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-185476-3	RI-23-20.0-20170530 RI-23-30.0-20170530 RI-23-40.0-20170530	Antimony	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186351-1	RI-17-5.0-20170612 RI-17-10.0-20170612 RI-17-20.0-20170612 RI-17-30.0-20170612	Barium Strontium	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186351-1	RI-17-5.0-20170612 RI-17-10.0-20170612 RI-17-20.0-20170612 RI-17-30.0-20170612	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186351-3	RI-17-5.0-20170612 RI-17-10.0-20170612 RI-17-20.0-20170612 RI-17-30.0-20170612	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186517-3	RI-28-1.0-20170614 RI-28-5.0-20170614 RI-28-10.0-20170614 RI-28-20.0-20170614 RI-28-30.0-20170614 RI-28-40.0-20170614	Antimony	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186634-1	RI-11-5.0-20170615** RI-11-10.0-20170615** RI-11-20.0-20170615** RI-11-30.0-20170615**	Barium Tungsten Vanadium	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186634-3	RI-11-5.0-20170615 RI-11-10.0-20170615 RI-11-20.0-20170615 RI-11-30.0-20170615	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-186720-1	RI-26-1.0-20170616 RI-26-5.0-20170616 RI-26-5.0-20170616-FD RI-26-10.0-20170616 RI-26-20.0-20170616	Lead Tungsten Copper	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186720-3	RI-26-1.0-20170616 RI-26-5.0-20170616 RI-26-5.0-20170616-FD RI-26-10.0-20170616 RI-26-20.0-20170616	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186786-1	RI-26-30.0-20170616 RI-26-40.0-20170616	Lead Tungsten Copper	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186786-3	RI-26-30.0-20170616 RI-26-40.0-20170616	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187533-1	RI-3-5.0-20170629 RI-3-10.0-20170629 RI-3-20.0-20170629	Barium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187533-1	RI-3-5.0-20170629 RI-3-10.0-20170629 RI-3-20.0-20170629	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187533-3	RI-3-5.0-20170629** RI-3-10.0-20170629** RI-3-20.0-20170629**	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187553-1	RI-3-80.0-20170629 RI-3-90.0-20170629 RI-3-100.0-20170629 RI-3-110.0-20170629 RI-3-120.0-20170630-FD RI-3-130.0-20170630	Chromium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187589-1	RI-4-5.0-20170630	Barium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187589-1	RI-4-5.0-20170630	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187589-3	RI-4-5.0-20170630	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187594-1	RI-4-10.0-20170630 RI-4-20.0-20170630 RI-4-30.0-20170630 RI-4-30.0-20170630-FD RI-4-40.0-20170630	Barium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-187594-1	RI-4-10.0-20170630 RI-4-20.0-20170630 RI-4-30.0-20170630 RI-4-30.0-20170630-FD RI-4-40.0-20170630	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187594-3	RI-4-10.0-20170630 RI-4-20.0-20170630 RI-4-30.0-20170630 RI-4-30.0-20170630-FD	Antimony	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178027-1	RIDB-14-1.0-20170223** RIDB-14-5.0-20170223** RIDB-14-10.0-20170223** RIDB-14-20.0-20170223** RIDB-9-10.0-20170223** RIDB-9-20.0-20170223** RIDB-9-30.0-20170223**	Manganese	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-178172-1	RIDB-10-1.0-20170223 RIDB-10-30.0-20170224	Manganese	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-179637-1	RIDB-18-1.0-20170314 RIDB-18-5.0-20170314 RIDB-18-10.0-20170314 RIDB-18-20.0-20170314 RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD	Manganese	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-181420-1	RI-5-5.0-20170404** RI-5-10.0-20170405** RI-5-20.0-20170405** RI-5-30.0-20170405**	Barium	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-181716-1	RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408	Barium	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-181745-1	RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-181749-1	RI-10-20.0-20170410 RI-10-30.0-20170410	Strontium	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-182804-1	RI-21-5.0-20170422 RI-21-10.0-20170422 RI-21-20.0-20170422 RI-21-30.0-20170422	Strontium	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-182886-1	RI-1-5.0-20170424 RI-1-10.0-20170424 RI-1-20.0-20170424 RI-1-30.0-20170424	Tungsten	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-182943-1	RI-2-5.0-20170425 RI-2-10.0-20170425 RI-2-20.0-20170425 RI-2-30.0-20170425	Tungsten Barium	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-183293-1	M-5D-20170501*	Aluminum	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-183574-1	RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD	Mercury	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-183702-1	RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504	Lead	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-183702-1	RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504	Mercury	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-186634-1	RI-11-5.0-20170615** RI-11-10.0-20170615** RI-11-20.0-20170615** RI-11-30.0-20170615**	Phosphorus	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-178302-1	RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226**	Zirconium	J (all detects)	A	Serial dilution (%D) (sd)
440-180331-1	RIDB-27-30.0-20170321	Phosphorus Strontium Vanadium	J (all detects) J (all detects) J (all detects)	A	Serial dilution (%D) (sd)
440-180439-1	RIDB-28-1.0-20170322 RIDB-28-5.0-20170322 RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD RIDB-28-20.0-20170323 RIDB-28-30.0-20170323 RIDB-25-1.0-20170323 RIDB-25-5.0-20170323 RIDB-25-10.0-20170323 RIDB-25-20.0-20170323 RIDB-25-30.0-20170323	Phosphorus Strontium Vanadium	J (all detects) J (all detects) J (all detects)	A	Serial dilution (%D) (sd)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-181745-1	RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410	Magnesium Manganese	J (all detects) J (all detects)	A	Serial dilution (%D) (sd)
440-182829-1	RI-8-5.0-20170422 RI-8-10.0-20170422 RI-8-10.0-20170422-FD RI-8-20.0-20170422 RI-8-30.0-20170422	Barium	J (all detects)	A	Serial dilution (%D) (sd)
440-183424-1	RI-13-5.0-20170502 RI-13-10.0-20170502 RI-13-20.0-20170502 RI-13-30.0-20170502	Barium Iron Magnesium Manganese Phosphorus Vanadium	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A	Serial dilution (%D) (sd)
440-183426-1	RIDB-16-1.0-20170501 RIDB-16-5.0-20170502 RIDB-16-10.0-20170502 RIDB-16-20.0-20170502 RIDB-16-30.0-20170502	Barium Iron Magnesium Manganese Phosphorus Vanadium	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A	Serial dilution (%D) (sd)
440-183574-1	RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD	Barium Iron Magnesium Manganese Phosphorus Strontium Vanadium	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A	Serial dilution (%D) (sd)
440-183574-1	RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD RI-12-40.0-20170503 RI-12-50.0-20170503 RI-12-60.0-20170503 RI-12-70.0-20170503 RI-12-80.0-20170503	Chromium	J (all detects)	A	Serial dilution (%D) (sd)
440-183581-1	RI-13-90.0-20170503 RI-13-100.0-20170503 RI-13-110.0-20170503 RI-13-110.0-20170503-FD RI-13-120.0-20170503 RI-13-135.0-20170503	Chromium	J (all detects)	A	Serial dilution (%D) (sd)
440-183702-1	RI-22-1.0-20170504 RI-22-5.0-20170504 RI-22-10.0-20170504 RI-22-20.0-20170504 RI-22-30.0-20170504 RI-22-40.0-20170504	Barium Iron Magnesium Manganese Phosphorus Strontium Vanadium	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A	Serial dilution (%D) (sd)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-177826-1	RIDB-8-30.0-20170222 RIDB-8-30.0-20170222-FD	Boron	J (all detects)	A	Field duplicates (RPD) (fd)
440-178027-1	RIDB-9-50.0-20170223** RIDB-9-50.0-20170223-FD**	Chromium	J (all detects)	A	Field duplicates (RPD) (fd)
440-179022-1	RIDB-4-10.0-20170307 RIDB-4-10.0-20170307-FD	Magnesium Strontium	J (all detects) J (all detects)	A	Field duplicates (RPD) (fd)
440-179280-1	RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD	Chromium	J (all detects)	A	Field duplicates (RPD) (fd)
440-179280-1	RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD	Barium	J (all detects)	A	Field duplicates (RPD) (fd)
440-179456-1	RIDB-15-80.0-20170311 RIDB-15-80.0-20170311-FD	Chromium	J (all detects)	A	Field duplicates (RPD) (fd)
440-181420-1	RI-5-40.0-20170405** RI-5-40.0-20170405-FD**	Chromium	J (all detects)	A	Field duplicates (RPD) (fd)
440-181722-1	RI-9-110.0-20170409 RI-9-110.0-20170409-FD	Chromium	J (all detects)	A	Field duplicates (RPD) (fd)
440-182943-1	RI-2-90.0-20170425 RI-2-90.0-20170425-FD	Chromium	J (all detects)	A	Field duplicates (RPD) (fd)
440-186397-1	PCDB-3-130.0-20170613 PCDB-3-130.0-20170613-FD	Chromium	J (all detects)	A	Field duplicates (RPD) (fd)
440-186637-1	RI-28-70.0-20170615 RI-28-70.0-20170615-FD	Chromium	J (all detects)	A	Field duplicates (RPD) (fd)
440-186720-1	RI-26-5.0-20170616 RI-26-5.0-20170616-FD	Boron Magnesium	J (all detects) J (all detects)	A	Field duplicates (RPD) (fd)

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Metals - Laboratory Blank Data Qualification Summary – SDGs 160-21233-1, 160-21254-1, 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-1, 440-179022-1, 440-179022-3, 440-179153-1, 440-179153-3, 440-179280-1, 440-179280-3, 440-179419-1, 440-179419-3, 440-179456-1, 440-179456-3, 440-179565-1, 440-179636-1, 440-179637-1, 440-179637-3, 440-179742-1, 440-180101-1, 440-180101-3, 440-180193-1, 440-180193-3, 440-180331-1, 440-180331-3, 440-180439-1, 440-180439-3, 440-180593-1, 440-180593-3, 440-180696-1, 440-180696-3, 440-180819-1, 440-180819-3, 440-180968-1, 440-181200-1, 440-181200-3, 440-181297-1, 440-181297-3, 440-181420-1, 440-181420-3, 440-181565-1, 440-181661-1, 440-181661-3, 440-181716-1, 440-181716-3, 440-181722-1, 440-181722-3, 440-181745-1, 440-181745-3, 440-181749-1, 440-181749-3, 440-181883-1, 440-182494-1, 440-182494-3, 440-182498-1, 440-182498-3, 440-182601-1, 440-182602-1, 440-182804-1,

440-182804-3, 440-182829-1, 440-182829-3, 440-182886-1, 440-182886-3, 440-182888-1, 440-182942-1, 440-182943-1, 440-182943-3, 440-183075-1, 440-183293-1, 440-183293-3, 440-183423-1, 440-183423-3, 440-183424-1, 440-183424-3, 440-183426-1, 440-183426-3, 440-183553-1, 440-183553-2, 440-183574-1, 440-183574-3, 440-183581-1, 440-183683-1, 440-183683-2, 440-183702-1, 440-183702-3, 440-183705-1, 440-183819-1, 440-183862-1, 440-184723-1, 440-184858-1, 440-184858-3, 440-184908-1, 440-184950-1, 440-184950-3, 440-185056-1, 440-185476-1, 440-185476-3, 440-185583-1, 440-185677-1, 440-185829-1, 440-185877-1, 440-186031-1, 440-186351-1, 440-186351-3, 440-186356-1, 440-186395-1, 440-186397-1, 440-186517-1, 440-186517-3, 440-186518-1, 440-186634-1, 440-186634-3, 440-186637-1, 440-186720-1, 440-186720-3, 440-186721-1, 440-186786-1, 440-186786-3, 440-186797-1, 440-186920-1, 440-187295-1, 440-187437-1, 440-187533-1, 440-187533-3, 440-187553-1, 440-187589-1, 440-187589-3, 440-187594-1, 440-187594-3

SDG	Sample	Analyte	Modified Final Concentration	A or P	Code
440-178172-1	RIDB-13-20.0-20170224	Lead	6.9J+ mg/Kg	A	bl
440-178172-1	RIDB-13-30.0-20170224-FD	Lead	9.0J+ mg/Kg	A	bl
440-178172-1	RIDB-10-10.0-20170224	Lead	8.2J+ mg/Kg	A	bl
440-178172-1	RIDB-10-20.0-20170224	Lead	7.3J+ mg/Kg	A	bl
440-178172-1	RIDB-14-30.0-20170223	Lead	4.2J mg/Kg	A	bl
440-178302-1	RIDB-6-0.5-20170225**	Tungsten	0.27J+ mg/Kg	A	bl
440-178302-1	RIDB-6-5.0-20170225**	Tungsten	0.035J+ mg/Kg	A	bl
440-178302-1	RIDB-6-5.0-20170225-FD**	Tungsten	0.37J+ mg/Kg	A	bl
440-182943-1	RI-2-10.0-20170425	Molybdenum	1.2J mg/Kg	A	bl

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Metals - Field Blank Data Qualification Summary – SDGs 160-21233-1, 160-21254-1, 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-1, 440-179022-1, 440-179022-3, 440-179153-1, 440-179153-3, 440-179280-1, 440-179280-3, 440-179419-1, 440-179419-3, 440-179456-1, 440-179456-3, 440-179565-1, 440-179636-1, 440-179637-1, 440-179637-3, 440-179742-1, 440-180101-1, 440-180101-3, 440-180193-1, 440-180193-3, 440-180331-1, 440-180331-3, 440-180439-1, 440-180439-3, 440-180593-1, 440-180593-3, 440-180696-1, 440-180696-3, 440-180819-1, 440-180819-3, 440-180968-1, 440-181200-1, 440-181200-3, 440-181297-1, 440-181297-3, 440-181420-1, 440-181420-3, 440-181565-1, 440-181661-1, 440-181661-3, 440-181716-1, 440-181716-3, 440-181722-1, 440-181722-3, 440-181745-1, 440-181745-3, 440-181749-1, 440-181749-3, 440-181883-1, 440-182494-1, 440-182494-3, 440-182498-1, 440-182498-3, 440-182601-1, 440-182602-1, 440-182804-1, 440-

182804-3, 440-182829-1, 440-182829-3, 440-182886-1, 440-182886-3, 440-182888-1, 440-182942-1, 440-182943-1, 440-182943-3, 440-183075-1, 440-183293-1, 440-183293-3, 440-183423-1, 440-183423-3, 440-183424-1, 440-183424-3, 440-183426-1, 440-183426-3, 440-183553-1, 440-183553-2, 440-183574-1, 440-183574-3, 440-183581-1, 440-183683-1, 440-183683-2, 440-183702-1, 440-183702-3, 440-183705-1, 440-183819-1, 440-183862-1, 440-184723-1, 440-184858-1, 440-184858-3, 440-184908-1, 440-184950-1, 440-184950-3, 440-185056-1, 440-185476-1, 440-185476-3, 440-185583-1, 440-185677-1, 440-185829-1, 440-185877-1, 440-186031-1, 440-186351-1, 440-186351-3, 440-186356-1, 440-186395-1, 440-186397-1, 440-186517-1, 440-186517-3, 440-186518-1, 440-186634-1, 440-186634-3, 440-186637-1, 440-186720-1, 440-186720-3, 440-186721-1, 440-186786-1, 440-186786-3, 440-186797-1, 440-186920-1, 440-187295-1, 440-187437-1, 440-187533-1, 440-187533-3, 440-187553-1, 440-187589-1, 440-187589-3, 440-187594-1, 440-187594-3

No Sample Data Qualified in these SDGs

ATTACHMENT I
Wet Chemistry DVR

Hexavalent Chromium by EPA Method 218.6 and SW846 Method 7199
Bromide, Chloride, Nitrate as N03, Nitrite as Nitrogen, Orthophosphate as Phosphorus, and Sulfate by Environmental Protection Agency (EPA) Method 300.0
Nitrate/Nitrite as Nitrogen by Calculation Method
Chlorate by EPA Method 300.1B
Perchlorate by EPA Method 314.0
Total Phosphorus by EPA Method 365.3
Alkalinity by Standard Method 2320B
Specific Conductance by Standard Method 2510B
Total Dissolved Solids by Standard Method 2540C
Cyanide by Standard Method 4500-CN E
Dissolved Organic Carbon by Standard Method 5310B
Sulfide by EPA SW 846 Method 9034
pH by EPA SW 846 Method 9040C

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met with the following exceptions:

SDG	Sample	Analyte	Total Time From Sample Collection Until Analysis	Required Holding Time From Sample Collection Until Analysis	Affected Analytes	Flag	A or P
440-183683-1	M-140D-20170504* M-66D-20170504* M-66D-20170504-FD* M-72D-20170504* M-22D-20170504* M-36D-20170504* M-36D-20170504-FB* M-14D-20170504*	pH	5 days	48 hours	pH	J (all detects)	P
440-183702-1	RI-22-50.0-20170504-EB*	Nitrate as NO_3 Nitrite as N	102.18 hours 102.18 hours	48 hours 48 hours	Nitrate as NO_3 Nitrite as N Nitrate/Nitrite as N	J- (all detects) R (all non-detects)	P

II. Initial Calibration

All criteria for the initial calibration of each method were met.

Initial calibration data were not reviewed for Stage 2A validation.

III. Continuing Calibration

Continuing calibration frequency and analysis criteria were met for each method when applicable with the exception of Hexavalent Chromium in SDGs 440-183574-1 and 440-183702-1, Nitrate as NO3 in SDG 440-186397-1 and Nitrite as Nitrogen in SDG 440-186721-1. No data were qualified due to percent recoveries (%R) or percent differences above the QC limits, since the associated results were not detected.

Continuing calibration data were not reviewed for Stage 2A validation.

IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks.

V. Field Blanks

Samples RIDB-10-10.0-20170224-EB* (from SDG 440-178097-1), RIDB-27-60.0-20170322-EB* (from SDG 440-178097-1), RIDB-1-30.0-20170308-EB* (from SDG 440-179153-1), RIDB-17-60.0-20170309-EB* (from SDG 440-179280-1), RIDB-3-70.0-20170310-EB* (from SDG 440-179419-1), and RIDB-18-10.0-20170314-EB* (from SDG 440-179637-1), RIDB-12-60.0-20170322-EB* (from SDG 440-180294-1), RIDB-12-60.0-20170322-EB* (from SDG 440-180331-1), RIDB-28-70.0-20170323-EB* (from SDG 440-180439-1), RIDB-22-40.0-20170327-EB* (from SDG 440-180696-1), RIDB-23-70.0-20170404-EB* (from SDG 440-181297-1), RI-5-60.0-20170405-EB* (from SDG 440-181420-1), RI-5-80.0-20170406-EB* (from SDG 440-181565-1), RI-20-100.0-20170410-EB* (from SDG 440-181745-1), RI-10-100.0-20170410-EB* (from SDG 440-181749-1), RI-24-120.0-20170419-EB* (from SDG 440-182602-1), RI-2-80.0-20170425-EB* (from SDG 440-182943-1), RI-13-50.0-20170502-EB* (from SDG 440-183424-1), M-222-20170503-EB* (from SDG 440-183553-1), RI-22-50.0-20170504-EB* (from SDG 440-183702-1), RI-12-90.0-20170504-EB* (from SDG 440-183705-1), RIDB-29-40.0-20170522-EB* (from SDG 440-184950-1), RI-23-60.0-20170531-EB* (from SDG 440-185476-1), PCDB-2-50.0-20170606-EB* (from SDG 440-185877-1), RI-17-30.0-20170612-EB* (from SDG 440-186351-1), RI-17-70.0-20170613-EB* (from SDG 440-186395-1), PCDB-3-90.0-20170613-EB* (from SDG 440-186397-1), RI-28-40.0-20170614-EB* (from SDG 440-186517-1), RI-17-120.0-20170614-EB* (from SDG 440-186518-1), RI-11-30.0-20170615-EB* (from SDG 440-186634-1), RI-28-100.0-20170615-EB*, and RI-28-120.0-20170615-EB* (both from SDG 440-186637-1) were identified as equipment blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Analyte	Concentration	Associated Samples
440-179280-1	RIDB-17-60.0-20170309-EB*	03/09/17	Perchlorate	14 ug/L	RIDB-17-60.0-20170309
440-182602-1	RI-24-120.0-20170419-EB*	04/19/17	Nitrate as NO3 Nitrate/Nitrite as N	2.0 mg/L 0.45 mg/L	RI-24-120.0-20170419
440-182943-1	RI-2-80.0-20170425-EB*	04/25/17	Nitrate as NO3 Nitrate/Nitrite as N	0.31 mg/L 0.071 mg/L	RI-2-80.0-20170425
440-183553-1	M-222-20170503-EB*	05/03/17	Specific conductance	1.5 umhos/cm	M-222-20170503*
440-183702-1	RI-22-50.0-20170504-EB*	05/04/17	Nitrate as NO_3	0.84 mg/L	RI-22-50.0-20170504

SDG	Blank ID	Collection Date	Analyte	Concentration	Associated Samples
440-186351-1	RI-17-30.0-20170612-EB*	06/12/17	Nitrate as NO3 Nitrate/Nitrite as N	8.0 mg/L 1.8 mg/L	RI-17-30.0-20170612
440-186395-1	RI-17-70.0-20170613-EB*	06/13/17	Nitrate as NO3 Nitrate/Nitrite as N	0.48 mg/L 0.11 mg/L	RI-17-70.0-20170613**

Sample M-36D-20170504-FB* (from SDG 440-183683-1) was identified as a field blank. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Analyte	Concentration	Associated Samples
440-183683-1	M-36D-20170504-FB*	05/04/17	Specific conductance Hexavalent chromium	2.2 umhos/cm 2.9 ug/L	M-36D-20170504*

Sample concentrations were compared to concentrations detected in the field blanks. The sample concentrations were either not detected or were significantly greater than the concentrations found in the associated field blanks with the following exceptions:

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
440-186351-1	RI-17-30.0-20170612	Nitrate as NO3 Nitrate/Nitrite as N	18 mg/Kg 4.1 mg/Kg	18J+ mg/Kg 4.1J+ mg/Kg

VI. Surrogates

Surrogates were added to all samples as required by EPA Method 300.1B. All surrogate recoveries (%R) were within QC limits with the following exceptions:

SDG	Sample	Surrogate	%R (Limits)	Affected Analyte	Flag	A or P
440-181297-1	RIDB-23-60.0-20170404	Dichloroacetic acid	0 (90-115)	Chlorate	J- (all detects)	P
440-181297-1	RIDB-23-60.0-20170404-FD	Dichloroacetic acid	0 (90-115)	Chlorate	J- (all detects)	P
440-183574-1	RI-12-10.0-20170503	Dichloroacetic acid	0 (90-115)	Chlorate	J- (all detects)	P
440-183574-1	RI-12-20.0-20170503	Dichloroacetic acid	0 (90-115)	Chlorate	J- (all detects)	P
440-184950-1	RIDB-29-40.0-20170522	Dichloroacetic acid	2 (90-115)	Chlorate	J- (all detects)	A
440-185476-1	RI-23-30.0-20170530	Dichloroacetic acid	0 (90-115)	Chlorate	J- (all detects)	P

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Analyte	Flag	A or P
440-177826-1	RIDB-8-5.0-20170222MS/MSD (RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222 RIDB-8-30.0-20170222-FD M-5D-52.0-20170222)	Hexavalent chromium	49 (55-110)	-	Hexavalent chromium	J- (all detects) UJ (all non-detects)	A
440-178172-1	RIDB-14-80.0-20170224MS/MSD (RIDB-14-80.0-20170224)	Nitrate as NO3	-	78 (80-120)	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) UJ (all non-detects)	A
440-178172-1	RIDB-9-90.0-20170223MS/MSD (RIDB-9-90.0-20170223)	Nitrite as N	-	78 (80-120)	Nitrite as N Nitrate/Nitrite as N	J- (all detects) J- (all detects)	A
440-178172-1	RIDB-9-90.0-20170223MS/MSD (RIDB-13-30.0-20170224 RIDB-13-40.0-20170224 RIDB-13-50.0-20170224 RIDB-13-60.0-20170224 RIDB-10-10.0-20170224 RIDB-14-30.0-20170223 RIDB-14-40.0-20170223 RIDB-14-40.0-20170223-FD RIDB-14-50.0-20170223 RIDB-14-60.0-20170223 RIDB-14-70.0-20170224 RIDB-9-90.0-20170223 RIDB-10-1.0-20170223 RIDB-10-30.0-20170224)	Perchlorate	68 (80-120)	75 (80-120)	Perchlorate	J- (all detects)	A
440-178302-1	RIDB-6-20.0-20170226MS** (RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226**)	Hexavalent chromium	41 (55-110)	-	Hexavalent chromium	J- (all detects) UJ (all non-detects)	A
440-178302-1	RIDB-6-20.0-20170226MS/MSD** (RIDB-13-70.0-20170224** RIDB-13-80.0-20170224** RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226**)	Nitrate as NO3	-	134 (80-120)	Nitrate as NO3 Nitrate/Nitrite as N	J+ (all detects) J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Analyte	Flag	A or P
440-179153-1	RIDB-1-10.0-20170308MS/MSD (RIDB-4-70.0-20170307 RIDB-4-80.0-20170307 RIDB-4-90-20170307 RIDB-1-5.0-20170308 RIDB-1-10.0-20170308 RIDB-1-20.0-20170308 RIDB-1-30.0-20170308 RIDB-20-10.0-20170308 RIDB-20-40.0-20170308 RIDB-20-50.0-20170308 RIDB-20-60.0-20170308)	Perchlorate	76 (80-120)	69 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-179153-1	RIDB-20-80.0-20170308MS/MSD (RIDB-20-80.0-20170308 RIDB-20-90.0-20170308)	Perchlorate	76 (80-120)	74 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-179280-1	RIDB-17-30.0-20170309MS/MSD (RIDB-17-30.0-20170309)	Nitrate as NO3	-	75 (80-120)	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) J- (all detects)	A
440-179280-1	RIDB-2-0.5-20170309MS/MSD (RIDB-1-60.0-20170308 RIDB-1-70.0-20170308 RIDB-1-80.0-20170308 RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-2-40.0-20170309 RIDB-2-50.0-20170309 RIDB-2-60.0-20170309 RIDB-2-70.0-20170309 RIDB-2-80.0-20170309 RIDB-2-90.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD)	Perchlorate	71 (80-120)	78 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-179280-1	RIDB-20-80.0-20170308MS/MSD (RIDB-1-90.0-20170308)	Perchlorate	76 (80-120)	74 (80-120)	Perchlorate	J- (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Analyte	Flag	A or P
440-179419-1	RIDB-15-40.0-20170310MS/MSD (RIDB-3-0.5-20170310 RIDB-3-5.0-20170310 RIDB-3-10.0-20170310 RIDB-3-20.0-20170310 RIDB-3-30.0-20170310 RIDB-3-40.0-20170310 RIDB-3-50.0-20170310 RIDB-3-60.0-20170310 RIDB-3-60.0-20170310-FD RIDB-3-70.0-20170310 RIDB-3-80.0-20170310 RIDB-3-90.0-20170310 RIDB-17-70.0-20170309 RIDB-17-80.0-20170309 RIDB-17-90.0-20170309 RIDB-15-1.0-20170310 RIDB-15-5.0-20170310 RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310 RIDB-15-40.0-20170310 RIDB-15-50.0-20170310)	Nitrate as NO3	-	73 (80-120)	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
440-179419-1	RIDB-5-0.5-20170311MS (RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310)	Hexavalent chromium	48 (55-110)	-	Hexavalent chromium	J- (all detects) UJ (all non-detects)	A
440-179456-1	RI-16-70.0-20170312MS/MSD (RI-16-70.0-20170312)	Chlorate	-	183 (75-125)	Chlorate	J+ (all detects)	A
440-179456-1	RI-16-70.0-20170312MS/MSD (RI-16-40.0-20170312 RI-16-70.0-20170312 RI-16-80.0-20170312 RI-16-80.0-20170312-FD RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312 RIDB-7-40.0-20170312 RIDB-7-50.0-20170312 RIDB-7-60.0-20170312)	Perchlorate	3 (80-120)	31 (80-120)	Perchlorate	J- (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Analyte	Flag	A or P
440-179456-1	RIDB-5-70.0-20170311MS/MSD (RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RIDB-5-40.0-20170311 RIDB-5-50.0-20170311 RIDB-5-60.0-20170311 RIDB-5-70.0-20170311 RIDB-5-80.0-20170311 RIDB-5-90.0-20170311 RIDB-15-60.0-20170311 RIDB-15-70.0-20170311 RIDB-15-80.0-20170311 RIDB-15-80.0-20170311-FD RIDB-15-90.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312)	Perchlorate	77 (80-120)	77 (80-120)	Perchlorate	J- (all detects)	A
440-179456-1	RIDB-5-.0.5-20170311MS (RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312)	Hexavalent chromium	48 (55-110)	-	Hexavalent chromium	J- (all detects) UJ (all non-detects)	A
440-179742-1	RIDB-18-90.0-20170315MS/MSD (RIDB-18-90.0-20170315)	Perchlorate	-	75 (80-120)	Perchlorate	J- (all detects)	A
440-180331-1	RIDB-27-30.0-20170321MS (RIDB-12-1.0-20170321 RIDB-12-5.0-20170321 RIDB-12-10.0-20170322 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321 RIDB-27-20.0-20170321 RIDB-27-30.0-20170321)	Hexavalent chromium	52 (55-110)	-	Hexavalent chromium	J- (all detects) UJ (all non-detects)	A
440-180593-1	RIDB-27-30.0-20170321MS/MSD (RIDB-24-1.0-20170323 RIDB-24-5.0-20170323 RIDB-26-1.0-2017032 RIDB-26-5.0-20170323)	Hexavalent chromium	52 (55-110)	-	Hexavalent chromium	UJ (all non-detects)	A
440-180819-1	RIDB-21-40.0-20170328MS/MSD (RIDB-21-40.0-20170328)	Nitrate as NO3	76 (80-120)	-	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) J- (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Analyte	Flag	A or P
440-180819-1	RIDB-21-70.0-20170328MS/MSD (RIDB-22-60.0-20170327 RIDB-22-70.0-20170327 RIDB-21-1.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328 RIDB-21-50.0-20170328 RIDB-21-50.0-20170328-FD)	Nitrate as NO3	-	124 (80-120)	Nitrate as NO3 Nitrate/Nitrite as N	J+ (all detects) J+ (all detects)	A
440-180968-1	RIDB-21-80.0-20170328MS/MSD (All samples in SDG 440-180968-1)	Perchlorate	71 (80-120)	76 (80-120)	Perchlorate	J- (all detects)	A
440-181297-1	RIDB-23-90.0-20170404MS/MSD (RIDB-23-30.0-20170404 RIDB-23-40.0-20170404 RIDB-23-50.0-20170404 RIDB-23-60.0-20170404 RIDB-23-60.0-20170404-FD RIDB-23-70.0-20170404 RIDB-23-80.0-20170404 RIDB-23-90.0-20170404)	Chlorate	507 (75-125)	505 (75-125)	Chlorate	J+ (all detects)	A
440-181565-1	RIBD-21-1.0-20170328MS/MSD (RI-5-80.0-20170406 RI-5-90.0-20170406 RI-5-100.0-20170406)	Nitrate as NO3	76 (80-120)	-	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
440-181661-1	RI-9-5.0-20170407MS/MSD (RI-9-5.0-20170407)	Perchlorate	172 (80-120)	162 (80-120)	Perchlorate	J+ (all detects)	A
440-181716-1	RI-7-100.0-20170409MS/MSD (RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408 RI-7-40.0-20170408 RI-7-50.0-20170408 RI-7-60.0-20170408 RI-7-70.0-20170409 RI-7-80.0-20170409 RI-7-90.0-20170409 RI-7-95.0-20170409 RI-7-100.0-20170409)	Perchlorate	65 (80-120)	68 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-181722-1	RI-9-50.0-20170408MS/MSD (RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-9-40.0-20170408 RI-9-50.0-20170408 RI-9-60.0-20170408 RI-9-70.0-20170408 RI-9-80.0-20170408 RI-9-90.0-20170408 RI-9-100.0-20170409)	Perchlorate	139 (80-120)	129 (80-120)	Perchlorate	J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Analyte	Flag	A or P
440-181722-1	RI-10-5.0-20170409MS/MSD (RI-9-110.0-20170409 RI-9-110.0-20170409-FD RI-9-120.0-20170409 RI-9-130.0-20170409 RI-10-5.0-20170409 RI-10-10.0-20170409)	Perchlorate	-	75 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-181749-1	RI-10-5.0-20170409MS/MSD (RI-10-20.0-20170410 RI-10-30.0-20170410 RI-10-40.0-20170410 RI-10-50.0-20170410 RI-10-60.0-20170410 RI-10-70.0-20170410 RI-10-70.0-20170410-FD RI-10-80.0-20170410 RI-10-90.0-20170410 RI-10-100.0-20170410 RI-10-110.0-20170410)	Perchlorate	-	75 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-181749-1	RI-10-30.0-20170410MS/MSD (RI-10-20.0-20170410 RI-10-30.0-20170410)	Hexavalent chromium (insoluble)	26 (55-110)	-	Hexavalent chromium (insoluble)	UJ (all non-detects)	A
440-182494-1	RI-24-1.0-20170418MS/MSD (RI-24-1.0-20170418 RI-24-5.0-20170418 RI-24-10.0-20170418 RI-24-20.0-20170418 RI-24-30.0-20170418 RI-24-40.0-20170418 RI-24-50.0-20170418 RI-24-60.0-20170418 RI-24-70.0-20170418 RI-24-80.0-20170418 RI-24-90.0-20170418 RI-24-90.0-20170418-FD)	Perchlorate	56 (80-120)	67 (80-120)	Perchlorate	J- (all detects)	A
440-182498-1	RI-25-90.0-20170418MS/MSD (RI-25-5.0-20170417 RI-25-20.0-20170418 RI-25-30.0-20170418 RI-25-40.0-20170418 RI-25-50.0-20170418 RI-25-60.0-20170418 RI-25-70.0-20170418 RI-25-80.0-20170418 RI-25-80.0-20170418-FD RI-25-90.0-20170418)	Chlorate	184 (75-125)	148 (75-125)	Chlorate	J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Analyte	Flag	A or P
440-182601-1	RI-25-95.0-20170418MS/MSD (RI-25-95.0-20170418 RI-25-100.0-20170418 RI-25-105.0-20170419 RI-25-110.0-20170419 RI-25-115.0-20170419 RI-25-120.0-20170419 RI-25-125.0-20170419 RI-25-130.0-20170419 RI-25-135.0-20170419 RI-25-140.0-20170419 RI-25-145.0-20170419 RI-25-150.0-20170419)	Perchlorate	76 (80-120)	74 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-182602-1	RI-24-110.0-20170419MS/MSD (RI-24-95.0-20170419 RI-24-100.0-20170419 RI-24-105.0-20170419 RI-24-110.0-20170419 RI-24-115.0-20170419 RI-24-120.0-20170419 RI-24-125.0-20170419 RI-24-130.0-20170419 RI-24-135.0-20170419 RI-24-140.0-20170419 RI-24-145.0-20170419 RI-24-150.0-20170419)	Perchlorate	69 (80-120)	72 (80-120)	Perchlorate	UJ (all non-detects)	A
440-183426-1	RI-13-5.0-20170502MS (RIDB-16-5.0-20170502)	Hexavalent chromium (insoluble)	140 (55-110)	NA	Hexavalent chromium (insoluble)	J+ (all detects)	A
440-183553-1	M-221-20170503MS/MSD* (M-201-20170503* M-222-20170503*)	Nitrate as NO_3	-	123 (80-120)	Nitrate as NO_3 Nitrate/Nitrite as N	J+ (all detects) J+ (all detects)	A
440-183553-1	M-222-20170503MS/MSD* (M-81D-20170503* M-219-20170503* M-215-20170503* M-201-20170503* M-221-20170503* M-222-20170503*)	Hexavalent chromium	87 (90-110)	85 (90-110)	Hexavalent chromium	J- (all detects)	A
440-183553-1	M-222-20170503MS/MSD* (M-81D-20170503* M-219-20170503* M-215-20170503* M-221-20170503*)	Nitrate as NO_3	154 (80-120)	-	Nitrate as NO_3 Nitrate/Nitrite as N	J+ (all detects) J+ (all detects)	A
440-183574-1	RI-12-10.0-20170503MS/MSD (RI-12-10.0-20170503)	Nitrite as N	127 (80-120)	126 (80-120)	Nitrite as N Nitrate/Nitrite as N	J+ (all detects) J+ (all detects)	A
440-183574-1	RI-12-10.0-20170503MS (RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD)	Hexavalent chromium (insoluble)	46 (55-110)	NA	Hexavalent chromium (insoluble)	J- (all detects) UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Analyte	Flag	A or P
440-183683-1	M-140D-20170504MS/MSD* (M-140D-20170504* M-66D-20170504* M-66D-20170504-FD* M-72D-20170504* M-22D-20170504* M-36D-20170504* M-14D-20170504*)	Orthophosphate as P	42 (80-120)	42 (80-120)	Orthophosphate as P	UJ (all non-detects)	A
440-183702-1	M-244-130.0-20170506MS/MSD (RI-22-50.0-20170504 RI-22-50.0-20170504-FD RI-22-60.0-20170504)	Perchlorate	71 (80-120)	71 (80-120)	Perchlorate	J- (all detects)	A
440-183819-1	RI-22-70.0-20170504MS/MSD (All samples in SDG 440-183819-1)	Perchlorate	24 (80-120)	17 (80-120)	Perchlorate	J- (all detects) R (all non-detects)	A
440-183819-1	RI-22-70.0-20170504MS/MSD (RI-22-70.0-20170504 RI-22-100.0-20170505 RI-22-110.0-20170505 RI-22-120.0-20170505 RI-22-120.0-20170505-FD RI-22-130.0-20170505)	Chlorate	31 (75-125)	47 (75-125)	Chlorate	J- (all detects) UJ (all non-detects)	A
440-183819-1	RI-22-110.0-20170505MS/MSD (All samples in SDG 440-183819-1)	Perchlorate	29 (80-120)	44 (80-120)	Perchlorate	J- (all detects) R (all non-detects)	A
440-183862-1	M-244-110.0-20170506MS/MSD (All samples in SDG 440-183862-1)	Perchlorate	72 (80-120)	72 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-183862-1	M-244-130.0-20170506MS/MSD (All samples in SDG 440-183862-1)	Perchlorate	71 (80-120)	71 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-184723-1	RI-23-2.0-20170517MS (All samples in SDG 440-184723-1)	Hexavalent chromium (insoluble)	52 (55-110)	NA	Hexavalent chromium (insoluble)	UJ (all non-detects)	A
440-184858-1	RI-23-2.0-20170517MS (All samples in SDG 440-184858-1)	Hexavalent chromium (insoluble)	52 (55-110)	NA	Hexavalent chromium (insoluble)	UJ (all non-detects)	A
440-184908-1	RI-27-60.0-20170520MS/MSD (RI-27-50.0-20170519 RI-27-50.0-20170519-FD RI-27-60.0-20170520 RI-27-70.0-20170520 RI-27-80.0-20170520 RI-27-80.0-20170520-FD RI-27-90.0-20170520 RI-27-95.0-20170520 RI-27-100.0-20170520)	Perchlorate	73 (30-120)	-	Perchlorate	J- (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Analyte	Flag	A or P
440-184908-1	RI-27-140.0-20170521MS/MSD (RI-27-105.0-20170520 RI-27-110.0-20170520 RI-27-115.0-20170520 RI-27-120.0-20170520 RI-27-125.0-20170521 RI-27-125.0-20170521-FD RI-27-130.0-20170521 RI-27-135.0-20170521 RI-27-140.0-20170521 RI-27-145.0-20170521 RI-27-150.0-20170521)	Perchlorate	71 (80-120)	71 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-185056-1	RIDB-29-80.0-20170523MS/MSD** (All samples in SDG 440-185056-1)	Perchlorate	76 (80-120)	75 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-185583-1	RI-23-110.0-20170531MS/MSD (All samples in SDG 440-185583-1)	Perchlorate	74 (80-120)	77 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-185677-1	PCDB-1-50.0-20170603MS/MSD (PCDB-1-5.0-20170602 PCDB-1-20.0-20170603 PCDB-1-30.0-20170603 PCDB-1-40.0-20170603 PCDB-1-50.0-20170603 PCDB-1-60.0-20170603 PCDB-1-70.0-20170603 PCDB-1-80.0-20170603 PCDB-1-90.0-20170603 PCDB-1-100.0-20170604 PCDB-1-110.0-20170604 PCDB-1-110.0-20170604-FD PCDB-1-120.0-20170604 PCDB-1-130.0-20170604 PCDB-1-140.0-20170604)	Perchlorate	79 (80-120)	79 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-185677-1	PCDB-1-130.0-20170604MS/MSD (All samples in SDG 440-185677-1)	Nitrate as NO3	76 (80-120)	77 (80-120)	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
440-185877-1	PCDB-2-90.0-20170606MS/MSD** (All soil samples in SDG 440-185877-1)	Perchlorate	15 (80-120)	47 (80-120)	Perchlorate	J- (all detects) R (all non-detects)	A
440-186031-1	PCDB-2-90.0-20170606MS/MSD** (All samples in SDG 440-186031-1)	Perchlorate	15 (80-120)	47 (80-120)	Perchlorate	J- (all detects) R (all non-detects)	A
440-186351-1	RI-17-5.0-20170612MS (RI-17-5.0-20170612 RI-17-10.0-20170612 RI-17-20.0-20170612 RI-17-30.0-20170612)	Hexavalent chromium (insoluble)	38 (55-110)	NA	Hexavalent chromium (insoluble)	J- (all detects) UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Analyte	Flag	A or P
440-186397-1	PCDB-3-110.0-20170613MS/MSD (All soil samples in SDG 440-186397-1)	Perchlorate Chlorate	59 (80-120) 74 (75-125)	58 (80-120) 71 (75-125)	Perchlorate Chlorate	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
440-186517-1	RI-17-135.0-20170614MS/MSD (RI-28-10.0-20170614 RI-28-20.0-20170614 RI-28-30.0-20170614 RI-28-40.0-20170614 RI-28-50.0-20170614)	Perchlorate	75 (80-120)	70 (80-120)	Perchlorate	J- (all detects)	A
440-186517-1	RI-28-140.0-20170615MS/MSD (RI-28-1.0-20170614)	Perchlorate	68 (80-120)	68 (80-120)	Perchlorate	J- (all detects)	A
440-186517-1	RI-28-1.0-20170614MS (RI-28-1.0-20170614 RI-28-20.0-20170614 RI-28-30.0-20170614 RI-28-40.0-20170614)	Hexavalent chromium (insoluble)	51 (55-110)	NA	Hexavalent chromium (insoluble)	J- (all detects) UJ (all non-detects)	A
440-186518-1	RI-17-135.0-20170614MS/MSD (All soil samples in SDG 440-186518-1)	Perchlorate	75 (80-120)	70 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-186634-1	RI-28-90.0-20170615MS/MSD (RI-17-140.0-20170614** RI-17-150.0-20170614** RI-11-5.0-20170615** RI-11-10.0-20170615** RI-11-20.0-20170615** RI-11-30.0-20170615** RI-11-40.0-20170615**)	Perchlorate	183 (80-120)	187 (80-120)	Perchlorate	J+ (all detects)	A
440-186634-1	RI-28-1.0-20170614MS/MSD (RI-11-5.0-20170615** RI-11-10.0-20170615** RI-11-20.0-20170615** RI-11-30.0-20170615**)	Hexavalent chromium (insoluble)	51 (55-110)	NA	Hexavalent chromium (insoluble)	UJ (all non-detects)	A
440-186637-1	RI-28-90.0-20170615MS/MSD (RI-28-60.0-20170614 RI-28-70.0-20170615 RI-28-70.0-20170615-FD RI-28-80.0-20170615 RI-28-90.0-20170615 RI-28-95.0-20170615 RI-28-100.0-20170615 RI-28-105.0-20170615 RI-28-110.0-20170615 RI-28-120.0-20170615)	Perchlorate	183 (80-120)	187 (80-120)	Perchlorate	J+ (all detects)	A
440-186637-1	RI-28-140.0-20170615MS/MSD (RI-28-130.0-20170615 RI-28-130.0-20170615-FD RI-28-135.0-20170615)	Perchlorate	68 (80-120)	68 (80-120)	Perchlorate	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Analyte	Flag	A or P
440-186637-1	RI-28-90.0-20170615MS/MSD (All soil samples in SDG 440-186637-1)	Nitrate as NO3	78 (80-120)	-	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
440-186720-1	RI-11-110.0-20170616MS/MSD (RI-26-5.0-20170616 RI-26-5.0-20170616-FD)	Perchlorate	72 (80-120)	79 (80-120)	Perchlorate	J- (all detects)	A
440-186720-1	RI-28-140.0-20170615MS/MSD (RI-28-140.0-20170615 RI-28-145.0-20170615 RI-28-150.0-20170615 RI-26-1.0-20170616 RI-26-10.0-20170616 RI-26-20.0-20170616)	Perchlorate	68 (80-120)	68 (80-120)	Perchlorate	J- (all detects) UJ (all non-detects)	A
440-186720-1	RI-28-1.0-20170614MS (RI-26-1.0-20170616 RI-26-5.0-20170616 RI-26-5.0-20170616-FD RI-26-10.0-20170616 RI-26-20.0-20170616)	Hexavalent chromium (insoluble)	51 (55-110)	NA	Hexavalent chromium (insoluble)	UJ (all non-detects)	A
440-186721-1	RI-11-110.0-20170616-FDMS/MSD (RI-11-60.0-20170616 RI-11-60.0-20170616-FD RI-11-110.0-20170616 RI-11-110.0-20170616-FD)	Perchlorate	72 (80-120)	79 (80-120)	Perchlorate	J- (all detects)	A
440-186721-1	RI-28-140.0-20170615MS/MSD (RI-11-50.0-20170615 RI-11-70.0-20170616)	Perchlorate	68 (80-120)	68 (80-120)	Perchlorate	J- (all detects)	A
440-186786-1	RI-26-130.0-20170618MS/MSD (RI-26-130.0-20170618 RI-26-135.0-20170618 RI-26-140.0-20170618 RI-26-140.0-20170618-FD RI-26-145.0-20170618 RI-26-150.0-20170618)	Perchlorate	-77 (80-120)	-72 (80-120)	Perchlorate	J- (all detects) R (all non-detects)	A
440-186797-1	RI-26-130.0-20170618MS/MSD (All samples in SDG 440-186797-1)	Perchlorate	-77 (80-120)	-72 (80-120)	Perchlorate	J- (all detects)	A
440-187533-1	RI-3-5.0-20170629MS/MSD (All samples in SDG 440-187533-1)	Perchlorate	67 (80-120)	66 (80-120)	Perchlorate	J- (all detects)	A
440-187553-1	RI-3-80.0-20170629MS/MSD (All samples in SDG 440-187553-1)	Perchlorate	63 (80-120)	-	Perchlorate	J- (all detects) UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Affected Analyte	Flag	A or P
440-187589-1	RI-4-5.0-20170630MS (All samples in SDG 440-187589-1)	Hexavalent chromium	38 (55-110)	NA	Hexavalent chromium	UJ (all non-detects)	A
440-187594-1	RI-4-5.0-20170630MS (RI-4-10.0-20170630 RI-4-20.0-20170630 RI-4-30.0-20170630 RI-4-30.0-20170630-FD RI-4-40.0-20170630)	Hexavalent chromium	38 (55-110)	NA	Hexavalent chromium	UJ (all non-detects)	A

Relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Analyte	RPD (Limits)	Affected Analyte	Flag	A or P
440-178302-1	RIDB-6-20.0-20170226MSD/MSD** (RIDB-10-90.0-20170225** RIDB-13-70.0-20170224** RIDB-13-80.0-20170224** RIDB-13-90.0-20170224** RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226** RIDB-6-40.0-20170226** RIDB-6-50.0-20170226** RIDB-6-60.0-20170226**)	Nitrate as NO3 Nitrite as N	24 (≤20) 30 (≤20)	Nitrate as NO3 Nitrite as N Nitrate/Nitrite as N	J (all detects) UJ (all non-detects)	A
440-179456-1	RIDB-7-50.0-20170312MS/MSD (RIDB-7-20.0-20170312 RIDB-7-30.0-20170312 RIDB-7-40.0-20170312 RIDB-7-50.0-20170312 RIDB-7-60.0-20170312 RIDB-7-70.0-20170312 RIDB-7-80.0-20170312 RIDB-7-90.0-20170312)	Nitrate as NO3	22 (≤20)	Nitrate as NO3 Nitrate/Nitrite as N	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A
440-179456-1	RIDB-7-50.0-20170312MS/MSD (RI-16-40.0-20170312 RI-16-70.0-20170312 RI-16-80.0-20170312 RI-16-80.0-20170312-FD RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312 RIDB-7-40.0-20170312 RIDB-7-50.0-20170312 RIDB-7-60.0-20170312)	Perchlorate	21 (≤20)	Perchlorate	J (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	RPD (Limits)	Affected Analyte	Flag	A or P
440-180819-1	RIDB-21-70.0-20170328MS/MSD (RIDB-22-60.0-20170327 RIDB-22-70.0-20170327 RIDB-22-80.0-20170327 RIDB-22-90.0-20170327 RIDB-21-1.0-20170328 RIDB-21-5.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328 RIDB-21-50.0-20170328 RIDB-21-50.0-20170328-FD RIDB-21-60.0-20170328 RIDB-21-70.0-20170328)	Nitrate as NO3	21 (≤20)	Nitrate as NO3 Nitrate/Nitrite as N	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A
440-181716-1	RI-7-95.0-20170409MS/MSD (RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408 RI-7-40.0-20170408 RI-7-50.0-20170408 RI-7-60.0-20170408 RI-7-70.0-20170409 RI-7-80.0-20170409 RI-7-90.0-20170409 RI-7-95.0-20170409 RI-7-100.0-20170409)	Chlorate	27 (≤20)	Chlorate	J (all detects)	A
440-183553-1	M-221-20170503MS/MSD* (M-222-20170503*)	Orthophosphate as P	21 (≤20)	Orthophosphate as P	UJ (all non-detects)	A
440-185877-1	PCDB-2-90.0-20170606MS/MSD** (All samples in SDG 440-185877-1)	Perchlorate	102 (≤20)	Perchlorate	J (all detects) UJ (all non-detects)	A
440-186031-1	PCDB-2-90.0-20170606MS/MSD** (All samples in SDG 440-186031-1)	Perchlorate	102 (≤20)	Perchlorate	J (all detects) UJ (all non-detects)	A
440-187553-1	RI-3-80.0-20170629MS/MSD (All samples in SDG 440-187553-1)	Perchlorate	24 (≤20)	Perchlorate	J (all detects) UJ (all non-detects)	A

VIII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

IX. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the methods. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

X. Field Duplicates

Samples RIDB-8-30.0-20170222 and RIDB-8-30.0-20170222-FD (both from SDG 440-177826-1), samples RIDB-9-50.0-20170223** and RIDB-9-50.0-20170223-FD** (both from SDG 440-178027-1), samples RIDB-13-30.0-20170224 and RIDB-13-30.0-20170224-FD (both from SDG 440-178172-1), samples RIDB-14-40.0-20170223 and RIDB-14-40.0-20170223-FD (both from SDG 440-178172-1), samples RIDB-10-80.0-20170225** and RIDB-10-80.0-20170225-FD** (both from SDG 440-178302-1), samples RIDB-6-5.0-20170225** and RIDB-6-5.0-20170225-FD** (both from SDG 440-178302-1), samples RIDB-4-10.0-20170307 and RIDB-4-10.0-20170307-FD (both from SDG 440-179022-1), samples RIDB-1-50.0-20170308 and RIDB-1-50.0-20170308-FD (both from SDG 440-179153-1), samples RIDB-20-30.0-20170308 and RIDB-20-30.0-20170308-FD (both from SDG 440-179153-1), samples RIDB-2-20.0-20170309 and RIDB-2-20.0-20170309-FD (both from SDG 440-179280-1), samples RIDB-17-30.0-20170309 and RIDB-17-30.0-20170309-FD (both from SDG 440-179280-1), samples RIDB-3-60.0-20170310 and RIDB-3-60.0-20170310-FD (both from SDG 440-179419-1), samples RIDB-5-5.0-20170311 and RIDB-5-5.0-20170311-FD (both from SDG 440-179456-1), samples RIDB-11-70.0-20170321 and RIDB-11-70.0-20170321-FD (both from SDG 440-180193-1), samples RIDB-19-60.0-20170321 and RIDB-19-60.0-20170321-FD (both from SDG 440-180193-1), samples RIDB-12-50.0-20170322 and RIDB-12-50.0-20170322-FD (both from SDG 440-180331-1), samples RIDB-27-50.0-20170322 and RIDB-27-50.0-20170322-FD (both from SDG 440-180331-1), samples RIDB-28-10.0-20170323 and RIDB-28-10.0-20170323-FD (both from SDG 440-180439-1), samples RIDB-25-60.0-20170323 and RIDB-25-60.0-20170323-FD (both from SDG 440-180439-1), RIDB-24-70.0-20170324 and RIDB-24-70.0-20170324-FD (both from SDG 440-180593-1), samples RIDB-26-50.0-20170324 and RIDB-26-50.0-20170324-FD (both from SDG 440-180593-1), samples RIDB-22-1.0-20170327 and RIDB-22-1.0-20170327-FD (both from SDG 440-180696-1), samples RIDB-21-50.0-20170328 and RIDB-21-50.0-20170328-FD (both from SDG 440-180819-1)samples RIDB-15-80.0-20170311 and RIDB-15-80.0-20170311-FD (both from SDG 440-179456-1), samples RI-16-80.0-20170312 and RI-16-80.0-20170312-FD (both from SDG 440-179456-1), samples RIDB-7-0.5-20170312 and RIDB-7-0.5-20170312-FD (both from SDG 440-179456-1), samples RIDB-18-30.0-20170314 and RIDB-18-30.0-20170314-FD (both from SDG 440-179637-1), samples RIDB-23-60.0-20170404 and RIDB-23-60.0-20170404-FD (both from SDG 440-181297-1), samples RI-5-40.0-20170405** and RI-5-40.0-20170405-FD** (both from SDG 440-181420-1), samples RI-5-120.0-20170407 and RI-5-120.0-20170407-FD (both from SDG 440-181661-1), samples RI-7-20.0-20170408 and RI-7-20.0-20170408-FD (both from SDG 440-181716-1), samples RI-9-110.0-20170409 and RI-9-110.0-20170409-FD (both from SDG 440-181722-1), samples RI-20-100.0-20170410 and RI-20-100.0-20170410-FD (both from SDG 440-181745-1), samples RI-10-70.0-20170410 and RI-10-70.0-20170410-FD (both from SDG 440-181749-1), samples RI-24-90.0-20170418 and RI-24-90.0-20170418-FD (both from SDG 440-182494-1), samples RI-25-80.0-20170418 and RI-25-80.0-20170418-FD (both from SDG 440-182498-1), samples RI-21-60.0-20170422 and RI-21-60.0-20170422-FD (both from SDG 440-182804-1), samples RI-8-10.0-20170422 and RI-8-10.0-20170422-FD (both from SDG 440-182829-1), samples RI-1-50.0-20170424 and RI-1-50.0-20170424-FD (both from SDG 440-182886-1), samples RI-2-90.0-20170425 and RI-2-90.0-20170425-FD (both from SDG 440-182943-1), samples M-65D-20170502* and M-65D-20170502-FD* (both from SDG 440-183423-1), samples

RI-13-40.0-20170502 and RI-13-40.0-20170502-FD (both from SDG 440-183424-1), samples RIDB-16-50.0-20170502 and RIDB-16-50.0-20170502-FD (both from SDG 440-183426-1), samples RI-12-30.0-20170503 and RI-12-30.0-20170503-FD (both from SDG 440-183574-1), samples RI-13-110.0-20170503 and RI-13-110.0-20170503-FD (both from SDG 440-183581-1), samples M-66D-20170504* and M-66D-20170504-FD* (both from SDG 440-183683-1), samples RI-22-50.0-20170504 and RI-22-50.0-20170504-FD (both from SDG 440-183702-1), samples RI-12-140.0-20170504** and RI-12-140.0-20170504-FD** (both from SDG 440-183705-1), samples RI-22-80.0-20170504 and RI-22-80.0-20170504-FD (both from SDG 440-183819-1), samples RI-22-120.0-20170505 and RI-22-120.0-20170505-FD (both from SDG 440-183819-1), samples RI-22-145.0-20170505 and RI-22-145.0-20170505-FD (both from SDG 440-183819-1), samples M-244-90.0-20170506 and M-244-90.0-20170506-FD (both from SDG 440-183862-1), samples RI-27-50.0-20170519 and RI-27-50.0-20170519-FD (both from SDG 440-184908-1), samples RI-27-80.0-20170520 and RI-27-80.0-20170520-FD (both from SDG 440-184908-1), samples RI-27-125.0-20170521 and RI-27-125.0-20170521-FD (both from SDG 440-184908-1), samples RIDB-29-50.0-20170522 and RIDB-29-50.0-20170522-FD (both from SDG 440-184950-1), samples RIDB-29-70.0-20170523** and RIDB-29-70.0-20170523-FD** (both from SDG 440-185056-1), samples RI-23-80.0-20170531 and RI-23-80.0-20170531-FD (both from SDG 440-185476-1), samples RI-23-110.0-20170531 and RI-23-110.0-20170531-FD (both from SDG 440-185583-1), samples RI-23-140.0-20170601 and RI-23-140.0-20170601-FD (both from SDG 440-185583-1), samples PCDB-1-10.0-20170603 and PCDB-1-10.0-20170603-FD (both from SDG 440-185677-1), samples PCDB-1-110.0-20170604 and PCDB-1-110.0-20170604-FD (both from SDG 440-185677-1), samples PCDB-2-50.0-20170606** and PCDB-2-50.0-20170606-FD** (both from SDG 440-185877-1), samples PCDB-2-130.0-20170606 and PCDB-2-130.0-20170606-FD (both from SDG 440-186031-1), samples PCDB-3-30.0-20170612 and PCDB-3-30.0-20170612-FD (both from SDG 440-186356-1), samples RI-17-50.0-20170613** and RI-17-50.0-20170613-FD** (both from SDG 440-186395-1), samples PCDB-3-100.0-20170613 and PCDB-3-100.0-20170613-FD (both from SDG 440-186397-1), samples PCDB-3-130.0-20170613 and PCDB-3-130.0-20170613-FD (both from SDG 440-186397-1), samples RI-17-100.0-20170614 and RI-17-100.0-20170614-FD (both from SDG 440-186518-1), samples RI-28-70.0-20170615 and RI-28-70.0-20170615-FD (both from SDG 440-186637-1), samples RI-28-130.0-20170615 and RI-28-130.0-20170615-FD (both from SDG 440-186637-1), samples RI-26-5.0-20170616 and RI-26-5.0-20170616-FD (both from SDG 440-186720-1), samples RI-11-60.0-20170616 and RI-11-60.0-20170616-FD (both from SDG 440-186721-1), samples RI-11-95.0-20170616 and RI-11-95.0-20170616-FD (both from SDG 440-186721-1), samples RI-11-110.0-20170616 and RI-11-110.0-20170616-FD (both from SDG 440-186721-1), samples RI-11-130.0-20170616 and RI-11-130.0-20170616-FD (both from SDG 440-186721-1), samples RI-26-70.0-20170617 and RI-26-70.0-20170617-FD (both from SDG 440-186786-1), samples RI-26-110.0-20170617 and RI-26-110.0-20170617-FD (both from SDG 440-186786-1), samples RI-26-140.0-20170618 and RI-26-140.0-20170618-FD (both from SDG 440-186786-1), samples RI-2-130.0-20170628 and RI-2-130.0-20170628-FD (both from SDG 440-187437-1), samples RI-3-40.0-20170629 and RI-3-40.0-20170629-FD (both from SDG 440-187533-1), samples RI-3-120.0-20170630 and RI-3-120.0-20170630-FD (both from SDG 440-187553-1), samples RI-4-30.0-20170630 and RI-4-30.0-20170630-FD (both from SDG 440-187594-1), and samples RI-4-120.0-20170701 and RI-4-120.0-20170701-FD (both from SDG 440-187594-1)

were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-8-30.0-20170222	RIDB-8-30.0-20170222-FD			
440-177826-1	Chlorate	51	52	2 (≤50)	-	-
	Nitrate as NO3	79	92	15 (≤50)	-	-
	Nitrate/Nitrite as N	18	21	15 (≤50)	-	-
	Perchlorate	32	33	3 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-9-50.0-20170223**	RIDB-9-50.0-20170223-FD**			
440-178027-1	Chlorate	1600	1500	6 (≤50)	-	-
	Nitrate as NO3	67	47	35 (≤50)	-	-
	Nitrate/Nitrite as N	15	11	31 (≤50)	-	-
	Perchlorate	280	180	43 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-13-30.0-20170224	RIDB-13-30.0-20170224-FD			
440-178172-1	Chlorate	660	700	6 (≤50)	-	-
	Hexavalent chromium	0.33	0.25U	200 (≤50)	NQ	-
	Nitrate as NO3	190	190	0 (≤50)	-	-
	Nitrate/Nitrite as N	43	42	2 (≤50)	-	-
	Perchlorate	91	27	108 (≤50)	J (all detects)	A

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-14-40.0-20170223	RIDB-14-40.0-20170223-FD			
440-178172-1	Chlorate	7600	7400	3 (≤50)	-	-
	Nitrate as NO3	74	58	24 (≤50)	-	-

**Indicates samples underwent Stage 4 validation

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-14-40.0-20170223	RIDB-14-40.0-20170223-FD			
440-178172-1	Nitrate/Nitrite as N	17	13	27 (≤50)	-	-
	Perchlorate	670	780	15 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-10-80.0-20170225**	RIDB-10-80.0-20170225-FD**			
440-178302-1	Chlorate	430	400	7 (≤50)	-	-
	Nitrate as NO3	8.0	8.1	1 (≤50)	-	-
	Nitrate/Nitrite as N	1.8	1.8	0 (≤50)	-	-
	Perchlorate	26	24	8 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-6-5.0-20170225**	RIDB-6-5.0-20170225-FD**			
440-178302-1	Chlorate	310	310	0 (≤50)	-	-
	Nitrate as NO3	36	36	0 (≤50)	-	-
	Nitrate/Nitrite as N	8.2	8.1	1 (≤50)	-	-
	Perchlorate	120	99	19 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-4-10.0-20170307	RIDB-4-10.0-20170307-FD			
440-179022-1	Chlorate	1.3	1.4	7 (≤50)	-	-
	Perchlorate	1.0	0.66	41 (≤50)	-	-
	Nitrate as NO3	8.3	9.2	10 (≤50)	-	-
	Nitrate/Nitrite as N	1.9	2.1	10 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-1-50.0-20170308	RIDB-1-50.0-20170308-FD			
440-179153-1	Perchlorate	12	8.8	31 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-20-30.0-20170308	RIDB-20-30.0-20170308-FD			
440-179153-1	Chlorate	12	11	9 (≤50)	-	-
	Perchlorate	32	32	0 (≤50)	-	-
	Nitrate as NO3	19	20	5 (≤50)	-	-
	Nitrate/Nitrite as N	4.4	4.6	4 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-2-20.0-20170309	RIDB-2-20.0-20170309-FD			
440-179280-1	Chlorate	16	18	12 (≤50)	-	-
	Perchlorate	2.3	4.3	61 (≤50)	J (all detects)	A
	Nitrate as NO3	65	85	27 (≤50)	-	-
	Nitrate/Nitrite as N	15	19	24 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-17-30.0-20170309	RIDB-17-30.0-20170309-FD			
440-179280-1	Chlorate	3200	4900	42 (≤50)	-	-
	Perchlorate	400	430	7 (≤50)		
	Nitrate as NO3	48	52	8 (≤50)	-	-
	Nitrate/Nitrite as N	11	12	9 (≤50)	-	-
	Hexavalent chromium	0.22U	2.7	200 (≤50)	NQ	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-3-60.0-20170310	RIDB-3-60.0-20170310-FD			
440-179419-1	Chloride	14	13	7 (≤50)	-	-
	Perchlorate	76	69	10 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-5-5.0-20170311	RIDB-5-5.0-20170311-FD			
440-179456-1	Chlorate	0.27	0.29	7 (≤50)	-	-
	Perchlorate	0.12	0.13	8 (≤50)	-	-
	Nitrate as NO3	7.2	7.1	1 (≤50)	-	-
	Nitrate/Nitrite as N	1.6	1.6	0 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-15-80.0-20170311	RIDB-15-80.0-20170311-FD			
440-179456-1	Chlorate	38	41	8 (≤50)	-	-
	Perchlorate	3.7	3.5	5 (≤50)	-	-
	Nitrate as NO3	6.0	6.5	8 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-16-80.0-20170312	RI-16-80.0-20170312-FD			
440-179456-1	Chlorate	4.9	4.2	15 (≤50)	-	-
	Perchlorate	0.37	0.81	75 (≤50)	J (all detects)	A

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-7-0.5-20170312	RIDB-7-0.5-20170312-FD			
440-179456-1	Chlorate	31	30	3 (≤50)	-	-
	Perchlorate	43	40	7 (≤50)	-	-
	Nitrate as NO3	44	52	17 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-7-0.5-20170312	RIDB-7-0.5-20170312-FD			
440-179456-1	Nitrate/Nitrite as N	9.9	12	19 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-18-30.0-20170314	RIDB-18-30.0-20170314-FD			
440-179637-1	Chlorate	1400	1500	7 (≤50)	-	-
	Perchlorate	150	170	13 (≤50)	-	-
	Nitrate as NO3	110	110	0 (≤50)	-	-
	Hexavalent Chromium	0.62	0.26U	200 (≤50)	NQ	-
	Nitrate/Nitrite as N	25	25	0 (≤50)		

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-11-70.0-20170321	RIDB-11-70.0-20170321-FD			
440-180193-1	Chlorate	360	360	0 (≤50)	-	-
	Nitrate as NO3	12	11	9 (≤50)	-	-
	Nitrate/Nitrite as N	2.7	2.6	4 (≤50)	-	-
	Perchlorate	78	69	12 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-19-60.0-20170321	RIDB-19-60.0-20170321-FD			
440-180193-1	Chlorate	9.9	8.9	11 (≤50)	-	-
	Nitrate as NO3	6.9	6.2	11 (≤50)	-	-
	Perchlorate	0.94	0.90	4 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-12-50.0-20170322	RIDB-12-50.0-20170322-FD			
440-180331-1	Chlorate	500	520	4 (≤50)	-	-
	Nitrate as NO3	20	22	10 (≤50)	-	-
	Nitrate/Nitrite as N	4.4	4.9	11 (≤50)	-	-
	Perchlorate	120	120	0 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-27-50.0-20170322	RIDB-27-50.0-20170322-FD			
440-180331-1	Chlorate	1.4	1.4	0 (≤50)	-	-
	Nitrate as NO3	5.5	5.0U	200 (≤50)	NQ	-
	Perchlorate	0.79	0.11	151 (≤50)	J (all detects)	A

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-28-10.0-20170323	RIDB-28-10.0-20170323-FD			
440-180439-1	Chlorate	2.6	2.6	0 (≤50)	-	-
	Nitrate as NO3	52	59	13 (≤50)	-	-
	Nitrate/Nitrite as N	12	13	8 (≤50)	-	-
	Perchlorate	1.3	7.7	142 (≤50)	J (all detects)	A

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-25-60.0-20170323	RIDB-25-60.0-20170323-FD			
440-180439-1	Chlorate	2.9	2.6	11 (≤50)	-	-
	Nitrate as NO3	9.4	8.5	10 (≤50)	-	-
	Nitrate/Nitrite as N	2.1	1.9	10 (≤50)	-	-
	Perchlorate	0.28	0.27	4 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-24-70.0-20170324	RIDB-24-70.0-20170324-FD			
440-180593-1	Chlorate	3.0	4.1	31 (≤50)	-	-
	Nitrate as NO3	5.7	7.3	25 (≤50)	-	-
	Perchlorate	0.41	0.48	16 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-26-50.0-20170324	RIDB-26-50.0-20170324-FD			
440-180593-1	Chlorate	1.5	1.5	0 (≤50)	-	-
	Nitrate as NO3	5.8	6.0	3 (≤50)	-	-
	Perchlorate	0.30	0.35	15 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-22-1.0-20170327	RIDB-22-1.0-20170327-FD			
440-180696-1	Chlorate	3.6	3.6	0 (≤50)	-	-
	Nitrate as NO3	63	61	3 (≤50)	-	-
	Nitrate/Nitrite as N	14	14	0 (≤50)	-	-
	Perchlorate	6.1	6.4	5 (≤50)	-	-

SDG	Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-21-50.0-20170328	RIDB-21-50.0-20170328-FD			
440-180819-1	Chlorate	160	180	12 (≤50)	-	-
	Perchlorate	200	230	14 (≤50)	-	-
	Nitrate as NO3	25	28	11 (≤50)	-	-
	Nitrate/Nitrite as N	5.6	6.4	13 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-23-60.0-20170404	RIDB-23-60.0-20170404-FD			
440-181297-1	Chlorate	890	740	18 (≤50)	-	-
	Nitrate as NO3	39	32	20 (≤50)	-	-
	Hexavalent chromium	1.3	1.1	17 (≤50)	-	-
	Nitrate/Nitrite as N	8.9	7.2	21 (≤50)	-	-
	Perchlorate	780	650	18 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-5-40.0-20170405**	RI-5-40.0-20170405-FD**			
440-181420-1	Chlorate	9.9	12	19 (≤50)	-	-
	Nitrate as NO3	11	18	48 (≤50)	-	-
	Nitrate/Nitrite as N	2.5	4.1	48 (≤50)	-	-
	Perchlorate	0.94	1.5	46 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-7-20.0-20170408	RI-7-20.0-20170408-FD			
440-181716-1	Chlorate	0.65	0.63	3 (≤50)	-	-
	Nitrate as NO3	37	42	13 (≤50)	-	-
	Nitrate/Nitrite as N	8.3	9.4	12 (≤50)	-	-
	Perchlorate	1.1	1.2	9 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-9-110.0-20170409	RI-9-110.0-20170409-FD			
440-181722-1	Chlorate	0.15	0.17	13 (≤50)	-	-
	Perchlorate	0.018	0.019U	200 (≤50)	NQ	-

**Indicates samples underwent Stage 4 validation

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-20-100.0-20170410	RI-20-100.0-20170410-FD			
440-181745-1	Chlorate	1.8	1.7	6 (≤50)	-	-
	Nitrate as NO3	6.2	5.8	7 (≤50)	-	-
	Perchlorate	0.24	0.22	9 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-10-70.0-20170410	RI-10-70.0-20170410-FD			
440-181749-1	Chlorate	4.4	4.2	5 (≤50)	-	-
	Nitrate as NO3	8.1	7.6	6 (≤50)	-	-
	Nitrate/Nitrite as N	1.8	1.7	6 (≤50)	-	-
	Perchlorate	1.3	0.96	30 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-24-90.0-20170418	RI-24-90.0-20170418-FD			
440-182494-1	Chlorate	0.84	0.85	1 (≤50)	-	-
	Nitrate as NO3	8.2	7.2U	200 (≤50)	NQ	-
	Nitrate/Nitrite as N	1.8	2.2U	200 (≤50)	NQ	-
	Perchlorate	0.014	0.022	44 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-25-80.0-20170418	RI-25-80.0-20170418-FD			
440-182498-1	Chlorate	3.2	3.1	3 (≤50)	-	-
	Nitrate as NO3	4.3	4.2	2 (≤50)	-	-
	Perchlorate	1.3	1.1	17 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-21-60.0-20170422	RI-21-60.0-20170422-FD			
440-182804-1	Chlorate	2.9	3.3	13 (≤50)	-	-
	Nitrate as NO3	8.4	10	17 (≤50)	-	-
	Nitrate/Nitrite as N	1.9	2.3	19 (≤50)	-	-
	Perchlorate	0.57	0.74	26 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-1-50.0-20170424	RI-1-50.0-20170424-FD			
440-182886-1	Nitrate as NO3	7.9	7.6	4 (≤50)	-	-
	Nitrate/Nitrite as N	1.8	1.7	6 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-2-90.0-20170425	RI-2-90.0-20170425-FD			
440-182943-1	Nitrate as NO3	8.7U	6.0	200 (≤50)	NQ	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-65D-20170502*	M-65D-20170502-FD*			
440-183423-1	Chlorate	1400000 ug/L	1400000 ug/L	0 (≤30)	-	-
	Perchlorate	630000 ug/L	570000 ug/L	10 (≤30)	-	-
	Nitrate as NO_3	60 mg/L	60 mg/L	0 (≤30)	-	-
	Total dissolved solids	4700000 mg/L	4600000 mg/L	2 (≤30)	-	-
	Hexavalent chromium	3100 ug/L	3000 ug/L	3 (≤30)	-	-
	Bromide	2300 ug/L	2100 ug/L	9 (≤30)	-	-
	Chloride	610000 ug/L	610000 ug/L	0 (≤30)	-	-
	Sulfate	490000 ug/L	470000 ug/L	4 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-65D-20170502*	M-65D-20170502-FD*			
440-183423-1	Nitrate/Nitrite as N	13000 ug/L	14000 ug/L	7 (≤30)	-	-
	pH	7.6 SU	7.5 SU	1 (≤30)	-	-
	Alkalinity as $CaCO_3$	52000 ug/L	52000 ug/L	0 (≤30)	-	-
	Bicarbonate ion as HCO_3	64000 ug/L	64000 ug/L	0 (≤30)	-	-
	Specific conductance	4900 umhos/cm	4900 umhos/cm	0 (≤30)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-13-40.0-20170502	RI-13-40.0-20170502-FD			
440-183424-1	Chlorate	93	94	1 (≤50)	-	-
	Nitrate as NO_3	13	12	8 (≤50)	-	-
	Nitrate/Nitrite as N	2.9	2.7	7 (≤50)	-	-
	Perchlorate	5.2	5.3	2 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-16-50.0-20170502	RIDB-16-50.0-20170502-FD			
440-183426-1	Chlorate	220	220	0 (≤50)	-	-
	Nitrate as NO_3	130	130	0 (≤50)	-	-
	Nitrite as N	5.6	5.4	4 (≤50)	-	-
	Nitrate/Nitrite as N	36	33	9 (≤50)	-	-
	Perchlorate	330	320	3 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-12-30.0-20170503	RI-12-30.0-20170503-FD			
440-183574-1	Chlorate	93	97	4 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-12-30.0-20170503	RI-12-30.0-20170503-FD			
440-183574-1	Nitrate as NO_3	7.9	12	41 (≤50)	-	-
	Nitrate/Nitrite as N	2.6U	2.6	200 (≤50)	NQ	-
	Perchlorate	3.7	5.0	30 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-13-110.0-20170503	RI-13-110.0-20170503-FD			
440-183581-1	Chlorate	1.1	1.1	0 (≤50)	-	-
	Nitrate as NO_3	5.9	5.8	2 (≤50)	-	-
	Perchlorate	0.030	0.073	83 (≤50)	J (all detects)	A

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-66D-20170504*	M-66D-20170504-FD*			
440-183683-1	Hexavalent chromium	3800 ug/L	3800 ug/L	0 (≤30)	-	-
	Bromide	2800 ug/L	2500 ug/L	11 (≤30)	-	-
	Chloride	780000 ug/L	790000 ug/L	1 (≤30)	-	-
	Nitrate as NO_3	55 mg/L	44 mg/L	22 (≤30)	-	-
	Sulfate	670000 ug/L	670000 ug/L	0 (≤30)	-	-
	Chlorate	1100000 ug/L	1100000 ug/L	0 (≤30)	-	-
	Perchlorate	470000 ug/L	470000 ug/L	0 (≤30)	-	-
	Nitrate/Nitrite as N	12000 ug/L	9900 ug/L	19 (≤30)	-	-
	pH	7.7 SU	7.6 SU	1 (≤30)	-	-
	Alkalinity	69000 ug/L	70000 ug/L	1 (≤30)	-	-
	Bicarbonate alkalinity	84000 ug/L	85000 ug/L	1 (≤30)	-	-
	Specific conductance	5400 umhos/cm	5400 umhos/cm	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-66D-20170504*	M-66D-20170504-FD*			
440-183683-1	Total dissolved solids	4900000 ug/L	4900000 ug/L	0 (≤30)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-22-50.0-20170504	RI-22-50.0-20170504-FD			
440-183702-1	Chlorate	3.3	3.1	6 (≤50)	-	-
	Nitrate as NO_3	9.6	9.5	1 (≤50)	-	-
	Nitrate/Nitrite as N	2.2	2.1	5 (≤50)	-	-
	Perchlorate	0.38	0.47	21 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-12-140.0-20170504**	RI-12-140.0-20170504-FD**			
440-183705-1	Chlorate	0.091	0.099	8 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-22-80.0-20170504	RI-22-80.0-20170504-FD			
440-183819-1	Chlorate	1.8	1.8	0 (≤50)	-	-
	Nitrate as NO_3	6.8	7.2	6 (≤50)	-	-
440-183819-1	Nitrate/Nitrite as N	1.5	1.6	6 (≤50)	-	-
	Perchlorate	0.31	0.26	18 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-27-50.0-20170519	RI-27-50.0-20170519-FD			
440-184908-1	Chlorate	3.6	3.8	5 (≤50)	-	-
	Nitrate as NO_3	12	11	9 (≤50)	-	-
	Nitrate/Nitrite as N	2.6	2.5	4 (≤50)	-	-

**Indicates samples underwent Stage 4 validation

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-27-50.0-20170519	RI-27-50.0-20170519-FD			
440-184908-1	Perchlorate	0.43	0.45	5 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-27-80.0-20170520	RI-27-80.0-20170520-FD			
440-184908-1	Chlorate	0.84	0.92	9 (≤50)	-	-
	Nitrate as NO_3	4.0	5.8U	200 (≤50)	NQ	-
	Perchlorate	0.063	0.071	12 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-29-50.0-20170522	RIDB-29-50.0-20170522-FD			
440-184950-1	Chlorate	68	63	8 (≤50)	-	-
	Nitrate as NO_3	28	23	20 (≤50)	-	-
	Nitrate/Nitrite as N	6.4	5.3	19 (≤50)	-	-
	Perchlorate	7.2	6.1	17 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RIDB-29-70.0-20170523**	RIDB-29-70.0-20170523-FD**			
440-185056-1	Chlorate	0.50	0.50	0 (≤50)	-	-
	Nitrate as NO_3	5.5	6.2	12 (≤50)	-	-
	Perchlorate	0.034	0.037	8 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-23-80.0-20170531	RI-23-80.0-20170531-FD			
440-185476-1	Chlorate	17	18	6 (≤50)	-	-
	Nitrate as NO_3	6.1	6.4	5 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-23-80.0-20170531	RI-23-80.0-20170531-FD			
440-185476-1	Perchlorate	0.71	0.75	5 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-23-110.0-20170531	RI-23-110.0-20170531-FD			
440-185583-1	Chlorate	1.0	1.1	10 (≤50)	-	-
	Nitrate as NO_3	7.8U	5.6	200 (≤50)	NQ	-
	Perchlorate	0.022	0.028	24 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-1-10.0-20170603	PCDB-1-10.0-20170603-FD			
440-185677-1	Chlorate	0.33	0.34	3 (≤50)	-	-
	Nitrate as NO3	90	99	10 (≤50)	-	-
	Nitrate/Nitrite as N	20	22	10 (≤50)	-	-
	Perchlorate	4.0	2.6	42 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-2-50.0-20170606**	PCDB-2-50.0-20170606-FD**			
440-185877-1	Chlorate	2.0	1.9	5 (≤50)	-	-
	Nitrate as NO3	5.9	5.5	7 (≤50)	-	-
	Nitrate/Nitrite as N	1.3	1.2	8 (≤50)	-	-
	Perchlorate	2.7	1.9	35 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-3-30.0-20170612	PCDB-3-30.0-20170612-FD			
440-186356-1	Chlorate	4.1	4.4	7 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-3-30.0-20170612	PCDB-3-30.0-20170612-FD			
440-186356-1	Nitrate as NO3	7.3	9.5	26 (≤50)	-	-
	Nitrate/Nitrite as N	1.6	2.1	27 (≤50)	-	-
	Perchlorate	0.54	0.66	20 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-17-50.0-20170613**	RI-17-50.0-20170613-FD**			
440-186395-1	Chlorate	1800	1700	6 (≤50)	-	-
	Nitrate as NO3	36	38	5 (≤50)	-	-
	Nitrate/Nitrite as N	8.1	8.6	6 (≤50)	-	-
	Perchlorate	250	210	17 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-3-100.0-20170613	PCDB-3-100.0-20170613-FD			
440-186397-1	Chlorate	1.4	0.28U	200 (≤50)	NQ	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		PCDB-3-130.0-20170613	PCDB-3-130.0-20170613-FD			
440-186397-1	Chlorate	0.070	0.075	7 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-17-100.0-20170614	RI-17-100.0-20170614-FD			
440-186518-1	Chlorate	750	630	17 (≤50)	-	-
	Nitrate as NO3	8.1	14	53 (≤50)	J (all detects)	A
	Nitrate/Nitrite as N	1.8	3.2	56 (≤50)	NQ	-
	Perchlorate	200	350	55 (≤50)	J (all detects)	A

**Indicates samples underwent Stage 4 validation

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-28-70.0-20170615	RI-28-70.0-20170615-FD			
440-186637-1	Chlorate	16	16	0 (≤50)	-	-
	Nitrate as NO3	5.3	5.5	4 (≤50)	-	-
	Perchlorate	0.47	0.53	12 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-28-130.0-20170615	RI-28-130.0-20170615-FD			
440-186637-1	Chlorate	0.61	0.63	3 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-26-5.0-20170616	RI-26-5.0-20170616-FD			
440-186720-1	Chlorate	17	18	6 (≤50)	-	-
	Nitrate as NO3	24	31	25 (≤50)	-	-
	Nitrate/Nitrite as N	5.4	7.0	26 (≤50)	-	-
	Perchlorate	3.2	6.6	69 (≤50)	J (all detects)	A

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-11-60.0-20170616	RI-11-60.0-20170616-FD			
440-186721-1	Chlorate	3400	3100	9 (≤50)	-	-
	Nitrate as NO3	51	42	19 (≤50)	-	-
	Nitrate/Nitrite as N	12	9.4	24 (≤50)	-	-
	Perchlorate	250	190	27 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-11-95.0-20170616	RI-11-95.0-20170616-FD			
440-186721-1	Perchlorate	0.015U	0.024	200 (≤50)	NQ	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-11-110.0-20170616	RI-11-110.0-20170616-FD			
440-186721-1	Chlorate	13	13	0 (≤50)	-	-
	Nitrate as NO3	11	12	9 (≤50)	-	-
	Nitrate/Nitrite as N	2.5	2.6	4 (≤50)	-	-
	Perchlorate	1.0	1.5	40 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-11-130.0-20170616	RI-11-130.0-20170616-FD			
440-186721-1	Chlorate	0.69	0.72	4 (≤50)	-	-
	Nitrate as NO3	5.5	7.7U	200 (≤50)	NQ	-
	Perchlorate	0.033	0.097	98 (≤50)	J (all detects)	A

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-26-70.0-20170617	RI-26-70.0-20170617-FD			
440-186786-1	Chlorate	47	52	10 (≤50)	-	-
	Nitrate as NO3	6.2	5.7	8 (≤50)	-	-
	Nitrate/Nitrite as N	1.4	2.2U	200 (≤50)	NQ	-
	Perchlorate	2.9	1.2	83 (≤50)	J (all detects)	A

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-26-110.0-20170617	RI-26-110.0-20170617-FD			
440-186786-1	Chlorate	53	53	0 (≤50)	-	-
	Nitrate as NO3	5.6	5.7	2 (≤50)	-	-
	Perchlorate	3.8	3.3	14 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-26-140.0-20170618	RI-26-140.0-20170618-FD			
440-186786-1	Perchlorate	0.25	0.17	38 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-2-130.0-20170628	RI-2-130.0-20170628-FD			
440-187437-1	Nitrate as NO3	6.8	6.3	8 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-3-40.0-20170629	RI-3-40.0-20170629-FD			
440-187533-1	Chlorate	0.096	0.28U	200 (≤50)	NQ	-
	Nitrate as NO3	15	14	7 (≤50)	-	-
	Nitrate/Nitrite as N	3.3	3.2	3 (≤50)	-	-
	Perchlorate	0.60	0.56	7 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-3-120.0-20170630	RI-3-120.0-20170630-FD			
440-187553-1	Nitrate as NO3	6.5	6.9	6 (≤50)	-	-
	Perchlorate	0.070	0.017U	200 (≤50)	NQ	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		RI-4-30.0-20170630	RI-4-30.0-20170630-FD			
440-187594-1	Chlorate	0.092	0.088	4 (≤50)	-	-
	Nitrate as NO3	10	11	10 (≤50)	-	-
	Nitrate/Nitrite as N	2.3	2.4	4 (≤50)	-	-
	Perchlorate	1.7	1.6	6 (≤50)	-	-

NQ = No data were qualified when either the primary or duplicate result was not detected or was below the practical quantitation limit (PQL).

XI. Sample Result Verification

All sample result verifications were acceptable.

XII. Overall Assessment of Data

The analysis was conducted within all specifications of the methods.

Due to technical holding time and MS/MSD %R, data were rejected in twenty-five samples.

Due to technical holding time, surrogate %R, MS/MSD %R and RPD and field duplicate RPD, data were qualified as estimated in four hundred ninety-three samples.

Due to equipment blank contamination, data were qualified as estimated in one sample.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be rejected (R) are unusable for all purposes. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Wet Chemistry - Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-1, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179565-1, 440-179636-1, 440-179637-1, 440-179742-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-180968-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181565-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-181883-1, 440-182494-1, 440-182498-1, 440-182601-1, 440-182602-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182888-1, 440-182942-1, 440-182943-1, 440-183075-1, 440-183293-1, 440-183423-1, 440-183424-1, 440-183426-1, 440-183553-1, 440-183574-1, 440-183581-1, 440-183683-1, 440-183702-1, 440-183705-1, 440-183819-1, 440-183862-1, 440-184723-1, 440-184858-1, 440-184908-1, 440-184950-1, 440-185056-1, 440-185476-1, 440-185583-1, 440-185677-1, 440-185829-1, 440-185877-1, 440-186031-1, 440-186351-1, 440-186356-1, 440-186395-1, 440-186397-1, 440-186517-1, 440-186518-1, 440-186634-1, 440-186637-1, 440-186720-1, 440-186721-1, 440-186786-1, 440-186797-1, 440-186920-1, 440-187295-1, 440-187437-1, 440-187533-1, 440-187553-1, 440-187589-1, 440-187594-1

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-183683-1	M-140D-20170504* M-66D-20170504* M-66D-20170504-FD* M-72D-20170504* M-22D-20170504* M-36D-20170504* M-36D-20170504-FB* M-14D-20170504*	pH	J (all detects)	P	Technical holding times (h)
440-183702-1	RI-22-50.0-20170504-EB*	Nitrate as NO_3 Nitrite as N Nitrate/Nitrite as N	J- (all detects) R (all non-detects)	P	Technical holding times (h)
440-181297-1	RIDB-23-60.0-20170404 RIDB-23-60.0-20170404-FD	Chlorate	J- (all detects)	P	Surrogate spikes (%R) (s)
440-183574-1	RI-12-10.0-20170503	Chlorate	J- (all detects)	P	Surrogates (%R) (s)
440-183574-1	RI-12-20.0-20170503	Chlorate	J- (all detects)	P	Surrogates (%R) (s)
440-184950-1	RIDB-29-40.0-20170522	Chlorate	J- (all detects)	A	Surrogates (%R) (s)
440-185476-1	RI-23-30.0-20170530	Chlorate	J- (all detects)	P	Surrogates (%R) (s)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-177826-1	RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222 RIDB-8-30.0-20170222-FD M-5D-52.0-20170222	Hexavalent chromium	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178172-1	RIDB-14-80.0-20170224	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178172-1	RIDB-9-90.0-20170223	Nitrite as N Nitrate/Nitrite as N	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178172-1	RIDB-13-30.0-20170224 RIDB-13-40.0-20170224 RIDB-13-50.0-20170224 RIDB-13-60.0-20170224 RIDB-10-10.0-20170224 RIDB-14-30.0-20170223 RIDB-14-40.0-20170223 RIDB-14-40.0-20170223-FD RIDB-14-50.0-20170223 RIDB-14-60.0-20170223 RIDB-14-70.0-20170224 RIDB-9-90.0-20170223 RIDB-10-1.0-20170223 RIDB-10-30.0-20170224	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178302-1	RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226**	Hexavalent chromium	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178302-1	RIDB-13-70.0-20170224** RIDB-13-80.0-20170224**	Nitrate as NO3	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-178302-1	RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226**	Nitrate as NO3 Nitrate/Nitrite as N	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-179153-1	RIDB-4-70.0-20170307 RIDB-4-80.0-20170307 RIDB-4-90-20170307 RIDB-1-5.0-20170308 RIDB-1-10.0-20170308 RIDB-1-20.0-20170308 RIDB-1-30.0-20170308 RIDB-20-10.0-20170308 RIDB-20-40.0-20170308 RIDB-20-50.0-20170308 RIDB-20-60.0-20170308	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179153-1	RIDB-20-80.0-20170308 RIDB-20-90.0-20170308	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-1	RIDB-17-30.0-20170309	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-1	RIDB-1-60.0-20170308 RIDB-1-70.0-20170308 RIDB-1-80.0-20170308 RIDB-2-0.5-20170309 RIDB-2-5.0-20170309 RIDB-2-10.0-20170309 RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD RIDB-2-30.0-20170309 RIDB-2-40.0-20170309 RIDB-2-50.0-20170309 RIDB-2-60.0-20170309 RIDB-2-70.0-20170309 RIDB-2-80.0-20170309 RIDB-2-90.0-20170309 RIDB-17-1.0-20170309 RIDB-17-5.0-20170309 RIDB-17-10.0-20170309 RIDB-17-20.0-20170309 RIDB-17-30.0-20170309 RIDB-17-30.0-20170309-FD	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179280-1	RIDB-1-90.0-20170308	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-179419-1	RIDB-3-0.5-20170310 RIDB-3-5.0-20170310 RIDB-3-10.0-20170310 RIDB-3-20.0-20170310 RIDB-3-30.0-20170310 RIDB-3-40.0-20170310 RIDB-3-50.0-20170310 RIDB-3-60.0-20170310 RIDB-3-60.0-20170310-FD RIDB-3-70.0-20170310 RIDB-3-80.0-20170310 RIDB-3-90.0-20170310 RIDB-17-70.0-20170309 RIDB-17-80.0-20170309 RIDB-17-90.0-20170309 RIDB-15-1.0-20170310 RIDB-15-5.0-20170310 RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310 RIDB-15-40.0-20170310 RIDB-15-50.0-20170310	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179419-1	RIDB-15-10.0-20170310 RIDB-15-20.0-20170310 RIDB-15-30.0-20170310	Hexavalent chromium	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179456-1	RI-16-70.0-20170312	Chlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179456-1	RI-16-40.0-20170312 RI-16-70.0-20170312 RI-16-80.0-20170312 RI-16-80.0-20170312-FD RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312 RIDB-7-40.0-20170312 RIDB-7-50.0-20170312 RIDB-7-60.0-20170312	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179456-1	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RIDB-5-40.0-20170311 RIDB-5-50.0-20170311 RIDB-5-60.0-20170311 RIDB-5-70.0-20170311 RIDB-5-80.0-20170311 RIDB-5-90.0-20170311 RIDB-15-60.0-20170311 RIDB-15-70.0-20170311 RIDB-15-80.0-20170311 RIDB-15-80.0-20170311-FD RIDB-15-90.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-179456-1	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-10.0-20170312 RI-16-20.0-20170312 RI-16-30.0-20170312 RIDB-7-0.5-20170312 RIDB-7-0.5-20170312-FD RIDB-7-5.0-20170312 RIDB-7-10.0-20170312 RIDB-7-20.0-20170312	Hexavalent chromium	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-179742-1	RIDB-18-90.0-20170315	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180331-1	RIDB-12-1.0-20170321 RIDB-12-5.0-20170321 RIDB-12-10.0-20170322 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321 RIDB-27-20.0-20170321 RIDB-27-30.0-20170321	Hexavalent chromium	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180593-1	RIDB-24-1.0-20170323 RIDB-24-5.0-20170323 RIDB-26-1.0-2017032 RIDB-26-5.0-20170323	Hexavalent chromium	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180819-1	RIDB-21-40.0-20170328	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180819-1	RIDB-22-60.0-20170327 RIDB-22-70.0-20170327	Nitrate as NO3	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180819-1	RIDB-21-1.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328 RIDB-21-50.0-20170328 RIDB-21-50.0-20170328-FD	Nitrate as NO3 Nitrate/Nitrite as N	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180968-1	RIDB-21-80.0-20170328 RIDB-21-90.0-20170328	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-181297-1	RIDB-23-30.0-20170404 RIDB-23-40.0-20170404 RIDB-23-50.0-20170404 RIDB-23-60.0-20170404 RIDB-23-60.0-20170404-FD RIDB-23-70.0-20170404 RIDB-23-80.0-20170404 RIDB-23-90.0-20170404	Chlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181565-1	RI-5-80.0-20170406 RI-5-90.0-20170406 RI-5-100.0-20170406	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181661-1	RI-9-5.0-20170407	Perchlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181716-1	RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408 RI-7-40.0-20170408 RI-7-50.0-20170408 RI-7-60.0-20170408 RI-7-70.0-20170409 RI-7-80.0-20170409 RI-7-90.0-20170409 RI-7-95.0-20170409 RI-7-100.0-20170409	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181722-1	RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-9-40.0-20170408 RI-9-50.0-20170408 RI-9-60.0-20170408 RI-9-70.0-20170408 RI-9-80.0-20170408 RI-9-90.0-20170408 RI-9-100.0-20170409	Perchlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181722-1	RI-9-110.0-20170409 RI-9-110.0-20170409-FD RI-9-120.0-20170409 RI-9-130.0-20170409 RI-10-5.0-20170409 RI-10-10.0-20170409	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-181749-1	RI-10-20.0-20170410 RI-10-30.0-20170410 RI-10-40.0-20170410 RI-10-50.0-20170410 RI-10-60.0-20170410 RI-10-70.0-20170410 RI-10-70.0-20170410-FD RI-10-80.0-20170410 RI-10-90.0-20170410 RI-10-100.0-20170410 RI-10-110.0-20170410	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-181749-1	RI-10-20.0-20170410 RI-10-30.0-20170410	Hexavalent chromium (insoluble)	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182494-1	RI-24-1.0-20170418 RI-24-5.0-20170418 RI-24-10.0-20170418 RI-24-20.0-20170418 RI-24-30.0-20170418 RI-24-40.0-20170418 RI-24-50.0-20170418 RI-24-60.0-20170418 RI-24-70.0-20170418 RI-24-80.0-20170418 RI-24-90.0-20170418 RI-24-90.0-20170418-FD	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182498-1	RI-25-5.0-20170417 RI-25-20.0-20170418 RI-25-30.0-20170418 RI-25-40.0-20170418 RI-25-50.0-20170418 RI-25-60.0-20170418 RI-25-70.0-20170418 RI-25-80.0-20170418 RI-25-80.0-20170418-FD RI-25-90.0-20170418	Chlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182601-1	RI-25-95.0-20170418 RI-25-100.0-20170418 RI-25-105.0-20170419 RI-25-110.0-20170419 RI-25-115.0-20170419 RI-25-120.0-20170419 RI-25-125.0-20170419 RI-25-130.0-20170419 RI-25-135.0-20170419 RI-25-140.0-20170419 RI-25-145.0-20170419 RI-25-150.0-20170419	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-182602-1	RI-24-95.0-20170419 RI-24-100.0-20170419 RI-24-105.0-20170419 RI-24-110.0-20170419 RI-24-115.0-20170419 RI-24-120.0-20170419 RI-24-125.0-20170419 RI-24-130.0-20170419 RI-24-135.0-20170419 RI-24-140.0-20170419 RI-24-145.0-20170419 RI-24-150.0-20170419	Perchlorate	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183426-1	RIDB-16-5.0-20170502	Hexavalent chromium (insoluble)	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183553-1	M-201-20170503* M-222-20170503*	Nitrate as NO_3 Nitrate/Nitrite as N	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-183553-1	M-81D-20170503* M-219-20170503* M-215-20170503* M-201-20170503* M-221-20170503* M-222-20170503*	Hexavalent chromium	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183553-1	M-81D-20170503* M-219-20170503* M-215-20170503* M-221-20170503*	Nitrate as NO_3 Nitrate/Nitrite as N	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183574-1	RI-12-10.0-20170503	Nitrite as N Nitrate/Nitrite as N	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183574-1	RI-12-5.0-20170503 RI-12-10.0-20170503 RI-12-20.0-20170503 RI-12-30.0-20170503 RI-12-30.0-20170503-FD	Hexavalent chromium (insoluble)	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183683-1	M-140D-20170504* M-66D-20170504* M-66D-20170504-FD* M-72D-20170504* M-22D-20170504* M-36D-20170504* M-14D-20170504*	Orthophosphate as P	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183702-1	RI-22-50.0-20170504 RI-22-50.0-20170504-FD RI-22-60.0-20170504	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183819-1	RI-22-70.0-20170504 RI-22-80.0-20170504 RI-22-80.0-20170504-FD RI-22-90.0-20170504 RI-22-95.0-20170504 RI-22-100.0-20170505 RI-22-105.0-20170505 RI-22-110.0-20170505 RI-22-115.0-20170505 RI-22-120.0-20170505 RI-22-120.0-20170505-FD RI-22-125.0-20170505 RI-22-130.0-20170505 RI-22-135.0-20170505 RI-22-140.0-20170505 RI-22-145.0-20170505 RI-22-145.0-20170505-FD RI-22-150.0-20170505	Perchlorate	J- (all detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-183819-1	RI-22-70.0-20170504 RI-22-100.0-20170505 RI-22-110.0-20170505 RI-22-120.0-20170505 RI-22-120.0-20170505-FD RI-22-130.0-20170505	Chlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-183862-1	M-244-60.0-20170505 M-244-70.0-20170506 M-244-80.0-20170506 M-244-90.0-20170506 M-244-90.0-20170506-FD M-244-100.0-20170506 M-244-110.0-20170506 M-244-120.0-20170506 M-244-130.0-20170506	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-184723-1	RI-23-2.0-20170517 RI-23-5.0-20170517 RI-23-10.0-20170517	Hexavalent chromium (insoluble)	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-184858-1	RI-6-5.0-20170518** RI-6-10.0-20170518** RI-27-1.0-20170519** RI-27-5.0-20170519** RI-27-10.0-20170519** RI-27-20.0-20170519** RI-27-30.0-20170519** RI-27-40.0-20170519** RIDB-29-1.0-20170519** RIDB-29-5.0-20170519** RIDB-29-10.0-20170519**	Hexavalent chromium (insoluble)	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-184908-1	RI-27-50.0-20170519 RI-27-50.0-20170519-FD RI-27-60.0-20170520 RI-27-70.0-20170520 RI-27-80.0-20170520 RI-27-80.0-20170520-FD RI-27-90.0-20170520 RI-27-95.0-20170520 RI-27-100.0-20170520 RI-27-105.0-20170520 RI-27-110.0-20170520 RI-27-115.0-20170520 RI-27-120.0-20170520 RI-27-125.0-20170521 RI-27-125.0-20170521-FD RI-27-130.0-20170521 RI-27-135.0-20170521 RI-27-140.0-20170521 RI-27-145.0-20170521 RI-27-150.0-20170521	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-185056-1	RIDB-29-60.0-20170522** RIDB-29-70.0-20170523** RIDB-29-70.0-20170523-FD** RIDB-29-80.0-20170523** RIDB-29-90.0-20170523**	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-185583-1	RI-23-110.0-20170531 RI-23-110.0-20170531-FD RI-23-115.0-20170531 RI-23-120.0-20170531 RI-23-125.0-20170601 RI-23-130.0-20170601 RI-23-135.0-20170601 RI-23-140.0-20170601 RI-23-140.0-20170601-FD RI-23-145.0-20170601 RI-23-150.0-20170601	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-185677-1	PCDB-1-5.0-20170602 PCDB-1-20.0-20170603 PCDB-1-30.0-20170603 PCDB-1-40.0-20170603 PCDB-1-50.0-20170603 PCDB-1-60.0-20170603 PCDB-1-70.0-20170603 PCDB-1-80.0-20170603 PCDB-1-90.0-20170603 PCDB-1-100.0-20170604 PCDB-1-110.0-20170604 PCDB-1-110.0-20170604-FD PCDB-1-120.0-20170604 PCDB-1-130.0-20170604 PCDB-1-140.0-20170604	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-185677-1	PCDB-1-5.0-20170602 PCDB-1-10.0-20170603 PCDB-1-10.0-20170603-FD PCDB-1-20.0-20170603 PCDB-1-30.0-20170603 PCDB-1-40.0-20170603 PCDB-1-50.0-20170603 PCDB-1-60.0-20170603 PCDB-1-70.0-20170603 PCDB-1-80.0-20170603 PCDB-1-90.0-20170603 PCDB-1-100.0-20170604 PCDB-1-110.0-20170604 PCDB-1-110.0-20170604-FD PCDB-1-120.0-20170604 PCDB-1-130.0-20170604 PCDB-1-140.0-20170604	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-185877-1	PCDB-2-30.0-20170605** PCDB-2-40.0-20170606** PCDB-2-50.0-20170606** PCDB-2-50.0-20170606-FD** PCDB-2-60.0-20170606** PCDB-2-70.0-20170606** PCDB-2-80.0-20170606** PCDB-2-90.0-20170606** PCDB-2-100.0-20170606** PCDB-2-110.0-20170606**	Perchlorate	J- (all detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186031-1	PCDB-2-120.0-20170606 PCDB-2-130.0-20170606 PCDB-2-130.0-20170606-FD PCDB-2-140.0-20170607 PCDB-2-150.0-20170607	Perchlorate	J- (all detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-186351-1	RI-17-5.0-20170612 RI-17-10.0-20170612 RI-17-20.0-20170612 RI-17-30.0-20170612	Hexavalent chromium (insoluble)	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186397-1	PCDB-3-60.0-20170612 PCDB-3-70.0-20170612 PCDB-3-80.0-20170613 PCDB-3-90.0-20170613 PCDB-3-100.0-20170613 PCDB-3-100.0-20170613-FD PCDB-3-110.0-20170613 PCDB-3-120.0-20170613 PCDB-3-130.0-20170613 PCDB-3-130.0-20170613-FD PCDB-3-140.0-20170613 PCDB-3-150.0-20170613	Perchlorate Chlorate	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186517-1	RI-28-10.0-20170614 RI-28-20.0-20170614 RI-28-30.0-20170614 RI-28-40.0-20170614 RI-28-50.0-20170614	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186517-1	RI-28-1.0-20170614	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186517-1	RI-28-1.0-20170614 RI-28-20.0-20170614 RI-28-30.0-20170614 RI-28-40.0-20170614	Hexavalent chromium (insoluble)	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186518-1	RI-17-90.0-20170614 RI-17-95.0-20170614 RI-17-100.0-20170614 RI-17-100.0-20170614-FD RI-17-105.0-20170614 RI-17-110.0-20170614 RI-17-115.0-20170614 RI-17-120.0-20170614 RI-17-125.0-20170614 RI-17-130.0-20170614	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186634-1	RI-17-140.0-20170614** RI-17-150.0-20170614** RI-11-5.0-20170615** RI-11-10.0-20170615** RI-11-20.0-20170615** RI-11-30.0-20170615** RI-11-40.0-20170615**	Perchlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186634-1	RI-11-5.0-20170615** RI-11-10.0-20170615** RI-11-20.0-20170615** RI-11-30.0-20170615**	Hexavalent chromium (insoluble)	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-186637-1	RI-28-60.0-20170614 RI-28-70.0-20170615 RI-28-70.0-20170615-FD RI-28-80.0-20170615 RI-28-90.0-20170615 RI-28-95.0-20170615 RI-28-100.0-20170615 RI-28-105.0-20170615 RI-28-110.0-20170615 RI-28-120.0-20170615	Perchlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186637-1	RI-28-130.0-20170615 RI-28-130.0-20170615-FD RI-28-135.0-20170615	Perchlorate	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186637-1	RI-28-60.0-20170614 RI-28-70.0-20170615 RI-28-70.0-20170615-FD RI-28-80.0-20170615 RI-28-90.0-20170615 RI-28-95.0-20170615 RI-28-100.0-20170615 RI-28-105.0-20170615 RI-28-110.0-20170615 RI-28-115.0-20170615 RI-28-120.0-20170615 RI-28-125.0-20170615 RI-28-130.0-20170615 RI-28-130.0-20170615-FD RI-28-135.0-20170615	Nitrate as NO3 Nitrate/Nitrite as N	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186720-1	RI-26-5.0-20170616 RI-26-5.0-20170616-FD	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186720-1	RI-28-140.0-20170615 RI-28-145.0-20170615 RI-28-150.0-20170615 RI-26-1.0-20170616 RI-26-10.0-20170616 RI-26-20.0-20170616	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186720-1	RI-26-1.0-20170616 RI-26-5.0-20170616 RI-26-5.0-20170616-FD RI-26-10.0-20170616 RI-26-20.0-20170616	Hexavalent chromium (insoluble)	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186721-1	RI-11-60.0-20170616 RI-11-60.0-20170616-FD RI-11-110.0-20170616 RI-11-110.0-20170616-FD	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186721-1	RI-11-50.0-20170615 RI-11-70.0-20170616	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-186786-1	RI-26-130.0-20170618 RI-26-135.0-20170618 RI-26-140.0-20170618 RI-26-140.0-20170618-FD RI-26-145.0-20170618 RI-26-150.0-20170618	Perchlorate	J- (all detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-186797-1	M-198-100.0-20170618** M-198-110.0-20170618** M-198-120.0-20170618** M-198-130.0-20170618** M-198-140.0-20170618** M-198-150.0-20170618**	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187533-1	RI-3-5.0-20170629 RI-3-10.0-20170629 RI-3-20.0-20170629 RI-3-40.0-20170629 RI-3-40.0-20170629-FD RI-3-50.0-20170629 RI-3-60.0-20170629 RI-3-70.0-20170629	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187553-1	RI-3-80.0-20170629 RI-3-90.0-20170629 RI-3-95.0-20170629 RI-3-100.0-20170629 RI-3-105.0-20170629 RI-3-110.0-20170629 RI-3-115.0-20170629 RI-3-120.0-20170630 RI-3-120.0-20170630-FD RI-3-125.0-20170630 RI-3-130.0-20170630 RI-3-135.0-20170630 RI-3-140.0-20170630 RI-3-145.0-20170630 RI-3-150.0-20170630	Perchlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187589-1	RI-4-5.0-20170630	Hexavalent chromium	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-187594-1	RI-4-10.0-20170630 RI-4-20.0-20170630 RI-4-30.0-20170630 RI-4-30.0-20170630-FD RI-4-40.0-20170630	Hexavalent chromium	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-178302-1	RIDB-10-90.0-20170225** RIDB-13-70.0-20170224** RIDB-13-80.0-20170224** RIDB-13-90.0-20170224** RIDB-6-0.5-20170225** RIDB-6-5.0-20170225** RIDB-6-5.0-20170225-FD** RIDB-6-10.0-20170226** RIDB-6-20.0-20170226** RIDB-6-30.0-20170226** RIDB-6-40.0-20170226** RIDB-6-50.0-20170226** RIDB-6-60.0-20170226**	Nitrate as NO3 Nitrite as N Nitrate/Nitrite as N	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-179456-1	RIDB-7-20.0-20170312 RIDB-7-30.0-20170312 RIDB-7-40.0-20170312 RIDB-7-50.0-20170312 RIDB-7-60.0-20170312 RIDB-7-70.0-20170312 RIDB-7-80.0-20170312 RIDB-7-90.0-20170312	Nitrate as NO3 Nitrate/Nitrite as N	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-179456-1	RI-16-40.0-20170312 RI-16-70.0-20170312 RI-16-80.0-20170312 RI-16-80.0-20170312-FD RIDB-7-10.0-20170312 RIDB-7-20.0-20170312 RIDB-7-30.0-20170312 RIDB-7-40.0-20170312 RIDB-7-50.0-20170312 RIDB-7-60.0-20170312	Perchlorate	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-180819-1	RIDB-22-60.0-20170327 RIDB-22-70.0-20170327 RIDB-22-80.0-20170327 RIDB-22-90.0-20170327 RIDB-21-1.0-20170328 RIDB-21-5.0-20170328 RIDB-21-10.0-20170328 RIDB-21-20.0-20170328 RIDB-21-30.0-20170328 RIDB-21-50.0-20170328 RIDB-21-50.0-20170328-FD RIDB-21-60.0-20170328 RIDB-21-70.0-20170328	Nitrate as NO3 Nitrate/Nitrite as N	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-181716-1	RI-7-5.0-20170408 RI-7-10.0-20170408 RI-7-20.0-20170408 RI-7-20.0-20170408-FD RI-7-30.0-20170408 RI-7-40.0-20170408 RI-7-50.0-20170408 RI-7-60.0-20170408 RI-7-70.0-20170409 RI-7-80.0-20170409 RI-7-90.0-20170409 RI-7-95.0-20170409 RI-7-100.0-20170409	Chlorate	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-183553-1	M-222-20170503*	Orthophosphate as P	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-185877-1	PCDB-2-30.0-20170605** PCDB-2-40.0-20170606** PCDB-2-50.0-20170606** PCDB-2-50.0-20170606-FD** PCDB-2-60.0-20170606**	Perchlorate	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-186031-1	PCDB-2-120.0-20170606	Perchlorate	J (all detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-187553-1	RI-3-80.0-20170629 RI-3-90.0-20170629 RI-3-95.0-20170629 RI-3-100.0-20170629 RI-3-105.0-20170629 RI-3-110.0-20170629 RI-3-115.0-20170629 RI-3-120.0-20170630 RI-3-120.0-20170630-FD RI-3-125.0-20170630 RI-3-130.0-20170630 RI-3-135.0-20170630 RI-3-140.0-20170630 RI-3-145.0-20170630 RI-3-150.0-20170630	Perchlorate	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-178172-1	RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD	Perchlorate	J (all detects)	A	Field duplicates (RPD) (fd)
440-179280-1	RIDB-2-20.0-20170309 RIDB-2-20.0-20170309-FD	Perchlorate	J (all detects)	A	Field duplicates (RPD) (fd)
440-179456-1	RI-16-80.0-20170312 RI-16-80.0-20170312-FD	Perchlorate	J (all detects)	A	Field duplicates (RPD) (fd)
440-180331-1	RIDB-27-50.0-20170322 RIDB-27-50.0-20170322-FD	Perchlorate	J (all detects)	A	Field duplicates (RPD) (fd)
440-180439-1	RIDB-28-10.0-20170323 RIDB-28-10.0-20170323-FD	Perchlorate	J (all detects)	A	Field duplicates (RPD) (fd)
440-183581-1	RI-13-110.0-20170503 RI-13-110.0-20170503-FD	Perchlorate	J (all detects)	A	Field duplicates (RPD) (fd)
440-186518-1	RI-17-100.0-20170614 RI-17-100.0-20170614-FD	Nitrate as NO3 Perchlorate	J (all detects) J (all detects)	A	Field duplicates (RPD) (fd)
440-186720-1	RI-26-5.0-20170616 RI-26-5.0-20170616-FD	Perchlorate	J (all detects)	A	Field duplicates (RPD) (fd)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-186721-1	RI-11-130.0-20170616 RI-11-130.0-20170616-FD	Perchlorate	J (all detects)	A	Field duplicates (RPD) (fd)
440-186786-1	RI-26-70.0-20170617 RI-26-70.0-20170617-FD	Perchlorate	J (all detects)	A	Field duplicates (RPD) (fd)

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No Sample Data Qualified in these SDGs

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Wet Chemistry - Field Blank Data Qualification Summary - SDGs 440-177826-1, 440-178027-1, 440-178097-1, 440-178172-1, 440-178302-1, 440-179022-1, 440-179153-1, 440-179280-1, 440-179419-1, 440-179456-1, 440-179565-1, 440-179636-1, 440-179637-1, 440-179742-1, 440-180101-1, 440-180193-1, 440-180331-1, 440-180439-1, 440-180593-1, 440-180696-1, 440-180819-1, 440-180968-1, 440-181200-1, 440-181297-1, 440-181420-1, 440-181565-1, 440-181661-1, 440-181716-1, 440-181722-1, 440-181745-1, 440-181749-1, 440-181883-1, 440-182494-1, 440-182498-1, 440-182601-1, 440-182602-1, 440-182804-1, 440-182829-1, 440-182886-1, 440-182888-1, 440-182942-1, 440-182943-1, 440-183075-1, 440-183293-1, 440-183423-1, 440-183424-1, 440-183426-1, 440-183553-1, 440-183574-1, 440-183581-1, 440-183683-1, 440-183702-1, 440-183705-1, 440-183819-1, 440-183862-1, 440-184723-1, 440-184858-1, 440-184908-1, 440-184950-1, 440-185056-1, 440-185476-1, 440-185583-1, 440-185677-1, 440-185829-1, 440-185877-1, 440-186031-1, 440-186351-1, 440-186356-1, 440-186395-1, 440-186397-1, 440-186517-1, 440-186518-1, 440-186634-1, 440-186637-1, 440-186720-1, 440-186721-1, 440-186786-1, 440-186797-1, 440-186920-1, 440-187295-1, 440-187437-1, 440-187533-1, 440-187553-1, 440-187589-1, 440-187594-1

	Sample	Analyte	Modified Final Concentration	A or P	Code
440-186351-1	RI-17-30.0-20170612	Nitrate as NO3 Nitrate/Nitrite as N	18J+ mg/Kg 4.1J+ mg/Kg	A	be

ATTACHMENT J
Radium-226 and Radium-228 DVR

Radium 226 by Environmental Protection Agency (EPA) Method 903.0
Radium 228 by EPA Method 904.0

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. Initial Calibration

All criteria for the initial calibration were met.

Counting and detector efficiency were determined for each detector and each radionuclide.

Self absorption curves were generated for each sample when applicable.

Initial calibration data were not reviewed for Stage 2A validation.

III. Continuing Calibration

Continuing calibration and background determination were performed at the required frequencies. Results were within laboratory control limits.

Continuing calibration data were not reviewed for Stage 2A validation.

IV. Blanks

Laboratory blanks were analyzed as required by the methods. Blank results contained less than the minimum detectable activity (MDA) with the following exceptions:

SDG	Blank ID	Isotope	Activity	Associated Samples
160-21233-1	PB (prep blank)	Radium 228	0.3709 pCi/g	M-5D-52.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222 RIDB-8-30.0-20170222-FD RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-9-10.0-20170223 RIDB-9-20.0-20170223 RIDB-9-30.0-20170223 RIDB-14-1.0-20170223 RIDB-14-5.0-20170223 RIDB-14-10.0-20170223 RIDB-14-10.0-20170223-FD RIDB-14-20.0-20170223 RIDB-14-30.0-20170223 RIDB-10-1.0-20170223 RIDB-10-5.0-20170223
160-21233-1	PB (prep blank)	Radium 228	0.3945 pCi/g	RIDB-13-1.0-20170224 RIDB-13-5.0-20170224 RIDB-13-10.0-20170224 RIDB-10-10.0-20170224 RIDB-10-20.0-20170224 RIDB-10-30.0-20170224 RIDB-13-20.0-20170224 RIDB-13-30.0-20170224 RIDB-13-30.0-20170224-FD
440-179022-3	PB (prep blank)	Radium 226 Radium 228	0.1174 pCi/g 0.3635 pCi/g	All samples in SDG 440-179022-3
440-179153-3	PB (prep blank)	Radium 226 Radium 228	0.1174 pCi/g 0.3635 pCi/g	All soil samples in SDG 440-179153-3
440-179419-3	PB (prep blank)	Radium 228	0.4109 pCi/g	All samples in SDG 440-179419-3
440-179456-3	PB (prep blank)	Radium 228	0.4109 pCi/g	RIDB-5-0.5-20170311 RIDB-5-5.0-20170311 RIDB-5-5.0-20170311-FD RIDB-5-10.0-20170311 RIDB-5-20.0-20170311 RIDB-5-30.0-20170311 RI-16-5.0-20170312 RI-16-10.0-20170312 RI-16-20.0-20170312
440-179637-3	PB (prep blank)	Radium 228	0.4590 pCi/g	All soil samples in SDG 440-179637-3
440-180101-3	PB (prep blank)	Radium 228	0.7833 pCi/g	All samples in SDG 440-180101-3
440-180696-3	PB (prep blank)	Radium 228	1.203 pCi/g	RIDB-22-1.0-20170327** RIDB-22-10.0-20170327**

**Indicates samples underwent Stage 4 validation

SDG	Blank ID	Isotope	Activity	Associated Samples
440-180819-3	PB (prep blank)	Radium 228	0.4374 pCi/g	All samples in SDG 440-180819-3
440-183424-3	MB	Radium 226	0.1118 pCi/g	All samples in SDG 440-183424-3
440-183426-3	MB	Radium 226	0.1118 pCi/g	All samples in SDG 440-183426-3
440-183574-3	MB	Radium 226	0.1118 pCi/g	All samples in SDG 440-183574-3
440-185476-3	MB	Radium 228	0.4588 pCi/g	All samples in SDG 440-185476-3

Sample activities were compared to activities detected in the laboratory blanks. The sample activities were either not detected or were significantly greater than the activities found in the associated laboratory blanks with the following exceptions:

SDG	Sample	Isotope	Reported Activity	Modified Final Activity
160-21233-1	M-5D-52.0-20170222	Radium 228	0.774 pCi/g	0.774J pCi/g
160-21233-1	RIDB-8-5.0-20170222	Radium 228	0.873 pCi/g	0.873J pCi/g
160-21233-1	RIDB-8-10.0-20170222	Radium 228	0.862 pCi/g	0.862J pCi/g
160-21233-1	RIDB-8-30.0-20170222	Radium 228	0.827 pCi/g	0.827J pCi/g
160-21233-1	RIDB-9-10.0-20170223	Radium 228	0.841 pCi/g	0.841J pCi/g
160-21233-1	RIDB-9-30.0-20170223	Radium 228	0.863 pCi/g	0.863J pCi/g
160-21233-1	RIDB-14-1.0-20170223	Radium 228	0.752 pCi/g	0.752J pCi/g
160-21233-1	RIDB-14-10.0-20170223-FD	Radium 228	0.738 pCi/g	0.738J pCi/g
160-21233-1	RIDB-14-30.0-20170223	Radium 228	0.521 pCi/g	0.521J pCi/g
160-21233-1	RIDB-10-1.0-20170223	Radium 228	0.988 pCi/g	0.988J pCi/g
160-21233-1	RIDB-13-5.0-20170224	Radium 228	0.747 pCi/g	0.747J pCi/g
160-21233-1	RIDB-10-10.0-20170224	Radium 228	0.829 pCi/g	0.829J pCi/g

SDG	Sample	Isotope	Reported Activity	Modified Final Activity
440-179022-3	RIDB-4-5.0-20170307	Radium 228	0.764 pCi/g	0.764J pCi/g
440-179022-3	RIDB-4-10.0-20170307	Radium 228	0.589 pCi/g	0.589J pCi/g
440-179022-3	RIDB-4-10.0-20170307-FD	Radium 228	0.466 pCi/g	0.466J pCi/g
440-179022-3	RIDB-4-20.0-20170307	Radium 228	0.945 pCi/g	0.945J pCi/g
440-179022-3	RIDB-20-1.0-20170307	Radium 226	0.955 pCi/g	0.955J pCi/g
440-179153-3	RIDB-1-0.5-20170308**	Radium 226	0.317 pCi/g	0.317J pCi/g
440-179153-3	RIDB-1-5.0-20170308**	Radium 226	0.813 pCi/g	0.813J pCi/g
440-179153-3	RIDB-20-5.0-20170308**	Radium 226	0.848 pCi/g	0.848J pCi/g
440-179153-3	RIDB-1-20.0-20170308**	Radium 228	0.785 pCi/g	0.785J pCi/g
440-179153-3	RIDB-1-30.0-20170308**	Radium 228	0.783 pCi/g	0.783J pCi/g
440-179153-3	RIDB-20-20.0-20170308**	Radium 228	0.834 pCi/g	0.834J pCi/g
440-179419-3	RIDB-3-5.0-20170310	Radium 228	0.985 pCi/g	0.985J pCi/g
440-179419-3	RIDB-3-20.0-20170310	Radium 228	0.930 pCi/g	0.930J pCi/g
440-179419-3	RIDB-3-30.0-20170310	Radium 228	0.632 pCi/g	0.632J pCi/g
440-179456-3	RIDB-5-10.0-20170311	Radium 228	0.427 pCi/g	0.427J pCi/g
440-179456-3	RIDB-5-20.0-20170311	Radium 228	0.849 pCi/g	0.849J pCi/g
440-179456-3	RIDB-5-30.0-20170311	Radium 228	0.722 pCi/g	0.722J pCi/g
440-179637-3	RIDB-18-10.0-20170314	Radium 228	0.882 pCi/g	0.882J pCi/g
440-179637-3	RIDB-18-30.0-20170314	Radium 228	0.571 pCi/g	0.571J pCi/g
440-180819-3	RIDB-21-5.0-20170328	Radium 228	0.472 pCi/g	0.472J pCi/g
440-180819-3	RIDB-21-20.0-20170328	Radium 228	0.814 pCi/g	0.814J pCi/g
440-183426-3	RIDB-16-1.0-20170501**	Radium 226	0.149 pCi/g	0.149J pCi/g

SDG	Sample	Isotope	Reported Activity	Modified Final Activity
440-183426-3	RIDB-16-5.0-20170502**	Radium 226	0.139 pCi/g	0.139J pCi/g
440-185476-3	RI-23-20.0-20170530	Radium 228	0.849 pCi/g	0.849J pCi/g
440-185476-3	RI-23-30.0-20170530	Radium 228	0.984 pCi/g	0.984J pCi/g

V. Field Blanks

Samples RIDB-10-10.0-20170224-EB* (from SDG 160-21233-1), RIDB-1-30.0-20170308-EB* (from SDG 440-179153-3), and RIDB-18-10.0-20170314-EB* (from SDG 440-179637-3) were identified as equipment blanks. No contaminants were found.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Relative error ratios (RER) were within QC limits with the following exceptions:

SDG	DUP ID (Associated Samples)	Isotope	RER (Limits)	Flag	A or P
440-179456-3	RI-16-30.0-20170312DUP (RI-16-30.0-20170312)	Radium 228	1.27 (≤1.00)	J (all detects)	A
440-180101-3	RIDB-19-1.0-20170320DUP (All samples in SDG 440-180101-3)	Radium 228	1.78 (≤1.00)	J (all detects)	A
440-180696-3	RIDB-22-1.0-20170327DUP** (All samples in SDG 440-180696-3)	Radium 226	1.08 (≤1.00)	J (all detects)	A
440-181661-3	RI-9-5.0-20170407DUP (RI-9-5.0-20170407)	Radium 228	1.32 (≤1.00)	J (all detects)	A
440-181716-3	RI-9-5.0-20170407DUP (All samples in SDG 440-181716-3)	Radium 228	1.32 (≤1.00)	J (all detects)	A
440-181722-3	RI-9-5.0-20170407DUP (All samples in SDG 440-181722-3)	Radium 228	1.32 (≤1.00)	J (all detects) UJ (all non-detects)	A

SDG	DUP ID (Associated Samples)	Isotope	RER (Limits)	Flag	A or P
440-181745-3	RI-9-5.0-20170407DUP (All samples in SDG 440-181745-3)	Radium 228	1.32 (≤1.00)	J (all detects)	A
440-181749-3	RI-9-5.0-20170407DUP (All samples in SDG 440-181749-3)	Radium 228	1.32 (≤1.00)	J (all detects)	A
440-187533-3	RI-3-5.0-20170629DUP** (All samples in SDG 440-187533-3)	Radium 228	1.96 (≤1.00)	J (all detects)	A

VIII. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

IX. Field Duplicates

Samples RIDB-8-30.0-20170222 and RIDB-8-30.0-20170222-FD (both from SDG 160-21233-1), samples RIDB-14-10.0-20170223 and RIDB-14-10.0-20170223-FD (both from SDG 160-21233-1), samples RIDB-13-30.0-20170224 and RIDB-13-30.0-20170224-FD (both from SDG 160-21233-1), samples RIDB-6-5.0-20170225 and RIDB-6-5.0-20170225-FD (both from SDG 160-21254-1), samples RIDB-4-10.0-20170307 and RIDB-4-10.0-20170307-FD (both from SDG 440-179022-3), samples RIDB-20-30.0-20170308** and RIDB-20-30.0-20170308-FD** (both from SDG 440-179153-3), samples RIDB-2-20.0-20170309 and RIDB-2-20.0-20170309-FD (both from SDG 440-179280-3), samples RIDB-17-30.0-20170309 and RIDB-17-30.0-20170309-FD (both from SDG 440-179280-3), samples RIDB-5-5.0-20170311 and RIDB-5-5.0-20170311-FD (both from SDG 440-179456-3), samples RIDB-7-0.5-20170312 and RIDB-7-0.5-20170312-FD (both from SDG 440-179456-3), samples RIDB-18-30.0-20170314 and RIDB-18-30.0-20170314-FD (both from SDG 440-179637-3), samples RIDB-28-10.0-20170323** and RIDB-28-10.0-20170323-FD** (both from SDG 440-180439-3), samples RIDB-22-1.0-20170327** and RIDB-22-1.0-20170327-FD** (both from SDG 440-180696-3), samples RI-7-20.0-20170408** and RI-7-20.0-20170408-FD** (both from SDG 440-181716-3), samples RI-8-10.0-20170422** and RI-8-10.0-20170422-FD** (both from SDG 440-182829-3), samples RI-12-30.0-20170503 and RI-12-30.0-20170503-FD (both from SDG 440-183574-30), samples RI-26-5.0-20170616 and RI-26-5.0-20170616-FD (both from SDG 440-186720-3) and samples RI-4-30.0-20170630 and RI-4-30.0-20170630-FD (both from SDG 440-187594-3) were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-8-30.0-20170222	RIDB-8-30.0-20170222-FD			
160-21233-1	Radium 226	1.23	1.25	2 (≤50)	-	-
	Radium 228	0.827	1.24	40 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-14-10.0-20170223	RIDB-14-10.0-20170223-FD			
160-21233-1	Radium 226	1.09	1.02	7 (≤50)	-	-
	Radium 228	1.30	0.738	55 (≤50)	J (all detects)	A

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-13-30.0-20170224	RIDB-13-30.0-20170224-FD			
160-21233-1	Radium 226	1.33	1.41	6 (≤50)	-	-
	Radium 228	1.12	1.26	12 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-6-5.0-20170225	RIDB-6-5.0-20170225-FD			
160-21254-1	Radium 226	0.788	0.780	1 (≤50)	-	-
	Radium 228	1.60	1.82	13 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-4-10.0-20170307	RIDB-4-10.0-20170307-FD			
440-179022-3	Radium 226	5.07	5.59	10 (≤50)	-	-
	Radium 228	0.589	0.466	23 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-20-30.0-20170308**	RIDB-20-30.0-20170308-FD**			
440-179153-3	Radium 226	1.63	1.67	2 (≤50)	-	-
	Radium 228	1.07	1.32	21 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-2-20.0-20170309	RIDB-2-20.0-20170309-FD			
440-179280-3	Radium 226	1.50	1.67	11 (≤50)	-	-
	Radium 228	0.914	0.912	0 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-17-30.0-20170309	RIDB-17-30.0-20170309-FD			
440-179280-3	Radium 226	1.63	1.97	19 (≤50)	-	-
	Radium 228	0.741	0.975	27 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-5-5.0-20170311	RIDB-5-5.0-20170311-FD			
440-179456-3	Radium 226	1.69	1.44	16 (≤50)	-	-
	Radium 228	1.27	1.20	6 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-7-0.5-20170312	RIDB-7-0.5-20170312-FD			
440-179456-3	Radium 226	0.836	0.837	0 (≤50)	-	-
	Radium 228	1.73	1.34	25 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-18-30.0-20170314	RIDB-18-30.0-20170314-FD			
440-179637-3	Radium 226	2.91	3.23	10 (≤50)	-	-
	Radium 228	0.571	1.01	56 (≤50)	J (all detects)	A

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-28-10.0-20170323**	RIDB-28-10.0-20170323-FD**			
440-180439-3	Radium 226	0.903	1.03	13 (≤50)	-	-
	Radium 228	1.36	1.29	5 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-22-1.0-20170327**	RIDB-22-1.0-20170327-FD**			
440-180696-3	Radium 226	0.296	1.32	127 (≤50)	J (all detects)	A

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RI-7-20.0-20170408**	RI-7-20.0-20170408-FD**			
440-181716-3	Radium 226	2.46	2.31	6 (≤50)	-	-
	Radium 228	0.493	1.21	84 (≤50)	J (all detects)	A

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RI-8-10.0-20170422**	RI-8-10.0-20170422-FD**			
440-182829-3	Radium 226	0.830	0.700	6 (≤50)	-	-
	Radium 228	1.18	0.900	27 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RI-12-30.0-20170503	RI-12-30.0-20170503-FD			
440-183574-3	Radium 226	2.04	2.40	16 (≤50)	-	-
	Radium 228	1.09	1.04	5 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RI-26-5.0-20170616	RI-26-5.0-20170616-FD			
440-186720-3	Radium 226	0.909	0.803	12 (≤50)	-	-
	Radium 228	0.913	0.649	34 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RI-4-30.0-20170630	RI-4-30.0-20170630-FD			
440-187594-3	Radium 226	2.71	2.26	18 (≤50)	-	-
	Radium 228	0.953	1.03	8 (≤50)	-	-

X. Carrier Recovery

All carrier recoveries were within validation criteria with the following exceptions:

SDG	Sample ID	Carrier Isotope	%R (Limits)	Affected Isotope	Flag	A or P
440-183424-3	RI-13-30.0-20170502	Barium	112 (40-110)	Radium 226 Radium 228	J (all detects) J (all detects)	P
440-183426-3	RIDB-16-10.0-20170502**	Barium	114 (40-110)	Radium 226 Radium 228	J (all detects) J (all detects)	P
440-183574-3	RI-12-5.0-20170503 RI-12-10.0-20170503	Barium	111 (40-110)	Radium 226 Radium 228	J (all detects) J (all detects)	P
440-187533-3	RI-3-20.0-20170629**	Barium	114 (40-110)	Radium 226 Radium 228	J (all detects) J (all detects)	P
440-187589-3	RI-4-5.0-20170630	Barium	111 (40-110)	Radium 226 Radium 228	J (all detects) J (all detects)	P
440-187594-3	RI-4-10.0-20170630	Barium	113 (40-110)	Radium 226 Radium 228	J (all detects) J (all detects)	P

XI. Minimum Detectable Concentration

All minimum detectable concentrations (MDC) met the requested limit.

XII. Sample Result Verification

All sample result verifications were acceptable for samples on which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

**Indicates samples underwent Stage 4 validation

XIII. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in these SDGs.

Due to DUP RER, field duplicate RPD and carrier recovery %R, data were qualified as estimated in thirty nine samples.

Due to laboratory blank contamination, data were qualified as estimated in thirty one samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Radium 226 & 228 - Data Qualification Summary - SDGs 160-21233-1, 160-21254-1, 440-179022-3, 440-179153-3, 440-179280-3, 440-179419-3, 440-179456-3, 440-179637-3, 440-180101-3, 440-180193-3, 440-180331-3, 440-180439-3, 440-180593-3, 440-180696-3, 440-180819-3, 440-181200-3, 440-181297-3, 440-181420-3, 440-181661-3, 440-181716-3, 440-181722-3, 440-181745-3, 440-181749-3, 440-182494-3, 440-182498-3, 440-182804-3, 440-182829-3, 440-182886-3, 440-182943-3, 440-183424-3, 440-183426-3, 440-183574-3, 440-183702-3, 440-184858-3, 440-184950-3, 440-185476-3, 440-186351-3, 440-186517-3, 440-186634-3, 440-186720-3, 440-186786-3, 440-187533-3, 440-187589-3, 440-187594-3

SDG	Sample	Isotope	Flag	A or P	Reason (Code)
440-179456-3	RI-16-30.0-20170312	Radium 228	J (all detects)	A	Duplicate sample analysis (RER) (ld)
440-180101-3	RIDB-19-1.0-20170320 RIDB-19-5.0-20170320 RIDB-19-10.0-20170320 RIDB-19-20.0-20170320 RIDB-19-30.0-20170320 RIDB-11-1.0-20170320 RIDB-11-5.0-20170320 RIDB-11-10.0-20170320	Radium 228	J (all detects)	A	Duplicate sample analysis (RER) (ld)
440-180696-3	RIDB-22-1.0-20170327** RIDB-22-1.0-20170327-FD** RIDB-22-5.0-20170327** RIDB-22-10.0-20170327** RIDB-22-20.0-20170327** RIDB-22-30.0-20170327**	Radium 226	J (all detects)	A	Duplicate sample analysis (RER) (ld)
440-181661-3	RI-9-5.0-20170407	Radium 228	J (all detects)	A	Duplicate sample analysis (RER) (ld)
440-181716-3	RI-7-5.0-20170408** RI-7-10.0-20170408** RI-7-20.0-20170408** RI-7-20.0-20170408-FD** RI-7-30.0-20170408**	Radium 228	J (all detects)	A	Duplicate sample analysis (RER) (ld)
440-181722-3	RI-9-10.0-20170408 RI-9-20.0-20170408 RI-9-30.0-20170408 RI-10-5.0-20170409 RI-10-10.0-20170409	Radium 228	J (all detects) UJ (all non-detects)	A	Duplicate sample analysis (RER) (ld)
440-181745-3	RI-20-5.0-20170410 RI-20-10.0-20170410 RI-20-20.0-20170410 RI-20-30.0-20170410	Radium 228	J (all detects)	A	Duplicate sample analysis (RER) (ld)
440-181749-3	RI-10-20.0-20170410 RI-10-30.0-20170410	Radium 228	J (all detects)	A	Duplicate sample analysis (RER) (ld)

**Indicates samples underwent Stage 4 validation

SDG	Sample	Isotope	Flag	A or P	Reason (Code)
440-187533-3	RI-3-5.0-20170629** RI-3-10.0-20170629** RI-3-20.0-20170629**	Radium 228	J (all detects)	A	Duplicate sample analysis (RER) (ld)
160-21233-1	RIDB-14-10.0-20170223 RIDB-14-10.0-20170223-FD	Radium 228	J (all detects)	A	Field duplicates (RPD) (fd)
440-179637-3	RIDB-18-30.0-20170314 RIDB-18-30.0-20170314-FD	Radium 228	J (all detects)	A	Field duplicates (RPD) (fd)
440-180696-3	RIDB-22-1.0-20170327** RIDB-22-1.0-20170327-FD**	Radium 226	J (all detects)	A	Field duplicates (RPD) (fd)
440-181716-3	RI-7-20.0-20170408** RI-7-20.0-20170408-FD**	Radium 228	J (all detects)	A	Field duplicates (RPD) (fd)
440-183424-3	RI-13-30.0-20170502	Radium 226 Radium 228	J (all detects) J (all detects)	P	Carrier recovery (%R) (o)
440-183426-3	RIDB-16-10.0-20170502**	Radium 226 Radium 228	J (all detects) J (all detects)	P	Carrier recovery (%R) (o)
440-183574-3	RI-12-5.0-20170503 RI-12-10.0-20170503	Radium 226 Radium 228	J (all detects) J (all detects)	P	Carrier recovery (%R) (o)
440-187533-3	RI-3-20.0-20170629**	Radium 226 Radium 228	J (all detects) J (all detects)	P	Carrier recovery (%R) (o)
440-187589-3	RI-4-5.0-20170630	Radium 226 Radium 228	J (all detects) J (all detects)	P	Carrier recovery (%R) (o)
440-187594-3	RI-4-10.0-20170630	Radium 226 Radium 228	J (all detects) J (all detects)	P	Carrier recovery (%R) (o)

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Radium 226 & 228 - Laboratory Blank Data Qualification Summary - SDGs 160-21233-1, 160-21254-1, 440-179022-3, 440-179153-3, 440-179280-3, 440-179419-3, 440-179456-3, 440-179637-3, 440-180101-3, 440-180193-3, 440-180331-3, 440-180439-3, 440-180593-3, 440-180696-3, 440-180819-3, 440-181200-3, 440-181297-3, 440-181420-3, 440-181661-3, 440-181716-3, 440-181722-3, 440-181745-3, 440-181749-3, 440-182494-3, 440-182498-3, 440-182804-3, 440-182829-3, 440-182886-3, 440-182943-3, 440-183424-3, 440-183426-3, 440-183574-3, 440-183702-3, 440-184858-3, 440-184950-3, 440-185476-3, 440-186351-3, 440-186517-3, 440-186634-3, 440-186720-3, 440-186786-3, 440-187533-3, 440-187589-3, 440-187594-3

SDG	Sample	Isotope	Modified Final Activity	A or P	Code
160-21233-1	M-5D-52.0-20170222	Radium 228	0.774J pCi/g	A	bl
160-21233-1	RIDB-8-5.0-20170222	Radium 228	0.873J pCi/g	A	bl
160-21233-1	RIDB-8-10.0-20170222	Radium 228	0.862J pCi/g	A	bl
160-21233-1	RIDB-8-30.0-20170222	Radium 228	0.827J pCi/g	A	bl
160-21233-1	RIDB-9-10.0-20170223	Radium 228	0.841J pCi/g	A	bl
160-21233-1	RIDB-9-30.0-20170223	Radium 228	0.863J pCi/g	A	bl
160-21233-1	RIDB-14-1.0-20170223	Radium 228	0.752J pCi/g	A	bl
160-21233-1	RIDB-14-10.0-20170223-FD	Radium 228	0.738J pCi/g	A	bl
160-21233-1	RIDB-14-30.0-20170223	Radium 228	0.521J pCi/g	A	bl
160-21233-1	RIDB-10-1.0-20170223	Radium 228	0.988J pCi/g	A	bl
160-21233-1	RIDB-13-5.0-20170224	Radium 228	0.747J pCi/g	A	bl
160-21233-1	RIDB-10-10.0-20170224	Radium 228	0.829J pCi/g	A	bl
440-179022-3	RIDB-4-5.0-20170307	Radium 228	0.764J pCi/g	A	bl
440-179022-3	RIDB-4-10.0-20170307	Radium 228	0.589J pCi/g	A	bl
440-179022-3	RIDB-4-10.0-20170307-FD	Radium 228	0.466J pCi/g	A	bl
440-179022-3	RIDB-4-20.0-20170307	Radium 228	0.945J pCi/g	A	bl
440-179022-3	RIDB-20-1.0-20170307	Radium 226	0.955J pCi/g	A	bl

SDG	Sample	Isotope	Modified Final Activity	A or P	Code
440-179153-3	RIDB-1-0.5-20170308**	Radium 226	0.317J pCi/g	A	bl
440-179153-3	RIDB-1-5.0-20170308**	Radium 226	0.813J pCi/g	A	bl
440-179153-3	RIDB-20-5.0-20170308**	Radium 226	0.848J pCi/g	A	bl
440-179153-3	RIDB-1-20.0-20170308**	Radium 228	0.785J pCi/g	A	bl
440-179153-3	RIDB-1-30.0-20170308**	Radium 228	0.783J pCi/g	A	bl
440-179153-3	RIDB-20-20.0-20170308**	Radium 228	0.834J pCi/g	A	bl
440-179419-3	RIDB-3-5.0-20170310	Radium 228	0.985J pCi/g	A	bl
440-179419-3	RIDB-3-20.0-20170310	Radium 228	0.930J pCi/g	A	bl
440-179419-3	RIDB-3-30.0-20170310	Radium 228	0.632J pCi/g	A	bl
440-179456-3	RIDB-5-10.0-20170311	Radium 228	0.427J pCi/g	A	bl
440-179456-3	RIDB-5-20.0-20170311	Radium 228	0.849J pCi/g	A	bl
440-179456-3	RIDB-5-30.0-20170311	Radium 228	0.722J pCi/g	A	bl
440-179637-3	RIDB-18-10.0-20170314	Radium 228	0.882J pCi/g	A	bl
440-179637-3	RIDB-18-30.0-20170314	Radium 228	0.571J pCi/g	A	bl
440-180819-3	RIDB-21-5.0-20170328	Radium 228	0.472J pCi/g	A	bl
440-180819-3	RIDB-21-20.0-20170328	Radium 228	0.814J pCi/g	A	bl
440-183426-3	RIDB-16-1.0-20170501**	Radium 226	0.149J pCi/g	A	bl
440-183426-3	RIDB-16-5.0-20170502**	Radium 226	0.139J pCi/g	A	bl
440-185476-3	RI-23-20.0-20170530	Radium 228	0.849J pCi/g	A	bl
440-185476-3	RI-23-30.0-20170530	Radium 228	0.984J pCi/g	A	bl

NERT, Soil and Groundwater RI Sampling Phase 2, February through June 2017
Radium 226 & 228 - Field Blank Data Qualification Summary - SDGs 160-21233-1, 160-21254-1, 440-179022-3, 440-179153-3, 440-179280-3, 440-179419-3, 440-179456-3, 440-179637-3, 440-180101-3, 440-180193-3, 440-180331-3, 440-180439-3, 440-180593-3, 440-180696-3, 440-180819-3, 440-181200-3, 440-181297-3, 440-181420-3, 440-181661-3, 440-181716-3, 440-181722-3, 440-181745-3, 440-181749-3, 440-182494-3, 440-182498-3, 440-182804-3, 440-182829-3, 440-182886-3, 440-182943-3, 440-183424-3, 440-183426-3, 440-183574-3, 440-183702-3, 440-184858-3, 440-184950-3, 440-185476-3, 440-186351-3, 440-186517-3, 440-186634-3, 440-186720-3, 440-186786-3, 440-187533-3, 440-187589-3, 440-187594-3

No Sample Data Qualified in these SDGs

ATTACHMENT K
Isotopic Thorium DVR

Isotopic Thorium by Method A-01-R Modified

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. Initial Calibration

All criteria for the initial calibration were met.

Counting and detector efficiency were determined for each detector and each radionuclide.

Initial calibration data were not reviewed for Stage 2A validation.

III. Continuing Calibration

Continuing calibration and background determination were performed at the required frequencies. Results were within laboratory control limits.

Continuing calibration data were not reviewed for Stage 2A validation.

IV. Blanks

Laboratory blanks were analyzed as required by the method. Blank results contained less than the minimum detectable activity (MDA) with the following exceptions:

SDG	Blank ID	Isotope	Activity	Associated Samples
160-21233-1	PB (prep blank)	Thorium 230	0.06097 pCi/g	M-5D-52.0-20170222 RIDB-8-1.0-20170222 RIDB-8-5.0-20170222 RIDB-8-10.0-20170222 RIDB-8-20.0-20170222 RIDB-8-30.0-20170222 RIDB-8-30.0-20170222-FD RIDB-9-1.0-20170222 RIDB-9-5.0-20170222 RIDB-9-10.0-20170223 RIDB-9-20.0-20170223 RIDB-9-30.0-20170223 RIDB-14-1.0-20170223 RIDB-14-5.0-20170223 RIDB-14-10.0-20170223 RIDB-14-10.0-20170223-FD RIDB-14-20.0-20170223 RIDB-14-30.0-20170223 RIDB-10-1.0-20170223 RIDB-10-5.0-20170223
160-21233-1	PB (prep blank)	Thorium 230	0.2289 pCi/L	RIDB-10-10.0-20170224-EB*

SDG	Blank ID	Isotope	Activity	Associated Samples
440-179022-3	PB (prep blank)	Thorium 230	0.06585 pCi/g	All samples in SDG 440-179022-3
440-179153-3	PB (prep blank)	Thorium 230	0.2289 pCi/L	All water samples in SDG 440-179153-3
440-179153-3	PB (prep blank)	Thorium 230	0.07068 pCi/g	RIDB-1-5.0-20170308** RIDB-1-10.0-20170308** RIDB-1-20.0-20170308** RIDB-1-30.0-20170308** RIDB-20-5.0-20170308** RIDB-20-10.0-20170308** RIDB-20-20.0-20170308** RIDB-20-30.0-20170308** RIDB-20-30.0-20170308-FD**
440-179280-3	PB (prep blank)	Thorium 230	0.09532 pCi/g	All samples in SDG 440-179280-3
440-179419-3	PB (prep blank)	Thorium 230	0.07068 pCi/g	All samples in SDG 440-179419-3
440-179456-3	PB (prep blank)	Thorium 230	0.09925 pCi/g	All samples in SDG 440-179456-3
440-179637-3	PB (prep blank)	Thorium 230	0.2289 pCi/L	All water samples in SDG 440-179637-3
440-179637-3	PB (prep blank)	Thorium 230	0.08882 pCi/g	All soil samples in SDG 440-179637-3
440-180101-3	PB (prep blank)	Thorium 230	0.08882 pCi/g	All samples in SDG 440-180101-3
440-180193-3	PB (prep blank)	Thorium 230	0.1433 pCi/g	All samples in SDG 440-180193-3
440-180331-3	PB (prep blank)	Thorium 230	0.1433 pCi/g	All samples in SDG 440-180331-3
440-180439-3	PB (prep blank)	Thorium 230	0.1210 pCi/g	All samples in SDG 440-180439-3
440-180593-3	PB (prep blank)	Thorium 230	0.07609 pCi/g	All samples in SDG 440-180593-3
440-180696-3	PB (prep blank)	Thorium 230	0.1210 pCi/g	RIDB-22-1.0-20170327** RIDB-22-1.0-20170327-FD** RIDB-22-20.0-20170327** RIDB-22-30.0-20170327**
440-180819-3	PB (prep blank)	Thorium 230	0.07609 pCi/g	All samples in SDG 440-180819-3

SDG	Blank ID	Isotope	Activity	Associated Samples
440-181200-3	MB	Thorium 230	0.07609 pCi/g	All samples in SDG 440-181200-3
440-181745-3	MB	Thorium 230	0.1106 pCi/g	All samples in SDG 440-181745-3
440-181749-3	MB	Thorium 230	0.1106 pCi/g	All samples in SDG 440-181749-3
440-182494-3	MB	Thorium 230	0.1106 pCi/g	All samples in SDG 440-182494-3
440-182829-3	MB	Thorium 230	0.1298 pCi/g	All samples in SDG 440-182829-3
440-182886-3	MB	Thorium 230	0.09800 pCi/g	All samples in SDG 440-182886-3
440-182943-3	MB	Thorium 230	0.09800 pCi/g	All samples in SDG 440-182943-3
440-183424-3	MB	Thorium 230	0.08967 pCi/g	All samples in SDG 440-183424-3
440-183426-3	MB	Thorium 230	0.08967 pCi/g	All samples in SDG 440-183426-3
440-183574-3	MB	Thorium 230	0.08967 pCi/g	All samples in SDG 440-183574-3
440-183702-3	MB	Thorium 230	0.08967 pCi/g	All samples in SDG 440-183702-3
440-184858-3	MB	Thorium 230	0.1138 pCi/g	All samples in SDG 440-184858-3
440-184950-3	MB	Thorium 230	0.1138 pCi/g	All samples in SDG 440-184950-3
440-185476-3	MB	Thorium 228	0.1161 pCi/g	All samples in SDG 440-185476-3
440-187589-3	MB	Thorium 230	0.1296 pCi/g	All samples in SDG 440-187589-3
440-187594-3	MB	Thorium 230	0.1296 pCi/g	All samples in SDG 440-187594-3

Sample activities were compared to activities detected in the laboratory blanks. The sample activities were either not detected or were significantly greater than the activities found in the associated laboratory blanks with the following exceptions:

SDG	Sample	Isotope	Reported Activity	Modified Final Activity
160-21233-1	RIDB-9-1.0-20170222	Thorium 230	0.873 pCi/g	0.873J pCi/g
160-21233-1	RIDB-9-5.0-20170222	Thorium 230	0.882 pCi/g	0.882J pCi/g
160-21233-1	RIDB-14-1.0-20170223	Thorium 230	0.948 pCi/g	0.948J pCi/g
160-21233-1	RIDB-14-5.0-20170223	Thorium 230	0.978 pCi/g	0.978J pCi/g
160-21233-1	RIDB-10-1.0-20170223	Thorium 230	0.920 pCi/g	0.920J pCi/g
160-21233-1	RIDB-10-5.0-20170223	Thorium 230	0.817 pCi/g	0.817J pCi/g
160-21233-1	RIDB-10-10.0-20170224-EB*	Thorium 230	0.144 pCi/L	0.144J pCi/L
440-179022-3	RIDB-20-1.0-20170307	Thorium 230	0.699 pCi/g	0.699J pCi/g
440-179153-3	RIDB-1-30.0-20170308-EB*	Thorium 230	0.170 pCi/L	0.170J pCi/L
440-179419-3	RIDB-3-0.5-20170310	Thorium 230	0.967 pCi/g	0.967J pCi/g
440-179637-3	RIDB-18-10.0-20170314-EB*	Thorium 230	0.269 pCi/L	0.269J pCi/L
440-180593-3	RIDB-24-1.0-20170323	Thorium 230	0.289 pCi/g	0.289J pCi/g
440-180593-3	RIDB-26-1.0-20170323	Thorium 230	0.260 pCi/g	0.260J pCi/g
440-180696-3	RIDB-22-1.0-20170327**	Thorium 230	0.169 pCi/g	0.169J pCi/g
440-180696-3	RIDB-22-1.0-20170327-FD**	Thorium 230	0.185 pCi/g	0.185J pCi/g
440-180819-3	RIDB-21-1.0-20170328	Thorium 230	0.300 pCi/g	0.300J pCi/g
440-180819-3	RIDB-21-5.0-20170328	Thorium 230	0.215 pCi/g	0.215J pCi/g
440-181200-3	RIDB-23-1.0-20170403	Thorium 230	0.231 pCi/g	0.231J pCi/g
440-181200-3	RIDB-23-5.0-20170403	Thorium 230	0.352 pCi/g	0.352J pCi/g
440-182494-3	RI-24-5.0-20170418	Thorium 230	0.331 pCi/g	0.331J pCi/g

**Indicates samples underwent Stage 4 validation

SDG	Sample	Isotope	Reported Activity	Modified Final Activity
440-182494-3	RI-24-10.0-20170418	Thorium 230	0.742 pCi/g	0.742J pCi/g
440-184858-3	RI-27-5.0-20170519	Thorium 230	0.947 pCi/g	0.947J pCi/g
440-185476-3	RI-23-30.0-20170530	Thorium 228	0.732 pCi/g	0.732J pCi/g

V. Field Blanks

Samples RIDB-10-10.0-20170224-EB* (from SDG 160-21233-1), RIDB-1-30.0-20170308-EB* (from SDG 440-179153-3) and RIDB-18-10.0-20170314-EB* (from SDG 440-179637-3) were identified as equipment blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Sampling Date	Isotope	Activity	Associated Samples
160-21233-1	RIDB-10-10.0-20170224-EB*	02/24/17	Thorium 230	0.144 pCi/L	RIDB-10-10.0-20170224
440-179153-3	RIDB-1-30.0-20170308-EB*	03/08/17	Thorium 230	0.170 pCi/L	RIDB-1-30.0-20170308-EB
440-179637-3	RIDB-18-10.0-20170314-EB*	03/14/17	Thorium 230	0.269 pCi/L	RIDB-18-10.0-20170314-EB

Sample activities were compared to activities detected in the field blanks. The sample activities were either not detected or were significantly greater than the activities found in the associated field blanks.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Isotope	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-180193-3	RIDB-27-30.0-20170321MS/MSD (All samples in SDG 440-180193-3)	Thorium 230	146 (76-115)	-	J+ (all detects)	A
440-180331-3	RIDB-27-30.0-20170321MS/MSD (All samples in SDG 440-180331-3)	Thorium 230	146 (76-115)	-	J+ (all detects)	A

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample.

Relative error ratios (RER) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Isotope	RER (Limits)	Flag	A or P
440-180193-3	RIDB-27-30.0-20170321MS/MSD (All samples in SDG 440-180193-3)	Thorium 230	1.12 (≤1.00)	J (all detects)	A
440-180331-3	RIDB-27-30.0-20170321MS/MSD (All samples in SDG 440-180331-3)	Thorium 230	1.12 (≤1.00)	J (all detects)	A

VIII. Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

IX. Field Duplicates

Samples RIDB-8-30.0-20170222 and RIDB-8-30.0-20170222-FD (both from SDG 160-21233-1), samples RIDB-14-10.0-20170223 and RIDB-14-10.0-20170223-FD (both from SDG 160-21233-1), samples RIDB-13-30.0-20170224 and RIDB-13-30.0-20170224-FD (both from SDG 160-21233-1), samples RIDB-6-5.0-20170225 and RIDB-6-5.0-20170225-FD (both from SDG 160-21254-1), samples RIDB-4-10.0-20170307 and RIDB-4-10.0-20170307-FD (both from SDG 440-179022-3), samples RIDB-20-30.0-20170308** and RIDB-20-30.0-20170308-FD** (both from SDG 440-179153-3), samples RIDB-2-20.0-20170309 and RIDB-2-20.0-20170309-FD (both from SDG 440-179280-3), samples RIDB-17-30.0-20170309 and RIDB-17-30.0-20170309-FD (both from SDG 440-179280-3), samples RIDB-5-5.0-20170311 and RIDB-5-5.0-20170311-FD (both from SDG 440-179456-3), samples RIDB-7-0.5-20170312 and RIDB-7-0.5-20170312-FD (both from SDG 440-179456-3), samples RIDB-18-30.0-20170314 and RIDB-18-30.0-20170314-FD (both from SDG 440-179637-3), samples RIDB-28-10.0-20170323** and RIDB-28-10.0-20170323-FD** (both from SDG 440-180439-3), samples RIDB-22-1.0-20170327** and RIDB-22-1.0-20170327-FD** (both from SDG 440-180696-3), samples RI-7-20.0-20170408** and RI-7-20.0-20170408-FD** (both from SDG 440-181716-3), samples RI-8-10.0-20170422** and RI-8-10.0-20170422-FD** (both from SDG 440-182829-3), samples RI-12-30.0-20170503 and RI-12-30.0-20170503-FD (both from SDG 440-183574-3), samples RI-26-5.0-20170616 and RI-26-5.0-20170616-FD (both from SDG 440-186720-3) and samples RI-4-30.0-20170630 and RI-4-30.0-20170630-FD (both from SDG 440-187594-3) were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-8-30.0-20170222	RIDB-8-30.0-20170222-FD			
160-21233-1	Thorium 228	1.29	1.57	20 (≤50)	-	-
	Thorium 230	1.68	1.35	22 (≤50)	-	-
	Thorium 232	1.47	1.52	3 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-14-10.0-20170223	RIDB-14-10.0-20170223-FD			
160-21233-1	Thorium 228	1.35	1.42	5 (≤50)	-	-
	Thorium 230	1.33	1.49	11 (≤50)	-	-
	Thorium 232	1.23	1.17	5 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-13-30.0-20170224	RIDB-13-30.0-20170224-FD			
160-21233-1	Thorium 228	1.21	0.959	23 (≤50)	-	-
	Thorium 230	1.85	1.57	16 (≤50)	-	-
	Thorium 232	1.10	1.04	6 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-6-5.0-20170225	RIDB-6-5.0-20170225-FD			
160-21254-1	Thorium 228	1.44	1.75	19 (≤50)	-	-
	Thorium 230	1.06	1.09	3 (≤50)	-	-
	Thorium 232	1.24	1.75	34 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-4-10.0-20170307	RIDB-4-10.0-20170307-FD			
440-179022-3	Thorium 228	0.961	1.10	13 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-4-10.0-20170307	RIDB-4-10.0-20170307-FD			
440-179022-3	Thorium 230	6.09	5.80	5 (≤50)	-	-
	Thorium 232	1.20	1.02	16 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-20-30.0-20170308**	RIDB-20-30.0-20170308-FD**			
440-179153-3	Thorium 228	1.57	2.01	25 (≤50)	-	-
	Thorium 230	1.52	1.39	9 (≤50)	-	-
	Thorium 232	1.52	1.55	2 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-2-20.0-20170309	RIDB-2-20.0-20170309-FD			
440-179280-3	Thorium 228	1.49	1.14	27 (≤50)	-	-
	Thorium 230	2.68	1.98	30 (≤50)	-	-
	Thorium 232	1.63	1.08	41 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-17-30.0-20170309	RIDB-17-30.0-20170309-FD			
440-179280-3	Thorium 228	1.19	1.58	28 (≤50)	-	-
	Thorium 230	1.97	2.00	2 (≤50)	-	-
440-179280-3	Thorium 232	1.46	1.27	14 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-5-5.0-20170311	RIDB-5-5.0-20170311-FD			
440-179456-3	Thorium 228	1.65	1.86	12 (≤50)	-	-
	Thorium 230	1.82	2.20	19 (≤50)	-	-
	Thorium 232	1.63	1.48	10 (≤50)	-	-

**Indicates samples underwent Stage 4 validation

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-7-0.5-20170312	RIDB-7-0.5-20170312-FD			
440-179456-3	Thorium 228	1.92	1.77	8 (≤50)	-	-
	Thorium 230	1.11	1.24	11 (≤50)	-	-
	Thorium 232	1.66	1.63	2 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-18-30.0-20170314	RIDB-18-30.0-20170314-FD			
440-179637-3	Thorium 228	0.774	0.791	2 (≤50)	-	-
	Thorium 230	3.08	3.03	2 (≤50)	-	-
	Thorium 232	0.741	0.786	6 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-28-10.0-20170323**	RIDB-28-10.0-20170323-FD**			
440-180439-3	Thorium 228	1.63	1.73	6 (≤50)	-	-
	Thorium 230	1.25	1.20	4 (≤50)	-	-
	Thorium 232	1.32	1.57	17 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RIDB-22-1.0-20170327**	RIDB-22-1.0-20170327-FD**			
440-180696-3	Thorium 230	0.169	0.185	9 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RI-7-20.0-20170408**	RI-7-20.0-20170408-FD**			
440-181716-3	Thorium 228	1.76	2.12	19 (≤50)	-	-
	Thorium 230	3.22	3.25	1 (≤50)	-	-
	Thorium 232	1.93	1.98	3 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RI-8-10.0-20170422**	RI-8-10.0-20170422-FD**			
440-182829-3	Thorium 228	1.46	2.11	36 (≤50)	-	-
	Thorium 230	1.05	1.37	26 (≤50)	-	-
	Thorium 232	1.77	1.93	9 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RI-12-30.0-20170503	RI-12-30.0-20170503-FD			
440-183574-3	Thorium 228	1.62	1.32	20 (≤50)	-	-
	Thorium 230	3.29	3.29	0 (≤50)	-	-
	Thorium 232	1.53	1.66	8 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RI-26-5.0-20170616	RI-26-5.0-20170616-FD			
440-186720-3	Thorium 228	1.51	1.26	18 (≤50)	-	-
	Thorium 230	1.12	0.755	39 (≤50)	-	-
	Thorium 232	1.46	1.10	28 (≤50)	-	-

SDG	Isotope	Activity (pCi/g)		RPD (Limits)	Flag	A or P
		RI-4-30.0-20170630	RI-4-30.0-20170630-FD			
440-187594-3	Thorium 228	1.39	1.42	2 (≤50)	-	-
	Thorium 230	3.35	3.42	2 (≤50)	-	-
	Thorium 232	1.01	1.24	20 (≤50)	-	-

X. Tracer Recovery

All tracer recoveries were within validation criteria with the following exceptions:

SDG	Sample ID	Tracer Isotope	%R (Limits)	Affected Isotope	Flag	A or P
440-179153-3	RIDB-1-0.5-20170308**	Thorium 229	12.3 (30-110)	Thorium 228 Thorium 230 Thorium 232	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-179153-3	RIDB-1-0.5-20170308RE**	Thorium 229	21.0 (30-110)	Thorium 228 Thorium 230 Thorium 232	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A
440-181200-3	RIDB-23-1.0-20170403	Thorium 229	26.5 (30-110)	Thorium 228 Thorium 230 Thorium 232	J (all detects) UJ (all non-detects)	P
440-184950-3	RIDB-29-30.0-20170522	Thorium 229	119 (30-110)	Thorium 228 Thorium 230 Thorium 232	J (all detects) J (all detects) J (all detects)	P

XI. Minimum Detectable Concentration

All minimum detectable concentrations (MDC) met the requested limit.

XII. Sample Result Verification

All sample result verifications were acceptable for samples on which underwent Stage 4 validation. Raw data were not reviewed for Stage 2A and Stage 2B validation.

XIII. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in these SDGs.

In the case where more than one result was reported for an individual sample, the least technically acceptable results were deemed unusable as follows:

SDG	Sample	Compound	Flag	A or P
440-179153-3	RIDB-1-0.5-20170308RE**	Thorium 228 Thorium 230 Thorium 232	DNR	-

Due to MS/MSD %R, DUP RER and tracer %R, data were qualified as estimated in fifteen samples.

Due to laboratory blank contamination, data were qualified as estimated in twenty three samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the data validation all other results are considered valid and usable for all purposes.

**Indicates samples underwent Stage 4 validation

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SDG	Sample	Isotope	Flag	A or P	Reason (Code)
440-180193-3	RIDB-11-20.0-20170320 RIDB-11-30.0-20170321 RIDB-27-1.0-20170321	Thorium 230	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180331-3	RIDB-12-1.0-20170321 RIDB-12-5.0-20170321 RIDB-12-10.0-20170322 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321 RIDB-27-20.0-20170321 RIDB-27-30.0-20170321	Thorium 230	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-180193-3	RIDB-11-20.0-20170320 RIDB-11-30.0-20170321 RIDB-27-1.0-20170321	Thorium 230	J (all detects)	A	Duplicate sample analysis (RER) (ld)
440-180331-3	RIDB-12-1.0-20170321 RIDB-12-5.0-20170321 RIDB-12-10.0-20170322 RIDB-12-20.0-20170322 RIDB-12-30.0-20170322 RIDB-27-5.0-20170321 RIDB-27-10.0-20170321 RIDB-27-20.0-20170321 RIDB-27-30.0-20170321	Thorium 230	J (all detects)	A	Duplicate sample analysis (RER) (ld)
440-179153-3	RIDB-1-0.5-20170308**	Thorium 228 Thorium 230 Thorium 232	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A	Tracer recovery (%R) (o)
440-181200-3	RIDB-23-1.0-20170403	Thorium 228 Thorium 230 Thorium 232	J (all detects) UJ (all non-detects)	P	Tracer recovery (%R) (o)
440-184950-3	RIDB-29-30.0-20170522	Thorium 228 Thorium 230 Thorium 232	J (all detects) J (all detects) J (all detects)	P	Tracer recovery (%R) (o)
440-179153-3	RIDB-1-0.5-20170308RE**	Thorium 228 Thorium 230 Thorium 232	DNR	-	Overall assessment (o)

**Indicates samples underwent Stage 4 validation

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SDG	Sample	Isotope	Modified Final Activity	A or P	Code
160-21233-1	RIDB-9-1.0-20170222	Thorium 230	0.873J pCi/g	A	bl
160-21233-1	RIDB-9-5.0-20170222	Thorium 230	0.882J pCi/g	A	bl
160-21233-1	RIDB-14-1.0-20170223	Thorium 230	0.948J pCi/g	A	bl
160-21233-1	RIDB-14-5.0-20170223	Thorium 230	0.978J pCi/g	A	bl
160-21233-1	RIDB-10-1.0-20170223	Thorium 230	0.920J pCi/g	A	bl
160-21233-1	RIDB-10-5.0-20170223	Thorium 230	0.817J pCi/g	A	bl
160-21233-1	RIDB-10-10.0-20170224-EB*	Thorium 230	0.144J pCi/L	A	bl
440-179022-3	RIDB-20-1.0-20170307	Thorium 230	0.699J pCi/g	A	bl
440-179153-3	RIDB-1-30.0-20170308-EB*	Thorium 230	0.170J pCi/L	A	bl
440-179419-3	RIDB-3-0.5-20170310	Thorium 230	0.967J pCi/g	A	bl
440-179637-3	RIDB-18-10.0-20170314-EB*	Thorium 230	0.269J pCi/L	A	bl
440-180593-3	RIDB-24-1.0-20170323	Thorium 230	0.289J pCi/g	A	bl
440-180593-3	RIDB-26-1.0-20170323	Thorium 230	0.260J pCi/g	A	bl
440-180696-3	RIDB-22-1.0-20170327**	Thorium 230	0.169J pCi/g	A	bl
440-180696-3	RIDB-22-1.0-20170327-FD**	Thorium 230	0.185J pCi/g	A	bl
440-180819-3	RIDB-21-1.0-20170328	Thorium 230	0.300J pCi/g	A	bl
440-180819-3	RIDB-21-5.0-20170328	Thorium 230	0.215J pCi/g	A	bl

**Indicates samples underwent Stage 4 validation

SDG	Sample	Isotope	Modified Final Activity	A or P	Code
440-181200-3	RIDB-23-1.0-20170403	Thorium 230	0.231J pCi/g	A	bl
440-181200-3	RIDB-23-5.0-20170403	Thorium 230	0.352J pCi/g	A	bl
440-182494-3	RI-24-5.0-20170418	Thorium 230	0.331J pCi/g	A	bl
440-182494-3	RI-24-10.0-20170418	Thorium 230	0.742J pCi/g	A	bl
440-184858-3	RI-27-5.0-20170519	Thorium 230	0.947J pCi/g	A	bl
440-185476-3	RI-23-30.0-20170530	Thorium 228	0.732J pCi/g	A	bl

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No Sample Data Qualified in these SDGs