

**Data Validation Summary Report, Revision 1
Annual Remedial Performance Sampling
January through June 2020
Nevada Environmental Response Trust (NERT)
Henderson, Nevada**

Prepared for

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November 1, 2021

**2020 Annual Remedial Performance Report DVSR and EDD
January through June 2020,
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

Le Petomane XXVII, Inc., not individually, but solely in its representative capacity as the Nevada Environmental Response Trust Trustee

Signature: Jay A. Steinberg, not individually, but solely in his representative capacity as President of the Nevada Environmental Response Trust Trustee

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as President of the Trustee

Name: Jay A. Steinberg, not individually, but solely in his representative capacity as President of the Nevada Environmental Response Trust Trustee

Title: Solely as President and not individually

Company: Le Petomane XXVII, Inc., not individually, but solely in its representative capacity as the Nevada Environmental Response Trust Trustee

Date: 11/8/21

**Remedial Investigation Report for OU-1 and OU-2
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.



**John M. Pekala, PG
Principal**

11/1/2021

Date

Certified Environmental Manager
Ramboll US Consulting, Inc.
CEM Certificate Number: 2347
CEM Expiration Date: September 20, 2022

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LIST OF ACRONYMS AND ABBREVIATIONS

DL	Detection Limit
DNR	Do Not Report
DQO	Data Quality Objectives
DUP	Duplicate
DVSR	Data Validation Summary Report
EB	Equipment Blank
EPA	Environmental Protection Agency
FB	Field Blank
FD	Field Duplicate
LCS/LCSD	Laboratory Control Sample / Laboratory Control Sample Duplicate
LDC	Laboratory Data Consultants, Inc.
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
PARCCS	Precision, Accuracy, Representativeness, Comparability, Completeness, Sensitivity
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance / Quality Control
RPD	Relative Percent Difference
SAP	Sampling and Analysis Plan
SDG	Sample Delivery Group
SIM	Selective Ion Monitoring
SQL	Sample Quantitation Limit
TB	Trip Blank
TCP	1,2,3-Trichloropropane
TDS	Total Dissolved Solids
TIN	Total Inorganic Nitrogen
TOC	Total Organic Carbon
TOX	Total Organic Halogen
TRP	Total Recoverable Phenolics
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compounds
%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 from the Annual Remedial Performance Sampling conducted during January to June 2020 at the Nevada Environmental Response Trust (NERT) site in Henderson, Nevada. Data collection and management was performed in accordance with the *Remedial Performance Sampling and Analysis Plan, Revision 1, Nevada Environmental Response Trust Site, Henderson, Nevada* (SAP Revision 1) dated March 2020 and included the collection and analyses of 1041 environmental and quality control (QC) samples. In addition, sample M-99-20200512 was collected and analyzed; however, this sample was determined to be taken from residual water below the well screen; results are not representative of groundwater and the well is considered “dry”. This sample was not validated; therefore, analyte counts were not included in the DVSR and results are not included in the EDD. The analyses were performed by the following methods:

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

VOC by EPA SW-846 Method 8260B in Selective Ion Monitoring (SIM) Mode

Metals by EPA Methods 200.7

Wet Chemistry:

Hexavalent Chromium by EPA Method 218.6

Chloride, Nitrate as Nitrogen, Nitrite as Nitrogen, and Sulfate (Anions) by EPA Method 300.0

Nitrate/Nitrite as Nitrogen and Total Inorganic Nitrogen (TIN) by Calculation

Chlorate by EPA Method 300.1B

Perchlorate by EPA Method 314.0

Ammonia as Nitrogen by EPA Method 350.1

Total Recoverable Phenolics (TRP) by EPA Method 420.4

Conductivity by Standard Method 2510B

Total Dissolved Solids (TDS) by Standard Method 2540C

Total Organic Carbon (TOC) by Standard Method 5310C

Total Organic Halogen (TOX) by EPA SW 846 Method 9020B

Field pH by Field Test Method

Laboratory analytical services were provided by Eurofins. Field pH readings were recorded on the chain-of-custody at the time of sampling and reported with the analytical data. The samples were grouped into sample delivery groups (SDGs). The 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 on more than one SDG. 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 analytical data were validated according to Stage 2A data validation procedures. The number of analytical results for each method is presented in Table III.

The analytical data were evaluated for QA/QC based on the following documents: SAP Revision 1 (March 2020), *USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (January 2017) and *for Inorganic Superfund Methods Data Review* (January 2017); 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.

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.

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 7.0 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 (TB), equipment blanks (EB), field blanks (FB), field duplicates (FD), method blanks, laboratory control samples/laboratory control sample duplicates (LCS/LCSD), laboratory duplicates (DUP), and matrix spike/matrix spike duplicates (MS/MSD).

Before conducting the PARCCS evaluation, the analytical data were validated according to the NDEP Data Validation Guidance (July 2018), NFGs (USEPA 2017), 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 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.

This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate, or other spike recovery.

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 NDEP Data Validation Guidance (July 2018), 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):

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

where:

D1 = reported concentration for the sample

D2 = reported concentration for the duplicate

Precision is primarily assessed by calculating an RPD from the 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. An LCS is similar to an MS/MSD sample in that the LCS is spiked with the same target analytes prior to preparation and analysis. However, the LCS is prepared using a controlled interference-free matrix instead of a field sample aliquot. Laboratory reagent water is used to prepare aqueous LCS. The LCS measures laboratory efficiency in recovering target analytes from an aqueous 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 maybe reported in either the primary or duplicate samples at levels below the practical quantitation limit (PQL) or non-detected. Since these values are considered to be estimates, RPD exceedances from these duplicate pairs do not suggest a significant impact on the data quality.

Accuracy is a measure of the agreement of an experimental determination and the true value of the parameter being measured. It is used to identify bias in a given measurement system. Recoveries outside acceptable QC limits may be caused by factors such as instrumentation, analyst error, or matrix interference. Accuracy is assessed through the analysis of MS, MSD, LCS, and 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, 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.

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 effectiveness 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 SAP Revision 1 (March 2020), 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 detection limits (DLs), and PQLs presented in the SAP Revision 1 (March 2020) 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

All VOC data were assessed to be valid with the exception of four (4) of the 19,398 total results which were rejected based on MS/MSD %R exceedances. 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 Surrogates

All surrogate %Rs met the laboratory acceptance criteria.

2.1.2 MS/MSD Samples

Due to MS/MSD %Rs grossly outside the laboratory acceptance criteria (e.g., $\leq 0\%$), the styrene result in samples PC-130-20200507, PC-64-20200507-FD9, PC-40R-20200508, and MC-53-20200512-FD12 were qualified as rejected (R). Additionally, the ethyl tert-butyl ether result in sample M-80-20200513-FD4 and the styrene result in samples SWFTS-MW08C-20200505, MC-93-20200512, and M-80-20200513-FD4 were qualified non-detected estimated (UJ) as a result of MS/MSD %Rs below the laboratory acceptance criteria. The 1,1-dichloroethene result in sample UFMW-04D-20200514 was qualified as detected estimated (J+) as a result of MS/MSD %Rs above the laboratory acceptance criteria. The details regarding the qualification of results are provided in Attachment A.

In instances where MS/MSD %Rs and RPDs were above the laboratory acceptance criteria and the associated results were not detected or greater than 4X the spike concentration no data were qualified.

2.1.3 LCS/LCSD Samples

In instances where LCS/LCSD %Rs were above the laboratory acceptance criteria and the associated results were not detected, no data were qualified.

All LCS/LCSD RPDs met the laboratory acceptance criteria.

2.1.4 FD Samples

Due to RPDs outside the acceptance criteria of ≤ 30 , four (4) tetrachloroethene results that were reported above the PQL in field duplicate samples PC-28-20200507 and PC-28-20200507-FD5 and field duplicate samples PC-64-20200507 and PC-64-20200507-FD9 were qualified as detected estimated (J). The details regarding the qualification of results are presented in Attachment A.

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

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.

2.2.2 Blanks

Method blanks, TBs, 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 - 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. Reason codes are applied to distinguish if the blank concentration was above or below the PQL.

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. Reason codes are applied to distinguish if the blank concentration was above or below the PQL.

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. This approach is employed for all data sets collected for annual and semi-annual groundwater remedial performance sampling for the NERT site to ensure comparability.

2.2.2.1 Method Blanks

No contaminants were detected in the method blanks.

2.2.2.2 TBs

As a result of contamination found in the associated trip blank, the chloroform result in samples M-103-20200515, M-138-20200515-FB16, and M-186D-20200515 were qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment A.

2.2.2.3 EBs and FBs

As a result of contamination found in the associated equipment blanks, the chloroform result in samples PC-154-20200508 and M-205-20200512 were qualified as detected estimated (J+).

As a result of contamination found in the associated field blanks, the chloroform result in samples PC-55-20200506 and PC-142-20200507 were qualified as detected 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 99.98 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 SAP Revision 1 (March 2020).

3.0 VOLATILE ORGANIC COMPOUNDS SIM

All VOC SIM data were assessed to be valid since none of the 636 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.

3.1 Precision and Accuracy

3.1.1 Surrogates

As a result of high surrogate %Rs, the 1,4-dioxane result in samples M-115-20200513 and M-75-20200513 and the 1,2,3-trichloropropane result in samples M-115-20200513, M-69-20200513, M-75-20200513, M-79-20200513, and M-83-20200513 were qualified as detected estimated (J+). The details regarding the qualification of results are provided in Attachment B.

In instances where surrogate %Rs were above the laboratory acceptance criteria and the associated results were not detected no data were qualified.

3.1.2 MS/MSD Samples

As a result of a high MSD %R, the 1,2,3-trichloropropane result in sample DFW-03-20200513 was qualified as detected estimated (J+). The details regarding the qualification of results are provided in Attachment B.

All MS/MSD RPDs met the laboratory acceptance criteria.

3.1.3 LCS Samples

All LCS %Rs met the laboratory acceptance criteria.

3.1.4 FD Samples

Due to RPDs outside the acceptance criteria of ≤ 30 , two (2) 1,2,3-Trichloropropane results that were reported above the PQL in field duplicate samples PC-94-20200505 and PC-94-20200505-FD6 were qualified as detected estimated (J). The details regarding the qualification of results are presented in Attachment B.

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

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, TBs, 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.

3.2.2.1 Method Blanks

No contaminants were detected in the method blanks.

3.2.2.2 TBs

No contaminants were detected in the trip blanks.

3.2.2.3 EBs and FBs

No contaminants were detected in the equipment or field blanks.

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 VOC data is regarded as acceptable.

3.4 Completeness

The completeness level attained for VOC SIM 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 SAP Revision 1 (March 2020).

4.0 METALS

All metals data were assessed to be valid since none of the 756 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.

4.1 Precision and Accuracy

4.1.1 MS/MSD Samples

As a result of high MS/MSD %Rs, the chromium result in 16 samples were qualified as detected estimated (J+). The details regarding the qualification of results are provided in Attachment C.

In instances where MS/MSD %Rs were above the laboratory acceptance criteria and the associated results were not detected or greater than 4X the spike concentration no data were qualified.

All MS/MSD RPDs met the laboratory acceptance criteria.

4.1.2 LCS Samples

All LCS %Rs met the laboratory acceptance criteria.

4.1.3 FD Samples

The field duplicate samples were evaluated for acceptable precision with RPDs for the compounds. All RPDs for results that were reported above the PQL met the acceptance criteria.

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 180-day analysis holding time criteria.

4.2.2 Blanks

Method blanks, EBs, and FBs were analyzed to evaluate representativeness. The concentration for an individual target analyte 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 was less than the PQL, the sample result was qualified as estimated (J) at the reported concentration. Reason codes are applied to distinguish if the blank concentration was above or below the PQL.

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. Reason codes are applied to distinguish if the blank concentration was above or below the PQL.

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.

4.2.2.1 Method Blanks

As a result of contamination found in the associated method blanks, the chromium result in samples PC-115R-20200401, PC-116R-20200401-FD, PC-118-20200401, PC-120-20200401, PC-99R2/R3-20200401, and ART-2-20200401 were qualified as detected estimated (J). The details regarding the qualification of results are provided in Attachment C.

4.2.2.2 EBs and FBs

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

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 analytes detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the metals data is regarded as acceptable.

4.4 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.

4.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory PQLs were acceptable.

5.0 WET CHEMISTRY

All wet chemistry data were assessed to be valid since none of the 4,071 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.

5.1 Precision and Accuracy

5.1.1 Surrogate

The chlorate result in sample M-129-20200518 was qualified as detected estimated (J+) as a result of surrogate %R above the laboratory acceptance criteria. The details regarding the qualification of results are provided in Attachment D.

5.1.2 MS/MSD Samples

MS/MSD samples were evaluated for anions, hexavalent chromium, chlorate, perchlorate, and TOC.

Twenty-four (24) nitrate as nitrogen, 23 perchlorate, 14 chlorate, and 7 hexavalent chromium results were qualified as detected estimated (J-) or non-detected estimated (UJ) due to MS/MSD %Rs below the laboratory acceptance criteria.

Eighty-nine (89) nitrate as nitrogen, 40 perchlorate, and 19 hexavalent chromium results were qualified as detected estimated (J+) due to MS/MSD %Rs above the laboratory acceptance criteria.

Nine (9) perchlorate results were qualified as non-detected (UJ) due to MS/MSD RPDs above the laboratory acceptance criteria.

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

In instances where MS/MSD %Rs were above the laboratory acceptance criteria and the associated results were not detected or greater than 4X the spike concentration no data were qualified.

5.1.3 DUP Samples

DUP samples were evaluated for TDS and conductivity. All DUP RPDs met the laboratory criteria.

5.1.4 LCS Samples

All LCS %Rs met the laboratory acceptance criteria

5.1.5 FD Samples

Due to RPDs outside the acceptance criteria of ≤ 30 , two (2) chlorate results that were reported above the PQL in field duplicate samples ES-11-20200521 and ES-11-20200521-FD22 were qualified as detected estimated (J). The details regarding the qualification of results are presented in Attachment D.

5.2 Representativeness

5.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with all wet chemistry methods was conducted. All water samples met the 24-hour analysis holding time criteria for hexavalent chromium, 48-hour analysis holding time criteria for nitrite as nitrogen, and the 28-day analysis holding time criteria for ammonia as nitrogen, chlorate, chloride, conductivity, perchlorate, phenolics, sulfate, TOC, and TOX.

One (1) nitrate as nitrogen was qualified as detected estimated (J-) as a result of exceeding the analysis holding time criteria of 48 hours and two (2) TDS results were qualified as detected estimated (J-) as a result of exceeding the analysis holding time criteria of seven days.

5.2.2 Blanks

Method blanks, EBs, and FBs were 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 4.2.2.

5.2.2.1 Method Blanks

No contaminants were detected in the method blanks.

5.2.2.2 EBs and FBs

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

5.3 Comparability

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

In the case where more than one result was reported for an individual sample, the least technically acceptable results were deemed not reportable. Due to raised baseline from carryover of previous sample, the reanalysis nitrate as nitrogen result for sample M-73-20200511 was more usable.

5.4 Completeness

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

5.5 Sensitivity

The calibration was evaluated for instrument sensitivity and was determined to be technically acceptable. All laboratory PQLs were acceptable.

6.0 VARIANCES IN ANALYTICAL PERFORMANCE

The laboratory used standard analytical methods for all analyses throughout the project. The analyses were conducted within all specifications of the method.

No systematic variances in analytical performance were noted in the laboratory case narratives.

7.0 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.

7.1 Precision and Accuracy

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

All surrogate, MS/MSD, DUP, LCS/LCSD, and field duplicate percent recoveries and RPDs met acceptance criteria with the exceptions noted in Sections 2.1.2, 2.1.4, 3.1.1, 3.1.2, 3.1.4, 4.1.1, 5.1.1, 5.1.2 and 5.1.5.

7.2 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 5.2.1. All samples were associated with a method blank in each individual SDG. The representativeness of the project data is considered acceptable after integration of result qualification due to blank contamination as noted in Sections 2.2.2.2, 2.2.2.3, and 4.2.2.1.

7.3 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 and sample preservation and holding times were within QC criteria with the exception noted in Section 5.2.1. The overall comparability is considered acceptable after integration of result qualification.

7.4 Completeness

Of the 24,861 total analytes reported, four (4) of the results were rejected. The completeness for the SDGs is as follows:

Parameter	Total Number of Validated Results	Number of Rejected Results	Percent Completeness
VOC	19,398	4	99.98
VOC SIM	636	0	100
Metals	756	0	100
Wet Chemistry:			
CrVI	401	0	100
Anions	690	0	100
TIN and NO3/NO2-N	4	0	100
Chlorate	1004	0	100
Perchlorate	1014	0	100
Ammonia-N	2	0	100
Total Recoverable Phenolics	4	0	100
Conductivity	4	0	100
TDS	940	0	100
TOC	4	0	100
TOX	4	0	100
Total	24,861	4	99.98

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

7.5 Sensitivity

Sensitivity was achieved by the laboratory to support the DQOs. Calibration concentrations, VOC SQLs, metals and wet chemistry PQLs met the project requirements and low-level contamination in the method blanks, trip blanks, equipment blanks, and field blanks did not affect sensitivity.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The analytical data quality assessment for the water sample laboratory analytical results generated during the January to June 2020 Annual Remedial Performance Sampling 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 data validation, all other results are considered valid and usable for all purposes.

9.0 REFERENCES

- American Public Health Association 2012. Standard Method for the Examination of Water and Wastewater (22nd ed.). Washington, DC: American Public Health Association; Rice, Baird, Eaton, and Clesceri.
- NDEP 2018. NDEP Data Validation Guidance. July.
- NDEP. 2018b. Email from NDEP to the Trust regarding Multiple Results Reported. December 7.
- Ramboll 2020. Remedial Performance Sampling and Analysis Plan, Nevada Environmental Response Trust Site, Henderson, Nevada. March 9. NDEP approved April 30, 2020.
- Region 9 Superfund Data Evaluation/Validation Guidance, R6QA/006.1, Draft. December 2001.
- USEPA 1983. EPA Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Cincinnati, Ohio. March.
- USEPA 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.+
- USEPA 2017. USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review. January.
- USEPA 2017. USEPA National Functional Guidelines for Superfund Organic Methods Data Review. January.

TABLES

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47469A	4402585261	ART-1A-20200106	440-258526-1	01/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47469A	4402585261	ART-2-20200106	440-258526-2	01/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47469A	4402585261	ART-3A-20200106	440-258526-3	01/06/20	Stage 2A	Water	FD1				X	X	X		X	X				X			X
47469A	4402585261	ART-4-20200106	440-258526-4	01/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47469A	4402585261	ART-7B-20200106	440-258526-5	01/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47469A	4402585261	ART-8A-20200106	440-258526-6	01/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47469A	4402585261	ART-9-20200106	440-258526-7	01/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47469A	4402585261	PC-150-20200106	440-258526-8	01/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47469A	4402585261	ART-4-20200106-EB	440-258526-9	01/06/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47469A	4402585261	ART-3A-20200106-FD	440-258526-10	01/06/20	Stage 2A	Water	FD1				X	X	X		X	X				X			X
47469B	4402586161	PC-99R2/R3-20200107	440-258616-1	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469B	4402586161	PC-115R-20200107	440-258616-2	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469B	4402586161	PC-116R-20200107	440-258616-3	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469B	4402586161	PC-118-20200107	440-258616-4	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469B	4402586161	PC-119-20200107	440-258616-5	01/07/20	Stage 2A	Water	FD2				X	X	X		X	X				X			X
47469B	4402586161	PC-120-20200107	440-258616-6	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469B	4402586161	PC-121-20200107	440-258616-7	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469B	4402586161	PC-117-20200107	440-258616-8	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469B	4402586161	PC-119-20200107-FD	440-258616-9	01/07/20	Stage 2A	Water	FD2				X	X	X		X	X				X			X
47469B	4402586161	PC-133-20200107	440-258616-10	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469B	4402586161	PC-120-20200107-EB	440-258616-11	01/07/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47469C	4402586171	E1-1-20200107	440-258617-1	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469C	4402586171	E1-2-20200107	440-258617-2	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469C	4402586171	E1-3-20200107	440-258617-3	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469C	4402586171	E2-1-20200107	440-258617-4	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469C	4402586171	E2-2-20200107	440-258617-5	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469C	4402586171	E2-3-20200107	440-258617-6	01/07/20	Stage 2A	Water	FD3				X	X	X		X	X				X			X
47469C	4402586171	E2-4-20200107	440-258617-7	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469C	4402586171	E2-5-20200107	440-258617-8	01/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47469C	4402586171	E2-3-20200107-FD	440-258617-9	01/07/20	Stage 2A	Water	FD3				X	X	X		X	X				X			X
47469C	4402586171	E2-4-20200107-EB	440-258617-10	01/07/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47469D	4402587231	I-AD-20200108	440-258723-1	01/08/20	Stage 2A	Water					X	X	X		X	X				X			X
47469D	4402587231	I-AC-20200108	440-258723-2	01/08/20	Stage 2A	Water					X	X	X		X	X				X			X

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LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate /Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47469D	4402587231	I-K-20200108	440-258723-3	01/08/20	Stage 2A	Water					X	X	X		X	X				X			X
47469D	4402587231	I-J-20200108	440-258723-4	01/08/20	Stage 2A	Water					X	X	X		X	X				X			X
47469D	4402587231	I-Z-20200108	440-258723-5	01/08/20	Stage 2A	Water					X	X	X		X	X				X			X
47469D	4402587231	I-I-20200108	440-258723-6	01/08/20	Stage 2A	Water					X	X	X		X	X				X			X
47469D	4402587231	I-V-20200108	440-258723-7	01/08/20	Stage 2A	Water					X	X	X		X	X				X			X
47469E	4402588221	I-AA-20200109	440-258822-1	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469E	4402588221	I-AB-20200109	440-258822-2	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469E	4402588221	I-B-20200109	440-258822-3	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469E	4402588221	I-R-20200109	440-258822-4	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469E	4402588221	I-Y-20200109	440-258822-5	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469E	4402588221	I-L-20200109	440-258822-6	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469E	4402588221	I-S-20200109	440-258822-7	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469E	4402588221	I-AR-20200109	440-258822-8	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469E	4402588221	I-AR-20200109-EB	440-258822-9	01/09/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47469F	4402588231	PC-118-20200109	440-258823-1	01/09/20	Stage 2A	Water										X							
47469G	4402588241	I-F-20200109	440-258824-1	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469G	4402588241	I-X-20200109	440-258824-2	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469G	4402588241	I-N-20200109	440-258824-3	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469G	4402588241	I-E-20200109	440-258824-4	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469G	4402588241	I-M-20200109	440-258824-5	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469G	4402588241	I-D-20200109	440-258824-6	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469G	4402588241	I-C-20200109	440-258824-7	01/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47469H	4402590001	I-O-20200113	440-259000-1	01/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47469H	4402590001	I-W-20200113	440-259000-2	01/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47469H	4402590001	I-P-20200113	440-259000-3	01/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47469H	4402590001	I-H-20200113	440-259000-4	01/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47469H	4402590001	I-U-20200113	440-259000-5	01/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47469H	4402590001	I-T-20200113	440-259000-6	01/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47469H	4402590001	I-G-20200113	440-259000-7	01/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47469H	4402590001	I-Q-20200113	440-259000-8	01/13/20	Stage 2A	Water	FD4				X	X	X		X	X				X			X
47469H	4402590001	I-Q-20200113-FD	440-259000-9	01/13/20	Stage 2A	Water	FD4				X	X	X		X	X				X			X
47469I	4402591451	LVW0.55-0.8-20200113	440-259145-1	01/13/20	Stage 2A	Water	FD5								X	X				X			
47469I	4402591451	LVW0.55-0.8-20200113-FD	440-259145-2	01/13/20	Stage 2A	Water	FD5								X	X				X			

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LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47469I	4402591451	LVW3.5-1-1.4-20200113	440-259145-3	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW3.5-2-1.2-20200113	440-259145-4	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW3.5-3-1.8-20200113	440-259145-5	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW3.5-4-2.1-20200113	440-259145-6	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW3.5-5-2.0-20200113	440-259145-7	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW3.5-6-1.8-20200113	440-259145-8	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW4.2-1-1.4-20200113	440-259145-9	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW4.2-2-2.4-20200113	440-259145-10	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW4.2-3-2.5-20200113	440-259145-11	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW4.2-4-1.8-20200113	440-259145-12	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW4.75-1-1.0-20200113	440-259145-13	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW4.75-2-1.1-20200113	440-259145-14	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW4.75-3-0.8-20200113	440-259145-15	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW4.75-4-1.0-20200113	440-259145-16	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW4.75-5-0.8-20200113	440-259145-17	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW5.3-1-3.0-20200113	440-259145-18	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW5.3-2-0.5-20200113	440-259145-19	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW5.3-3-0.4-20200113	440-259145-20	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW5.3-4-0.5-20200113	440-259145-21	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW5.3-5-0.6-20200113	440-259145-22	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW5.3-6-0.5-20200113	440-259145-23	01/13/20	Stage 2A	Water									X	X				X			
47469I	4402591451	C1-E-0.0-20200114	440-259145-24	01/14/20	Stage 2A	Water									X	X				X			
47469I	4402591451	C1-W-0.0-20200114	440-259145-25	01/14/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW6.05-0.6-20200114	440-259145-26	01/14/20	Stage 2A	Water	FD6								X	X				X			
47469I	4402591451	LVW6.05-0.6-20200114-FD	440-259145-27	01/14/20	Stage 2A	Water	FD6								X	X				X			
47469I	4402591451	LVW6.05-20200114-FB	440-259145-28	01/14/20	Stage 2A	Water	FB								X	X				X			
47469I	4402591451	LVW6.6-1-1.2-20200114	440-259145-29	01/14/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW6.6-2-2.3-20200114	440-259145-30	01/14/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW6.6-3-0.4-20200114	440-259145-31	01/14/20	Stage 2A	Water									X	X				X			
47469I	4402591451	LVW7.2-0.7-20200114	440-259145-32	01/14/20	Stage 2A	Water	FD7								X	X				X			
47469I	4402591451	LVW7.2-0.7-20200114-FD	440-259145-33	01/14/20	Stage 2A	Water	FD7								X	X				X			
47469I	4402591451	LVW7.2-20200114-FB	440-259145-34	01/14/20	Stage 2A	Water	FB								X	X				X			
47469I	4402591451	LVW8.85-0.7-20200114	440-259145-35	01/14/20	Stage 2A	Water									X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47469J	4402591601	ART-6-20200115	440-259160-1	01/15/20	Stage 2A	Water					X	X	X		X	X				X			X
47550A	4402602251	M-44-20200204	440-260225-1	02/04/20	Stage 2A	Water					X	X				X				X			
47550A	4402602251	M-44-20200204-FB4	440-260225-2	02/04/20	Stage 2A	Water	FB				X	X				X				X			
47550A	4402602251	M-38-20200204	440-260225-3	02/04/20	Stage 2A	Water					X	X				X				X			
47550A	4402602251	M-37-20200204	440-260225-4	02/04/20	Stage 2A	Water					X	X				X				X			
47550B	4402602261	M-12A-20200204	440-260226-1	02/04/20	Stage 2A	Water					X	X				X				X			
47550B	4402602261	M-12A-20200204-EB4	440-260226-2	02/04/20	Stage 2A	Water	EB				X	X				X				X			
47550B	4402602261	M-11-20200204	440-260226-3	02/04/20	Stage 2A	Water	FD8				X	X				X				X			
47550B	4402602261	M-11-20200204-FD4	440-260226-4	02/04/20	Stage 2A	Water	FD8				X	X				X				X			
47550B	4402602261	M-80-20200204	440-260226-5	02/04/20	Stage 2A	Water					X	X				X				X			
47550C	4402602271	M-10-20200204	440-260227-1	02/04/20	Stage 2A	Water			X		X	X	X	X		X	X			X			
47550D	4402604191	PC-99R2/R3-20200206	440-260419-1	02/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47550D	4402604191	PC-115R-20200206	440-260419-2	02/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47550D	4402604191	PC-116R-20200206	440-260419-3	02/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47550D	4402604191	PC-118-20200206	440-260419-4	02/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47550D	4402604191	PC-119-20200206	440-260419-5	02/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47550D	4402604191	PC-120-20200206	440-260419-6	02/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47550D	4402604191	PC-121-20200206	440-260419-7	02/06/20	Stage 2A	Water	FD9				X	X	X		X					X			X
47550D	4402604191	PC-117-20200206	440-260419-8	02/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47550D	4402604191	PC-133-20200206	440-260419-9	02/06/20	Stage 2A	Water					X	X	X		X	X				X			X
47550D	4402604191	PC-121-20200206- FD	440-260419-10	02/06/20	Stage 2A	Water	FD9				X	X	X		X					X			X
47550D	4402604191	PC-133-20200206- EB	440-260419-11	02/06/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47550E	4402604621	LVW0.55-1.0-20200205	440-260462-1	02/05/20	Stage 2A	Water	FD10								X	X				X			
47550E	4402604621	LVW3.5-1-0.8-20200205	440-260462-2	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW3.5-2-1.2-20200205	440-260462-3	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW3.5-3-2.3-20200205	440-260462-4	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW3.5-4-2.0-20200205	440-260462-5	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW3.5-5-1.9-20200205	440-260462-6	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW3.5-6-1.8-20200205	440-260462-7	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW4.2-1-1.3-20200205	440-260462-8	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW4.2-2-2.1-20200205	440-260462-9	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW4.2-3-2.6-20200205	440-260462-10	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW4.2-4-1.8-20200205	440-260462-11	02/05/20	Stage 2A	Water									X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47550E	4402604621	LVW4.75-1-0.9-20200205	440-260462-12	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW4.75-2-1.0-20200205	440-260462-13	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW4.75-3-0.8-20200205	440-260462-14	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW4.75-4-1.0-20200205	440-260462-15	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW4.75-5-0.8-20200205	440-260462-16	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW5.3-1-3.0-20200205	440-260462-17	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW5.3-2-1.2-20200205	440-260462-18	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW5.3-3-0.8-20200205	440-260462-19	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW5.3-4-2.1-20200205	440-260462-20	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW5.3-5-0.6-20200205	440-260462-21	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW5.3-6-0.5-20200205	440-260462-22	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	C1-E-0.0-20200205	440-260462-23	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	C1-W-0.0-20200205	440-260462-24	02/05/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW6.05-0.7-20200206	440-260462-25	02/06/20	Stage 2A	Water	FD11								X	X				X			
47550E	4402604621	LVW6.05-0.7-20200206-FD	440-260462-26	02/06/20	Stage 2A	Water	FD11								X	X				X			
47550E	4402604621	LVW6.05-20200206-FB	440-260462-27	02/06/20	Stage 2A	Water	FB								X	X				X			
47550E	4402604621	LVW6.6-1-1.4-20200206	440-260462-28	02/06/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW6.6-2-1.7-20200206	440-260462-29	02/06/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW6.6-3-0.5-20200206	440-260462-30	02/06/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW7.2-0.7-20200206	440-260462-31	02/06/20	Stage 2A	Water	FD12								X	X				X			
47550E	4402604621	LVW7.2-0.7-20200206-FD	440-260462-32	02/06/20	Stage 2A	Water	FD12								X	X				X			
47550E	4402604621	LVW7.2-20200206-FB	440-260462-33	02/06/20	Stage 2A	Water	FB								X	X				X			
47550E	4402604621	LVW8.85-1.0-20200206	440-260462-34	02/06/20	Stage 2A	Water									X	X				X			
47550E	4402604621	LVW0.55-1.0-20200205-FD	440-260462-35	02/05/20	Stage 2A	Water	FD10								X	X				X			
47550F	4402606261	ART-1-20200210	440-260626-1	02/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47550F	4402606261	ART-2-20200210	440-260626-2	02/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47550F	4402606261	ART-3-20200210	440-260626-3	02/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47550F	4402606261	ART-4-20200210	440-260626-4	02/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47550F	4402606261	ART-7B-20200210	440-260626-5	02/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47550F	4402606261	ART-8-20200210	440-260626-6	02/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47550F	4402606261	ART-9-20200210	440-260626-7	02/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47550F	4402606261	PC-150-20200210	440-260626-8	02/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47550F	4402606261	ART-6-20200210-FD	440-260626-9	02/10/20	Stage 2A	Water	FD13				X	X	X		X	X				X			X

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate /Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47550F	4402606261	ART-7B-20200210-EB	440-260626-10	02/10/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47550F	4402606261	ART-6-20200210	440-260626-11	02/10/20	Stage 2A	Water	FD13				X	X	X		X	X				X			X
47550G	4402607221	E1-1-20200211	440-260722-1	02/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47550G	4402607221	E1-2-20200211	440-260722-2	02/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47550G	4402607221	E1-3-20200211	440-260722-3	02/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47550G	4402607221	E2-1-20200211	440-260722-4	02/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47550G	4402607221	E2-2-20200211	440-260722-5	02/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47550G	4402607221	E2-3-20200211	440-260722-6	02/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47550G	4402607221	E2-4-20200211	440-260722-7	02/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47550G	4402607221	E2-5-20200211	440-260722-8	02/11/20	Stage 2A	Water	FD14				X	X	X		X	X				X			X
47550G	4402607221	E2-5-20200211-FD	440-260722-9	02/11/20	Stage 2A	Water	FD14				X	X	X		X	X				X			X
47550G	4402607221	E1-1-20200211-EB	440-260722-10	02/11/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47550H	4402608241	I-AA-20200212	440-260824-1	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550H	4402608241	I-AB-20200212	440-260824-2	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550H	4402608241	I-B-20200212	440-260824-3	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550H	4402608241	I-R-20200212	440-260824-4	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550H	4402608241	I-Y-20200212	440-260824-5	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550H	4402608241	I-L-20200212	440-260824-6	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550H	4402608241	I-S-20200212	440-260824-7	02/12/20	Stage 2A	Water	FD15				X	X	X		X	X				X			X
47550H	4402608241	I-AR-20200212	440-260824-8	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550H	4402608241	I-S-20200212-FD	440-260824-9	02/12/20	Stage 2A	Water	FD15				X	X	X		X	X				X			X
47550I	4402608251	I-F-20200212	440-260825-1	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550I	4402608251	I-X-20200212	440-260825-2	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550I	4402608251	I-N-20200212	440-260825-3	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550I	4402608251	I-E-20200212	440-260825-4	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550I	4402608251	I-M-20200212	440-260825-5	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550I	4402608251	I-D-20200212	440-260825-6	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550I	4402608251	I-C-20200212	440-260825-7	02/12/20	Stage 2A	Water					X	X	X		X	X				X			X
47550J	4402609481	I-O-20200213	440-260948-1	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550J	4402609481	I-W-20200213	440-260948-2	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550J	4402609481	I-P-20200213	440-260948-3	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550J	4402609481	I-H-20200213	440-260948-4	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550J	4402609481	I-U-20200213	440-260948-5	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47550J	4402609481	I-T-20200213	440-260948-6	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550J	4402609481	I-G-20200213	440-260948-7	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550J	4402609481	I-Q-20200213	440-260948-8	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550J	4402609481	I-T-20200213-EB	440-260948-9	02/13/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47550K	4402609491	I-AD-20200213	440-260949-1	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550K	4402609491	I-AC-20200213	440-260949-2	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550K	4402609491	I-K-20200213	440-260949-3	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550K	4402609491	I-J-20200213	440-260949-4	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550K	4402609491	I-Z-20200213	440-260949-5	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550K	4402609491	I-I-20200213	440-260949-6	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550K	4402609491	I-V-20200213	440-260949-7	02/13/20	Stage 2A	Water					X	X	X		X	X				X			X
47550L	4402617801	PC-121-20200227	440-261780-1	02/27/20	Stage 2A	Water	FD16									X							
47550L	4402617801	PC-121-20200227-FD	440-261780-2	02/27/20	Stage 2A	Water	FD16									X							
47892A	4402619931	E1-1-20200303	440-261993-1	03/03/20	Stage 2A	Water					X	X	X		X	X				X			X
47892A	4402619931	E1-2-20200303	440-261993-2	03/03/20	Stage 2A	Water	FD17				X	X	X		X	X				X			X
47892A	4402619931	E1-3-20200303	440-261993-3	03/03/20	Stage 2A	Water					X	X	X		X	X				X			X
47892A	4402619931	E2-1-20200303	440-261993-4	03/03/20	Stage 2A	Water					X	X	X		X	X				X			X
47892A	4402619931	E2-2-20200303	440-261993-5	03/03/20	Stage 2A	Water					X	X	X		X	X				X			X
47892A	4402619931	E2-3-20200303	440-261993-6	03/03/20	Stage 2A	Water					X	X	X		X	X				X			X
47892A	4402619931	E2-4-20200303	440-261993-7	03/03/20	Stage 2A	Water					X	X	X		X	X				X			X
47892A	4402619931	E2-5-20200303	440-261993-8	03/03/20	Stage 2A	Water					X	X	X		X	X				X			X
47892A	4402619931	E1-2-20200303-FD	440-261993-9	03/03/20	Stage 2A	Water	FD17				X	X	X		X	X				X			X
47892A	4402619931	E1-3-20200303-EB	440-261993-10	03/03/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47892B	4402620991	PC-99R2/R3-20200304	440-262099-1	03/04/20	Stage 2A	Water	FD18				X	X	X		X	X				X			X
47892B	4402620991	PC-115R-20200304	440-262099-2	03/04/20	Stage 2A	Water					X	X	X		X	X				X			X
47892B	4402620991	PC-116R-20200304	440-262099-3	03/04/20	Stage 2A	Water					X	X	X		X	X				X			X
47892B	4402620991	PC-118-20200304	440-262099-4	03/04/20	Stage 2A	Water					X	X	X		X	X				X			X
47892B	4402620991	PC-119-20200304	440-262099-5	03/04/20	Stage 2A	Water					X	X	X		X	X				X			X
47892B	4402620991	PC-120-20200304	440-262099-6	03/04/20	Stage 2A	Water					X	X	X		X	X				X			X
47892B	4402620991	PC-121-20200304	440-262099-7	03/04/20	Stage 2A	Water					X	X	X		X	X				X			X
47892B	4402620991	PC-117-20200304	440-262099-8	03/04/20	Stage 2A	Water					X	X	X		X	X				X			X
47892B	4402620991	PC-133-20200304	440-262099-9	03/04/20	Stage 2A	Water					X	X	X		X	X				X			X
47892B	4402620991	PC-99R2/R3-20200304-FD	440-262099-10	03/04/20	Stage 2A	Water	FD18				X	X	X		X	X				X			X

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47892B	4402620991	PC-115R-20200304-EB	440-262099-11	03/04/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47892C	4402621881	ART-1-20200305	440-262188-1	03/05/20	Stage 2A	Water					X	X	X		X	X				X			X
47892C	4402621881	ART-2-20200305	440-262188-2	03/05/20	Stage 2A	Water					X	X	X		X	X				X			X
47892C	4402621881	ART-3-20200305	440-262188-3	03/05/20	Stage 2A	Water					X	X	X		X	X				X			X
47892C	4402621881	ART-4-20200305	440-262188-4	03/05/20	Stage 2A	Water					X	X	X		X	X				X			X
47892C	4402621881	ART-7-20200305	440-262188-5	03/05/20	Stage 2A	Water					X	X	X		X	X				X			X
47892C	4402621881	ART-8-20200305	440-262188-6	03/05/20	Stage 2A	Water	FD19				X	X	X		X	X				X			X
47892C	4402621881	ART-9-20200305	440-262188-7	03/05/20	Stage 2A	Water					X	X	X		X	X				X			X
47892C	4402621881	PC-150-20200305	440-262188-8	03/05/20	Stage 2A	Water					X	X	X		X	X				X			X
47892C	4402621881	ART-8-20200305-FD	440-262188-9	03/05/20	Stage 2A	Water	FD19				X	X	X		X	X				X			X
47892C	4402621881	ART-9-20200305-EB	440-262188-10	03/05/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47892C	4402621881	ART-6-20200305	440-262188-11	03/05/20	Stage 2A	Water					X	X	X		X	X				X			X
47892D	4402623361	LVW0.55-1.7-20200305	440-262336-1	03/05/20	Stage 2A	Water	FD20								X	X				X			
47892D	4402623361	LVW3.5-1-0.7-20200305	440-262336-2	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW3.5-2-0.8-20200305	440-262336-3	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW3.5-3-1.5-20200305	440-262336-4	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW3.5-4-1.7-20200305	440-262336-5	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW3.5-5-1.8-20200305	440-262336-6	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW3.5-6-1.5-20200305	440-262336-7	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW0.55-1.7-20200305-FD	440-262336-8	03/05/20	Stage 2A	Water	FD20								X	X				X			
47892D	4402623361	LVW4.2-1-1.2-20200305	440-262336-9	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW4.2-2-2.0-20200305	440-262336-10	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW4.2-3-2.8-20200305	440-262336-11	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW4.2-4-1.5-20200305	440-262336-12	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW4.75-1-1.1-20200305	440-262336-13	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW4.75-2-0.9-20200305	440-262336-14	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW4.75-3-0.8-20200305	440-262336-15	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW4.75-4-1.0-20200305	440-262336-16	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW4.75-5-0.7-20200305	440-262336-17	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW5.3-1-3.0-20200305	440-262336-18	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW5.3-2-0.8-20200305	440-262336-19	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW5.3-3-0.5-20200305	440-262336-20	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW5.3-4-0.6-20200305	440-262336-21	03/05/20	Stage 2A	Water									X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47892D	4402623361	LVW5.3-5-0.6-20200305	440-262336-22	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW5.3-6-1.3-20200305	440-262336-23	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	C1-E-0.0-20200305	440-262336-24	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	C1-W-0.0-20200305	440-262336-25	03/05/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW6.05-0.5-20200306	440-262336-26	03/06/20	Stage 2A	Water	FD21								X	X				X			
47892D	4402623361	LVW6.05-0.5-20200306-FD	440-262336-27	03/06/20	Stage 2A	Water	FD21								X	X				X			
47892D	4402623361	LVW6.05-20200306-FB	440-262336-28	03/06/20	Stage 2A	Water	FB								X	X				X			
47892D	4402623361	LVW6.6-1-1.1-20200306	440-262336-29	03/06/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW6.6-2-1.3-20200306	440-262336-30	03/06/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW6.6-3-0.5-20200306	440-262336-31	03/06/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW7.2-0.7-20200306	440-262336-32	03/06/20	Stage 2A	Water	FD22								X	X				X			
47892D	4402623361	LVW7.2-0.7-20200306-FD	440-262336-33	03/06/20	Stage 2A	Water	FD22								X	X				X			
47892D	4402623361	LVW8.85-0.5-20200306	440-262336-34	03/06/20	Stage 2A	Water									X	X				X			
47892D	4402623361	LVW8.85-20200306-FB	440-262336-35	03/06/20	Stage 2A	Water	FB								X	X				X			
47892E	4402624011	I-AD-20200309	440-262401-1	03/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47892E	4402624011	I-AC-20200309	440-262401-2	03/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47892E	4402624011	I-K-20200309	440-262401-3	03/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47892E	4402624011	I-J-20200309	440-262401-4	03/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47892E	4402624011	I-Z-20200309	440-262401-5	03/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47892E	4402624011	I-I-20200309	440-262401-6	03/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47892E	4402624011	I-V-20200309	440-262401-7	03/09/20	Stage 2A	Water					X	X	X		X	X				X			X
47892E	4402624011	I-V-20200309-EB	440-262401-8	03/09/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47892F	4402624921	I-F-20200310	440-262492-1	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892F	4402624921	I-X-20200310	440-262492-2	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892F	4402624921	I-N-20200310	440-262492-3	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892F	4402624921	I-E-20200310	440-262492-4	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892F	4402624921	I-M-20200310	440-262492-5	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892F	4402624921	I-D-20200310	440-262492-6	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892F	4402624921	I-C-20200310	440-262492-7	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892G	4402624941	I-AA-20200310	440-262494-1	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892G	4402624941	I-AB-20200310	440-262494-2	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892G	4402624941	I-B-20200310	440-262494-3	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892G	4402624941	I-R-20200310	440-262494-4	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate /Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47892G	4402624941	I-Y-20200310	440-262494-5	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892G	4402624941	I-L-20200310	440-262494-6	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892G	4402624941	I-S-20200310	440-262494-7	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892G	4402624941	I-AR-20200310	440-262494-8	03/10/20	Stage 2A	Water					X	X	X		X	X				X			X
47892H	4402626521	I-O-20200311	440-262652-1	03/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47892H	4402626521	I-W-20200311	440-262652-2	03/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47892H	4402626521	I-P-20200311	440-262652-3	03/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47892H	4402626521	I-H-20200311	440-262652-4	03/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47892H	4402626521	I-U-20200311	440-262652-5	03/11/20	Stage 2A	Water	FD23				X	X	X		X	X				X			X
47892H	4402626521	I-T-20200311	440-262652-6	03/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47892H	4402626521	I-G-20200311	440-262652-7	03/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47892H	4402626521	I-Q-20200311	440-262652-8	03/11/20	Stage 2A	Water					X	X	X		X	X				X			X
47892H	4402626521	I-U-20200311-FD	440-262652-9	03/11/20	Stage 2A	Water	FD23				X	X	X		X	X				X			X
47979A	4402638871	PC-99R2/R3-20200401	440-263887-1	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979A	4402638871	PC-115R-20200401	440-263887-2	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979A	4402638871	PC-116R-20200401	440-263887-3	04/01/20	Stage 2A	Water	FD24				X	X	X		X	X				X			X
47979A	4402638871	PC-118-20200401	440-263887-4	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979A	4402638871	PC-119-20200401	440-263887-5	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979A	4402638871	PC-120-20200401	440-263887-6	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979A	4402638871	PC-121-20200401	440-263887-7	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979A	4402638871	PC-117-20200401	440-263887-8	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979A	4402638871	PC-133-20200401	440-263887-9	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979A	4402638871	PC-116R-20200401-FD	440-263887-10	04/01/20	Stage 2A	Water	FD24				X	X	X		X	X				X			X
47979A	4402638871	PC-117-20200401-EB	440-263887-11	04/01/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47979B	4402638881	ART-1-20200401	440-263888-1	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979B	4402638881	ART-2-20200401	440-263888-2	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979B	4402638881	ART-3-20200401	440-263888-3	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979B	4402638881	ART-4-20200401	440-263888-4	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979B	4402638881	ART-7B-20200401	440-263888-5	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979B	4402638881	ART-8-20200401	440-263888-6	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979B	4402638881	ART-9-20200401	440-263888-7	04/01/20	Stage 2A	Water					X	X	X		X	X				X			X
47979B	4402638881	PC-150-20200401	440-263888-8	04/01/20	Stage 2A	Water	FD25				X	X	X		X	X				X			X
47979B	4402638881	PC-150-20200401-FD	440-263888-9	04/01/20	Stage 2A	Water	FD25				X	X	X		X	X				X			X

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate /Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47979B	4402638881	ART-1-20200401-EB	440-263888-10	04/01/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47979C	4402639471	I-F-20200402	440-263947-1	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979C	4402639471	I-X-20200402	440-263947-2	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979C	4402639471	I-N-20200402	440-263947-3	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979C	4402639471	I-E-20200402	440-263947-4	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979C	4402639471	I-M-20200402	440-263947-5	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979C	4402639471	I-D-20200402	440-263947-6	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979C	4402639471	I-C-20200402	440-263947-7	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979C	4402639471	I-X-20200402-EB	440-263947-8	04/02/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47979D	4402639631	I-O-20200402	440-263963-1	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979D	4402639631	I-W-20200402	440-263963-2	04/02/20	Stage 2A	Water	FD26				X	X	X		X	X				X			X
47979D	4402639631	I-P-20200402	440-263963-3	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979D	4402639631	I-H-20200402	440-263963-4	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979D	4402639631	I-U-20200402	440-263963-5	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979D	4402639631	I-T-20200402	440-263963-6	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979D	4402639631	I-G-20200402	440-263963-7	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979D	4402639631	I-Q-20200402	440-263963-8	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979D	4402639631	I-W-20200402-FD	440-263963-9	04/02/20	Stage 2A	Water	FD26				X	X	X		X	X				X			X
47979E	4402639641	I-AD-20200402	440-263964-1	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979E	4402639641	I-AC-20200402	440-263964-2	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979E	4402639641	I-K-20200402	440-263964-3	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979E	4402639641	I-J-20200402	440-263964-4	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979E	4402639641	I-Z-20200402	440-263964-5	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979E	4402639641	I-I-20200402	440-263964-6	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979E	4402639641	I-V-20200402	440-263964-7	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979F	4402639661	I-AA-20200402	440-263966-1	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979F	4402639661	I-AB-20200402	440-263966-2	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979F	4402639661	I-B-20200402	440-263966-3	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979F	4402639661	I-R-20200402	440-263966-4	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979F	4402639661	I-Y-20200402	440-263966-5	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979F	4402639661	I-L-20200402	440-263966-6	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979F	4402639661	I-S-20200402	440-263966-7	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X
47979F	4402639661	I-AR-20200402	440-263966-8	04/02/20	Stage 2A	Water					X	X	X		X	X				X			X

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47979G	4402642681	E1-1-20200407	440-264268-1	04/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47979G	4402642681	E1-2-20200407	440-264268-2	04/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47979G	4402642681	E1-3-20200407	440-264268-3	04/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47979G	4402642681	E2-1-20200407	440-264268-4	04/07/20	Stage 2A	Water	FD27				X	X	X		X	X				X			X
47979G	4402642681	E2-2-20200407	440-264268-5	04/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47979G	4402642681	E2-3-20200407	440-264268-6	04/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47979G	4402642681	E2-4-20200407	440-264268-7	04/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47979G	4402642681	E2-5-20200407	440-264268-8	04/07/20	Stage 2A	Water					X	X	X		X	X				X			X
47979G	4402642681	E2-1-20200407-FD	440-264268-9	04/07/20	Stage 2A	Water	FD27				X	X	X		X	X				X			X
47979G	4402642681	E2-2-20200407-EB	440-264268-10	04/07/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
47979H	4402648351	LVW0.55-0.8-20200414	440-264835-1	04/14/20	Stage 2A	Water	FD28								X	X				X			
47979H	4402648351	LVW0.55-0.8-20200414-FD	440-264835-2	04/14/20	Stage 2A	Water	FD28								X	X				X			
47979H	4402648351	LVW3.5-1-1.9-20200414	440-264835-3	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW3.5-2-1.1-20200414	440-264835-4	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW3.5-3-1.5-20200414	440-264835-5	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW3.5-4-1.3-20200414	440-264835-6	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW3.5-5-1.7-20200414	440-264835-7	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW3.5-6-1.9-20200414	440-264835-8	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW4.2-1-1.5-20200414	440-264835-9	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW4.2-2-2.1-20200414	440-264835-10	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW4.2-3-3.2-20200414	440-264835-11	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW4.2-4-1.7-20200414	440-264835-12	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW4.75-3-0.8-20200414	440-264835-15	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW4.75-4-1.3-20200414	440-264835-16	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW4.75-5-1.0-20200414	440-264835-17	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW5.3-1-2.8-20200414	440-264835-18	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW5.3-2-0.5-20200414	440-264835-19	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW5.3-3-0.6-20200414	440-264835-20	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW5.3-4-0.5-20200414	440-264835-21	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW5.3-5-0.5-20200414	440-264835-22	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW5.3-6-0.6-20200414	440-264835-23	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	C1-E-0.0-20200414	440-264835-24	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	C1-W-0.0-20200414	440-264835-25	04/14/20	Stage 2A	Water									X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
47979H	4402648351	LVW6.05-0.6-20200414	440-264835-26	04/14/20	Stage 2A	Water	FD29								X	X				X			
47979H	4402648351	LVW6.05-0.6-20200414-FD	440-264835-27	04/14/20	Stage 2A	Water	FD29								X	X				X			
47979H	4402648351	LVW6.05-20200414-FB	440-264835-28	04/14/20	Stage 2A	Water	FB								X	X				X			
47979H	4402648351	LVW6.6-1-1.2-20200414	440-264835-29	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW6.6-2-3.0-20200414	440-264835-30	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW6.6-3-0.5-20200414	440-264835-31	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW7.2-0.9-20200416	440-264835-32	04/16/20	Stage 2A	Water	FD30								X	X				X			
47979H	4402648351	LVW7.2-0.9-20200416-FD	440-264835-33	04/16/20	Stage 2A	Water	FD30								X	X				X			
47979H	4402648351	LVW7.2-20200416-FB	440-264835-34	04/16/20	Stage 2A	Water	FB								X	X				X			
47979H	4402648351	LVW8.85-0.9-20200416	440-264835-35	04/16/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW4.75-1-0.8-20200414	440-264835-36	04/14/20	Stage 2A	Water									X	X				X			
47979H	4402648351	LVW4.75-2-1.3-20200414	440-264835-37	04/14/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW8.85-0.4-20200501	440-265410-1	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW7.2-1.0-20200501-FD	440-265410-2	05/01/20	Stage 2A	Water	FD31								X	X				X			
48428A	4402654101	LVW7.2-1.0-20200501	440-265410-3	05/01/20	Stage 2A	Water	FD31								X	X				X			
48428A	4402654101	LVW6.6-1-1.3-20200501	440-265410-4	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW6.6-2-2.9-20200501	440-265410-5	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW6.6-3-0.7-20200501	440-265410-6	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW6.05-0.7-20200501	440-265410-7	05/01/20	Stage 2A	Water	FD32								X	X				X			
48428A	4402654101	LVW6.05-0.7-20200501-FD	440-265410-8	05/01/20	Stage 2A	Water	FD32								X	X				X			
48428A	4402654101	LVW6.05-20200501-FB	440-265410-9	05/01/20	Stage 2A	Water	FB								X	X				X			
48428A	4402654101	C1-E-0.0-20200501	440-265410-10	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	C1-W-0.0-20200501	440-265410-11	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW5.3-1-2.8-20200501	440-265410-12	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW5.3-2-0.5-20200501	440-265410-13	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW5.3-3-0.5-20200501	440-265410-14	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW5.3-4-0.3-20200501	440-265410-15	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW5.3-5-0.4-20200501	440-265410-16	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW5.3-6-0.3-20200501	440-265410-17	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW4.75-1-0.9-20200501	440-265410-18	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW4.75-2-0.9-20200501	440-265410-19	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW4.75-3-0.8-20200501	440-265410-20	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW4.75-4-1.1-20200501	440-265410-21	05/01/20	Stage 2A	Water									X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48428A	4402654101	LVW4.75-5-0.8-20200501	440-265410-22	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW4.2-1-1.6-20200501	440-265410-23	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW4.2-2-2.6-20200501	440-265410-24	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW4.2-3-2.9-20200501	440-265410-25	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW4.2-4-1.6-20200501	440-265410-26	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW3.5-1-1.7-20200501	440-265410-27	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW3.5-2-0.9-20200501	440-265410-28	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW3.5-3-1.7-20200501	440-265410-29	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW3.5-4-1.3-20200501	440-265410-30	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW3.5-5-1.7-20200501	440-265410-31	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW3.5-6-1.7-20200501	440-265410-32	05/01/20	Stage 2A	Water									X	X				X			
48428A	4402654101	LVW0.55-1.0-20200501	440-265410-33	05/01/20	Stage 2A	Water	FD33								X	X				X			
48428A	4402654101	LVW0.55-1.0-20200501-FD	440-265410-34	05/01/20	Stage 2A	Water	FD33								X	X				X			
48428A	4402654101	LVW0.55-20200501-FB	440-265410-35	05/01/20	Stage 2A	Water	FB								X	X				X			
48428B	4402655131	SWFTS-MW07A-20200504	440-265513-1	05/04/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428B	4402655131	PC-79-20200504	440-265513-2	05/04/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428C	4402655151	PC-97-20200504	440-265515-1	05/04/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428C	4402655151	PC-97-20200504-TB1	440-265515-2	05/04/20	Stage 2A	Water	TB	X	X														
48428C	4402655151	PC-155A-20200504	440-265515-3	05/04/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428D	4402655181	PC-58-20200504	440-265518-1	05/04/20	Stage 2A	Water	FD34	X	X		X		X		X	X				X			
48428D	4402655181	PC-58-20200504-FD7	440-265518-2	05/04/20	Stage 2A	Water	FD34	X	X		X		X		X	X				X			
48428D	4402655181	PC-86-20200504	440-265518-3	05/04/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428E	4402655371	E1-1-20200505	440-265537-1	05/05/20	Stage 2A	Water					X	X	X		X	X				X			X
48428E	4402655371	E1-2-20200505	440-265537-2	05/05/20	Stage 2A	Water					X	X	X		X	X				X			X
48428E	4402655371	E1-3-20200505	440-265537-3	05/05/20	Stage 2A	Water					X	X	X		X	X				X			X
48428E	4402655371	E2-1-20200505	440-265537-4	05/05/20	Stage 2A	Water					X	X	X		X	X				X			X
48428E	4402655371	E2-2-20200505	440-265537-5	05/05/20	Stage 2A	Water					X	X	X		X	X				X			X
48428E	4402655371	E2-3-20200505	440-265537-6	05/05/20	Stage 2A	Water	FD35				X	X	X		X	X				X			X
48428E	4402655371	E2-4-20200505	440-265537-7	05/05/20	Stage 2A	Water					X	X	X		X	X				X			X
48428E	4402655371	E2-5-20200505	440-265537-8	05/05/20	Stage 2A	Water					X	X	X		X	X				X			X
48428E	4402655371	E2-3-20200505-FD	440-265537-9	05/05/20	Stage 2A	Water	FD35				X	X	X		X	X				X			X
48428E	4402655371	E2-4-20200505-EB	440-265537-10	05/05/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
48428F	4402655741	PC-155B-20200505	440-265574-1	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			

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LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48428F	4402655741	PC-156A-20200505	440-265574-2	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428G	4402655761	SWFTS-MW08A-20200505	440-265576-1	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428G	4402655761	SWFTS-MW08C-20200505	440-265576-2	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428G	4402655761	PC-90-20200505	440-265576-3	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428G	4402655761	PC-110-20200505	440-265576-4	05/05/20	Stage 2A	Water		X	X				X		X	X				X			
48428G	4402655761	MW-K5-20200505	440-265576-5	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428H	4402655781	PC-157A-20200505	440-265578-1	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428H	4402655781	PC-157A-20200505-FB5	440-265578-2	05/05/20	Stage 2A	Water	FB	X	X		X		X		X	X				X			
48428H	4402655781	PC-157B-20200505	440-265578-3	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428H	4402655781	PC-96-20200505	440-265578-4	05/05/20	Stage 2A	Water		X	X				X		X	X				X			
48428H	4402655781	PC-137-20200505	440-265578-5	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428H	4402655781	PC-157B-20200205-TB3	440-265578-6	05/05/20	Stage 2A	Water	TB	X	X														
48428I	4402655791	ARP-2A-20200505	440-265579-1	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428I	4402655791	PC-144-20200505	440-265579-2	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428I	4402655791	PC-134D-20200505	440-265579-3	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428I	4402655791	PC-135A-20200505	440-265579-4	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428J	4402655801	PC-82-20200505	440-265580-1	05/05/20	Stage 2A	Water		X	X				X		X	X				X			
48428J	4402655801	PC-82-20200505-FB17	440-265580-2	05/05/20	Stage 2A	Water	FB	X	X				X		X	X				X			
48428J	4402655801	PC-122-20200505	440-265580-3	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428J	4402655801	ARP-6B-20200505	440-265580-4	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428J	4402655801	ARP-5A-20200505	440-265580-5	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428K	4402655811	PC-94-20200505-TB2	440-265581-1	05/05/20	Stage 2A	Water	TB	X	X														
48428K	4402655811	PC-94-20200505	440-265581-2	05/05/20	Stage 2A	Water	FD36	X	X		X		X		X	X				X			
48428K	4402655811	PC-94-20200505-FD6	440-265581-3	05/05/20	Stage 2A	Water	FD36	X	X		X		X		X	X				X			
48428K	4402655811	PC-91-20200505	440-265581-4	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428K	4402655811	PC-56-20200505	440-265581-5	05/05/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428K	4402655811	DBMW-4-20200505	440-265581-6	05/05/20	Stage 2A	Water									X	X							
48428L	4402656401	PC-99R2/R3-20200506	440-265640-1	05/06/20	Stage 2A	Water					X	X	X		X	X				X			X
48428L	4402656401	PC-115R-20200506	440-265640-2	05/06/20	Stage 2A	Water					X	X	X		X	X				X			X
48428L	4402656401	PC-116R-20200506	440-265640-3	05/06/20	Stage 2A	Water					X	X	X		X	X				X			X
48428L	4402656401	PC-118-20200506	440-265640-4	05/06/20	Stage 2A	Water	FD37				X	X	X		X	X				X			X
48428L	4402656401	PC-119-20200506	440-265640-5	05/06/20	Stage 2A	Water					X	X	X		X	X				X			X
48428L	4402656401	PC-120-20200506	440-265640-6	05/06/20	Stage 2A	Water					X	X	X		X	X				X			X

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48428L	4402656401	PC-121-20200506	440-265640-7	05/06/20	Stage 2A	Water					X	X	X		X	X				X			X
48428L	4402656401	PC-117-20200506	440-265640-8	05/06/20	Stage 2A	Water					X	X	X		X	X				X			X
48428L	4402656401	PC-133-20200506	440-265640-9	05/06/20	Stage 2A	Water					X	X	X		X	X				X			X
48428L	4402656401	PC-118-20200506-FD	440-265640-10	05/06/20	Stage 2A	Water	FD37				X	X	X		X	X				X			X
48428L	4402656401	PC-119-20200506-EB	440-265640-11	05/06/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
48428M	4402656451	PC-156B-20200506	440-265645-1	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428M	4402656451	PC-156B-20200506-EB5	440-265645-2	05/06/20	Stage 2A	Water	EB	X	X		X		X		X	X				X			
48428M	4402656451	PC-98R-20200506	440-265645-3	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428M	4402656451	PC-77-20200506	440-265645-4	05/06/20	Stage 2A	Water		X	X				X		X	X				X			
48428N	4402656501	PC-53-20200506	440-265650-1	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428N	4402656501	PC-2-20200506	440-265650-2	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428N	4402656501	PC-4-20200506	440-265650-3	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428N	4402656501	PC-148-20200506	440-265650-4	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428N	4402656501	PC-149-20200506	440-265650-5	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428O	4402656531	PC-101R-20200506	440-265653-1	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428O	4402656531	PC-134A-20200506	440-265653-2	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428O	4402656531	PC-55-20200506	440-265653-3	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428O	4402656531	PC-143-20200506	440-265653-4	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428O	4402656531	PC-55-20200506-FB7	440-265653-5	05/06/20	Stage 2A	Water	FB	X	X		X		X		X	X				X			
48428P	4402656551	PC-60-20200506	440-265655-1	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428P	4402656551	PC-60-20200506-TB4	440-265655-2	05/06/20	Stage 2A	Water	TB	X	X														
48428P	4402656551	PC-59-20200506	440-265655-3	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428P	4402656551	PC-62-20200506	440-265655-4	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428P	4402656551	PC-108-20200506	440-265655-5	05/06/20	Stage 2A	Water		X	X				X		X	X				X			
48428P	4402656551	PC-108-20200506-EB17	440-265655-6	05/06/20	Stage 2A	Water	EB	X	X				X		X	X				X			
48428P	4402656551	PC-103-20200506	440-265655-7	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428P	4402656551	PC-103-20200506-FB6	440-265655-8	05/06/20	Stage 2A	Water	FB	X	X		X		X		X	X				X			
48428Q	4402656561	PC-137D-20200506	440-265656-2	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428Q	4402656561	PC-145-20200506	440-265656-3	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428Q	4402656561	ARP-7-20200506	440-265656-4	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428Q	4402656561	ARP-7-20200506-EB6	440-265656-5	05/06/20	Stage 2A	Water	EB	X	X		X		X		X	X				X			
48428Q	4402656561	PC-136-20200506-TB5	440-265656-6	05/06/20	Stage 2A	Water	TB	X	X														
48428R	4402656581	MW-K4-20200506	440-265658-1	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48428R	4402656581	HM-2-20200506	440-265658-2	05/06/20	Stage 2A	Water					X				X	X				X			
48428R	4402656581	ARP-3A-20200506	440-265658-3	05/06/20	Stage 2A	Water	FD38	X	X		X		X		X	X				X			
48428R	4402656581	ARP-3A-20200506-FD8	440-265658-4	05/06/20	Stage 2A	Water	FD38	X	X		X		X		X	X				X			
48428R	4402656581	ARP-1-20200506	440-265658-5	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428R	4402656581	PC-18-20200506	440-265658-6	05/06/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-125-20200507	440-265726-1	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-130-20200507	440-265726-2	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-152-20200507	440-265726-3	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-127-20200507	440-265726-4	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-24-20200507	440-265726-5	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-126-20200507	440-265726-6	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-124-20200507	440-265726-7	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-124-20200507-EB8	440-265726-8	05/07/20	Stage 2A	Water	EB	X	X		X		X		X	X				X			
48428S	4402657261	HMW-16-20200507	440-265726-9	05/07/20	Stage 2A	Water		X	X				X		X	X				X			
48428S	4402657261	PC-129-20200507	440-265726-10	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-50-20200507	440-265726-11	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-132-20200507	440-265726-12	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-153R-20200507	440-265726-13	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-142-20200507	440-265726-14	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-142-20200507-FB8	440-265726-15	05/07/20	Stage 2A	Water	FB	X	X		X		X		X	X				X			
48428S	4402657261	PC-65-20200507	440-265726-16	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-66-20200507	440-265726-17	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-123-20200507	440-265726-18	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-28-20200507	440-265726-19	05/07/20	Stage 2A	Water	FD39	X	X		X		X		X	X				X			
48428S	4402657261	PC-28-20200507-FD5	440-265726-20	05/07/20	Stage 2A	Water	FD39	X	X		X		X		X	X				X			
48428S	4402657261	PC-67-20200507	440-265726-21	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-64-20200507-FD9	440-265726-22	05/07/20	Stage 2A	Water	FD40	X	X		X		X		X	X				X			
48428S	4402657261	PC-64-20200507	440-265726-23	05/07/20	Stage 2A	Water	FD40	X	X		X		X		X	X				X			
48428S	4402657261	ART-6-20200507	440-265726-24	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-131-20200507	440-265726-25	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-128-20200507	440-265726-26	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	PC-151-20200507	440-265726-27	05/07/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428S	4402657261	ART-6-20200507-TB6	440-265726-28	05/07/20	Stage 2A	Water	TB	X	X														

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48428S	4402657261	PC-131-20200507-TB7	440-265726-29	05/07/20	Stage 2A	Water	TB	X	X														
48428T	4402657841	PC-40R-20200508	440-265784-1	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	PC-136-20200508	440-265784-2	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	PC-31-20200508	440-265784-3	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	H-56R-20200508	440-265784-4	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	MC-MW37R2-20200508	440-265784-6	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	MC-MW37R2-20200508-EB7	440-265784-7	05/08/20	Stage 2A	Water	EB	X	X		X		X		X	X				X			
48428T	4402657841	MC-65R2-20200508	440-265784-8	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	PC-71-20200508-TB8	440-265784-9	05/08/20	Stage 2A	Water	TB	X	X														
48428T	4402657841	PC-72-20200508	440-265784-10	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	PC-72-20200508-FB9	440-265784-11	05/08/20	Stage 2A	Water	FB	X	X		X		X		X	X				X			
48428T	4402657841	PC-71-20200508	440-265784-12	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	PC-54-20200508	440-265784-13	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	PC-21A-20200508	440-265784-14	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	PC-21A-20200508-TB9	440-265784-15	05/08/20	Stage 2A	Water	TB	X	X														
48428T	4402657841	PC-160-20200508	440-265784-16	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	PC-159-20200508	440-265784-17	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	PC-158-20200508	440-265784-18	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	PC-154-20200508	440-265784-19	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	PC-107-20200508	440-265784-20	05/08/20	Stage 2A	Water		X	X				X		X	X				X			
48428T	4402657841	HMW-14-20200508	440-265784-21	05/08/20	Stage 2A	Water		X	X				X		X	X				X			
48428T	4402657841	HMW-13-20200508	440-265784-22	05/08/20	Stage 2A	Water		X	X				X		X	X				X			
48428T	4402657841	HMW-15-20200508	440-265784-23	05/08/20	Stage 2A	Water		X	X				X		X	X				X			
48428T	4402657841	PC-188-20200508	440-265784-24	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	PC-189-20200508	440-265784-25	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	M-48A-20200508	440-265784-26	05/08/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428T	4402657841	AA-01-20200508	440-265784-27	05/08/20	Stage 2A	Water									X	X							
48428T	4402657841	PC-154-20200508-EB9	440-265784-28	05/08/20	Stage 2A	Water	EB	X	X		X		X		X	X				X			
48428U	4402658271	ART-1A-20200511	440-265827-1	05/11/20	Stage 2A	Water					X	X	X		X	X				X			X
48428U	4402658271	ART-2/2A-20200511	440-265827-2	05/11/20	Stage 2A	Water	FD41				X	X	X		X	X				X			X
48428U	4402658271	ART-3A-20200511	440-265827-3	05/11/20	Stage 2A	Water					X	X	X		X	X				X			X
48428U	4402658271	ART-4-20200511	440-265827-4	05/11/20	Stage 2A	Water					X	X	X		X	X				X			X
48428U	4402658271	ART-7B-20200511	440-265827-5	05/11/20	Stage 2A	Water					X	X	X		X	X				X			X

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate /Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48428U	4402658271	ART-8A-20200511	440-265827-6	05/11/20	Stage 2A	Water					X	X	X		X	X				X			X
48428U	4402658271	ART-9-20200511	440-265827-7	05/11/20	Stage 2A	Water					X	X	X		X	X				X			X
48428U	4402658271	PC-150-20200511	440-265827-8	05/11/20	Stage 2A	Water					X	X	X		X	X				X			X
48428U	4402658271	ART-2/2A-20200511-FD	440-265827-9	05/11/20	Stage 2A	Water	FD41				X	X	X		X	X				X			X
48428U	4402658271	ART-3A-20200511-EB	440-265827-10	05/11/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
48428V	4402658531	TR-12-20200511	440-265853-1	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	H-58R-20200511	440-265853-2	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	MC-50-20200511	440-265853-3	05/11/20	Stage 2A	Water		X	X				X		X	X				X			
48428V	4402658531	TR-11-20200511	440-265853-4	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-260-20200511	440-265853-5	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-261-20200511	440-265853-6	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-262-20200511	440-265853-7	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-7B-20200511	440-265853-8	05/11/20	Stage 2A	Water		X	X	X	X		X		X	X		X	X	X	X	X	
48428V	4402658531	M-262-20200511-FB14	440-265853-9	05/11/20	Stage 2A	Water	FB	X	X		X		X		X	X				X			
48428V	4402658531	M-163-20200511	440-265853-10	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-25-20200511	440-265853-11	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-267-20200511	440-265853-12	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-73-20200511	440-265853-13	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-6A-20200511	440-265853-14	05/11/20	Stage 2A	Water		X	X	X	X		X		X	X		X	X	X	X	X	
48428V	4402658531	H-28A-20200511	440-265853-15	05/11/20	Stage 2A	Water		X	X	X	X		X		X	X		X	X	X	X	X	
48428V	4402658531	MC-97-20200511	440-265853-16	05/11/20	Stage 2A	Water		X	X				X		X	X				X			
48428V	4402658531	M-23-20200511	440-265853-17	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-206-20200511	440-265853-18	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-263-20200511	440-265853-19	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-264-20200511	440-265853-20	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	TR-4-20200511	440-265853-21	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-220-20200511	440-265853-22	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-155-20200511	440-265853-23	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-151-20200511	440-265853-24	05/11/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428V	4402658531	M-220-20200511-TB10	440-265853-25	05/11/20	Stage 2A	Water	TB	X	X														
48428V	4402658531	M-155-20200511-TB11	440-265853-26	05/11/20	Stage 2A	Water	TB	X	X														
48428V	4402658531	MC-6-20200511	440-265853-27	05/11/20	Stage 2A	Water		X	X				X		X	X				X			
48428V	4402658531	MC-7-20200511	440-265853-28	05/11/20	Stage 2A	Water	FD42	X	X				X		X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48428V	4402658531	MC-7-20200511-FD17	440-265853-29	05/11/20	Stage 2A	Water	FD42	X	X				X		X	X				X			
48428V	4402658531	MC-69-20200511	440-265853-30	05/11/20	Stage 2A	Water		X	X				X		X	X				X			
48428V	4402658531	MC-3-20200511	440-265853-31	05/11/20	Stage 2A	Water		X	X				X		X	X				X			
48428V	4402658531	MC-51-20200511	440-265853-32	05/11/20	Stage 2A	Water		X	X				X		X	X				X			
48428W	4402658961	M-44-20200512	440-265896-1	05/12/20	Stage 2A	Water		X	X		X	X	X		X	X				X			
48428W	4402658961	M-44-20200512-EB4	440-265896-2	05/12/20	Stage 2A	Water	EB	X	X		X	X	X		X	X				X			
48428W	4402658961	M-44-20200512-TB12	440-265896-3	05/12/20	Stage 2A	Water	TB	X	X														
48428X	4402659121	M-268-20200512-TB14	440-265912-1	05/12/20	Stage 2A	Water	TB	X	X														
48428X	4402659121	M-268-20200512	440-265912-2	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-268-20200512-FB10	440-265912-3	05/12/20	Stage 2A	Water	FB	X	X		X		X		X	X				X			
48428X	4402659121	M-214-20200512-TB13	440-265912-4	05/12/20	Stage 2A	Water	TB	X	X														
48428X	4402659121	M-214-20200512	440-265912-5	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-68-20200512	440-265912-6	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-181-20200512	440-265912-7	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-182-20200512	440-265912-8	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-165-20200512	440-265912-9	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-67-20200512	440-265912-10	05/12/20	Stage 2A	Water	FD43	X	X		X		X		X	X				X			
48428X	4402659121	M-67-20200512-FD11	440-265912-11	05/12/20	Stage 2A	Water	FD43	X	X		X		X		X	X				X			
48428X	4402659121	TR-3-20200512	440-265912-13	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-161D-20200512	440-265912-14	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-161D-20200512-FB13	440-265912-15	05/12/20	Stage 2A	Water	FB	X	X		X		X		X	X				X			
48428X	4402659121	TR-1-20200512	440-265912-16	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	MC-53-20200512	440-265912-17	05/12/20	Stage 2A	Water	FD44	X	X		X		X		X	X				X			
48428X	4402659121	MC-53-20200512-FD12	440-265912-18	05/12/20	Stage 2A	Water	FD44	X	X		X		X		X	X				X			
48428X	4402659121	MC-93-20200512	440-265912-19	05/12/20	Stage 2A	Water		X	X				X		X	X				X			
48428X	4402659121	M-207-20200512	440-265912-20	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-265-20200512	440-265912-21	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-266-20200512	440-265912-22	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-212-20200512	440-265912-23	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-211-20200512	440-265912-24	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-210-20200512	440-265912-25	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-204-20200512	440-265912-26	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-156-20200512	440-265912-27	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate /Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48428X	4402659121	M-152-20200512	440-265912-28	05/12/20	Stage 2A	Water	FD45	X	X		X		X		X	X				X			
48428X	4402659121	M-152-20200512-FD10	440-265912-29	05/12/20	Stage 2A	Water	FD45	X	X		X		X		X	X				X			
48428X	4402659121	M-162D-20200512	440-265912-30	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-205-20200512	440-265912-31	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-134-20200512	440-265912-32	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-161-20200512	440-265912-33	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-159-20200512	440-265912-34	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-205-20200512-EB10	440-265912-35	05/12/20	Stage 2A	Water	EB	X	X		X		X		X	X				X			
48428X	4402659121	M-132-20200512	440-265912-36	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-132-20200512-FB11	440-265912-37	05/12/20	Stage 2A	Water	FB	X	X		X		X		X	X				X			
48428X	4402659121	M-133-20200512	440-265912-38	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-74-20200512	440-265912-39	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428X	4402659121	M-81A-20200512	440-265912-40	05/12/20	Stage 2A	Water		X	X		X		X		X	X				X			
48428Y	4402659501	I-O-20200513	440-265950-1	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48428Y	4402659501	I-W-20200513	440-265950-2	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48428Y	4402659501	I-P-20200513	440-265950-3	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48428Y	4402659501	I-H-20200513	440-265950-4	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48428Y	4402659501	I-U-20200513	440-265950-5	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48428Y	4402659501	I-T-20200513	440-265950-6	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48428Y	4402659501	I-G-20200513	440-265950-7	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48428Y	4402659501	I-Q-20200513	440-265950-8	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48428Z	4402659531	M-80-20200513-TB15	440-265953-1	05/13/20	Stage 2A	Water	TB	X	X														
48428Z	4402659531	M-80-20200513	440-265953-2	05/13/20	Stage 2A	Water	FD46	X	X		X	X	X		X	X				X			
48428Z	4402659531	M-80-20200513-FD4	440-265953-3	05/13/20	Stage 2A	Water	FD46	X	X		X	X	X		X	X				X			
48436A	4402659601	I-AD-20200513	440-265960-1	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48436A	4402659601	I-AC-20200513	440-265960-2	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48436A	4402659601	I-K-20200513	440-265960-3	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48436A	4402659601	I-J-20200513	440-265960-4	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48436A	4402659601	I-Z-20200513	440-265960-5	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48436A	4402659601	I-I-20200513	440-265960-6	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48436A	4402659601	I-V-20200513	440-265960-7	05/13/20	Stage 2A	Water					X	X	X		X	X				X			X
48436A	4402659601	I-Z-20200513-EB	440-265960-8	05/13/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
48436B	4402659811	M-123-20200513	440-265981-1	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate /Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48436B	4402659811	M-124-20200513	440-265981-2	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-136-20200513	440-265981-3	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-136-20200513-EB13	440-265981-4	05/13/20	Stage 2A	Water	EB	X	X		X		X		X	X				X			
48436B	4402659811	M-213-20200513	440-265981-5	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-126-20200513	440-265981-6	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-208-20200513	440-265981-7	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-209-20200513	440-265981-8	05/13/20	Stage 2A	Water	FD47	X	X		X		X		X	X				X			
48436B	4402659811	M-209-20200513-FD13	440-265981-9	05/13/20	Stage 2A	Water	FD47	X	X		X		X		X	X				X			
48436B	4402659811	M-135-20200513	440-265981-10	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-69-20200513	440-265981-11	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-79-20200513	440-265981-12	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-57A-20200513	440-265981-13	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-57A-20200513-EB14	440-265981-14	05/13/20	Stage 2A	Water	EB	X	X		X		X		X	X				X			
48436B	4402659811	M-83-20200513	440-265981-15	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-83-20200513-TB16	440-265981-16	05/13/20	Stage 2A	Water	TB	X	X														
48436B	4402659811	M-19-20200513	440-265981-17	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-2A-20200513	440-265981-18	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-75-20200513	440-265981-19	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-76-20200513	440-265981-20	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-115-20200513	440-265981-21	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	TR-2-20200513	440-265981-22	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	TR-2-20200513-EB11	440-265981-23	05/13/20	Stage 2A	Water	EB	X	X		X		X		X	X				X			
48436B	4402659811	DFW-03-20200513	440-265981-24	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	DFW-04-20200513	440-265981-25	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	DFW-05-20200513	440-265981-26	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	TR-2-20200513-TB17	440-265981-27	05/13/20	Stage 2A	Water	TB	X	X														
48436B	4402659811	M-125-20200513	440-265981-28	05/13/20	Stage 2A	Water	FD48	X	X		X		X		X	X				X			
48436B	4402659811	M-125-20200513-FD14	440-265981-29	05/13/20	Stage 2A	Water	FD48	X	X		X		X		X	X				X			
48436B	4402659811	M-160-20200513	440-265981-30	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	UFMW-01D-20200513	440-265981-31	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	UFMW-02D-20200513	440-265981-32	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-13-20200513	440-265981-33	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436B	4402659811	M-35-20200513	440-265981-34	05/13/20	Stage 2A	Water		X	X		X		X		X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate /Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48436C	4402660191	I-F-20200514	440-266019-1	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436C	4402660191	I-X-20200514	440-266019-2	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436C	4402660191	I-N-20200514	440-266019-3	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436C	4402660191	I-E-20200514	440-266019-4	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436C	4402660191	I-M-20200514	440-266019-5	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436C	4402660191	I-D-20200514	440-266019-6	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436C	4402660191	I-C-20200514	440-266019-7	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436D	4402660201	M-37-20200514	440-266020-1	05/14/20	Stage 2A	Water		X	X		X	X	X		X	X				X			
48436D	4402660201	M-38-20200514	440-266020-2	05/14/20	Stage 2A	Water		X	X		X	X	X		X	X				X			
48436E	4402660211	I-AA-20200514	440-266021-1	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436E	4402660211	I-AB-20200514	440-266021-2	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436E	4402660211	I-B-20200514	440-266021-3	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436E	4402660211	I-R-20200514	440-266021-4	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436E	4402660211	I-Y-20200514	440-266021-5	05/14/20	Stage 2A	Water	FD49				X	X	X		X	X				X			X
48436E	4402660211	I-L-20200514	440-266021-6	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436E	4402660211	I-S-20200514	440-266021-7	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436E	4402660211	I-AR-20200514	440-266021-8	05/14/20	Stage 2A	Water					X	X	X		X	X				X			X
48436E	4402660211	I-Y-20200514 - FD	440-266021-9	05/14/20	Stage 2A	Water	FD49				X	X	X		X	X				X			X
48436F	4402660331	M-93-20200514	440-266033-1	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-97-20200514	440-266033-2	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-121-20200514	440-266033-3	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-118-20200514	440-266033-4	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-147-20200514	440-266033-5	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-148A-20200514-TB19	440-266033-6	05/14/20	Stage 2A	Water	TB	X	X														
48436F	4402660331	M-148A-20200514	440-266033-7	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-186-20200514	440-266033-8	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-149-20200514	440-266033-9	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-139-20200514	440-266033-10	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-190-20200514	440-266033-11	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-31A-20200514	440-266033-12	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-193-20200514	440-266033-13	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-142-20200514	440-266033-14	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-153-20200514	440-266033-15	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate /Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48436F	4402660331	M-153-20200514-FB12	440-266033-16	05/14/20	Stage 2A	Water	FB	X	X		X		X		X	X				X			
48436F	4402660331	M-189-20200514	440-266033-17	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-33-20200514	440-266033-18	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-32-20200514	440-266033-19	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-141-20200514	440-266033-20	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-77R-20200514	440-266033-21	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-145-20200514	440-266033-22	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	DFW-06-20200514	440-266033-23	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	DFW-06-20200514-FB15	440-266033-24	05/14/20	Stage 2A	Water	FB	X	X		X		X		X	X				X			
48436F	4402660331	M-14A-20200514	440-266033-25	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-154-20200514	440-266033-26	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	UFMW-03D-20200514	440-266033-27	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	UFMW-04D-20200514	440-266033-28	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	UFMW-05D-20200514	440-266033-29	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	UFMW-06D-20200514	440-266033-30	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	UFMW-06D-20200514-EB12	440-266033-31	05/14/20	Stage 2A	Water	EB	X	X		X		X		X	X				X			
48436F	4402660331	M-5A-20200514	440-266033-32	05/14/20	Stage 2A	Water		X	X	X	X		X		X	X		X	X	X	X	X	X
48436F	4402660331	MW-16-20200514	440-266033-33	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-72-20200514	440-266033-34	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436F	4402660331	M-64-20200514	440-266033-35	05/14/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436G	4402660761	M-11-20200515	440-266076-1	05/15/20	Stage 2A	Water		X	X		X	X	X		X	X				X			
48436H	4402660861	M-150-20200515	440-266086-1	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	M-117-20200515	440-266086-2	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	TR-6-20200515	440-266086-3	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	TR-5-20200515	440-266086-4	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	M-103-20200515	440-266086-5	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	M-164-20200515	440-266086-6	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	M-22A-20200515	440-266086-7	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	NERT4.65N1-20200515	440-266086-8	05/15/20	Stage 2A	Water					X				X	X				X			
48436H	4402660861	NERT4.64N1-20200515	440-266086-9	05/15/20	Stage 2A	Water					X				X	X				X			
48436H	4402660861	PC-74-20200515	440-266086-10	05/15/20	Stage 2A	Water		X	X				X		X	X				X			
48436H	4402660861	M-140-20200515	440-266086-11	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	M-162-20200515	440-266086-12	05/15/20	Stage 2A	Water	FD50	X	X		X		X		X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48436H	4402660861	M-162-20200515-FD16	440-266086-13	05/15/20	Stage 2A	Water	FD50	X	X		X		X		X	X				X			
48436H	4402660861	M-71-20200515	440-266086-14	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	M-70-20200515	440-266086-15	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	NERT3.58N1-20200515	440-266086-16	05/15/20	Stage 2A	Water					X				X	X				X			
48436H	4402660861	M-186D-20200515	440-266086-17	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	M-186D-20200515-TB18	440-266086-18	05/15/20	Stage 2A	Water	TB	X	X														
48436H	4402660861	M-144-20200515	440-266086-19	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	M-191-20200515	440-266086-20	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	M-192-20200515	440-266086-21	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	M-138-20200515	440-266086-22	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	M-138-20200515-FB16	440-266086-23	05/15/20	Stage 2A	Water	FB	X	X		X		X		X	X				X			
48436H	4402660861	M-65-20200515	440-266086-24	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	M-66-20200515	440-266086-25	05/15/20	Stage 2A	Water	FD51	X	X		X		X		X	X				X			
48436H	4402660861	M-66-20200515-FD15	440-266086-26	05/15/20	Stage 2A	Water	FD51	X	X		X		X		X	X				X			
48436H	4402660861	TR-9-20200515	440-266086-27	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436H	4402660861	TR-10-20200515	440-266086-28	05/15/20	Stage 2A	Water		X	X		X		X		X	X				X			
48436I	4402661381	M-10-20200518	440-266138-1	05/18/20	Stage 2A	Water		X	X	X	X	X	X	X	X	X	X			X			
48436J	4402661391	M-12A-20200518	440-266139-1	05/18/20	Stage 2A	Water		X	X		X	X	X		X	X				X			
48436J	4402661391	M-12A-20200518-FB4	440-266139-2	05/18/20	Stage 2A	Water	FB	X	X		X	X	X		X	X				X			
48436J	4402661391	M-12A-20200518-TB20	440-266139-3	05/18/20	Stage 2A	Water	TB	X	X														
48436K	4402661611	ES-31-20200518	440-266161-1	05/18/20	Stage 2A	Water	FD52								X	X							
48436K	4402661611	ES-31-20200518-FD23	440-266161-2	05/18/20	Stage 2A	Water	FD52								X	X							
48436K	4402661611	ES-5-20200518	440-266161-3	05/18/20	Stage 2A	Water									X	X							
48436K	4402661611	DBMW-8-20200518	440-266161-4	05/18/20	Stage 2A	Water									X	X							
48436K	4402661611	DBMW-17-20200518	440-266161-5	05/18/20	Stage 2A	Water									X	X							
48436K	4402661611	DBMW-16-20200518	440-266161-6	05/18/20	Stage 2A	Water									X	X							
48436K	4402661611	ES-20-20200518	440-266161-7	05/18/20	Stage 2A	Water									X	X							
48436K	4402661611	BEC-12-20200518	440-266161-8	05/18/20	Stage 2A	Water									X	X							
48436K	4402661611	MW-3-20200518	440-266161-9	05/18/20	Stage 2A	Water					X				X	X					X		
48436K	4402661611	ES-2-20200518	440-266161-10	05/18/20	Stage 2A	Water									X	X							
48436K	4402661611	ES-28-20200518	440-266161-11	05/18/20	Stage 2A	Water									X	X							
48436K	4402661611	ES-1-20200518	440-266161-12	05/18/20	Stage 2A	Water									X	X							
48436K	4402661611	ES-3-20200518	440-266161-13	05/18/20	Stage 2A	Water									X	X							

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LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48436K	4402661611	ES-6-20200518	440-266161-14	05/18/20	Stage 2A	Water									X	X							
48436K	4402661611	ES-30-20200518	440-266161-15	05/18/20	Stage 2A	Water									X	X							
48436K	4402661611	NERT4.70N1-20200518	440-266161-16	05/18/20	Stage 2A	Water					X				X	X					X		
48436K	4402661611	NERT4.71N1-20200518	440-266161-17	05/18/20	Stage 2A	Water					X				X	X					X		
48436K	4402661611	M-129-20200518	440-266161-18	05/18/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436K	4402661611	NERT3.60N1-20200518	440-266161-19	05/18/20	Stage 2A	Water					X				X	X					X		
48436K	4402661611	NERT4.21N1-20200518	440-266161-20	05/18/20	Stage 2A	Water					X				X	X					X		
48436K	4402661611	M-92-20200518	440-266161-21	05/18/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436K	4402661611	TR-8-20200518	440-266161-22	05/18/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436K	4402661611	TR-7-20200518	440-266161-23	05/18/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436K	4402661611	M-120-20200518	440-266161-24	05/18/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436K	4402661611	M-120-20200518-EB15	440-266161-25	05/18/20	Stage 2A	Water	EB	X	X		X		X		X	X					X		
48436K	4402661611	M-137-20200518	440-266161-26	05/18/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436K	4402661611	M-137-20200518-EB16	440-266161-27	05/18/20	Stage 2A	Water	EB	X	X		X		X		X	X					X		
48436K	4402661611	M-52-20200518	440-266161-28	05/18/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436K	4402661611	M-52-20200518-TB21	440-266161-29	05/18/20	Stage 2A	Water	TB	X	X														
48436L	4402662411	ES-4-20200519	440-266241-1	05/19/20	Stage 2A	Water									X	X							
48436L	4402662411	ES-4-20200519-FB23	440-266241-2	05/19/20	Stage 2A	Water	FB								X	X							
48436L	4402662411	ES-32-20200519	440-266241-3	05/19/20	Stage 2A	Water									X	X							
48436L	4402662411	ES-12-20200519	440-266241-4	05/19/20	Stage 2A	Water									X	X							
48436L	4402662411	DBMW-5-20200519	440-266241-5	05/19/20	Stage 2A	Water									X	X							
48436L	4402662411	ES-13-20200519	440-266241-6	05/19/20	Stage 2A	Water									X	X							
48436L	4402662411	DBMW-7-20200519	440-266241-7	05/19/20	Stage 2A	Water									X	X							
48436L	4402662411	NERT4.38N1-20200519	440-266241-8	05/19/20	Stage 2A	Water					X				X	X					X		
48436L	4402662411	ES-24-20200519	440-266241-9	05/19/20	Stage 2A	Water	FD53				X				X	X							
48436L	4402662411	ES-24-20200519-FD20	440-266241-10	05/19/20	Stage 2A	Water	FD53				X				X	X							
48436L	4402662411	ES-22B-20200519	440-266241-11	05/19/20	Stage 2A	Water					X				X	X							
48436L	4402662411	ES-22A-20200519	440-266241-12	05/19/20	Stage 2A	Water					X				X	X							
48436L	4402662411	MW-4-20200519	440-266241-13	05/19/20	Stage 2A	Water					X				X	X					X		
48436L	4402662411	DBMW-15-20200519	440-266241-14	05/19/20	Stage 2A	Water									X	X							
48436L	4402662411	NERT3.35S1-20200519	440-266241-15	05/19/20	Stage 2A	Water					X				X	X					X		
48436L	4402662411	NERT3.40S1-20200519	440-266241-16	05/19/20	Stage 2A	Water					X				X	X					X		
48436L	4402662411	ES-7-20200519	440-266241-17	05/19/20	Stage 2A	Water									X	X							

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LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48436L	4402662411	ES-23B-20200519	440-266241-18	05/19/20	Stage 2A	Water					X				X	X							
48436L	4402662411	ES-23A-20200519	440-266241-19	05/19/20	Stage 2A	Water					X				X	X							
48436L	4402662411	ES-21B-20200519	440-266241-20	05/19/20	Stage 2A	Water					X				X	X							
48436L	4402662411	ES-21A-20200519	440-266241-21	05/19/20	Stage 2A	Water					X				X	X							
48436L	4402662411	LVWPS-MW201A-20200519	440-266241-22	05/19/20	Stage 2A	Water					X				X	X					X		
48436L	4402662411	LVWPS-MW201B-20200519	440-266241-23	05/19/20	Stage 2A	Water					X				X	X					X		
48436L	4402662411	PC-198-20200519	440-266241-24	05/19/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436L	4402662411	PC-199-20200519	440-266241-25	05/19/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436L	4402662411	PC-199-20200519-TB22	440-266241-26	05/19/20	Stage 2A	Water	TB	X	X														
48436M	4402663241	NERT4.71S1-20200520	440-266324-1	05/20/20	Stage 2A	Water					X				X	X					X		
48436M	4402663241	NERT4.71S2-20200520	440-266324-2	05/20/20	Stage 2A	Water					X				X	X					X		
48436M	4402663241	NERT4.64S1-20200520	440-266324-3	05/20/20	Stage 2A	Water					X				X	X					X		
48436M	4402663241	NERT4.93S1-20200520	440-266324-4	05/20/20	Stage 2A	Water					X				X	X					X		
48436M	4402663241	NERT4.93S1-20200520-FB19	440-266324-5	05/20/20	Stage 2A	Water	FB				X				X	X					X		
48436M	4402663241	NERT4.51S1-20200520	440-266324-6	05/20/20	Stage 2A	Water					X				X	X					X		
48436M	4402663241	NERT5.11S1-20200520	440-266324-7	05/20/20	Stage 2A	Water					X				X	X					X		
48436M	4402663241	NERT5.49S1-20200520	440-266324-8	05/20/20	Stage 2A	Water					X				X	X					X		
48436M	4402663241	NERT5.49S1-20200520-FB18	440-266324-9	05/20/20	Stage 2A	Water	FB				X				X	X					X		
48436M	4402663241	NERT3.63S1-20200520	440-266324-10	05/20/20	Stage 2A	Water					X				X	X					X		
48436M	4402663241	NERT3.80S1-20200520	440-266324-11	05/20/20	Stage 2A	Water					X				X	X					X		
48436M	4402663241	NERT3.98S1-20200520	440-266324-12	05/20/20	Stage 2A	Water					X				X	X					X		
48436M	4402663241	NERT3.58S1-20200520	440-266324-13	05/20/20	Stage 2A	Water	FD54				X				X	X					X		
48436M	4402663241	NERT3.58S1-20200520-FD18	440-266324-14	05/20/20	Stage 2A	Water	FD54				X				X	X					X		
48436M	4402663241	NERT3.60S1-20200520	440-266324-15	05/20/20	Stage 2A	Water					X				X	X					X		
48436M	4402663241	AA-UW2-20200520	440-266324-16	05/20/20	Stage 2A	Water									X	X							
48436N	4402663361	MCF-06B-20200520	440-266336-1	05/20/20	Stage 2A	Water									X	X							
48436N	4402663361	MCF-06C-20200520	440-266336-2	05/20/20	Stage 2A	Water									X	X							
48436N	4402663361	MCF-06C-20200520-EB23	440-266336-3	05/20/20	Stage 2A	Water	EB								X	X							
48436O	4402663911	PC-197-20200521	440-266391-1	05/21/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436O	4402663911	PC-195-20200521	440-266391-2	05/21/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436O	4402663911	PC-196-20200521	440-266391-3	05/21/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436O	4402663911	PC-191-20200521	440-266391-4	05/21/20	Stage 2A	Water		X	X		X		X		X	X					X		
48436O	4402663911	PC-195-20200521-TB23	440-266391-5	05/21/20	Stage 2A	Water	TB	X	X														

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48436P	4402664291	ES-15-20200521	440-266429-1	05/21/20	Stage 2A	Water									X	X							
48436P	4402664291	ES-8B-20200521	440-266429-2	05/21/20	Stage 2A	Water									X	X							
48436P	4402664291	DBMW-13-20200521	440-266429-3	05/21/20	Stage 2A	Water									X	X							
48436P	4402664291	ES-26-20200521	440-266429-4	05/21/20	Stage 2A	Water					X				X	X							
48436P	4402664291	DBMW-13-20200521-EB22	440-266429-5	05/21/20	Stage 2A	Water	EB								X	X							
48436P	4402664291	ES-18-20200522	440-266429-6	05/22/20	Stage 2A	Water									X	X							
48436P	4402664291	MW-20-20200521	440-266429-7	05/21/20	Stage 2A	Water					X				X	X					X		
48436P	4402664291	MW-13-20200521	440-266429-8	05/21/20	Stage 2A	Water	FD55				X				X	X					X		
48436P	4402664291	MW-13-20200521-FD19	440-266429-9	05/21/20	Stage 2A	Water	FD55				X				X	X					X		
48436P	4402664291	ES-27-20200521	440-266429-10	05/21/20	Stage 2A	Water					X				X	X							
48436P	4402664291	M-73-20200522	440-266429-11	05/22/20	Stage 2A	Water							X										
48436P	4402664291	ES-14A-20200521	440-266429-12	05/21/20	Stage 2A	Water									X	X							
48436P	4402664291	ES-14B-20200521	440-266429-13	05/21/20	Stage 2A	Water									X	X							
48436P	4402664291	ES-11-20200521	440-266429-14	05/21/20	Stage 2A	Water	FD56								X	X							
48436P	4402664291	ES-10-20200521	440-266429-15	05/21/20	Stage 2A	Water									X	X							
48436P	4402664291	DBMW-14-20200521	440-266429-16	05/21/20	Stage 2A	Water									X	X							
48436P	4402664291	ES-11-20200521-FD22	440-266429-17	05/21/20	Stage 2A	Water	FD56								X	X							
48436P	4402664291	DBMW-14-20200521-EB21	440-266429-18	05/21/20	Stage 2A	Water	EB								X	X							
48436P	4402664291	ES-19-20200522	440-266429-19	05/22/20	Stage 2A	Water									X	X							
48436P	4402664291	ES-19-20200522-FB21	440-266429-20	05/22/20	Stage 2A	Water	FB								X	X							
48436P	4402664291	DBMW-9-20200521	440-266429-21	05/21/20	Stage 2A	Water									X	X							
48436P	4402664291	ES-16-20200522	440-266429-22	05/22/20	Stage 2A	Water									X	X							
48436P	4402664291	ES-17-20200522	440-266429-23	05/22/20	Stage 2A	Water									X	X							
48436P	4402664291	ES-45-20200521	440-266429-24	05/21/20	Stage 2A	Water					X				X	X							
48436P	4402664291	ES-50-20200521	440-266429-25	05/21/20	Stage 2A	Water					X				X	X							
48436P	4402664291	ES-51-20200521	440-266429-26	05/21/20	Stage 2A	Water					X				X	X							
48436P	4402664291	ES-52-20200521	440-266429-27	05/21/20	Stage 2A	Water					X				X	X							
48436P	4402664291	ES-52-20200521-EB20	440-266429-28	05/21/20	Stage 2A	Water	EB				X				X	X							
48436P	4402664291	ES-25A-20200522	440-266429-29	05/22/20	Stage 2A	Water					X				X	X							
48436P	4402664291	ES-25B-20200522	440-266429-30	05/22/20	Stage 2A	Water					X				X	X							
48436P	4402664291	ES-25B-20200522-FB20	440-266429-31	05/22/20	Stage 2A	Water	FB				X				X	X							
48436P	4402664291	DBMW-18-20200522	440-266429-32	05/22/20	Stage 2A	Water	FD57								X	X							
48436P	4402664291	DBMW-18-20200522-FD21	440-266429-33	05/22/20	Stage 2A	Water	FD57								X	X							

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48436P	4402664291	LVWPS-MW224A-20200521	440-266429-34	05/21/20	Stage 2A	Water					X				X	X				X			
48436P	4402664291	LVWPS-MW224B-20200521	440-266429-35	05/21/20	Stage 2A	Water					X				X	X				X			
48436P	4402664291	MW-02-20200521	440-266429-36	05/21/20	Stage 2A	Water					X				X	X				X			
48436P	4402664291	MW-02-20200521-EB19	440-266429-37	05/21/20	Stage 2A	Water	EB				X				X	X				X			
48436P	4402664291	MW-25-20200521	440-266429-38	05/21/20	Stage 2A	Water					X				X	X				X			
48436P	4402664291	ES-8A-20200521	440-266429-39	05/21/20	Stage 2A	Water									X	X							
48436P	4402664291	LVWPS-MW102B-20200521	440-266429-40	05/21/20	Stage 2A	Water					X				X	X				X			
48436P	4402664291	LVWPS-MW102A-20200521	440-266429-41	05/21/20	Stage 2A	Water					X				X	X				X			
48436P	4402664291	LVWPS-MW105-20200521	440-266429-42	05/21/20	Stage 2A	Water					X				X	X				X			
48436P	4402664291	LVWPS-MW105-20200521-EB18	440-266429-43	05/21/20	Stage 2A	Water	EB				X				X	X				X			
48436P	4402664291	ES-9-20200521	440-266429-44	05/21/20	Stage 2A	Water									X	X							
48436P	4402664291	ES-49-20200521	440-266429-45	05/21/20	Stage 2A	Water					X				X	X							
48436P	4402664291	ES-9-20200521-FB22	440-266429-46	05/21/20	Stage 2A	Water	FB								X	X							
48436P	4402664291	NERT5.91S1-20200521	440-266429-47	05/21/20	Stage 2A	Water					X				X	X				X			
48436P	4402664291	ES-47-20200521	440-266429-48	05/21/20	Stage 2A	Water					X				X	X							
48436P	4402664291	ES-48-20200521	440-266429-49	05/21/20	Stage 2A	Water					X				X	X							
48436P	4402664291	ES-46-20200521	440-266429-50	05/21/20	Stage 2A	Water					X				X	X							
48436P	4402664291	DBMW-11-20200522	440-266429-51	05/22/20	Stage 2A	Water									X	X							
48436P	4402664291	AA-30-20200522	440-266429-52	05/22/20	Stage 2A	Water					X				X	X				X			
48543A	4402667721	ART-1A-20200602	440-266772-1	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543A	4402667721	ART-2/2A-20200602	440-266772-2	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543A	4402667721	ART-3A-20200602	440-266772-3	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543A	4402667721	ART-4-20200602	440-266772-4	06/02/20	Stage 2A	Water	FD58				X	X	X		X	X				X			X
48543A	4402667721	ART-7B-20200602	440-266772-5	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543A	4402667721	ART-8A-20200602	440-266772-6	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543A	4402667721	ART-9-20200602	440-266772-7	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543A	4402667721	PC-150-20200602	440-266772-8	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543A	4402667721	ART-4-20200602-FD	440-266772-9	06/02/20	Stage 2A	Water	FD58				X	X	X		X	X				X			X
48543A	4402667721	ART-7B-20200602-EB	440-266772-10	06/02/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
48543B	4402667731	PC-99R2/R3-20200602	440-266773-1	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543B	4402667731	PC-115R-20200602	440-266773-2	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543B	4402667731	PC-116R-20200602	440-266773-3	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543B	4402667731	PC-118-20200602	440-266773-4	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X

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LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48543B	4402667731	PC-119-20200602	440-266773-5	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543B	4402667731	PC-120-20200602	440-266773-6	06/02/20	Stage 2A	Water	FD59				X	X	X		X	X				X			X
48543B	4402667731	PC-121-20200602	440-266773-7	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543B	4402667731	PC-117-20200602	440-266773-8	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543B	4402667731	PC-133-20200602	440-266773-9	06/02/20	Stage 2A	Water					X	X	X		X	X				X			X
48543B	4402667731	PC-120-20200602 FD	440-266773-10	06/02/20	Stage 2A	Water	FD59				X	X	X		X	X				X			X
48543B	4402667731	PC-121-20200602 EB	440-266773-11	06/02/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
48543C	4402669811	I-AA-20200604	440-266981-1	06/04/20	Stage 2A	Water	FD60				X	X	X		X	X				X			X
48543C	4402669811	I-AB-20200604	440-266981-2	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543C	4402669811	I-B-20200604	440-266981-3	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543C	4402669811	I-R-20200604	440-266981-4	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543C	4402669811	I-Y-20200604	440-266981-5	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543C	4402669811	I-L-20200604	440-266981-6	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543C	4402669811	I-S-20200604	440-266981-7	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543C	4402669811	I-AR-20200604	440-266981-8	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543C	4402669811	I-AA-20200604-FD	440-266981-9	06/04/20	Stage 2A	Water	FD60				X	X	X		X	X				X			X
48543C	4402669811	I-AB-20200604-EB	440-266981-10	06/04/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
48543D	4402669851	E1-1-20200604	440-266985-1	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543D	4402669851	E1-2-20200604	440-266985-2	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543D	4402669851	E1-3-20200604	440-266985-3	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543D	4402669851	E2-1-20200604	440-266985-4	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543D	4402669851	E2-2-20200604	440-266985-5	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543D	4402669851	E2-3-20200604	440-266985-6	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543D	4402669851	E2-4-20200604	440-266985-7	06/04/20	Stage 2A	Water					X	X	X		X	X				X			X
48543D	4402669851	E2-5-20200604	440-266985-8	06/04/20	Stage 2A	Water	FD61				X	X	X		X	X				X			X
48543D	4402669851	E2-5-20200604-FD	440-266985-9	06/04/20	Stage 2A	Water	FD61				X	X	X		X	X				X			X
48543D	4402669851	E1-1-20200604-EB	440-266985-10	06/04/20	Stage 2A	Water	EB				X	X	X		X	X				X			X
48543E	4402671081	I-AD-20200608	440-267108-1	06/08/20	Stage 2A	Water					X	X	X		X	X				X			X
48543E	4402671081	I-AC-20200608	440-267108-2	06/08/20	Stage 2A	Water					X	X	X		X	X				X			X
48543E	4402671081	I-K-20200608	440-267108-3	06/08/20	Stage 2A	Water					X	X	X		X	X				X			X
48543E	4402671081	I-J-20200608	440-267108-4	06/08/20	Stage 2A	Water					X	X	X		X	X				X			X
48543E	4402671081	I-Z-20200608	440-267108-5	06/08/20	Stage 2A	Water					X	X	X		X	X				X			X
48543E	4402671081	I-I-20200608	440-267108-6	06/08/20	Stage 2A	Water					X	X	X		X	X				X			X

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LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate/Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48543E	4402671081	I-V-20200608	440-267108-7	06/08/20	Stage 2A	Water					X	X	X		X	X				X			X
48543F	4402671501	I-O-20200609	440-267150-1	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543F	4402671501	I-W-20200609	440-267150-2	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543F	4402671501	I-P-20200609	440-267150-3	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543F	4402671501	I-H-20200609	440-267150-4	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543F	4402671501	I-U-20200609	440-267150-5	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543F	4402671501	I-T-20200609	440-267150-6	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543F	4402671501	I-G-20200609	440-267150-7	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543F	4402671501	I-Q-20200609	440-267150-8	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543G	4402671521	I-F-20200609	440-267152-1	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543G	4402671521	I-X-20200609	440-267152-2	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543G	4402671521	I-N-20200609	440-267152-3	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543G	4402671521	I-E-20200609	440-267152-4	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543G	4402671521	I-M-20200609	440-267152-5	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543G	4402671521	I-D-20200609	440-267152-6	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543G	4402671521	I-C-20200609	440-267152-7	06/09/20	Stage 2A	Water					X	X	X		X	X				X			X
48543H	4402672131	LVW8.85-0.4-20200609	440-267213-1	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW7.2-1.1-20200609-FD	440-267213-2	06/09/20	Stage 2A	Water	FD62								X	X				X			
48543H	4402672131	LVW7.2-1.1-20200609	440-267213-3	06/09/20	Stage 2A	Water	FD62								X	X				X			
48543H	4402672131	LVW6.6-1-1.3-20200609	440-267213-4	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW6.6-2-2.8-20200609	440-267213-5	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW6.6-3-0.7-20200609	440-267213-6	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW6.05-0.5-20200609	440-267213-7	06/09/20	Stage 2A	Water	FD63								X	X				X			
48543H	4402672131	LVW6.05-0.5-20200609-FD	440-267213-8	06/09/20	Stage 2A	Water	FD63								X	X				X			
48543H	4402672131	LVW6.05-20200609-FB	440-267213-9	06/09/20	Stage 2A	Water	FB								X	X				X			
48543H	4402672131	C1-E-0.0-20200609	440-267213-10	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	C1-W-0.0-20200609	440-267213-11	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW5.3-1-2.8-20200609	440-267213-12	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW5.3-2-0.2-20200609	440-267213-13	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW5.3-3-0.5-20200609	440-267213-14	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW5.3-4-0.2-20200609	440-267213-15	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW5.3-5-0.3-20200609	440-267213-16	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW5.3-6-0.6-20200609	440-267213-17	06/09/20	Stage 2A	Water									X	X				X			

Table I. Sample Cross-Reference

LDC	SDG	Client Sample ID	Lab ID	Sample Date	Validation Level	Matrix	QC Type	VOC (8260B)	VOC (8260B SIM)	Metals (200.7)	Cr (200.7)	CrVI (218.6)	Anions (300.0)	Nitrate /Nitrite as N & Total Inorganic Nitrogen (Calc)	Chlorate (300.1B)	Perchlorate (314.0)	Ammonia as N (350.1)	TRP (420.4)	Conductivity (2510B)	TDS (2540C)	TOC (5310C)	TOX (9020B)	Field pH
48543H	4402672131	LVW4.75-1-0.8-20200609	440-267213-18	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW4.75-2-1.0-20200609	440-267213-19	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW4.75-3-1.0-20200609	440-267213-20	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW4.75-4-1.2-20200609	440-267213-21	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW4.75-5-1.1-20200609	440-267213-22	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW4.2-1-1.2-20200609	440-267213-23	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW4.2-2-2.2-20200609	440-267213-24	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW4.2-3-2.4-20200609	440-267213-25	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW4.2-4-1.7-20200609	440-267213-26	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW3.5-1-1.5-20200609	440-267213-27	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW3.5-2-0.8-20200609	440-267213-28	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW3.5-3-1.5-20200609	440-267213-29	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW3.5-4-1.2-20200609	440-267213-30	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW3.5-5-1.7-20200609	440-267213-31	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW3.5-6-1.5-20200609	440-267213-32	06/09/20	Stage 2A	Water									X	X				X			
48543H	4402672131	LVW0.55-1.1-20200609	440-267213-33	06/09/20	Stage 2A	Water	FD64								X	X				X			
48543H	4402672131	LVW0.55-1.1-20200609-FD	440-267213-34	06/09/20	Stage 2A	Water	FD64								X	X				X			
48543H	4402672131	LVW0.55-20200609-FB	440-267213-35	06/09/20	Stage 2A	Water	FB								X	X				X			

Table II. Stage 2A Validation Elements

Quality Control Elements	Stage 2A		
	VOCs	Metals	Wet Chemistry
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	-	-
Field Blanks	√	√	√
Inductively Coupled Plasma (ICP) Interference Check Sample	N/A	-	N/A
Surrogate Spikes	√	N/A	√
Matrix Spike (MS)/ Matrix Spike Duplicate (MSD)	√	√	√
Laboratory Duplicate (DUP)	N/A	N/A	√
Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD)	√	√	√
Serial Dilution	N/A	-	N/A
Internal Standards	-	-	N/A
Field Duplicate	√	√	√
Project Quantitation Limits (QLs) ¹	√	√	√
Multiple Results for One Sample	√	√	√
Compound Quantitation/ Sample Result Verification	-	-	-
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

¹PQLs verified for all methods.

Table III. Stage 2A Validation Percentages

Parameter	Stage 2A Results	Total Results	Stage 2A (%)
VOC	19,398	19,398	100
VOC SIM	636	636	100
Metals	756	756	100
Hexavalent Chromium	401	401	100
Chloride, Nitrate-N, Nitrite-N, and Sulfate	690	690	100
Nitrate/Nitrite-N and Total Inorganic Nitrogen - Calculation	4	4	100
Chlorate	1,004	1,004	100
Perchlorate	1,014	1,014	100
Ammonia-N	2	2	100
Total Recoverable Phenolics	4	4	100
Conductivity	4	4	100
TDS	940	940	100
TOC	4	4	100
TOX	4	4	100

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 RPD 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
orr	other result reported
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	Qualification Finding	Acceptance Criteria
4402585261	ART-2-20200106	01/06/20	E200.7	7440-47-3	Chromium (total)	0.0042	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402586161	PC-117-20200107	01/07/20	E300	14797-55-8_N	Nitrate as N	4.7		0.28	0.55	mg/l	J+	m	MS/MSD %R	126,125; 131,132	80-120 %
4402586161	PC-119-20200107	01/07/20	E300	14797-55-8_N	Nitrate as N	0.13	J	0.11	0.22	mg/l	J+	m,sp	MS/MSD %R; <PQL	126,125; 131,132	80-120 %
4402586161	PC-119-20200107-FD	01/07/20	E300	14797-55-8_N	Nitrate as N	0.14	J	0.11	0.22	mg/l	J+	m,sp	MS/MSD %R; <PQL	126,125; 131,132	80-120 %
4402586161	PC-133-20200107	01/07/20	E200.7	7440-47-3	Chromium (total)	0.0048	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402586161	PC-133-20200107	01/07/20	E300	14797-55-8_N	Nitrate as N	0.21	JF1	0.11	0.22	mg/l	J+	m,sp	MS/MSD %R; <PQL	126,125; 131,132	80-120 %
4402586161	PC-99R2/R3-20200107	01/07/20	E218.6	18540-29-9	Chromium VI	0.00048	J	0.00025	0.0010	mg/l	J	sp	<PQL		
4402588241	I-C-20200109	01/09/20	E300	14797-55-8_N	Nitrate as N	64	F1	1.1	2.2	mg/l	J+	m	MS/MSD %R	129, 123	80-120 %
4402591451	LVW3.5-1-1.4-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	51	F1	0.95	4.0	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW3.5-2-1.2-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	53		0.95	4.0	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW3.5-3-1.8-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	56		4.8	20	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW3.5-4-2.1-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	56		4.8	20	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW3.5-5-2.0-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	54		4.8	20	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW3.5-6-1.8-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	49		0.95	4.0	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW4.2-1-1.4-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	70		4.8	20	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW4.2-2-2.4-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	54		0.95	4.0	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW4.2-3-2.5-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	40		4.8	20	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW4.2-4-1.8-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	35		4.8	20	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW4.75-1-1.0-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	59		0.95	4.0	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW4.75-2-1.1-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	63		4.8	20	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW4.75-3-0.8-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	42		0.95	4.0	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW4.75-4-1.0-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	37		4.8	20	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW4.75-5-0.8-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	48		4.8	20	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW5.3-1-3.0-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	33		4.8	20	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW5.3-2-0.5-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	25		4.8	20	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW5.3-3-0.4-20200113	01/13/20	E314.0	14797-73-0	Perchlorate	25		4.8	20	ug/l	J+	m	MS/MSD %R	137, 139	80-120 %
4402591451	LVW6.6-2-2.3-20200114	01/14/20	E314.0	14797-73-0	Perchlorate	2.3	J	0.95	4.0	ug/l	J	sp	<PQL		
4402602251	M-44-20200204-FB4	02/04/20	SM2540C	TDS	Dissolved Solids (total)	8.0	J	5.0	10	mg/l	J	sp	<PQL		
4402604191	PC-117-20200206	02/06/20	E300	14797-55-8_N	Nitrate as N	4.5		0.11	0.22	mg/l	J+	m	MS/MSD %R	124, -	80-120 %
4402604191	PC-121-20200206	02/06/20	E300	14797-55-8_N	Nitrate as N	0.59	F1	0.055	0.11	mg/l	J+	m	MS/MSD %R	124, -	80-120 %
4402604191	PC-121-20200206- FD	02/06/20	E300	14797-55-8_N	Nitrate as N	0.62		0.11	0.22	mg/l	J+	m	MS/MSD %R	124, -	80-120 %
4402604191	PC-133-20200206	02/06/20	E300	14797-55-8_N	Nitrate as N	0.20	J	0.11	0.22	mg/l	J+	m,sp	MS/MSD %R; <PQL	124, -	80-120 %
4402604191	PC-99R2/R3-20200206	02/06/20	E218.6	18540-29-9	Chromium VI	0.00026	J	0.00025	0.0010	mg/l	J	sp	<PQL		
4402604621	LVW6.6-2-1.7-20200206	02/06/20	E314.0	14797-73-0	Perchlorate	2.5	J	0.95	4.0	ug/l	J	sp	<PQL		
4402604621	LVW6.6-3-0.5-20200206	02/06/20	E314.0	14797-73-0	Perchlorate	1.5	J	0.95	4.0	ug/l	J	sp	<PQL		
4402604621	LVW7.2-0.7-20200206	02/06/20	E314.0	14797-73-0	Perchlorate	1.2	J	0.95	4.0	ug/l	J	sp	<PQL		
4402604621	LVW7.2-0.7-20200206-FD	02/06/20	E314.0	14797-73-0	Perchlorate	1.2	J	0.95	4.0	ug/l	J	sp	<PQL		
4402606261	ART-2-20200210	02/10/20	E200.7	7440-47-3	Chromium (total)	0.0047	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402606261	ART-7B-20200210-EB	02/10/20	E200.7	7440-47-3	Chromium (total)	0.0034	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402609481	I-G-20200213	02/13/20	E300	14797-55-8_N	Nitrate as N	64	F1	1.1	2.2	mg/l	J+	m	MS/MSD %R	122, 123	80-120 %
4402609481	I-H-20200213	02/13/20	E300	14797-55-8_N	Nitrate as N	84	F1	1.1	2.2	mg/l	J+	m	MS/MSD %R	122, -	80-120 %
4402609481	I-Q-20200213	02/13/20	E300	14797-55-8_N	Nitrate as N	55		1.1	2.2	mg/l	J+	m	MS/MSD %R	122, 123	80-120 %
4402609481	I-T-20200213	02/13/20	E300	14797-55-8_N	Nitrate as N	76		1.1	2.2	mg/l	J+	m	MS/MSD %R	122, -	80-120 %
4402609481	I-U-20200213	02/13/20	E300	14797-55-8_N	Nitrate as N	85		1.1	2.2	mg/l	J+	m	MS/MSD %R	122, -	80-120 %
4402609491	I-J-20200213	02/13/20	E300	14797-55-8_N	Nitrate as N	6.5		0.55	1.1	mg/l	J+	m	MS/MSD %R	122, 123	80-120 %
4402609491	I-Z-20200213	02/13/20	E300	14797-55-8_N	Nitrate as N	8.9		0.55	1.1	mg/l	J+	m	MS/MSD %R	122, 123	80-120 %
4402620991	PC-116R-20200304	03/04/20	E200.7	7440-47-3	Chromium (total)	0.0036	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402620991	PC-117-20200304	03/04/20	E200.7	7440-47-3	Chromium (total)	0.0038	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402621881	ART-2-20200305	03/05/20	E200.7	7440-47-3	Chromium (total)	0.0044	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402623361	LVW6.6-3-0.5-20200306	03/06/20	E314.0	14797-73-0	Perchlorate	1.5	J	0.95	4.0	ug/l	J	sp	<PQL		
4402623361	LVW7.2-0.7-20200306	03/06/20	E314.0	14797-73-0	Perchlorate	2.1	J	0.95	4.0	ug/l	J	sp	<PQL		
4402623361	LVW7.2-0.7-20200306-FD	03/06/20	E314.0	14797-73-0	Perchlorate	2.0	J	0.95	4.0	ug/l	J	sp	<PQL		
4402623361	LVW8.85-0.5-20200306	03/06/20	E314.0	14797-73-0	Perchlorate	1.1	J	0.95	4.0	ug/l	J	sp	<PQL		
4402624011	I-AC-20200309	03/09/20	E300	14797-55-8_N	Nitrate as N	9.9		0.55	1.1	mg/l	J+	m	MS/MSD %R	124, -	80-120 %
4402624011	I-AD-20200309	03/09/20	E300	14797-55-8_N	Nitrate as N	9.2	F1	0.55	1.1	mg/l	J+	m	MS/MSD %R	124, -	80-120 %
4402624011	I-I-20200309	03/09/20	E300	14797-55-8_N	Nitrate as N	15		1.1	2.2	mg/l	J+	m	MS/MSD %R	124, -	80-120 %
4402624011	I-J-20200309	03/09/20	E300	14797-55-8_N	Nitrate as N	7.2		0.55	1.1	mg/l	J+	m	MS/MSD %R	124, -	80-120 %
4402624011	I-K-20200309	03/09/20	E300	14797-55-8_N	Nitrate as N	9.9		0.55	1.1	mg/l	J+	m	MS/MSD %R	124, -	80-120 %
4402624011	I-Z-20200309	03/09/20	E300	14797-55-8_N	Nitrate as N	9.5		0.55	1.1	mg/l	J+	m	MS/MSD %R	124, -	80-120 %
4402624921	I-C-20200310	03/10/20	E300	14797-55-8_N	Nitrate as N	54		1.1	2.2	mg/l	J+	m	MS/MSD %R	136, 135	80-120 %
4402624921	I-D-20200310	03/10/20	E300	14797-55-8_N	Nitrate as N	54		1.1	2.2	mg/l	J+	m	MS/MSD %R	136, 135	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	Qualification Finding	Acceptance Criteria
4402624921	I-E-20200310	03/10/20	E300	14797-55-8_N	Nitrate as N	33		1.1	2.2	mg/l	J+	m	MS/MSD %R	136, 135	80-120 %
4402624921	I-F-20200310	03/10/20	E300	14797-55-8_N	Nitrate as N	43	F1	1.1	2.2	mg/l	J+	m	MS/MSD %R	136, 135	80-120 %
4402624921	I-M-20200310	03/10/20	E300	14797-55-8_N	Nitrate as N	33		1.1	2.2	mg/l	J+	m	MS/MSD %R	136, 135	80-120 %
4402624921	I-N-20200310	03/10/20	E300	14797-55-8_N	Nitrate as N	86		1.1	2.2	mg/l	J+	m	MS/MSD %R	136, 135	80-120 %
4402624921	I-X-20200310	03/10/20	E300	14797-55-8_N	Nitrate as N	130		1.1	2.2	mg/l	J+	m	MS/MSD %R	136, 135	80-120 %
4402624941	I-AR-20200310	03/10/20	E300	14797-55-8_N	Nitrate as N	140		1.1	2.2	mg/l	J+	m	MS/MSD %R	136, 135	80-120 %
4402624941	I-S-20200310	03/10/20	E300	14797-55-8_N	Nitrate as N	67		0.55	1.1	mg/l	J+	m	MS/MSD %R	136, 135	80-120 %
4402638871	PC-115R-20200401	04/01/20	E200.7	7440-47-3	Chromium (total)	0.0033	JB	0.0025	0.0050	mg/l	J	bl,sp	Blank Contamination; <PQL	0.00430	0.043 mg/L
4402638871	PC-116R-20200401-FD	04/01/20	E200.7	7440-47-3	Chromium (total)	0.0044	JB	0.0025	0.0050	mg/l	J	bl,sp	Blank Contamination; <PQL	0.00380	0.038 mg/L
4402638871	PC-118-20200401	04/01/20	E200.7	7440-47-3	Chromium (total)	0.0045	JB	0.0025	0.0050	mg/l	J	bl,sp	Blank Contamination; <PQL	0.00430	0.043 mg/L
4402638871	PC-120-20200401	04/01/20	E200.7	7440-47-3	Chromium (total)	0.0049	JB	0.0025	0.0050	mg/l	J	bl,sp	Blank Contamination; <PQL	0.00430	0.043 mg/L
4402638871	PC-121-20200401	04/01/20	E314.0	14797-73-0	Perchlorate	0.031	F1	0.00050	0.0010	mg/l	J+	m	MS/MSD %R	-, 123	80-120 %
4402638871	PC-99R2/R3-20200401	04/01/20	E200.7	7440-47-3	Chromium (total)	0.0045	JB	0.0025	0.0050	mg/l	J	bl,sp	Blank Contamination; <PQL	0.00430	0.043 mg/L
4402638871	PC-99R2/R3-20200401	04/01/20	E218.6	18540-29-9	Chromium VI	0.00053	J	0.00025	0.0010	mg/l	J	sp	<PQL		
4402638881	ART-2-20200401	04/01/20	E200.7	7440-47-3	Chromium (total)	0.0038	JB	0.0025	0.0050	mg/l	J	bl,sp	Blank Contamination; <PQL	0.00380	0.038 mg/L
4402639471	I-C-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	57		1.1	2.2	mg/l	J+	m	MS/MSD %R	150, 145	80-120 %
4402639471	I-D-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	59		1.1	2.2	mg/l	J+	m	MS/MSD %R	150, 145	80-120 %
4402639631	I-G-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	79		1.1	2.2	mg/l	J+	m	MS/MSD %R	150, 145	80-120 %
4402639631	I-H-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	90	F1	1.1	2.2	mg/l	J+	m	MS/MSD %R	150, 145	80-120 %
4402639631	I-O-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	57		1.1	2.2	mg/l	J-	m	MS/MSD %R	68, 67	80-120 %
4402639631	I-P-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	85		1.1	2.2	mg/l	J-	m	MS/MSD %R	68, 67	80-120 %
4402639631	I-Q-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	65		1.1	2.2	mg/l	J+	m	MS/MSD %R	150, 145	80-120 %
4402639631	I-T-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	81		1.1	2.2	mg/l	J+	m	MS/MSD %R	150, 145	80-120 %
4402639631	I-U-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	90		1.1	2.2	mg/l	J+	m	MS/MSD %R	150, 145	80-120 %
4402639631	I-W-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	61		1.1	2.2	mg/l	J-	m	MS/MSD %R	68, 67	80-120 %
4402639631	I-W-20200402-FD	04/02/20	E300	14797-55-8_N	Nitrate as N	67		1.1	2.2	mg/l	J+	m	MS/MSD %R	150, 145	80-120 %
4402639641	I-V-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	45	F1	1.1	2.2	mg/l	J-	m	MS/MSD %R	68, 67	80-120 %
4402639661	I-AA-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	12	F1	0.55	1.1	mg/l	J+	m	MS/MSD %R	-, 121	80-120 %
4402639661	I-AB-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	27		0.55	1.1	mg/l	J+	m	MS/MSD %R	-, 121	80-120 %
4402639661	I-AR-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	130		2.8	5.5	mg/l	J+	m	MS/MSD %R	150, 145	80-120 %
4402639661	I-B-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	63		0.55	1.1	mg/l	J+	m	MS/MSD %R	-, 121	80-120 %
4402639661	I-L-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	68		0.55	1.1	mg/l	J+	m	MS/MSD %R	-, 121	80-120 %
4402639661	I-R-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	100		1.1	2.2	mg/l	J+	m	MS/MSD %R	-, 121	80-120 %
4402639661	I-S-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	73		0.55	1.1	mg/l	J+	m	MS/MSD %R	150, 145	80-120 %
4402639661	I-Y-20200402	04/02/20	E300	14797-55-8_N	Nitrate as N	87		0.55	1.1	mg/l	J+	m	MS/MSD %R	-, 121	80-120 %
4402642681	E2-2-20200407	04/07/20	E300	14797-55-8_N	Nitrate as N	21	F1	0.55	1.1	mg/l	J+	m	MS/MSD %R	449, 450	80-120 %
4402642681	E2-3-20200407	04/07/20	E300	14797-55-8_N	Nitrate as N	50		1.1	2.2	mg/l	J+	m	MS/MSD %R	449, 450	80-120 %
4402642681	E2-4-20200407	04/07/20	E300	14797-55-8_N	Nitrate as N	89		0.55	1.1	mg/l	J+	m	MS/MSD %R	449, 450	80-120 %
4402642681	E2-5-20200407	04/07/20	E300	14797-55-8_N	Nitrate as N	110		1.1	2.2	mg/l	J+	m	MS/MSD %R	449, 450	80-120 %
4402648351	LVW4.75-1-0.8-20200414	04/14/20	SM2540C	TDS	Dissolved Solids (total)	1500	H	5.0	10	mg/l	J-	h	Holding Times	9	7 days
4402648351	LVW4.75-2-1.3-20200414	04/14/20	SM2540C	TDS	Dissolved Solids (total)	1500	H	5.0	10	mg/l	J-	h	Holding Times	9	7 days
4402648351	LVW6.6-2-3.0-20200414	04/14/20	E314.0	14797-73-0	Perchlorate	2.0	J	0.95	4.0	ug/l	J	sp	<PQL		
4402648351	LVW7.2-0-9-20200416	04/16/20	E314.0	14797-73-0	Perchlorate	1.1	J	0.95	4.0	ug/l	J	sp	<PQL		
4402648351	LVW7.2-0-9-20200416-FD	04/16/20	E314.0	14797-73-0	Perchlorate	1.0	J	0.95	4.0	ug/l	J	sp	<PQL		
4402648351	LVW8.85-0-9-20200416	04/16/20	E314.0	14797-73-0	Perchlorate	1.3	J	0.95	4.0	ug/l	J	sp	<PQL		
4402654101	LVW6.6-2-2.9-20200501	05/01/20	E314.0	14797-73-0	Perchlorate	1.8	J	0.95	4.0	ug/l	J	sp	<PQL		
4402654101	LVW7.2-1.0-20200501	05/01/20	E314.0	14797-73-0	Perchlorate	1.6	J	0.95	4.0	ug/l	J	sp	<PQL		
4402654101	LVW7.2-1.0-20200501-FD	05/01/20	E314.0	14797-73-0	Perchlorate	1.6	J	0.95	4.0	ug/l	J	sp	<PQL		
4402655131	PC-79-20200504	05/04/20	E300.1	14866-68-3	Chlorate	14	J	2.0	20	ug/l	J	sp	<PQL		
4402655131	SWFTS-MW07A-20200504	05/04/20	SW8260	127-18-4	Tetrachloroethene	0.27	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655131	SWFTS-MW07A-20200504	05/04/20	SW8260	75-34-3	1,1-Dichloroethane	0.27	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655131	SWFTS-MW07A-20200504	05/04/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.55	J	0.50	2.0	ug/l	J	sp	<PQL		
4402655181	PC-58-20200504	05/04/20	SW8260	67-66-3	Chloroform	0.44	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655181	PC-58-20200504-FD7	05/04/20	SW8260	67-66-3	Chloroform	0.46	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655761	MW-K5-20200505	05/05/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0034	J	0.0025	0.0050	ug/l	J	sp	<PQL		
4402655761	PC-90-20200505	05/05/20	SW8260	75-34-3	1,1-Dichloroethane	0.31	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655761	PC-90-20200505	05/05/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0033	J	0.0025	0.0050	ug/l	J	sp	<PQL		
4402655761	SWFTS-MW08A-20200505	05/05/20	SW8260	127-18-4	Tetrachloroethene	0.38	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655761	SWFTS-MW08A-20200505	05/05/20	SW8260	75-34-3	1,1-Dichloroethane	0.31	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655761	SWFTS-MW08C-20200505	05/05/20	SW8260	106-46-7	1,4-Dichlorobenzene	0.40	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655761	SWFTS-MW08C-20200505	05/05/20	SW8260	100-42-5	Styrene		UF1	0.25	0.50	ug/l	UJ	m	MS/MSD %R	6, 4	29-150 %

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	Qualification Finding	Acceptance Criteria
4402655761	SWFTS-MW08C-20200505	05/05/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.1	J	0.50	2.0	ug/l	J	sp	<PQL		
4402655781	PC-137-20200505	05/05/20	E314.0	14797-73-0	Perchlorate		U	0.50	1.0	ug/l	UJ	m	MS/MSD %R	69,72	80-120 %
4402655781	PC-157A-20200505	05/05/20	E300	14797-55-8_N	Nitrate as N	0.15	J	0.11	0.22	mg/l	J	sp	<PQL		
4402655781	PC-96-20200505	05/05/20	E300.1	14866-68-3	Chlorate	50	J	10	100	ug/l	J	sp	<PQL		
4402655791	ARP-2A-20200505	05/05/20	SW8260	120-82-1	1,2,4-Trichlorobenzene	0.41	J	0.40	1.0	ug/l	J	sp	<PQL		
4402655791	PC-134D-20200505	05/05/20	E314.0	14797-73-0	Perchlorate		U	0.50	1.0	ug/l	UJ	m	MS/MSD %R	69,72	80-120 %
4402655791	PC-135A-20200505	05/05/20	SW8260	79-01-6	Trichloroethene	0.25	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655801	ARP-5A-20200505	05/05/20	SW8260	75-34-3	1,1-Dichloroethane	0.34	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655801	ARP-6B-20200505	05/05/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.75	J	0.50	2.0	ug/l	J	sp	<PQL		
4402655801	PC-122-20200505	05/05/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.86	J	0.50	2.0	ug/l	J	sp	<PQL		
4402655801	PC-82-20200505	05/05/20	SW8260	106-46-7	1,4-Dichlorobenzene	0.41	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655801	PC-82-20200505	05/05/20	SW8260	108-90-7	Chlorobenzene	0.44	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655811	PC-94-20200505	05/05/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.99	J	0.50	2.0	ug/l	J	sp	<PQL		
4402655811	PC-94-20200505	05/05/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.014		0.0025	0.0050	ug/l	J	fd	FD RPD	40	30 %
4402655811	PC-94-20200505-FD6	05/05/20	SW8260	127-18-4	Tetrachloroethene	0.31	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655811	PC-94-20200505-FD6	05/05/20	SW8260	75-34-3	1,1-Dichloroethane	0.32	J	0.25	0.50	ug/l	J	sp	<PQL		
4402655811	PC-94-20200505-FD6	05/05/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0093		0.0025	0.0050	ug/l	J	fd	FD RPD	40	30 %
4402655811	PC-94-20200505-FD6	05/05/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.52	J	0.50	2.0	ug/l	J	sp	<PQL		
4402656401	PC-99R2/R3-20200506	05/06/20	E218.6	18540-29-9	Chromium VI	0.00061	J	0.00025	0.0010	mg/l	J	sp	<PQL		
4402656451	PC-156B-20200506	05/06/20	E200.7	7440-47-3	Chromium (total)	0.0026	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402656451	PC-98R-20200506	05/06/20	E200.7	7440-47-3	Chromium (total)	0.0040	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402656451	PC-98R-20200506	05/06/20	SW8260	67-66-3	Chloroform	0.28	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656501	PC-148-20200506	05/06/20	SW8260	79-01-6	Trichloroethene	0.28	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656501	PC-149-20200506	05/06/20	E300	14797-55-8_N	Nitrate as N	0.47	J	0.28	0.55	mg/l	J	sp	<PQL		
4402656501	PC-149-20200506	05/06/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0041	J	0.0025	0.0050	ug/l	J	sp	<PQL		
4402656501	PC-2-20200506	05/06/20	E200.7	7440-47-3	Chromium (total)	0.0035	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402656501	PC-2-20200506	05/06/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.68	J	0.50	2.0	ug/l	J	sp	<PQL		
4402656501	PC-2-20200506	05/06/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0025	J	0.0025	0.0050	ug/l	J	sp	<PQL		
4402656501	PC-4-20200506	05/06/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.2	J	0.50	2.0	ug/l	J	sp	<PQL		
4402656531	PC-143-20200506	05/06/20	E200.7	7440-47-3	Chromium (total)	0.0035	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402656531	PC-55-20200506	05/06/20	E300	14797-55-8_N	Nitrate as N	1.6	J	1.1	2.2	mg/l	J	sp	<PQL		
4402656531	PC-55-20200506	05/06/20	SW8260	541-73-1	1,3-Dichlorobenzene	0.40	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656531	PC-55-20200506	05/06/20	SW8260	67-66-3	Chloroform	0.50	J	0.25	0.50	ug/l	J+	bf	FB Contamination	0.64	1.28 ug/L
4402656531	PC-55-20200506	05/06/20	SW8260	79-01-6	Trichloroethene	0.47	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656531	PC-55-20200506	05/06/20	SW8260	120-82-1	1,2,4-Trichlorobenzene	0.95	J	0.40	1.0	ug/l	J	sp	<PQL		
4402656551	PC-103-20200506-FB6	05/06/20	SW8260	67-66-3	Chloroform	0.49	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656551	PC-108-20200506	05/06/20	SW8260	106-46-7	1,4-Dichlorobenzene	0.48	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656551	PC-108-20200506	05/06/20	SW8260	541-73-1	1,3-Dichlorobenzene	0.45	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656561	ARP-7-20200506	05/06/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.84	J	0.50	2.0	ug/l	J	sp	<PQL		
4402656561	PC-136-20200506-TB5	05/06/20	SW8260	67-66-3	Chloroform	0.29	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656561	PC-137D-20200506	05/06/20	E300	14797-55-8_N	Nitrate as N		U	0.55	1.1	mg/l	UJ	m	MS/MSD %R	77,-	80-120 %
4402656561	PC-137D-20200506	05/06/20	E314.0	14797-73-0	Perchlorate		UF1	0.50	1.0	ug/l	UJ	m	MS/MSD %R	69,72	80-120 %
4402656561	PC-145-20200506	05/06/20	E300	14797-55-8_N	Nitrate as N	19		1.1	2.2	mg/l	J-	m	MS/MSD %R	77,-	80-120 %
4402656561	PC-145-20200506	05/06/20	SW8260	75-35-4	1,1-Dichloroethene	0.40	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656561	PC-145-20200506	05/06/20	SW8260	79-01-6	Trichloroethene	0.36	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656561	PC-145-20200506	05/06/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.82	J	0.50	2.0	ug/l	J	sp	<PQL		
4402656581	ARP-1-20200506	05/06/20	E300	14797-55-8_N	Nitrate as N	6.8		1.1	2.2	mg/l	J-	m	MS/MSD %R	77,-	80-120 %
4402656581	ARP-3A-20200506	05/06/20	E200.7	7440-47-3	Chromium (total)	0.0048	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402656581	ARP-3A-20200506	05/06/20	E300	14797-55-8_N	Nitrate as N	7.2	F1	0.55	1.1	mg/l	J-	m	MS/MSD %R	77,-	80-120 %
4402656581	ARP-3A-20200506	05/06/20	SW8260	87-61-6	1,2,3-Trichlorobenzene	0.71	J	0.40	1.0	ug/l	J	sp	<PQL		
4402656581	ARP-3A-20200506	05/06/20	SW8260	79-01-6	Trichloroethene	0.26	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656581	ARP-3A-20200506-FD8	05/06/20	E300	14797-55-8_N	Nitrate as N	5.8		0.55	1.1	mg/l	J-	m	MS/MSD %R	77,-	80-120 %
4402656581	ARP-3A-20200506-FD8	05/06/20	SW8260	95-50-1	1,2-Dichlorobenzene	0.48	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656581	ARP-3A-20200506-FD8	05/06/20	SW8260	87-61-6	1,2,3-Trichlorobenzene	0.65	J	0.40	1.0	ug/l	J	sp	<PQL		
4402656581	MW-K4-20200506	05/06/20	SW8260	75-34-3	1,1-Dichloroethane	0.26	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656581	PC-18-20200506	05/06/20	E300	14797-55-8_N	Nitrate as N	7.4		2.8	5.5	mg/l	J-	m	MS/MSD %R	77,-	80-120 %
4402656581	PC-18-20200506	05/06/20	SW8260	127-18-4	Tetrachloroethene	0.45	J	0.25	0.50	ug/l	J	sp	<PQL		
4402656581	PC-18-20200506	05/06/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.6	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657261	ART-6-20200507	05/07/20	SW8260	75-27-4	Bromodichloromethane	0.42	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657261	HMW-16-20200507	05/07/20	SW8260	108-90-7	Chlorobenzene	0.26	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657261	PC-123-20200507	05/07/20	E300.1	14866-68-3	Chlorate	320000		4000	40000	ug/l	J-	m	MS/MSD %R	73,-	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	Qualification Finding	Acceptance Criteria
4402657261	PC-124-20200507	05/07/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.2	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657261	PC-125-20200507	05/07/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.96	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657261	PC-126-20200507	05/07/20	SW8260	56-23-5	Carbon Tetrachloride	4.1	J	2.5	5.0	ug/l	J	sp	<PQL		
4402657261	PC-126-20200507	05/07/20	SW8260	127-18-4	Tetrachloroethene	3.6	J	2.5	5.0	ug/l	J	sp	<PQL		
4402657261	PC-126-20200507	05/07/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.2	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657261	PC-127-20200507	05/07/20	SW8260	79-01-6	Trichloroethene	0.33	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657261	PC-128-20200507	05/07/20	E300.1	14866-68-3	Chlorate	140000		2000	20000	ug/l	J-	m	MS/MSD %R	73,-	75-125 %
4402657261	PC-129-20200507	05/07/20	SW8260	127-18-4	Tetrachloroethene	0.30	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657261	PC-129-20200507	05/07/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.56	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657261	PC-130-20200507	05/07/20	SW8260	100-42-5	Styrene		UF1	0.25	0.50	ug/l	R	m	MS/MSD %R	0, 0	29-150 %
4402657261	PC-130-20200507	05/07/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.68	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657261	PC-131-20200507	05/07/20	E200.7	7440-47-3	Chromium (total)	0.0025	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402657261	PC-131-20200507	05/07/20	E300.1	14866-68-3	Chlorate		UF1	10	100	ug/l	UJ	m	MS/MSD %R	73,-	75-125 %
4402657261	PC-131-20200507	05/07/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.4	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657261	PC-132-20200507	05/07/20	SW8260	87-61-6	1,2,3-Trichlorobenzene	0.84	J	0.40	1.0	ug/l	J	sp	<PQL		
4402657261	PC-132-20200507	05/07/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.93	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657261	PC-132-20200507	05/07/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0046	J	0.0025	0.0050	ug/l	J	sp	<PQL		
4402657261	PC-142-20200507	05/07/20	SW8260	67-66-3	Chloroform	0.90		0.25	0.50	ug/l	J+	bf	FB Contamination	0.62	1.24 ug/L
4402657261	PC-142-20200507	05/07/20	SW8260	79-01-6	Trichloroethene	0.26	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657261	PC-151-20200507	05/07/20	E300.1	14866-68-3	Chlorate	9800		200	2000	ug/l	J-	m	MS/MSD %R	73,-	75-125 %
4402657261	PC-151-20200507	05/07/20	SW8260	120-82-1	1,2,4-Trichlorobenzene	0.92	J	0.40	1.0	ug/l	J	sp	<PQL		
4402657261	PC-151-20200507	05/07/20	SW8260	87-61-6	1,2,3-Trichlorobenzene	0.74	J	0.40	1.0	ug/l	J	sp	<PQL		
4402657261	PC-152-20200507	05/07/20	E200.7	7440-47-3	Chromium (total)	0.0039	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402657261	PC-152-20200507	05/07/20	SW8260	87-61-6	1,2,3-Trichlorobenzene	0.54	J	0.40	1.0	ug/l	J	sp	<PQL		
4402657261	PC-153R-20200507	05/07/20	E300	14797-55-8_N	Nitrate as N	2.0	J	1.1	2.2	mg/l	J	sp	<PQL		
4402657261	PC-153R-20200507	05/07/20	SW8260	79-01-6	Trichloroethene	0.35	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657261	PC-24-20200507	05/07/20	SW8260	56-23-5	Carbon Tetrachloride	0.39	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657261	PC-24-20200507	05/07/20	SW8260	127-18-4	Tetrachloroethene	0.27	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657261	PC-28-20200507	05/07/20	E300.1	14866-68-3	Chlorate	210000		2000	20000	ug/l	J-	m	MS/MSD %R	73,-	75-125 %
4402657261	PC-28-20200507	05/07/20	SW8260	127-18-4	Tetrachloroethene	0.97		0.25	0.50	ug/l	J	fd	FD RPD	55	30 %
4402657261	PC-28-20200507-FD5	05/07/20	E300.1	14866-68-3	Chlorate	210000		2000	20000	ug/l	J-	m	MS/MSD %R	73,-	75-125 %
4402657261	PC-28-20200507-FD5	05/07/20	SW8260	127-18-4	Tetrachloroethene	0.55		0.25	0.50	ug/l	J	fd	FD RPD	55	30 %
4402657261	PC-50-20200507	05/07/20	E300	14797-55-8_N	Nitrate as N	3.5	J	2.8	5.5	mg/l	J	sp	<PQL		
4402657261	PC-50-20200507	05/07/20	SW8260	127-18-4	Tetrachloroethene	0.40	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657261	PC-50-20200507	05/07/20	SW8260	108-90-7	Chlorobenzene	0.41	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657261	PC-50-20200507	05/07/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.8	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657261	PC-64-20200507	05/07/20	SW8260	127-18-4	Tetrachloroethene	1.4		0.25	0.50	ug/l	J	fd	FD RPD	40	30 %
4402657261	PC-64-20200507-FD9	05/07/20	SW8260	100-42-5	Styrene		UF1	0.25	0.50	ug/l	R	m	MS/MSD %R	0, 0	29-150 %
4402657261	PC-64-20200507-FD9	05/07/20	SW8260	127-18-4	Tetrachloroethene	2.1		0.25	0.50	ug/l	J	fd	FD RPD	40	30 %
4402657261	PC-66-20200507	05/07/20	E300.1	14866-68-3	Chlorate	530000		4000	40000	ug/l	J-	m	MS/MSD %R	73,-	75-125 %
4402657261	PC-66-20200507	05/07/20	SW8260	95-50-1	1,2-Dichlorobenzene	0.48	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657261	PC-66-20200507	05/07/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.52	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657261	PC-67-20200507	05/07/20	E300.1	14866-68-3	Chlorate	230000		2000	20000	ug/l	J-	m	MS/MSD %R	73,-	75-125 %
4402657261	PC-67-20200507	05/07/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.9	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657841	H-56R-20200508	05/08/20	SW8260	79-01-6	Trichloroethene	0.44	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	H-56R-20200508	05/08/20	SW8260	75-34-3	1,1-Dichloroethane	0.43	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	H-56R-20200508	05/08/20	SW8260	67-66-3	Chloroform	0.46	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	HMW-14-20200508	05/08/20	SW8260	75-34-3	1,1-Dichloroethane	0.31	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	M-48A-20200508	05/08/20	SW8260	56-23-5	Carbon Tetrachloride	1.7	J	1.3	2.5	ug/l	J	sp	<PQL		
4402657841	MC-65R2-20200508	05/08/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.85	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657841	MC-MW37R2-20200508	05/08/20	SW8260	75-35-4	1,1-Dichloroethene	0.33	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	MC-MW37R2-20200508-EB7	05/08/20	SW8260	67-66-3	Chloroform	0.48	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-107-20200508	05/08/20	E300	14797-55-8_N	Nitrate as N	22	F1	1.1	2.2	mg/l	J+	m	MS/MSD %R	176,178	80-120 %
4402657841	PC-107-20200508	05/08/20	SW8260	127-18-4	Tetrachloroethene	0.35	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-107-20200508	05/08/20	SW8260	75-34-3	1,1-Dichloroethane	0.46	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-136-20200508	05/08/20	E300	14797-55-8_N	Nitrate as N	12		1.1	2.2	mg/l	J+	m	MS/MSD %R	-,122	80-120 %
4402657841	PC-154-20200508	05/08/20	E200.7	7440-47-3	Chromium (total)	0.0026	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402657841	PC-154-20200508	05/08/20	E300	14797-55-8_N	Nitrate as N	13		1.1	2.2	mg/l	J+	m	MS/MSD %R	176,178	80-120 %
4402657841	PC-154-20200508	05/08/20	SW8260	67-66-3	Chloroform	1.1		0.25	0.50	ug/l	J+	be	EB Contamination	0.59	1.18 ug/L
4402657841	PC-158-20200508	05/08/20	E300	14797-55-8_N	Nitrate as N	10		1.1	2.2	mg/l	J+	m	MS/MSD %R	176,178	80-120 %
4402657841	PC-159-20200508	05/08/20	E200.7	7440-47-3	Chromium (total)	0.0025	J	0.0025	0.0050	mg/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	Qualification Finding	Acceptance Criteria
4402657841	PC-159-20200508	05/08/20	E300	14797-55-8_N	Nitrate as N	8.0		1.1	2.2	mg/l	J+	m	MS/MSD %R	176,178	80-120 %
4402657841	PC-159-20200508	05/08/20	SW8260	87-61-6	1,2,3-Trichlorobenzene	0.71	J	0.40	1.0	ug/l	J	sp	<PQL		
4402657841	PC-159-20200508	05/08/20	SW8260	79-01-6	Trichloroethene	0.35	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-160-20200508	05/08/20	E300	14797-55-8_N	Nitrate as N	6.9		1.1	2.2	mg/l	J+	m	MS/MSD %R	176,178	80-120 %
4402657841	PC-160-20200508	05/08/20	SW8260	541-73-1	1,3-Dichlorobenzene	0.26	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-160-20200508	05/08/20	SW8260	87-61-6	1,2,3-Trichlorobenzene	0.79	J	0.40	1.0	ug/l	J	sp	<PQL		
4402657841	PC-21A-20200508	05/08/20	E300	14797-55-8_N	Nitrate as N	25		2.8	5.5	mg/l	J+	m	MS/MSD %R	176,178	80-120 %
4402657841	PC-21A-20200508	05/08/20	SW8260	75-35-4	1,1-Dichloroethene	0.47	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-21A-20200508	05/08/20	SW8260	56-23-5	Carbon Tetrachloride	0.39	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-31-20200508	05/08/20	E300	14797-55-8_N	Nitrate as N	3.5	F1	0.55	1.1	mg/l	J+	m	MS/MSD %R	,122	80-120 %
4402657841	PC-31-20200508	05/08/20	SW8260	108-90-7	Chlorobenzene	0.39	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-31-20200508	05/08/20	SW8260	107-06-2	1,2-Dichloroethane	0.31	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-31-20200508	05/08/20	SW8260	541-73-1	1,3-Dichlorobenzene	0.46	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-40R-20200508	05/08/20	SW8260	100-42-5	Styrene		UF1	0.25	0.50	ug/l	R	m	MS/MSD %R	0, 0	29-150 %
4402657841	PC-40R-20200508	05/08/20	SW8260	107-06-2	1,2-Dichloroethane	0.46	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-40R-20200508	05/08/20	SW8260	87-61-6	1,2,3-Trichlorobenzene	0.64	J	0.40	1.0	ug/l	J	sp	<PQL		
4402657841	PC-54-20200508	05/08/20	SW8260	87-68-3	Hexachlorobutadiene	0.27	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-71-20200508	05/08/20	SW8260	127-18-4	Tetrachloroethene	0.46	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-71-20200508	05/08/20	SW8260	56-23-5	Carbon Tetrachloride	0.46	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-71-20200508	05/08/20	SW8260	79-01-6	Trichloroethene	0.33	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-71-20200508	05/08/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.96	J	0.50	2.0	ug/l	J	sp	<PQL		
4402657841	PC-72-20200508	05/08/20	SW8260	79-01-6	Trichloroethene	0.44	J	0.25	0.50	ug/l	J	sp	<PQL		
4402657841	PC-72-20200508	05/08/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.2	J	0.50	2.0	ug/l	J	sp	<PQL		
4402658271	ART-1A-20200511	05/11/20	E300	14797-55-8_N	Nitrate as N	3.0	F1	0.55	1.1	mg/l	J+	m	MS/MSD %R	142,140	80-120 %
4402658271	ART-2/2A-20200511	05/11/20	E200.7	7440-47-3	Chromium (total)	0.0049	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402658271	ART-3A-20200511	05/11/20	E300	14797-55-8_N	Nitrate as N	17		1.1	2.2	mg/l	J+	m	MS/MSD %R	142,140	80-120 %
4402658271	ART-3A-20200511-EB	05/11/20	E314.0	14797-73-0	Perchlorate	0.00083	J	0.00050	0.0010	mg/l	J	sp	<PQL		
4402658271	ART-4-20200511	05/11/20	E300	14797-55-8_N	Nitrate as N	13		0.55	1.1	mg/l	J+	m	MS/MSD %R	142,140	80-120 %
4402658271	ART-7B-20200511	05/11/20	E300	14797-55-8_N	Nitrate as N	25		1.1	2.2	mg/l	J+	m	MS/MSD %R	142,140	80-120 %
4402658271	ART-9-20200511	05/11/20	E300	14797-55-8_N	Nitrate as N	22		0.55	1.1	mg/l	J+	m	MS/MSD %R	142,140	80-120 %
4402658271	PC-150-20200511	05/11/20	E300	14797-55-8_N	Nitrate as N	9.3		0.55	1.1	mg/l	J+	m	MS/MSD %R	142,140	80-120 %
4402658531	H-28A-20200511	05/11/20	SW8260	71-43-2	Benzene	6.7	J	5.0	10	ug/l	J	sp	<PQL		
4402658531	H-58R-20200511	05/11/20	SW8260	67-66-3	Chloroform	0.49	J	0.25	0.50	ug/l	J	sp	<PQL		
4402658531	H-58R-20200511	05/11/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0039	J	0.0025	0.0050	ug/l	J	sp	<PQL		
4402658531	M-155-20200511	05/11/20	E300.1	14866-68-3	Chlorate	7.2	J	2.0	20	ug/l	J	sp	<PQL		
4402658531	M-206-20200511	05/11/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.56	J	0.50	2.0	ug/l	J	sp	<PQL		
4402658531	M-260-20200511	05/11/20	E200.7	7440-47-3	Chromium (total)	0.0044	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402658531	M-263-20200511	05/11/20	SW8260	56-23-5	Carbon Tetrachloride	2.5	J	2.5	5.0	ug/l	J	sp	<PQL		
4402658531	M-263-20200511	05/11/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.0	J	0.50	2.0	ug/l	J	sp	<PQL		
4402658531	M-267-20200511	05/11/20	E300	14797-55-8_N	Nitrate as N	2.3	F1	0.055	0.11	mg/l	J+	m	MS/MSD %R	166,175	80-120 %
4402658531	M-6A-20200511	05/11/20	SW8260	127-18-4	Tetrachloroethene	0.40	J	0.25	0.50	ug/l	J	sp	<PQL		
4402658531	M-73-20200511	05/11/20	E300	14797-55-8_N	Nitrate as N	9.5		1.1	2.2	mg/l	DNR	orr			
4402658531	M-73-20200511	05/11/20	E300	14797-55-8_N	Nitrate as N	13	H	1.1	2.2	mg/l	J-	h	Holding Times	51.90	48 hours
4402658531	MC-3-20200511	05/11/20	SW8260	120-82-1	1,2,4-Trichlorobenzene	90	J	40	100	ug/l	J	sp	<PQL		
4402658531	MC-50-20200511	05/11/20	SW8260	541-73-1	1,3-Dichlorobenzene	0.37	J	0.25	0.50	ug/l	J	sp	<PQL		
4402658531	MC-50-20200511	05/11/20	SW8260	79-01-6	Trichloroethene	0.46	J	0.25	0.50	ug/l	J	sp	<PQL		
4402658531	MC-51-20200511	05/11/20	E300.1	14866-68-3	Chlorate	74	J	40	400	ug/l	J	sp	<PQL		
4402658531	MC-51-20200511	05/11/20	SW8260	106-46-7	1,4-Dichlorobenzene	0.42	J	0.25	0.50	ug/l	J	sp	<PQL		
4402658531	MC-51-20200511	05/11/20	SW8260	71-43-2	Benzene	0.33	J	0.25	0.50	ug/l	J	sp	<PQL		
4402658531	MC-51-20200511	05/11/20	SW8260	87-61-6	1,2,3-Trichlorobenzene	0.46	J	0.40	1.0	ug/l	J	sp	<PQL		
4402658531	MC-51-20200511	05/11/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0047	J	0.0025	0.0050	ug/l	J	sp	<PQL		
4402658531	MC-6-20200511	05/11/20	E300.1	14866-68-3	Chlorate	310	J	40	400	ug/l	J	sp	<PQL		
4402658531	MC-6-20200511	05/11/20	SW8260	75-34-3	1,1-Dichloroethane	0.28	J	0.25	0.50	ug/l	J	sp	<PQL		
4402658531	MC-6-20200511	05/11/20	SW8260	95-50-1	1,2-Dichlorobenzene	0.28	J	0.25	0.50	ug/l	J	sp	<PQL		
4402658531	MC-6-20200511	05/11/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0046	J	0.0025	0.0050	ug/l	J	sp	<PQL		
4402658531	MC-69-20200511	05/11/20	SW8260	87-61-6	1,2,3-Trichlorobenzene	0.59	J	0.40	1.0	ug/l	J	sp	<PQL		
4402658531	MC-69-20200511	05/11/20	SW8260	71-43-2	Benzene	0.36	J	0.25	0.50	ug/l	J	sp	<PQL		
4402658531	MC-7-20200511	05/11/20	SW8260	541-73-1	1,3-Dichlorobenzene	6.9	J	5.0	10	ug/l	J	sp	<PQL		
4402658531	MC-7-20200511	05/11/20	SW8260	71-43-2	Benzene	6.4	J	5.0	10	ug/l	J	sp	<PQL		
4402658531	MC-7-20200511	05/11/20	SW8260	87-61-6	1,2,3-Trichlorobenzene	16	J	8.0	20	ug/l	J	sp	<PQL		
4402658531	MC-7-20200511-FD17	05/11/20	SW8260	71-43-2	Benzene	6.0	J	5.0	10	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	Qualification Finding	Acceptance Criteria
4402658531	MC-7-20200511-FD17	05/11/20	SW8260	87-61-6	1,2,3-Trichlorobenzene	14	J	8.0	20	ug/l	J	sp	<PQL		
4402658531	MC-7-20200511-FD17	05/11/20	SW8260	541-73-1	1,3-Dichlorobenzene	7.8	J	5.0	10	ug/l	J	sp	<PQL		
4402658531	MC-7-20200511-FD17	05/11/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.033	J	0.025	0.050	ug/l	J	sp	<PQL		
4402658531	MC-97-20200511	05/11/20	E300.1	14866-68-3	Chlorate	110	J	40	400	ug/l	J	sp	<PQL		
4402658531	TR-12-20200511	05/11/20	E314.0	14797-73-0	Perchlorate	0.52	J	0.50	1.0	ug/l	J	sp	<PQL		
4402658531	TR-4-20200511	05/11/20	E300.1	14866-68-3	Chlorate	4.0	J	4.0	40	ug/l	J	sp	<PQL		
4402658961	M-44-20200512	05/12/20	SW8260	75-25-2	Bromoform	0.80	J	0.40	1.0	ug/l	J	sp	<PQL		
4402658961	M-44-20200512	05/12/20	SW8260	79-01-6	Trichloroethene	0.31	J	0.25	0.50	ug/l	J	sp	<PQL		
4402658961	M-44-20200512	05/12/20	SW8260	95-50-1	1,2-Dichlorobenzene	0.45	J	0.25	0.50	ug/l	J	sp	<PQL		
4402658961	M-44-20200512	05/12/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.84	J	0.50	2.0	ug/l	J	sp	<PQL		
4402659121	M-152-20200512	05/12/20	E300.1	14866-68-3	Chlorate	77	J	10	100	ug/l	J	sp	<PQL		
4402659121	M-152-20200512-FD10	05/12/20	E300.1	14866-68-3	Chlorate	80	J	10	100	ug/l	J	sp	<PQL		
4402659121	M-156-20200512	05/12/20	E314.0	14797-73-0	Perchlorate	0.67	J	0.50	1.0	ug/l	J	sp	<PQL		
4402659121	M-159-20200512	05/12/20	SW8260	75-01-4	Vinyl Chloride	13	J	13	25	ug/l	J	sp	<PQL		
4402659121	M-161D-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	0.013		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	M-165-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	0.031		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	M-165-20200512	05/12/20	E300.1	14866-68-3	Chlorate	13	J	2.0	20	ug/l	J	sp	<PQL		
4402659121	M-181-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	0.040		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	M-181-20200512	05/12/20	E300.1	14866-68-3	Chlorate	5.7	J	2.0	20	ug/l	J	sp	<PQL		
4402659121	M-182-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	1.0		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	M-182-20200512	05/12/20	E314.0	14797-73-0	Perchlorate	14000		250	500	ug/l	J-	m	MS/MSD %R	79,-	80-120 %
4402659121	M-182-20200512	05/12/20	SW8260	56-23-5	Carbon Tetrachloride	4.2	J	2.5	5.0	ug/l	J	sp	<PQL		
4402659121	M-204-20200512	05/12/20	E300.1	14866-68-3	Chlorate	9.1	J	2.0	20	ug/l	J	sp	<PQL		
4402659121	M-204-20200512	05/12/20	E314.0	14797-73-0	Perchlorate	0.74	J	0.50	1.0	ug/l	J	sp	<PQL		
4402659121	M-205-20200512	05/12/20	E300	14797-55-8_N	Nitrate as N	3.5	J	2.8	5.5	mg/l	J	sp	<PQL		
4402659121	M-205-20200512	05/12/20	SW8260	67-66-3	Chloroform	1.0		0.25	0.50	ug/l	J+	be	EB Contamination	0.62	1.24 ug/L
4402659121	M-205-20200512	05/12/20	SW8260	75-01-4	Vinyl Chloride	0.32	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659121	M-205-20200512	05/12/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.51	J	0.50	2.0	ug/l	J	sp	<PQL		
4402659121	M-207-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	0.48		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	M-211-20200512	05/12/20	SW8260	56-23-5	Carbon Tetrachloride	2.4	J	1.3	2.5	ug/l	J	sp	<PQL		
4402659121	M-212-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	0.42		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	M-212-20200512	05/12/20	SW8260	56-23-5	Carbon Tetrachloride	0.30	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659121	M-214-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	2.3		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	M-265-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	0.015		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	M-268-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	0.022		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	M-268-20200512	05/12/20	E314.0	14797-73-0	Perchlorate	430	Fl	5.0	10	ug/l	J-	m	MS/MSD %R	79,-	80-120 %
4402659121	M-67-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	5.1		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	M-67-20200512-FD11	05/12/20	E200.7	7440-47-3	Chromium (total)	5.3		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	M-68-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	1.9		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	M-74-20200512	05/12/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.54	J	0.50	2.0	ug/l	J	sp	<PQL		
4402659121	M-81A-20200512	05/12/20	SW8260	75-27-4	Bromodichloromethane	0.42	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659121	M-81A-20200512	05/12/20	SW8260	79-01-6	Trichloroethene	0.31	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659121	MC-53-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	0.0066		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	MC-53-20200512	05/12/20	SW8260	106-46-7	1,4-Dichlorobenzene	0.41	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659121	MC-53-20200512	05/12/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.7	J	0.50	2.0	ug/l	J	sp	<PQL		
4402659121	MC-53-20200512	05/12/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0036	J	0.0025	0.0050	ug/l	J	sp	<PQL		
4402659121	MC-53-20200512-FD12	05/12/20	E200.7	7440-47-3	Chromium (total)	0.0073		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	MC-53-20200512-FD12	05/12/20	SW8260	100-42-5	Styrene		UF1	0.25	0.50	ug/l	R	m	MS/MSD %R	0, 0	29-150 %
4402659121	MC-53-20200512-FD12	05/12/20	SW8260	106-46-7	1,4-Dichlorobenzene	0.37	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659121	MC-53-20200512-FD12	05/12/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0041	J	0.0025	0.0050	ug/l	J	sp	<PQL		
4402659121	MC-53-20200512-FD12	05/12/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.9	J	0.50	2.0	ug/l	J	sp	<PQL		
4402659121	MC-93-20200512	05/12/20	E314.0	14797-73-0	Perchlorate	12000		250	500	ug/l	J-	m	MS/MSD %R	79,-	80-120 %
4402659121	MC-93-20200512	05/12/20	SW8260	79-01-6	Trichloroethene	0.38	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659121	MC-93-20200512	05/12/20	SW8260	100-42-5	Styrene		UF1	0.25	0.50	ug/l	UJ	m	MS/MSD %R	9, 10	29-150 %
4402659121	MC-93-20200512	05/12/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.2	J	0.50	2.0	ug/l	J	sp	<PQL		
4402659121	TR-1-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	0.022		0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659121	TR-3-20200512	05/12/20	E200.7	7440-47-3	Chromium (total)	0.61	Fl	0.0025	0.0050	mg/l	J+	m	MS/MSD %R	153, 210	70-130 %
4402659501	I-G-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	81		2.8	5.5	mg/l	J-	m	MS/MSD %R	73,-	80-120 %
4402659501	I-H-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	79		1.1	2.2	mg/l	J-	m	MS/MSD %R	73,-	80-120 %
4402659501	I-O-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	58		1.1	2.2	mg/l	J-	m	MS/MSD %R	73,-	80-120 %
4402659501	I-P-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	81		1.1	2.2	mg/l	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	Qualification Finding	Acceptance Criteria
4402659501	I-Q-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	61	F1	2.8	5.5	mg/l	J-	m	MS/MSD %R	73,-	80-120 %
4402659501	I-T-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	77		2.8	5.5	mg/l	J-	m	MS/MSD %R	73,-	80-120 %
4402659501	I-U-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	90		2.8	5.5	mg/l	J-	m	MS/MSD %R	73,-	80-120 %
4402659501	I-W-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	63		1.1	2.2	mg/l	J-	m	MS/MSD %R	73,-	80-120 %
4402659531	M-80-20200513	05/13/20	SW8260	541-73-1	1,3-Dichlorobenzene	0.34	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659531	M-80-20200513	05/13/20	SW8260	95-50-1	1,2-Dichlorobenzene	0.36	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659531	M-80-20200513	05/13/20	SW8260	106-46-7	1,4-Dichlorobenzene	0.35	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659531	M-80-20200513-FD4	05/13/20	SW8260	75-27-4	Bromodichloromethane	0.44	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659531	M-80-20200513-FD4	05/13/20	SW8260	541-73-1	1,3-Dichlorobenzene	0.30	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659531	M-80-20200513-FD4	05/13/20	SW8260	637-92-3	Ethyl tert-butyl ether		UF1	0.25	0.50	ug/l	UJ	m	MS/MSD %R	-, 69	70-130 %
4402659531	M-80-20200513-FD4	05/13/20	SW8260	100-42-5	Styrene		UF2F1	0.25	0.50	ug/l	UJ	m	MS/MSD %R	14, 9	29-150 %
4402659531	M-80-20200513-FD4	05/13/20	SW8260	95-50-1	1,2-Dichlorobenzene	0.36	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659531	M-80-20200513-FD4	05/13/20	SW8260	106-46-7	1,4-Dichlorobenzene	0.33	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659601	I-AC-20200513	05/13/20	E314.0	14797-73-0	Perchlorate	190	^	5.0	10	mg/l	J-	m	MS/MSD %R	79,-	80-120 %
4402659601	I-I-20200513	05/13/20	E314.0	14797-73-0	Perchlorate	620	^	5.0	10	mg/l	J-	m	MS/MSD %R	79,-	80-120 %
4402659601	I-J-20200513	05/13/20	E314.0	14797-73-0	Perchlorate	210	^	5.0	10	mg/l	J-	m	MS/MSD %R	79,-	80-120 %
4402659601	I-K-20200513	05/13/20	E314.0	14797-73-0	Perchlorate	210	^	5.0	10	mg/l	J-	m	MS/MSD %R	79,-	80-120 %
4402659601	I-V-20200513	05/13/20	E314.0	14797-73-0	Perchlorate	600	^	5.0	10	mg/l	J-	m	MS/MSD %R	79,-	80-120 %
4402659601	I-Z-20200513	05/13/20	E314.0	14797-73-0	Perchlorate	310	^	5.0	10	mg/l	J-	m	MS/MSD %R	79,-	80-120 %
4402659811	DFW-03-20200513	05/13/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.16	F1	0.0025	0.0050	ug/l	J+	m	MS/MSD %R	-,138	55-135 %
4402659811	DFW-04-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	35	F1	1.1	2.2	mg/l	J-	m	MS/MSD %R	73,69	80-120 %
4402659811	DFW-04-20200513	05/13/20	SW8260	56-23-5	Carbon Tetrachloride	0.34	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	DFW-05-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	9.1		0.55	1.1	mg/l	J-	m	MS/MSD %R	73,69	80-120 %
4402659811	DFW-05-20200513	05/13/20	SW8260	127-18-4	Tetrachloroethene	0.36	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	DFW-05-20200513	05/13/20	SW8260	75-35-4	1,1-Dichloroethene	0.40	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	DFW-05-20200513	05/13/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.6	J	0.50	2.0	ug/l	J	sp	<PQL		
4402659811	M-115-20200513	05/13/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.62	J	0.50	2.0	ug/l	J+	s,s,sp	Surrogate %R; <PQL	121	80-120 %
4402659811	M-115-20200513	05/13/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.29		0.0025	0.0050	ug/l	J+	s	Surrogate %R	121	80-120 %
4402659811	M-123-20200513	05/13/20	SW8260	541-73-1	1,3-Dichlorobenzene	49	J	25	50	ug/l	J	sp	<PQL		
4402659811	M-125-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	5.5		2.8	5.5	mg/l	J-	m	MS/MSD %R	73,69	80-120 %
4402659811	M-125-20200513	05/13/20	SW8260	75-01-4	Vinyl Chloride	120	J	100	200	ug/l	J	sp	<PQL		
4402659811	M-125-20200513-FD14	05/13/20	E300	14797-55-8_N	Nitrate as N	6.2		2.8	5.5	mg/l	J-	m	MS/MSD %R	73,69	80-120 %
4402659811	M-126-20200513	05/13/20	SW8260	541-73-1	1,3-Dichlorobenzene	39	J	25	50	ug/l	J	sp	<PQL		
4402659811	M-135-20200513	05/13/20	E314.0	14797-73-0	Perchlorate	24000	^	500	1000	ug/l	J-	m	MS/MSD %R	79,-	80-120 %
4402659811	M-135-20200513	05/13/20	SW8260	127-18-4	Tetrachloroethene	0.65	J	0.50	1.0	ug/l	J	sp	<PQL		
4402659811	M-136-20200513	05/13/20	E314.0	14797-73-0	Perchlorate	45000	^	500	1000	ug/l	J-	m	MS/MSD %R	79,-	80-120 %
4402659811	M-136-20200513	05/13/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0028	J	0.0025	0.0050	ug/l	J	sp	<PQL		
4402659811	M-160-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	5.0		0.55	1.1	mg/l	J-	m	MS/MSD %R	73,69	80-120 %
4402659811	M-160-20200513	05/13/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.062	J	0.050	0.10	ug/l	J	sp	<PQL		
4402659811	M-19-20200513	05/13/20	SW8260	127-18-4	Tetrachloroethene	0.46	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	M-2A-20200513	05/13/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.89	J	0.50	2.0	ug/l	J	sp	<PQL		
4402659811	M-69-20200513	05/13/20	SW8260	75-35-4	1,1-Dichloroethene	0.34	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	M-69-20200513	05/13/20	SW8260	127-18-4	Tetrachloroethene	0.49	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	M-69-20200513	05/13/20	SW8260	56-23-5	Carbon Tetrachloride	0.31	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	M-69-20200513	05/13/20	SW8260	541-73-1	1,3-Dichlorobenzene	0.33	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	M-69-20200513	05/13/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.42		0.0025	0.0050	ug/l	J+	s	Surrogate %R	125	80-120 %
4402659811	M-75-20200513	05/13/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.2	J	0.50	2.0	ug/l	J+	s,s,sp	Surrogate %R; <PQL	121	80-120 %
4402659811	M-75-20200513	05/13/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.11		0.0025	0.0050	ug/l	J+	s	Surrogate %R	121	80-120 %
4402659811	M-76-20200513	05/13/20	SW8260	56-23-5	Carbon Tetrachloride	0.29	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	M-76-20200513	05/13/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.98	J	0.50	2.0	ug/l	J	sp	<PQL		
4402659811	M-79-20200513	05/13/20	SW8260	79-01-6	Trichloroethene	0.26	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	M-79-20200513	05/13/20	SW8260	127-18-4	Tetrachloroethene	0.46	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	M-79-20200513	05/13/20	SW8260	541-73-1	1,3-Dichlorobenzene	0.34	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	M-79-20200513	05/13/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.30		0.0025	0.0050	ug/l	J+	s	Surrogate %R	122	80-120 %
4402659811	M-83-20200513	05/13/20	SW8260	541-73-1	1,3-Dichlorobenzene	0.41	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	M-83-20200513	05/13/20	SW8260	95-50-1	1,2-Dichlorobenzene	0.47	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	M-83-20200513	05/13/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.038		0.0025	0.0050	ug/l	J+	s	Surrogate %R	124	80-120 %
4402659811	UFMW-01D-20200513	05/13/20	E300	14797-55-8_N	Nitrate as N	35		0.55	1.1	mg/l	J-	m	MS/MSD %R	73,69	80-120 %
4402659811	UFMW-01D-20200513	05/13/20	SW8260	108-90-7	Chlorobenzene	0.27	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	UFMW-01D-20200513	05/13/20	SW8260	79-01-6	Trichloroethene	0.40	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	UFMW-01D-20200513	05/13/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.74	J	0.50	2.0	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	Qualification Finding	Acceptance Criteria
4402659811	UFMW-02D-20200513	05/13/20	SW8260	108-90-7	Chlorobenzene	0.48	J	0.25	0.50	ug/l	J	sp	<PQL		
4402659811	UFMW-02D-20200513	05/13/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.69	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660191	I-C-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	3.0		0.13	0.50	mg/l	J-	m	MS/MSD %R	64,64	90-110 %
4402660191	I-C-20200514	05/14/20	E300	14797-55-8_N	Nitrate as N	51	F1	1.1	2.2	mg/l	J+	m	MS/MSD %R	123, 124	80-120 %
4402660191	I-D-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	4.5		0.13	0.50	mg/l	J-	m	MS/MSD %R	64,64	90-110 %
4402660191	I-D-20200514	05/14/20	E300	14797-55-8_N	Nitrate as N	56		1.1	2.2	mg/l	J+	m	MS/MSD %R	123, 124	80-120 %
4402660191	I-E-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	4.9		0.13	0.50	mg/l	J-	m	MS/MSD %R	64,64	90-110 %
4402660191	I-E-20200514	05/14/20	E300	14797-55-8_N	Nitrate as N	35		1.1	2.2	mg/l	J+	m	MS/MSD %R	123, 124	80-120 %
4402660191	I-F-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	9.5		0.13	0.50	mg/l	J-	m	MS/MSD %R	64,64	90-110 %
4402660191	I-F-20200514	05/14/20	E300	14797-55-8_N	Nitrate as N	46		1.1	2.2	mg/l	J+	m	MS/MSD %R	123, 124	80-120 %
4402660191	I-M-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	4.7		0.13	0.50	mg/l	J-	m	MS/MSD %R	64,64	90-110 %
4402660191	I-M-20200514	05/14/20	E300	14797-55-8_N	Nitrate as N	36		1.1	2.2	mg/l	J+	m	MS/MSD %R	123, 124	80-120 %
4402660191	I-N-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	5.1		0.13	0.50	mg/l	J-	m	MS/MSD %R	64,64	90-110 %
4402660191	I-N-20200514	05/14/20	E300	14797-55-8_N	Nitrate as N	140		1.1	2.2	mg/l	J+	m	MS/MSD %R	123, 124	80-120 %
4402660191	I-X-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	5.9		0.13	0.50	mg/l	J-	m	MS/MSD %R	64,64	90-110 %
4402660191	I-X-20200514	05/14/20	E300	14797-55-8_N	Nitrate as N	160		1.1	2.2	mg/l	J+	m	MS/MSD %R	123, 124	80-120 %
4402660201	M-37-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	790		13	50	ug/l	J+	m	MS/MSD %R	-,112	90-110 %
4402660201	M-37-20200514	05/14/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.1	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660201	M-38-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	12000		130	500	ug/l	J+	m	MS/MSD %R	-,112	90-110 %
4402660201	M-38-20200514	05/14/20	SW8260	127-18-4	Tetrachloroethene	0.28	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660201	M-38-20200514	05/14/20	SW8260	56-23-5	Carbon Tetrachloride	0.41	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660201	M-38-20200514	05/14/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.87	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660211	I-AA-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	0.057	F1	0.00050	0.0020	mg/l	J+	m	MS/MSD %R	-,112	90-110 %
4402660211	I-AB-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	0.036		0.00025	0.0010	mg/l	J+	m	MS/MSD %R	-,112	90-110 %
4402660211	I-AR-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	0.40		0.0050	0.020	mg/l	J+	m	MS/MSD %R	-,112	90-110 %
4402660211	I-B-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	0.24		0.0050	0.020	mg/l	J+	m	MS/MSD %R	-,112	90-110 %
4402660211	I-L-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	0.94		0.013	0.050	mg/l	J+	m	MS/MSD %R	-,112	90-110 %
4402660211	I-R-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	0.58		0.013	0.050	mg/l	J+	m	MS/MSD %R	-,112	90-110 %
4402660211	I-S-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	1.4		0.013	0.050	mg/l	J+	m	MS/MSD %R	-,112	90-110 %
4402660211	I-Y-20200514	05/14/20	E218.6	18540-29-9	Chromium VI	0.77		0.013	0.050	mg/l	J+	m	MS/MSD %R	-,112	90-110 %
4402660211	I-Y-20200514 - FD	05/14/20	E218.6	18540-29-9	Chromium VI	0.76		0.013	0.050	mg/l	J+	m	MS/MSD %R	-,112	90-110 %
4402660331	DFW-06-20200514	05/14/20	SW8260	79-01-6	Trichloroethene	0.25	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660331	M-141-20200514	05/14/20	SW8260	127-18-4	Tetrachloroethene	0.42	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660331	M-142-20200514	05/14/20	E300	14797-55-8_N	Nitrate as N	7.6	F1	0.28	0.55	mg/l	J+	m	MS/MSD %R	-,133	80-120 %
4402660331	M-145-20200514	05/14/20	E200.7	7440-47-3	Chromium (total)	0.0047	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402660331	M-145-20200514	05/14/20	SW8260	67-66-3	Chloroform	0.29	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660331	M-147-20200514	05/14/20	SW8260	127-18-4	Tetrachloroethene	0.45	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660331	M-148A-20200514	05/14/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.83	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660331	M-153-20200514	05/14/20	E300	14797-55-8_N	Nitrate as N	1.4		0.055	0.11	mg/l	J+	m	MS/MSD %R	-,133	80-120 %
4402660331	M-189-20200514	05/14/20	E300	14797-55-8_N	Nitrate as N	3.4		0.28	0.55	mg/l	J+	m	MS/MSD %R	-,133	80-120 %
4402660331	M-189-20200514	05/14/20	SW8260BSIM	96-18-4	1,2,3-Trichloropropane	0.0027	J	0.0025	0.0050	ug/l	J	sp	<PQL		
4402660331	M-190-20200514	05/14/20	SW8260	75-27-4	Bromodichloromethane	0.38	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660331	M-31A-20200514	05/14/20	E200.7	7440-47-3	Chromium (total)	0.0027	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402660331	M-31A-20200514	05/14/20	E300.1	14866-68-3	Chlorate	19	J	2.0	20	ug/l	J	sp	<PQL		
4402660331	M-32-20200514	05/14/20	E300.1	14866-68-3	Chlorate	16	J	2.0	20	ug/l	J	sp	<PQL		
4402660331	M-33-20200514	05/14/20	E300	14797-55-8_N	Nitrate as N	1.2		0.055	0.11	mg/l	J+	m	MS/MSD %R	-,133	80-120 %
4402660331	M-5A-20200514	05/14/20	E420.4	64743-03-9	Phenolics, Recoverable (total)	0.0076	J	0.0068	0.020	mg/l	J	sp	<PQL		
4402660331	M-5A-20200514	05/14/20	SW8260	71-43-2	Benzene	24	J	13	25	ug/l	J	sp	<PQL		
4402660331	M-5A-20200514	05/14/20	SW8260	107-06-2	1,2-Dichloroethane	22	J	13	25	ug/l	J	sp	<PQL		
4402660331	M-64-20200514	05/14/20	SW8260	79-01-6	Trichloroethene	1.8	J	1.3	2.5	ug/l	J	sp	<PQL		
4402660331	M-64-20200514	05/14/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.6	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660331	M-72-20200514	05/14/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.54	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660331	M-97-20200514	05/14/20	SW8260	75-34-3	1,1-Dichloroethane	0.49	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660331	M-97-20200514	05/14/20	SW8260BSIM	123-91-1	1,4-Dioxane	3.9	J	1.0	4.0	ug/l	J	sp	<PQL		
4402660331	UFMW-03D-20200514	05/14/20	SW8260	79-01-6	Trichloroethene	0.29	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660331	UFMW-03D-20200514	05/14/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.96	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660331	UFMW-04D-20200514	05/14/20	SW8260	56-23-5	Carbon Tetrachloride	0.26	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660331	UFMW-04D-20200514	05/14/20	SW8260	75-35-4	1,1-Dichloroethene	2.1		0.25	0.50	ug/l	J+	m	MS/MSD %R	132, 132	70-130 %
4402660331	UFMW-04D-20200514	05/14/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.2	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660331	UFMW-05D-20200514	05/14/20	SW8260	95-50-1	1,2-Dichlorobenzene	0.46	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660331	UFMW-05D-20200514	05/14/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.1	J	0.50	2.0	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	Qualification Finding	Acceptance Criteria
4402660331	UFMW-06D-20200514	05/14/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.3	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660761	M-11-20200515	05/15/20	SW8260	75-09-2	Methylene Chloride	0.92	J	0.88	2.0	ug/l	J	sp	<PQL		
4402660861	M-103-20200515	05/15/20	SW8260	67-66-3	Chloroform	0.36	J	0.25	0.50	ug/l	J	sp,bt	<PQL; TB Contamination	0.25	0.50 ug/L
4402660861	M-138-20200515-FB16	05/15/20	SW8260	67-66-3	Chloroform	0.37	J	0.25	0.50	ug/l	J	sp,bt	<PQL; TB Contamination	0.25	0.50 ug/L
4402660861	M-140-20200515	05/15/20	SW8260	106-46-7	1,4-Dichlorobenzene	0.42	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660861	M-140-20200515	05/15/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.58	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660861	M-186D-20200515	05/15/20	SW8260	67-66-3	Chloroform	0.32	J	0.25	0.50	ug/l	J	sp,bt	<PQL; TB Contamination	0.25	0.50 ug/L
4402660861	M-186D-20200515-TB18	05/15/20	SW8260	67-66-3	Chloroform	0.25	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660861	M-191-20200515	05/15/20	SW8260	127-18-4	Tetrachloroethene	0.34	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660861	M-191-20200515	05/15/20	SW8260	75-27-4	Bromodichloromethane	0.37	J	0.25	0.50	ug/l	J	sp	<PQL		
4402660861	M-65-20200515	05/15/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.65	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660861	M-66-20200515	05/15/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.57	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660861	M-70-20200515	05/15/20	SW8260	75-25-2	Bromoform	0.96	J	0.40	1.0	ug/l	J	sp	<PQL		
4402660861	M-70-20200515	05/15/20	SW8260BSIM	123-91-1	1,4-Dioxane	0.69	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660861	M-71-20200515	05/15/20	SW8260BSIM	123-91-1	1,4-Dioxane	1.3	J	0.50	2.0	ug/l	J	sp	<PQL		
4402660861	NERT3.58N1-20200515	05/15/20	E300.1	14866-68-3	Chlorate	28	J	10	100	ug/l	J	sp	<PQL		
4402660861	NERT4.64N1-20200515	05/15/20	E300.1	14866-68-3	Chlorate	42	J	10	100	ug/l	J	sp	<PQL		
4402660861	NERT4.65N1-20200515	05/15/20	E300.1	14866-68-3	Chlorate	19	J	10	100	ug/l	J	sp	<PQL		
4402661391	M-12A-20200518	05/18/20	SW8260	127-18-4	Tetrachloroethene	0.47	J	0.25	0.50	ug/l	J	sp	<PQL		
4402661391	M-12A-20200518-FB4	05/18/20	E200.7	7440-47-3	Chromium (total)	0.0047	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402661391	M-12A-20200518-FB4	05/18/20	SW8260	75-09-2	Methylene Chloride	1.1	J	0.88	2.0	ug/l	J	sp	<PQL		
4402661611	M-120-20200518-EB15	05/18/20	SW8260	67-66-3	Chloroform	0.35	J	0.25	0.50	ug/l	J	sp	<PQL		
4402661611	M-129-20200518	05/18/20	E300.1	14866-68-3	Chlorate	320000		10000	100000	ug/l	J+	s	Surrogate %R	117	90-115 %
4402661611	M-129-20200518	05/18/20	SW8260	56-23-5	Carbon Tetrachloride	0.35	J	0.25	0.50	ug/l	J	sp	<PQL		
4402661611	M-129-20200518	05/18/20	SW8260	95-50-1	1,2-Dichlorobenzene	0.25	J	0.25	0.50	ug/l	J	sp	<PQL		
4402661611	M-137-20200518	05/18/20	E300.1	14866-68-3	Chlorate	4500		100	1000	ug/l	J-	m	MS/MSD %R	62.56	75-125 %
4402661611	M-137-20200518	05/18/20	SW8260	75-27-4	Bromodichloromethane	0.34	J	0.25	0.50	ug/l	J	sp	<PQL		
4402661611	M-137-20200518-EB16	05/18/20	E300.1	14866-68-3	Chlorate	3.4	J	2.0	20	ug/l	J	sp	<PQL		
4402661611	M-52-20200518	05/18/20	E300.1	14866-68-3	Chlorate	500000		10000	100000	ug/l	J-	m	MS/MSD %R	62.56	75-125 %
4402661611	M-92-20200518	05/18/20	E300.1	14866-68-3	Chlorate	13000		100	1000	ug/l	J-	m	MS/MSD %R	62.56	75-125 %
4402661611	M-92-20200518	05/18/20	SW8260	75-35-4	1,1-Dichloroethene	0.49	J	0.25	0.50	ug/l	J	sp	<PQL		
4402661611	NERT3.60N1-20200518	05/18/20	E300.1	14866-68-3	Chlorate	760	F1	10	100	ug/l	J-	m	MS/MSD %R	62.56	75-125 %
4402661611	NERT4.71N1-20200518	05/18/20	E300.1	14866-68-3	Chlorate		U	2.0	20	ug/l	UJ	m	MS/MSD %R	62.56	75-125 %
4402661611	TR-7-20200518	05/18/20	E300.1	14866-68-3	Chlorate	13	J	2.0	20	ug/l	J	sp	<PQL		
4402661611	TR-8-20200518	05/18/20	E300.1	14866-68-3	Chlorate	1100		100	1000	ug/l	J-	m	MS/MSD %R	62.56	75-125 %
4402662411	ES-21A-20200519	05/19/20	E314.0	14797-73-0	Perchlorate	2500		50	100	ug/l	J+	m	MS/MSD %R	124, 123	80-120 %
4402662411	ES-21B-20200519	05/19/20	E314.0	14797-73-0	Perchlorate	2000		50	100	ug/l	J+	m	MS/MSD %R	124, 123	80-120 %
4402662411	ES-23A-20200519	05/19/20	E314.0	14797-73-0	Perchlorate	3100		50	100	ug/l	J+	m	MS/MSD %R	124, 123	80-120 %
4402662411	ES-23B-20200519	05/19/20	E314.0	14797-73-0	Perchlorate		UF1F2	0.50	1.0	ug/l	UJ	m,ld	MS/MSD %R; RPD	76, -, 19	80-120; 15 %
4402662411	ES-24-20200519	05/19/20	E314.0	14797-73-0	Perchlorate		U	2.5	5.0	ug/l	UJ	m,ld	MS/MSD %R; RPD	76, -, 19	80-120; 15 %
4402662411	ES-24-20200519-FD20	05/19/20	E314.0	14797-73-0	Perchlorate		U	2.5	5.0	ug/l	UJ	m,ld	MS/MSD %R; RPD	76, -, 19	80-120; 15 %
4402662411	ES-7-20200519	05/19/20	E314.0	14797-73-0	Perchlorate	3500		50	100	ug/l	J+	m	MS/MSD %R	124, 123	80-120 %
4402662411	LVWPS-MW201A-20200519	05/19/20	E314.0	14797-73-0	Perchlorate	1800		50	100	ug/l	J+	m	MS/MSD %R	124, 123	80-120 %
4402662411	LVWPS-MW201B-20200519	05/19/20	E314.0	14797-73-0	Perchlorate	650		5.0	10	ug/l	J+	m	MS/MSD %R	124, 123	80-120 %
4402662411	NERT3.35S1-20200519	05/19/20	E314.0	14797-73-0	Perchlorate		U	2.5	5.0	ug/l	UJ	m,ld	MS/MSD %R; RPD	76, -, 19	80-120; 15 %
4402662411	NERT3.40S1-20200519	05/19/20	E314.0	14797-73-0	Perchlorate		U	2.5	5.0	ug/l	UJ	m,ld	MS/MSD %R; RPD	76, -, 19	80-120; 15 %
4402662411	NERT4.38N1-20200519	05/19/20	E200.7	7440-47-3	Chromium (total)	0.0036	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402662411	PC-198-20200519	05/19/20	E314.0	14797-73-0	Perchlorate	99	F1	2.5	5.0	ug/l	J+	m	MS/MSD %R	124, 123	80-120 %
4402662411	PC-199-20200519	05/19/20	E314.0	14797-73-0	Perchlorate		U	2.5	5.0	ug/l	UJ	m,ld	MS/MSD %R; RPD	76, -, 19	80-120; 15 %
4402663241	NERT3.80S1-20200520	05/20/20	E200.7	7440-47-3	Chromium (total)	0.0033	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402663241	NERT3.98S1-20200520	05/20/20	E314.0	14797-73-0	Perchlorate		U	0.50	1.0	ug/l	UJ	m,ld	MS/MSD %R; RPD	76, -, 19	80-120; 15 %
4402663911	PC-195-20200521	05/21/20	E200.7	7440-47-3	Chromium (total)	0.0029	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402663911	PC-195-20200521	05/21/20	E314.0	14797-73-0	Perchlorate		U	0.50	1.0	ug/l	UJ	m,ld	MS/MSD %R; RPD	76, -, 19	80-120; 15 %
4402663911	PC-197-20200521	05/21/20	E314.0	14797-73-0	Perchlorate		U	0.50	1.0	ug/l	UJ	m,ld	MS/MSD %R; RPD	76, -, 19	80-120; 15 %
4402664291	DBMW-11-20200522	05/22/20	E314.0	14797-73-0	Perchlorate	11000		100	200	ug/l	J+	m	MS/MSD %R	136, 126	80-120 %
4402664291	DBMW-18-20200522	05/22/20	E314.0	14797-73-0	Perchlorate	7.4		0.50	1.0	ug/l	J+	m	MS/MSD %R	153, 168	80-120 %
4402664291	DBMW-18-20200522-FD21	05/22/20	E314.0	14797-73-0	Perchlorate	7.0		0.50	1.0	ug/l	J+	m	MS/MSD %R	153, 168	80-120 %
4402664291	ES-11-20200521	05/21/20	E300.1	14866-68-3	Chlorate	61000		1000	10000	ug/l	J	fd	FD RPD	125	30 %
4402664291	ES-11-20200521-FD22	05/21/20	E300.1	14866-68-3	Chlorate	14000		200	2000	ug/l	J	fd	FD RPD	125	30 %
4402664291	ES-16-20200522	05/22/20	E300.1	14866-68-3	Chlorate	170	J	100	1000	ug/l	J	sp	<PQL		
4402664291	ES-19-20200522	05/22/20	E300.1	14866-68-3	Chlorate	91	J	10	100	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	Qualification Finding	Acceptance Criteria
4402664291	ES-25A-20200522	05/22/20	E314.0	14797-73-0	Perchlorate	79		2.5	5.0	ug/l	J+	m	MS/MSD %R	136, 126	80-120 %
4402664291	ES-27-20200521	05/21/20	E300.1	14866-68-3	Chlorate	64	J	10	100	ug/l	J	sp	<PQL		
4402664291	ES-50-20200521	05/21/20	E300.1	14866-68-3	Chlorate	17	J	10	100	ug/l	J	sp	<PQL		
4402664291	ES-51-20200521	05/21/20	E300.1	14866-68-3	Chlorate	67	J	10	100	ug/l	J	sp	<PQL		
4402664291	ES-51-20200521	05/21/20	E314.0	14797-73-0	Perchlorate	34	F1	0.50	1.0	ug/l	J+	m	MS/MSD %R	125, 131	80-120 %
4402664291	ES-52-20200521	05/21/20	E314.0	14797-73-0	Perchlorate	160		2.5	5.0	ug/l	J+	m	MS/MSD %R	125, 131	80-120 %
4402664291	ES-8A-20200521	05/21/20	E314.0	14797-73-0	Perchlorate	12000		100	200	ug/l	J+	m	MS/MSD %R	125, 131	80-120 %
4402664291	ES-9-20200521	05/21/20	E300.1	14866-68-3	Chlorate	150	J	100	1000	ug/l	J	sp	<PQL		
4402664291	ES-9-20200521	05/21/20	E314.0	14797-73-0	Perchlorate	420	F1	5.0	10	ug/l	J+	m	MS/MSD %R	153, 168	80-120 %
4402664291	LVWPS-MW102B-20200521	05/21/20	E200.7	7440-47-3	Chromium (total)	0.025	J	0.025	0.050	mg/l	J	sp	<PQL		
4402664291	LVWPS-MW105-20200521-EB18	05/21/20	E300.1	14866-68-3	Chlorate	6.0	J	2.0	20	ug/l	J	sp	<PQL		
4402664291	LVWPS-MW105-20200521-EB18	05/21/20	E314.0	14797-73-0	Perchlorate	0.63	J	0.50	1.0	ug/l	J	sp	<PQL		
4402664291	LVWPS-MW224B-20200521	05/21/20	E314.0	14797-73-0	Perchlorate	190		2.5	5.0	ug/l	J+	m	MS/MSD %R	125, 131	80-120 %
4402664291	MW-20-20200521	05/21/20	E200.7	7440-47-3	Chromium (total)	0.0040	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402664291	MW-25-20200521	05/21/20	E300.1	14866-68-3	Chlorate	85	J	10	100	ug/l	J	sp	<PQL		
4402667721	ART-2/2A-20200602	06/02/20	E200.7	7440-47-3	Chromium (total)	0.0048	J	0.0025	0.0050	mg/l	J	sp	<PQL		
4402667721	ART-2/2A-20200602	06/02/20	E218.6	18540-29-9	Chromium VI	0.0049	F1	0.00025	0.0010	mg/l	J+	m	MS/MSD %R	-, 112	90-110 %
4402667721	ART-3A-20200602	06/02/20	E218.6	18540-29-9	Chromium VI	0.36		0.0050	0.020	mg/l	J+	m	MS/MSD %R	-, 112	90-110 %
4402667721	ART-3A-20200602	06/02/20	E314.0	14797-73-0	Perchlorate	210		2.5	5.0	mg/l	J+	m	MS/MSD %R	125, 131	80-120 %
4402667721	ART-4-20200602	06/02/20	E218.6	18540-29-9	Chromium VI	0.19		0.0025	0.010	mg/l	J+	m	MS/MSD %R	113, 111	90-110 %
4402667721	ART-4-20200602	06/02/20	E314.0	14797-73-0	Perchlorate	140		2.5	5.0	mg/l	J+	m	MS/MSD %R	125, 131	80-120 %
4402667721	ART-4-20200602-FD	06/02/20	E218.6	18540-29-9	Chromium VI	0.19		0.0025	0.010	mg/l	J+	m	MS/MSD %R	113, 111	90-110 %
4402667721	ART-4-20200602-FD	06/02/20	E314.0	14797-73-0	Perchlorate	140		2.5	5.0	mg/l	J+	m	MS/MSD %R	125, 131	80-120 %
4402667721	ART-7B-20200602	06/02/20	E218.6	18540-29-9	Chromium VI	0.58		0.0050	0.020	mg/l	J+	m	MS/MSD %R	113, 111	90-110 %
4402667721	ART-8A-20200602	06/02/20	E218.6	18540-29-9	Chromium VI	0.084	F1	0.0013	0.0050	mg/l	J+	m	MS/MSD %R	113, 111	90-110 %
4402667721	ART-9-20200602	06/02/20	E218.6	18540-29-9	Chromium VI	0.68		0.0050	0.020	mg/l	J+	m	MS/MSD %R	113, 111	90-110 %
4402667721	ART-9-20200602	06/02/20	E314.0	14797-73-0	Perchlorate	180		2.5	5.0	mg/l	J+	m	MS/MSD %R	125, 131	80-120 %
4402667721	PC-150-20200602	06/02/20	E218.6	18540-29-9	Chromium VI	0.058		0.0013	0.0050	mg/l	J+	m	MS/MSD %R	113, 111	90-110 %
4402667731	PC-120-20200602	06/02/20	E300	14797-55-8_N	Nitrate as N	0.092	J	0.055	0.11	mg/l	J	sp	<PQL		
4402667731	PC-99R2/R3-20200602	06/02/20	E218.6	18540-29-9	Chromium VI	0.00043	J	0.00025	0.0010	mg/l	J	sp	<PQL		
4402667731	PC-99R2/R3-20200602	06/02/20	E314.0	14797-73-0	Perchlorate	16		0.25	0.50	mg/l	J+	m	MS/MSD %R	153, 168	80-120 %
4402669811	I-AB-20200604	06/04/20	E218.6	18540-29-9	Chromium VI	0.00029	J	0.00025	0.0010	mg/l	J	sp	<PQL		
4402669851	E1-1-20200604	06/04/20	E300	14797-55-8_N	Nitrate as N	39		0.55	1.1	mg/l	J+	m	MS/MSD %R	122, 124	80-120 %
4402669851	E1-2-20200604	06/04/20	E300	14797-55-8_N	Nitrate as N	110		1.1	2.2	mg/l	J+	m	MS/MSD %R	122, 124	80-120 %
4402669851	E1-3-20200604	06/04/20	E300	14797-55-8_N	Nitrate as N	92		5.5	11	mg/l	J+	m	MS/MSD %R	122, 124	80-120 %
4402669851	E2-1-20200604	06/04/20	E300	14797-55-8_N	Nitrate as N	13		0.28	0.55	mg/l	J+	m	MS/MSD %R	122, 124	80-120 %
4402669851	E2-2-20200604	06/04/20	E300	14797-55-8_N	Nitrate as N	20		0.55	1.1	mg/l	J+	m	MS/MSD %R	122, 124	80-120 %
4402669851	E2-3-20200604	06/04/20	E300	14797-55-8_N	Nitrate as N	53		0.55	1.1	mg/l	J+	m	MS/MSD %R	122, 124	80-120 %
4402669851	E2-4-20200604	06/04/20	E300	14797-55-8_N	Nitrate as N	84		0.55	1.1	mg/l	J+	m	MS/MSD %R	122, 124	80-120 %
4402669851	E2-5-20200604	06/04/20	E300	14797-55-8_N	Nitrate as N	86	F1	1.1	2.2	mg/l	J+	m	MS/MSD %R	122, 124	80-120 %
4402669851	E2-5-20200604-FD	06/04/20	E300	14797-55-8_N	Nitrate as N	83		5.5	11	mg/l	J+	m	MS/MSD %R	122, 124	80-120 %
4402671521	I-C-20200609	06/09/20	E300	14797-55-8_N	Nitrate as N	52		1.1	2.2	mg/l	J+	m	MS/MSD %R	122, 122	80-120 %
4402671521	I-D-20200609	06/09/20	E300	14797-55-8_N	Nitrate as N	55		1.1	2.2	mg/l	J+	m	MS/MSD %R	122, 122	80-120 %
4402671521	I-M-20200609	06/09/20	E300	14797-55-8_N	Nitrate as N	35	F1	1.1	2.2	mg/l	J+	m	MS/MSD %R	122, 122	80-120 %
4402672131	LVW6.6-2-2.8-20200609	06/09/20	E314.0	14797-73-0	Perchlorate	2.4	J	0.95	4.0	ug/l	J	sp	<PQL		
4402672131	LVW6.6-3-0.7-20200609	06/09/20	E314.0	14797-73-0	Perchlorate	3.6	J	0.95	4.0	ug/l	J	sp	<PQL		
4402672131	LVW7.2-1.1-20200609	06/09/20	E314.0	14797-73-0	Perchlorate	2.3	J	0.95	4.0	ug/l	J	sp	<PQL		
4402672131	LVW7.2-1.1-20200609-FD	06/09/20	E314.0	14797-73-0	Perchlorate	2.6	J	0.95	4.0	ug/l	J	sp	<PQL		
4402672131	LVW8.85-0.4-20200609	06/09/20	E314.0	14797-73-0	Perchlorate	1.6	J	0.95	4.0	ug/l	J	sp	<PQL		

ATTACHMENT A

VOC Data Validation Report

**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. Laboratory Blanks

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

III. Field Blanks

Samples PC-97-20200504-TB1 (from SDG 440-265515-1), PC-157B-20200505-TB3 (from SDG 440-265578-1), PC-94-20200505-TB2 (from SDG 440-265581-1), PC-60-20200506-TB4 (from SDG 440-265655-1), PC-136-20200506-TB5 (from SDG 440-265656-10), ART-6-20200507-TB6, PC-131-20200507-TB7 (both from SDG 440-265726-1), PC-71-20200508-TB8, PC-21A-20200508-TB9 (both from SDG 440-265784-1), M-220-20200511-TB10, M-155-20200511-TB11 (both from SDG 440-265853-1), M-44-20200512-TB12 (from SDG 440-265896-1), M-268-20200512-TB14, M-214-20200512-TB13 (both from SDG 440-265912-1), M-80-20200513-TB15 (from SDG 440-265953-1), M-83-20200513-TB16, TR-2-20200513-TB17 (both from SDG 440-265981-1), M-148A-20200514-TB19 (from SDG 440-266033-1), M-186D-20200515-TB18 (from SDG 440-266086-1), M-12A-20200518-TB20 (from SDG 440-266139-1), M-52-20200518-TB21 (from SDG 440-266161-1), PC-199-20200519-TB22 (from SDG 440-266241-1), and PC-195-20200521-TB23 (from SDG 440-266391-1) were identified as trip blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Compound	Concentration	Associated Samples
440-265656-1	PC-136-20200506-TB5	05/06/20	Chloroform	0.29 ug/L	PC-137D-20200506 PC-145-20200506 ARP-7-20200506 ARP-7-20200506-EB6

SDG	Blank ID	Collection Date	Compound	Concentration	Associated Samples
440-266086-1	M-186D-20200515-TB18	05/15/20	Chloroform	0.25 ug/L	M-150-20200515 M-117-20200515 TR-6-20200515 TR-5-20200515 M-103-20200515 M-164-20200515 M-22A-20200515 PC-74-20200515 M-140-20200515 M-162-20200515 M-162-20200515-FD16 M-71-20200515 M-70-20200515 M-186D-20200515 M-144-20200515 M-191-20200515 M-192-20200515 M-138-20200515 M-138-20200515-FB16 M-65-20200515 M-66-20200515 M-66-20200515-FD15 TR-9-20200515 TR-10-20200515
440-266241-1	PC-199-20200519-TB22	05/19/20	Vinyl chloride	0.60 ug/L	PC-198-20200519 PC-199-20200519

Samples PC-156B-20200506-EB5 (from SDG 440-265645-1), PC-108-20200506-EB17 (from SDG 440-265655-1), ARP-7-20200506-EB6 (from SDG 440-265656-1), PC-124-20200507-EB8 (from SDG 440-265726-1), MC-MW37R2-20200508-EB7, PC-154-20200508-EB9 (both from SDG 440-265784-1), M-44-20200512-EB4 (from SDG 440-265896-1), M-205-20200512-EB10 (from SDG 440-265912-1), M-136-20200513-EB13, M-57A-20200513-EB14, TR-2-20200513-EB11 (all three from SDG 440-265981-1), UFMW-06D-20200514-EB12 (from SDG 440-266033-1), M-120-20200518-EB15, and M-137-20200518-EB16 (both from SDG 440-266161-1) were identified as equipment blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Compound	Concentration	Associated Samples
440-265645-1	PC-156B-20200506-EB5	05/06/20	Chloroform	0.58 ug/L	PC-156B-20200506
440-265655-1	PC-108-20200506-EB17	05/06/20	Chloroform	0.60 ug/L	PC-108-20200506
440-265656-1	ARP-7-20200506-EB6	05/06/20	Chloroform	0.91 ug/L	ARP-7-20200506
440-265726-1	PC-124-20200507-EB8	05/07/20	Chloroform	0.50 ug/L	PC-124-20200507
440-265784-1	MC-MW37R2-20200508-EB7	05/08/20	Chloroform	0.48 ug/L	MC-MW37R2-20200508
440-265784-1	PC-154-20200508-EB9	05/08/20	Chloroform	0.59 ug/L	PC-154-20200508

SDG	Blank ID	Collection Date	Compound	Concentration	Associated Samples
440-265896-1	M-44-20200512-EB4	05/12/20	Chloroform	0.63 ug/L	M-44-20200512
440-265912-1	M-205-20200512-EB10	05/12/20	Chloroform	0.62 ug/L	M-205-20200512
440-265981-1	M-136-20200513-EB13	05/13/20	Chloroform	0.55 ug/L	M-136-20200513
440-265981-1	M-57A-20200513-EB14	05/13/20	Chloroform	0.62 ug/L	M-57A-20200513
440-265981-1	TR-2-20200513-EB11	05/13/20	Chloroform	0.60 ug/L	TR-2-20200513
440-266033-1	UFMW-06D-20200514-EB12	05/14/20	Chloroform	0.57 ug/L	UFMW-06D-20200514
440-266161-1	M-120-20200518-EB15	05/18/20	Chloroform	0.35 ug/L	M-120-20200518
440-266161-1	M-137-20200518-EB16	05/18/20	Chloroform	0.60 ug/L	M-137-20200518

Samples PC-157A-20200505-FB5 (from SDG 440-265578-1), PC-82-20200505-FB17 (from SDG 440-265580-1), PC-55-20200506-FB7 (from SDG 440-265653-1), PC-103-20200506-FB6 (from SDG 440-265655-1), PC-142-20200507-FB8 (from SDG 440-265726-1), PC-72-20200508-FB9 (from SDG 440-265784-1), M-262-20200511-FB14 (from SDG 440-265853-1), M-268-20200512-FB10, M-161D-20200512-FB13, M-132-20200512-FB11 (all three from SDG 440-265912-1), M-153-20200514-FB12, DFW-06-20200514-FB15 (both from SDG 440-266033-1), M-138-20200515-FB16 (from SDG 440-266086-1), and M-12A-20200518-FB4 (from SDG 440-266139-1) were identified as field blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Compound	Concentration	Associated Samples
440-265578-1	PC-157A-20200505-FB5	05/05/20	Chloroform	0.62 ug/L	PC-157A-20200505
440-265580-1	PC-82-20200505-FB17	05/05/20	Chloroform	0.65 ug/L	PC-82-20200505
440-265653-1	PC-55-20200506-FB7	05/06/20	Chloroform	0.64 ug/L	PC-55-20200506
440-265655-1	PC-103-20200506-FB6	05/06/20	Chloroform	0.49 ug/L	PC-103-20200506
440-265726-1	PC-142-20200507-FB8	05/07/20	Chloroform	0.62 ug/L	PC-142-20200507
440-265784-1	PC-72-20200508-FB9	05/08/20	Chloroform	0.52 ug/L	PC-72-20200508
440-265853-1	M-262-20200511-FB14	05/11/20	Chloroform	0.53 ug/L	M-262-20200511
440-265912-1	M-268-20200512-FB10	05/12/20	Chloroform	0.61 ug/L	M-268-20200512

SDG	Blank ID	Collection Date	Compound	Concentration	Associated Samples
440-265912-1	M-161D-20200512-FB13	05/12/20	Chloroform	0.65 ug/L	M-161D-20200512
440-265912-1	M-132-20200512-FB11	05/12/20	Chloroform	0.65 ug/L	M-132-20200512
440-266033-1	DFW-06-20200514-FB15	05/14/20	Chloroform	0.67 ug/L	DFW-06-20200514
440-266086-1	M-138-20200515-FB16	05/15/20	Chloroform	0.37 ug/L	M-138-20200515
440-266139-1	M-12A-20200518-FB4	05/18/20	Methylene chloride	1.1 ug/L	M-12A-20200518

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
440-265653-1	PC-55-20200506	Chloroform	0.50 ug/L	0.50J+ ug/L
440-265726-1	PC-142-20200507	Chloroform	0.90 ug/L	0.90J+ ug/L
440-265784-1	PC-154-20200508	Chloroform	1.1 ug/L	1.1J+ ug/L
440-265912-1	M-205-20200512	Chloroform	1.0 ug/L	1.0J+ ug/L
440-266086-1	M-103-20200515	Chloroform	0.36 ug/L	0.36J ug/L
440-266086-1	M-186D-20200515	Chloroform	0.32 ug/L	0.32J ug/L
440-266086-1	M-138-20200515-FB16	Chloroform	0.37 ug/L	0.37J ug/L

IV. Surrogates

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

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 with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-265574-1	PC-155B-20200505MS/MSD (PC-155B-20200505)	2,2-Dichloropropane Chloroethane	139 (69-138) 132 (68-130)	- -	NA	-
440-265576-1	SWFTS-MW08C-20200505MS/MSD (SWFTS-MW08C-20200505)	Styrene	6 (29-150)	4 (29-150)	UJ (all non-detects)	A
440-265726-1	PC-130-20200507MS/MSD (PC-130-20200507)	Styrene	0 (29-150)	0 (29-150)	R (all non-detects)	A
440-265726-1	PC-64-20200507-FD9MS/MSD (PC-64-20200507-FD9)	Styrene	0 (29-150)	0 (29-150)	R (all non-detects)	A
440-265784-1	PC-40R-20200508MS/MSD (PC-40R-20200508)	1,1,2,2-Tetrachloroethane	133 (63-130)	-	NA	-
440-265784-1	PC-40R-20200508MS/MSD (PC-40R-20200508)	Styrene	0 (29-150)	0 (29-150)	R (all non-detects)	A
440-265853-1	MC-3-20200511MS/MSD (MC-3-20200511)	2,2-Dichloropropane Ethyl tert-butyl ether	165 (69-138) 134 (70-130)	141 (69-138) -	NA	-
440-265912-1	MC-93-20200512MS/MSD (MC-93-20200512)	Styrene	9 (29-150)	10 (29-150)	UJ (all non-detects)	A
440-265912-1	MC-53-20200512-FD12MS/MSD (MC-53-20200512-FD12)	Styrene	0 (29-150)	0 (29-150)	R (all non-detects)	A
440-265953-1	M-80-20200513-FD4MS/MSD (M-80-20200513-FD4)	Ethyl tert-butyl ether Styrene	- 14 (29-150)	69 (70-130) 9 (29-150)	UJ (all non-detects) UJ (all non-detects)	A
440-265953-1	M-80-20200513-FD4MS/MSD (M-80-20200513-FD4)	Dichlorodifluoromethane	153 (25-142)	150 (25-142)	NA	-
440-266033-1	UFMW-04D-20200514MS/MSD (UFMW-04D-20200514)	1,1-Dichloroethene	132 (70-130)	132 (70-130)	J+ (all detects)	A
440-266033-1	UFMW-04D-20200514MS/MSD (UFMW-04D-20200514)	Bromomethane Chloroethane Dichlorodifluoromethane Vinyl chloride	138 (62-131) 146 (68-130) 155 (25-142) 151 (50-137)	136 (62-131) 148 (68-130) 154 (25-142) 148 (50-137)	NA	-

For MC-MW37R2-20200508MS/MSD (from SDG 440-265784-1) and MC-3-20200511MS/MSD (from SDG 440-265853-1), no data were qualified for chlorobenzene percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

For M-80-20200513-FD4MS/MSD (from SDG 440-265953-1), M-115-20200513MS/MSD (from SDG 440-265981-1), and M-70-20200515MS/MSD (from SDG 440-266086-1), no data were qualified for chloroform percent recoveries (%R) outside

the QC limits since the parent sample results were greater than 4X the spike concentration.

Relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	RPD (Limits)	Flag	A or P
440-265784-1	H-56R-20200508MS/MSD (H-56R-20200508)	Dichlorodifluoromethane	40 (≤30)	NA	-
440-265953-1	M-80-20200513-FD4MS/MSD (M-80-20200513-FD4)	Styrene	42 (≤35)	NA	-

VI. Laboratory Control Samples/ Laboratory Control Samples Duplicate

Laboratory control samples (LCS) and Laboratory control samples duplicate (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	%R (Limits)	Flag	A or P
440-265513-1	LCS 440-607671/1002 (SWFTS-MW07A-20200504 PC-79-20200504)	1,1-Dichloroethene 2,2-Dichloropropane Chloroethane Dichlorodifluoromethane Vinyl chloride	136 (70-130) 151 (68-141) 141 (64-135) 155 (29-150) 145 (59-133)	NA	-
440-265515-1	LCS 440-607671/1002 (PC-97-20200504 PC-97-20200504-TB1 PC-155A-20200504)	1,1-Dichloroethene 2,2-Dichloropropane Chloroethane Dichlorodifluoromethane Vinyl chloride	136 (70-130) 151 (68-141) 141 (64-135) 155 (29-150) 145 (59-133)	NA	-
440-265518-1	LCS 440-607671/1002 (PC-58-20200504 PC-58-20200504-FD7 PC-86-20200504)	1,1-Dichloroethene 2,2-Dichloropropane Chloroethane Dichlorodifluoromethane Vinyl chloride	136 (70-130) 151 (68-141) 141 (64-135) 155 (29-150) 145 (59-133)	NA	-
440-265574-1	LCS 440-607830/1002 (PC-155B-20200505 PC-156A-20200505)	2,2-Dichloropropane Dichlorodifluoromethane Vinyl chloride	148 (68-141) 152 (29-150) 136 (59-133)	NA	-
440-265576-1	LCS 440-607830/1002 (SWFTS-MW08A-20200505 PC-110-20200505 MW-K5-20200505)	2,2-Dichloropropane Dichlorodifluoromethane Vinyl chloride	148 (68-141) 152 (29-150) 136 (59-133)	NA	-

SDG	LCS ID (Associated Samples)	Compound	%R (Limits)	Flag	A or P
440-265578-1	LCS 440-607830/1002 (PC-157A-20200505 PC-157A-20200505-FB5 PC-157B-20200505 PC-96-20200505 PC-137-20200505 PC-157B-20200505-TB3)	2,2-Dichloropropane Dichlorodifluoromethane Vinyl chloride	148 (68-141) 152 (29-150) 136 (59-133)	NA	-
440-265726-1	LCS 440-608316/1005 (PC-128-20200507 PC-151-20200507)	Dichlorodifluoromethane	153 (29-150)	NA	-
440-265784-1	LCS 440-608316/1005 (H-56R-20200508 MC-MW37R2-20200508 PC-159-20200508 PC-158-20200508 PC-154-20200508 PC-107-20200508 HMW-14-20200508 HMW-13-20200508 HMW-15-20200508 PC-188-20200508 PC-189-20200508 M-48A-20200508 PC-154-20200508-EB9)	Dichlorodifluoromethane	153 (29-150)	NA	-
440-265912-1	LCS 440-608850/1002 (MC-93-20200512)	Dichlorodifluoromethane	157 (29-150)	NA	-
440-265912-1	LCS 440-608855/1002 (M-268-20200512-TB14 M-268-20200512 M-268-20200512-FB10 M-214-20200512-TB13 M-214-20200512 M-68-20200512 M-181-20200512 M-182-20200512 M-165-20200512 M-67-20200512 M-67-20200512-FD11 TR-3-20200512 M-161D-20200512 M-161D-20200512-FB13 TR-1-20200512 MC-53-20200512)	1,1-Dichloroethene 2,2-Dichloropropane Dichlorodifluoromethane Vinyl chloride	133 (70-130) 145 (68-141) 157 (29-150) 139 (59-133)	NA	-
440-265953-1	LCS 440-609159/1002 (M-80-20200513-TB15 M-80-20200513 M-80-20200513-FD4)	1,1-Dichloroethene 2,2-Dichloropropane Bromomethane Chloroethane Chloromethane Dichlorodifluoromethane Vinyl chloride	139 (70-130) 151 (68-141) 141 (64-139) 147 (64-135) 153 (47-140) 192 (29-150) 162 (59-133)	NA	-
440-265981-1	LCS 440-609049/1005 (M-13-20200513 M-35-20200513)	Chloromethane Vinyl chloride	141 (47-140) 134 (59-133)	NA	-

SDG	LCS ID (Associated Samples)	Compound	%R (Limits)	Flag	A or P
440-266020-1	LCS 440-609049/1005 (M-37-20200514 M-38-20200514)	Chloromethane Vinyl chloride	141 (47-140) 134 (59-133)	NA	-
440-266033-1	LCS 440-609159/1002 (M-121-20200514 M-118-20200514 M-147-20200514 M-148A-20200514-TB19 M-148A-20200514 M-186-20200514 M-149-20200514 M-139-20200514 M-190-20200514 M-31A-20200514)	1,1-Dichloroethene	139 (70-130)	NA	-
440-266033-1	LCS 440-609159/1002 (M-93-20200514 M-97-20200514 M-121-20200514 M-118-20200514 M-147-20200514 M-148A-20200514-TB19 M-148A-20200514 M-186-20200514 M-149-20200514 M-139-20200514 M-190-20200514 M-31A-20200514)	2,2-Dichloropropane Bromomethane Chloroethane Chloromethane Dichlorodifluoromethane Vinyl chloride	151 (68-141) 141 (64-139) 147 (64-135) 153 (47-140) 192 (29-150) 162 (59-133)	NA	-
440-266033-1	LCS 440-609334/1002 (UFMW-06D-20200514-EB12 M-5A-20200514 M-16-20200514 M-72-20200514 M-64-20200514)	1,1-Dichloroethene	139 (70-130)	NA	-
440-266033-1	LCS 440-609334/1002 (UFMW-04D-20200514 UFMW-05D-20200514 UFMW-06D-20200514 UFMW-06D-20200514-EB12 M-5A-20200514 M-16-20200514 M-72-20200514 M-64-20200514)	2,2-Dichloropropane Chloroethane Chloromethane Dichlorodifluoromethane Vinyl chloride	142 (68-141) 150 (64-135) 144 (47-140) 161 (29-150) 155 (59-133)	NA	-
440-266086-1	LCS 440-609334/1002 (M-70-20200515 M-186D-20200515 M-186D-20200515-TB18 M-191-20200515 M-192-20200515)	1,1-Dichloroethene	139 (70-130)	NA	-
440-266086-1	LCS 440-609334/1002 (M-70-20200515 M-186D-20200515 M-186D-20200515-TB18 M-144-20200515 M-191-20200515 M-192-20200515)	2,2-Dichloropropane Chloroethane Chloromethane Dichlorodifluoromethane Vinyl chloride	142 (68-141) 150 (64-135) 144 (47-140) 161 (29-150) 155 (59-133)	NA	-

SDG	LCS ID (Associated Samples)	Compound	%R (Limits)	Flag	A or P
440-266139-1	LCS 440-609334/1002 (M-12A-20200518 M-12A-20200518-FB4 M-12A-20200518-TB20)	1,1-Dichloroethene 2,2-Dichloropropane Chloroethane Chloromethane Dichlorodifluoromethane Vinyl chloride	139 (70-130) 142 (68-141) 150 (64-135) 144 (47-140) 161 (29-150) 155 (59-133)	NA	-

Relative percent differences (RPD) were within QC limits.

VII. Field Duplicates

Samples PC-58-20200504 and PC-58-20200504-FD7 (both from SDG 440-265518-1), samples PC-94-20200505 and PC-94-20200505-FD6 (both from SDG 440-265581-1), samples ARP-3A-20200506 and ARP-3A-20200506-FD8 (both from SDG 440-265658-1), samples PC-28-20200507 and PC-28-20200507-FD5 (both from SDG 440-265726-1), samples PC-64-20200507-FD9 and PC-64-20200507 (both from SDG 440-265726-1), samples MC-7-20200511 and MC-7-20200511-FD17 (both from SDG 440-265853-1), samples M-67-20200512 and M-67-20200512-FD11 (both from SDG 440-265912-1), samples MC-53-20200512 and MC-53-20200512-FD12 (both from SDG 440-265912-1), samples M-152-20200512 and M-152-20200512-FD10 (both from SDG 440-265912-1), samples M-80-20200513 and M-80-20200513-FD4 (both from SDG 440-265953-1), samples M-209-20200513 and M-209-20200513-FD13 (both from SDG 440-265981-1), samples M-125-20200513 and M-125-20200513-FD14 (both from SDG 440-265981-1), samples M-162-20200515 and M-162-20200515-FD16 (both from SDG 440-266086-1), and samples M-66-20200515 and M-66-20200515-FD15 (both from SDG 440-266086-1) 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
		PC-58-20200504	PC-58-20200504-FD7			
440-265518-1	Chloroform	0.44	0.46	4 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		PC-94-20200505	PC-94-20200505-FD6			
440-265581-1	1,1-Dichloroethane	0.50U	0.32	200 (≤30)	NQ	-
	Chloroform	1.2	1.4	15 (≤30)	-	-
	Tetrachloroethene	0.50U	0.31	200 (≤30)	NQ	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		ARP-3A-20200506	ARP-3A-20200506-FD8			
440-265658-1	1,1-Dichloroethane	1.6	1.4	13 (≤30)	-	-
	1,2,3-Trichlorobenzene	0.71	0.65	9 (≤30)	-	-
	1,2,4-Trichlorobenzene	4.8	4.2	13 (≤30)	-	-
	1,2-Dichlorobenzene	0.50	0.48	4 (≤30)	-	-
	1,4-Dichlorobenzene	0.71	0.61	15 (≤30)	-	-
	Chloroform	0.92	0.98	6 (≤30)	-	-
	Trichloroethene	0.26	0.50U	200 (≤30)	NQ	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		PC-28-20200507	PC-28-20200507-FD5			
440-265726-1	Carbon tetrachloride	0.72	0.65	10 (≤30)	-	-
	Chloroform	34	33	3 (≤30)	-	-
	Tetrachloroethene	0.97	0.55	55 (≤30)	J (all detects)	A

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		PC-64-20200507-FD9	PC-64-20200507			
440-265726-1	1,2-Dichlorobenzene	1.2	1.1	9 (≤30)	-	-
	1,3-Dichlorobenzene	2.5	1.9	27 (≤30)	-	-
	1,4-Dichlorobenzene	0.97	0.80	19 (≤30)	-	-
	Chloroform	2.0	1.7	16 (≤30)	-	-
	Tetrachloroethene	2.1	1.4	40 (≤30)	J (all detects)	A
	Trichloroethene	0.58	0.68	16 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		MC-7-20200511	MC-7-20200511-FD17			
440-265853-1	1,2,3-Trichlorobenzene	16	14	13 (≤30)	-	-
	1,2,4-Trichlorobenzene	49	43	13 (≤30)	-	-
	1,2-Dichlorobenzene	120	110	9 (≤30)	-	-
	1,3-Dichlorobenzene	6.9	7.8	12 (≤30)	-	-
	1,4-Dichlorobenzene	180	160	12 (≤30)	-	-
	Benzene	6.4	6.0	6 (≤30)	-	-
	Chlorobenzene	890	890	0 (≤30)	-	-
	Trichloroethene	28	27	4 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-67-20200512	M-67-20200512-FD11			
440-265912-1	Chloroform	520	540	4 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		MC-53-20200512	MC-53-20200512-FD12			
440-265912-1	1,1-Dichloroethane	1.9	1.8	5 (≤30)	-	-
	1,4-Dichlorobenzene	0.41	0.37	10 (≤30)	-	-
	Chloroform	1.5	1.7	12 (≤30)	-	-
	Tetrachloroethene	1.8	1.8	0 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-80-20200513	M-80-20200513-FD4			
440-265953-1	1,2-Dichlorobenzene	0.36	0.36	0 (≤30)	-	-
	1,3-Dichlorobenzene	0.34	0.30	13 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-80-20200513	M-80-20200513-FD4			
440-265953-1	1,4-Dichlorobenzene	0.35	0.33	6 (≤30)	-	-
	Bromodichloromethane	0.54	0.44	20 (≤30)	-	-
	Bromoform	1.9	1.7	11 (≤30)	-	-
	Trichloroethene	0.83	0.68	20 (≤30)	-	-
	Chloroform	220	180	20 (≤30)	-	-
	Carbon tetrachloride	2.0	1.7	16 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-209-20200513	M-209-20200513-FD13			
440-265981-1	Carbon tetrachloride	6.0	6.4	6 (≤30)	-	-
	Chloroform	440	460	4 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-125-20200513	M-125-20200513-FD14			
440-265981-1	Benzene	4000	4200	5 (≤30)	-	-
	Chlorobenzene	20000	19000	5 (≤30)	-	-
	Chloroform	14000	14000	0 (≤30)	-	-
	Vinyl chloride	120	200U	200 (≤30)	NQ	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-66-20200515	M-66-20200515-FD15			
440-266086-1	Chloroform	840	850	1 (≤30)	-	-

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

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.

Due to MS/MSD %R, data were rejected in four samples.

Due to MS/MSD %R and field duplicate RPD, data were qualified as estimated in eight samples.

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

Due to equipment blank contamination, data were qualified as estimated in two samples.

Due to field blank contamination, data were qualified as estimated in two samples.

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Volatiles - Data Qualification Summary - SDGs 440-265513-1, 440-265515-1, 440-265518-1, 440-265574-1, 440-265576-1, 440-265578-1, 440-265579-1, 440-265580-1, 440-265581-1, 440-265645-1, 440-265650-1, 440-265653-1, 440-265655-1, 440-265656-1, 440-265658-1, 440-265726-1, 440-265784-1, 440-265853-1, 440-265896-1, 440-265912-1, 440-265953-1, 440-265981-1, 440-266020-1, 440-266033-1, 440-266076-1, 440-266086-1, 440-266138-1, 440-266139-1, 440-266161-1, 440-266241-1, 440-266391-1

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-265576-1	SWFTS-MW08C-20200505	Styrene	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265726-1	PC-130-20200507	Styrene	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265726-1	PC-64-20200507-FD9	Styrene	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265784-1	PC-40R-20200508	Styrene	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265912-1	MC-93-20200512	Styrene	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265912-1	MC-53-20200512-FD12	Styrene	R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265953-1	M-80-20200513-FD4	Ethyl tert-butyl ether Styrene	UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266033-1	UFMW-04D-20200514	1,1-Dichloroethene	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265726-1	PC-28-20200507 PC-28-20200507-FD5	Tetrachloroethene	J (all detects)	A	Field duplicates (RPD) (fd)
440-265726-1	PC-64-20200507-FD9 PC-64-20200507	Tetrachloroethene	J (all detects)	A	Field duplicates (RPD) (fd)

NERT GWM Performance Sampling, January - June 2020

Volatiles - Laboratory Blank Data Qualification Summary - SDGs 440-265513-1, 440-265515-1, 440-265518-1, 440-265574-1, 440-265576-1, 440-265578-1, 440-265579-1, 440-265580-1, 440-265581-1, 440-265645-1, 440-265650-1, 440-265653-1, 440-265655-1, 440-265656-1, 440-265658-1, 440-265726-1, 440-265784-1, 440-265853-1, 440-265896-1, 440-265912-1, 440-265953-1, 440-265981-1, 440-266020-1, 440-266033-1, 440-266076-1, 440-266086-1, 440-266138-1, 440-266139-1, 440-266161-1, 440-266241-1, 440-266391-1

No Sample Data Qualified in these SDGs

NERT GWM Performance Sampling, January - June 2020

Volatiles - Field Blank Data Qualification Summary - SDGs 440-265513-1, 440-265515-1, 440-265518-1, 440-265574-1, 440-265576-1, 440-265578-1, 440-265579-1, 440-265580-1, 440-265581-1, 440-265645-1, 440-265650-1, 440-265653-1, 440-265655-1, 440-265656-1, 440-265658-1, 440-265726-1, 440-265784-1, 440-265853-1, 440-265896-1, 440-265912-1, 440-265953-1, 440-265981-1, 440-266020-1, 440-266033-1, 440-266076-1, 440-266086-1, 440-266138-1, 440-266139-1, 440-266161-1, 440-266241-1, 440-266391-1

SDG	Sample	Analyte	Modified Final Concentration	A or P	Code
440-265653-1	PC-55-20200506	Chloroform	0.50J+ ug/L	A	bf
440-265726-1	PC-142-20200507	Chloroform	0.90J+ ug/L	A	bf
440-265784-1	PC-154-20200508	Chloroform	1.1J+ ug/L	A	be
440-265912-1	M-205-20200512	Chloroform	1.0J+ ug/L	A	be
440-266086-1	M-103-20200515	Chloroform	0.36J ug/L	A	bt
440-266086-1	M-186D-20200515	Chloroform	0.32J ug/L	A	bt
440-266086-1	M-138-20200515-FB16	Chloroform	0.37J ug/L	A	bt

ATTACHMENT B

VOC SIM Data Validation Report

Volatile Organic Compounds (VOCs) 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 PC-97-20200504-TB1 (from SDG 440-265515-1), PC-157B-20200505-TB3 (from SDG 440-265578-1), PC-94-20200505-TB2 (from SDG 440-265581-1), PC-60-20200506-TB4 (from SDG 440-265655-1), PC-136-20200506-TB5 (from SDG 440-265656-1), ART-6-20200507-TB6, PC-131-20200507-TB7 (both from SDG 440-265726-1), PC-71-20200508-TB8, PC-21A-20200508-TB9 (both from SDG 440-265784-1), M-220-20200511-TB10, M-155-20200511-TB11 (both from SDG 440-265853-1), M-44-20200512-TB12 (from SDG 440-265896-1), M-268-20200512-TB14, M-214-20200512-TB13 (both from SDG 440-265912-1), M-80-20200513-TB15 (from SDG 440-265953-1), M-83-20200513-TB16, TR-2-20200513-TB17 (both from SDG 440-265981-1), M-148A-20200514-TB19 (from SDG 440-266033-1), M-186D-20200515-TB18 (from SDG 440-266086-1), M-12A-20200518-TB20 (from SDG 440-266139-1), M-52-20200518-TB21 (from SDG 440-266161-1), PC-199-20200519-TB22 (from SDG 440-266241-1), and PC-195-20200521-TB23 (from SDG 440-266391-1) were identified as trip blanks. No contaminants were found.

Samples PC-156B-20200506-EB5 (from SDG 440-265645-1), PC-108-20200506-EB17 (from SDG 440-265655-1), ARP-7-20200506-EB6 (from SDG 440-265656-1), PC-124-20200507-EB8 (from SDG 440-265726-1), MC-MW37R2-20200508-EB7, PC-154-20200508-EB9 (both from SDG 440-265784-1), M-44-20200512-EB4 (from SDG 440-265896-1), M-205-20200512-EB10 (from SDG 440-265912-1), M-136-20200513-EB13, M-57A-20200513-EB14, TR-2-20200513-EB11 (all three from SDG 440-265981-1), UFMW-06D-20200514-EB12 (from SDG 440-266033-1), M-120-20200518-EB15, and M-137-20200518-EB16 (both from SDG 440-266161-1) were identified as equipment blanks. No contaminants were found.

Samples PC-157A-20200505-FB5 (from SDG 440-265578-1), PC-82-20200505-FB17 (from SDG 440-265580-1), PC-55-20200506-FB7 (from SDG 440-265653-1), PC-103-20200506-FB6 (from SDG 440-265655-1), PC-142-20200507-FB8 (from SDG 440-265726-1), PC-72-20200508-FB9 (from SDG 440-265784-1), M-262-20200511-FB14 (from SDG 440-265853-1), M-268-20200512-FB10, M-161D-20200512-FB13, M-132-20200512-FB11 (all three from SDG 440-265912-1), M-153-20200514-FB12, DFW-06-20200514-FB15 (both from SDG 440-266033-1), M-138-20200515-FB16 (from SDG

440-266086-1), and M-12A-20200518-FB4 (from SDG 440-266139-1) were identified as field blanks. 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
440-265981-1	M-69-20200513	Dibromofluoromethane	125 (80-120)	All compounds	J+ (all detects)	A
440-265981-1	M-79-20200513	Dibromofluoromethane	122 (80-120)	All compounds	J+ (all detects)	A
440-265981-1	M-83-20200513	Dibromofluoromethane	124 (80-120)	All compounds	J+ (all detects)	A
440-265981-1	M-75-20200513	Dibromofluoromethane	121 (80-120)	All compounds	J+ (all detects)	A
440-265981-1	M-115-20200513	Dibromofluoromethane	121 (80-120)	All compounds	J+ (all detects)	P
440-265981-1	TR-2-20200513	Dibromofluoromethane	123 (80-120)	All compounds	NA	-
440-265981-1	TR-2-20200513-TB17	Dibromofluoromethane	121 (80-120)	All compounds	NA	-
440-266086-1	PC-74-20200515	Dibromofluoromethane	125 (80-120)	All compounds	NA	-
440-266086-1	M-162-20200515	Dibromofluoromethane	123 (80-120)	All compounds	NA	-

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 with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-265981-1	DFW-03-20200513MS/MSD (DFW-03-20200513)	1,2,3-Trichloropropane	-	138 (55-135)	J+ (all detects)	A

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 PC-58-20200504 and PC-58-20200504-FD7 (both from SDG 440-265518-1), PC-94-20200505 and PC-94-20200505-FD6 (both from SDG 440-265581-1), samples ARP-3A-20200506 and ARP-3A-20200506-FD8 (both from SDG 440-265658-1), samples PC-28-20200507 and PC-28-20200507-FD5 (both from SDG 440-265726-1), samples PC-64-20200507-FD9 and PC-64-20200507 (both from SDG 440-265726-1), samples MC-7-20200511 and MC-7-20200511-FD17 (both from SDG 440-265853-1), samples M-67-20200512 and M-67-20200512-FD11 (both from SDG 440-265912-1), samples MC-53-20200512 and MC-53-20200512-FD12 (both from SDG 440-265912-1), samples M-152-20200512 and M-152-20200512-FD10 (both from SDG 440-265912-1), samples M-80-20200513 and M-80-20200513-FD4 (both from SDG 440-265953-1), samples M-209-20200513 and M-209-20200513-FD13 (both from SDG 440-265981-1), samples M-125-20200513 and M-125-20200513-FD14 (both from SDG 440-265981-1), samples M-162-20200515 and M-162-20200515-FD16 (both from SDG 440-266086-1), and samples M-66-20200515 and M-66-20200515-FD15 (both from SDG 440-266086-1) 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
		PC-94-20200505	PC-94-20200505-FD6			
440-265581-1	1,2,3-Trichloropropane	0.014	0.0093	40 (≤30)	J (all detects)	A
	1,4-Dioxane	0.99	0.52	62 (≤30)	NQ	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		PC-28-20200507	PC-28-20200507-FD5			
440-265726-1	1,2,3-Trichloropropane	0.069	0.059	16 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		PC-64-20200507-FD9	PC-64-20200507			
440-265726-1	1,2,3-Trichloropropane	0.11	0.096	14 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		MC-7-20200511	MC-7-20200511-FD17			
440-265853-1	1,2,3-Trichloropropane	0.050U	0.033	200 (≤30)	NQ	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-67-20200512	M-67-20200512-FD11			
440-265912-1	1,2,3-Trichloropropane	0.052	0.053	2 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		MC-53-20200512	MC-53-20200512-FD12			
440-265912-1	1,2,3-Trichloropropane	0.0036	0.0041	13 (≤30)	-	-
	1,4-Dioxane	1.7	1.9	11 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-80-20200513	M-80-20200513-FD4			
440-265953-1	1,2,3-Trichloropropane	0.082	0.076	8 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-209-20200513	M-209-20200513-FD13			
440-265981-1	1,2,3-Trichloropropane	0.10	0.097	3 (≤30)	-	-

SDG	Compound	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		M-66-20200515	M-66-20200515-FD15			
440-266086-1	1,2,3-Trichloropropane	0.098	0.099	1 (≤30)	-	-
	1,4-Dioxane	0.57	2.0U	200 (≤30)	NQ	-

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

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.

Due to surrogate %R, MS/MSD %R, and field duplicate RPD, data were qualified as estimated in eight samples.

No results were rejected in these SDGs.

NERT GWM Performance Sampling, January - June 2020

Volatiles SIM - Data Qualification Summary - SDGs 440-265513-1, 440-265515-1, 440-265518-1, 440-265574-1, 440-265576-1, 440-265578-1, 440-265579-1, 440-265580-1, 440-265581-1, 440-265645-1, 440-265650-1, 440-265653-1, 440-265655-1, 440-265656-1, 440-265658-1, 440-265726-1, 440-265784-1, 440-265853-1, 440-265896-1, 440-265912-1, 440-265953-1, 440-265981-1, 440-266020-1, 440-266033-1, 440-266076-1, 440-266086-1, 440-266138-1, 440-266139-1, 440-266161-1, 440-266241-1, 440-266391-1

SDG	Sample	Compound	Flag	A or P	Reason (Code)
440-265981-1	M-69-20200513 M-79-20200513 M-83-20200513 M-75-20200513	All compounds	J+ (all detects)	A	Surrogates (%R) (s)
440-265981-1	M-115-20200513	All compounds	J+ (all detects)	P	Surrogates (%R) (s)
440-265981-1	DFW-03-20200513	1,2,3-Trichloropropane	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265581-1	PC-94-20200505 PC-94-20200505-FD6	1,2,3-Trichloropropane	J (all detects)	A	Field duplicates (RPD) (fd)

NERT GWM Performance Sampling, January - June 2020

Volatiles SIM - Laboratory Blank Data Qualification Summary - SDGs 440-265513-1, 440-265515-1, 440-265518-1, 440-265574-1, 440-265576-1, 440-265578-1, 440-265579-1, 440-265580-1, 440-265581-1, 440-265645-1, 440-265650-1, 440-265653-1, 440-265655-1, 440-265656-1, 440-265658-1, 440-265726-1, 440-265784-1, 440-265853-1, 440-265896-1, 440-265912-1, 440-265953-1, 440-265981-1, 440-266020-1, 440-266033-1, 440-266076-1, 440-266086-1, 440-266138-1, 440-266139-1, 440-266161-1, 440-266241-1, 440-266391-1

No Sample Data Qualified in these SDGs

NERT GWM Performance Sampling, January - June 2020

Volatiles SIM - Field Blank Data Qualification Summary - SDGs 440-265513-1, 440-265515-1, 440-265518-1, 440-265574-1, 440-265576-1, 440-265578-1, 440-265579-1, 440-265580-1, 440-265581-1, 440-265645-1, 440-265650-1, 440-265653-1, 440-265655-1, 440-265656-1, 440-265658-1, 440-265726-1, 440-265784-1, 440-265853-1, 440-265896-1, 440-265912-1, 440-265953-1, 440-265981-1, 440-266020-1, 440-266033-1, 440-266076-1, 440-266086-1, 440-266138-1, 440-266139-1, 440-266161-1, 440-266241-1, 440-266391-1

No Sample Data Qualified in these SDGs

ATTACHMENT C

Metals Data Validation Report

Arsenic, Boron, Chromium, Iron, Manganese, Selenium, and Sodium by Environmental Protection Agency (EPA) Method 200.7

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

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 with the following exceptions:

SDG	Blank ID	Analyte	Maximum Concentration	Associated Samples
440-258617-1	PB (prep blank)	Chromium	0.00440 mg/L	E1-1 20200107 E1-2 20200107 E1-3 20200107 E2-1 20200107 E2-2 20200107 E2-3 20200107 E2-4 20200107 E2-5 20200107 E2-3 20200107-FD E2-4 20200107-EB
440-263887-1	PB (prep blank)	Chromium	0.00430 mg/L	PC-99R2/R3 20200401 PC-115R 20200401 PC-118 20200401 PC-120 20200401
440-263887-1	PB (prep blank)	Chromium	0.00380 mg/L	PC-116R 20200401 PC-119 20200401 PC-121 20200401 PC-117 20200401 PC-133 20200401 PC-116R 20200401-FD PC-117 20200401-EB
440-263888-1	PB (prep blank)	Chromium	0.00430 mg/L	ART-1 20200401 ART-3 20200401 ART-4 20200401 ART-7 20200401 ART-8 20200401 ART-9 20200401 PC-150 20200401 PC-150 20200401-FD
440-263888-1	PB (prep blank)	Chromium	0.00380 mg/L	ART-2 20200401 ART-1 20200401-EB

SDG	Blank ID	Analyte	Maximum Concentration	Associated Samples
440-263947-1	PB (prep blank)	Chromium	0.00690 mg/L	I-F 20200402 I-X 20200402 I-N 20200402 I-E 20200402 I-M 20200402 I-D 20200402 I-C 20200402
440-263963-1	PB (prep blank)	Chromium	0.00690 mg/L	I-O 20200402 I-W 20200402 I-P 20200402 I-H 20200402 I-U 20200402 I-T 20200402
440-263963-1	PB (prep blank)	Chromium	0.00760 mg/L	I-G 20200402 I-Q 20200402 I-W 20200402-FD
440-263964-1	PB (prep blank)	Chromium	0.00760 mg/L	I-AD 20200402 I-AC 20200402 I-K 20200402 I-J 20200402 I-Z 20200402 I-I 20200402 I-V 20200402
440-263966-1	PB (prep blank)	Chromium	0.00760 mg/L	I-B 20200402 I-R 20200402 I-Y 20200402 I-L 20200402 I-S 20200402
440-263966-1	PB (prep blank)	Chromium	0.00610 mg/L	I-AR 20200402

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
440-263887-1	PC-99R2/R3 20200401	Chromium	0.0045 mg/L	0.0045J mg/L
440-263887-1	PC-115R 20200401	Chromium	0.0033 mg/L	0.0033J mg/L
440-263887-1	PC-118 20200401	Chromium	0.0045 mg/L	0.0045J mg/L
440-263887-1	PC-120 20200401	Chromium	0.0049 mg/L	0.0049J mg/L
440-263887-1	PC-116R 20200401-FD	Chromium	0.0044 mg/L	0.0044J mg/L

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
440-263888-1	ART-2 20200401	Chromium	0.0038 mg/L	0.0038J mg/L

III. Field Blanks

Samples ART-4 20200106-EB (from SDG 440-258526-1), PC-120 20200107-EB (from SDG 440-258616-1), E2-4 20200107-EB (from SDG 440-258617-1), I-AR 20200109-EB (from SDG 440-258822-1), M-12A-20200204-EB4 (from SDG 440-260226-1), PC-133 20200206-EB (from SDG 440-260419-1), ART-7B 20200210-EB (from SDG 440-260626-1), E1-1 20200211-EB (from SDG 440-260722-1), I-T 20200213-EB (from SDG 440-260948-1), E1-3 20200303-EB (from SDG 440-261993-1), PC-115R-20200304-EB (from SDG 440-262099-1), ART-9 20200305-EB (from SDG 440-262188-1), I-V 20200309-EB (from SDG 440-262401-1), PC-117 20200401-EB (from SDG 440-263887-1), ART-1 20200401-EB (from SDG 440-263888-1), I-X 20200402-EB (from SDG 440-263947-1), E2-2 20200407-EB (from SDG 440-264268-1), E2-4 20200505-EB (from SDG 440-265537-1), PC-119 20200506-EB (from SDG 440-265640-1), PC-156B-20200506-EB5 (from SDG 440-265645-1), ARP-7-20200506-EB6 (from SDG 440-265656-1), PC-124-20200507-EB8 (from SDG 440-265726-1), MC-MW37R2-20200508-EB7, PC-154-20200508-EB9 (both from SDG 440-265784-1), ART-3A 20200511-EB (from SDG 440-265827-1), M-44-20200512-EB4 (from SDG 440-265896-1), M-205-20200512-EB10 (from SDG 440-265912-1), I-Z 20200513-EB (from SDG 440-265960-1), M-136-20200513-EB13, M-57A-20200513-EB14, TR-2-20200513-EB11 (all three from SDG 440-265981-1), UFMW-06D-20200514-EB12 (from SDG 440-266033-1), M-120-20200518-EB15, M-137-20200518-EB16 (both from SDG 440-266161-1), ES-52-20200521-EB20, MW-02-20200521-EB19, LVWPS-MW105-20200521-EB18 (all three from SDG), ART-7B 20200602-EB (from SDG 440-266772-1), PC-121 20200602-EB (from SDG 440-266773-1), I-AB 20200604-EB (from SDG 440-266981-1), and E1-1 20200604-EB (from SDG 440-266985-1) were identified as equipment blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Analyte	Concentration	Associated Samples
440-260626-1	ART-7B 20200210-EB	02/10/20	Chromium	0.0034 mg/L	ART-7B 20200210

Samples M-44-20200204-FB4 (from SDG 440-260225-1), PC-157A-20200505-FB5 (from SDG 440-265578-1), PC-55-20200506-FB7 (from SDG 440-265653-1), PC-103-20200506-FB6 (from SDG 440-265655-1), PC-142-20200507-FB8 (from SDG 440-265726-1), PC-72-20200508-FB9 (from SDG 440-265784-1), M-262-20200511-FB14 (from SDG 440-265853-1), M-268-20200512-FB10, M-161D-20200512-FB13, M-132-20200512-FB11 (all three from SDG 440-265912-1), M-153-20200514-FB12 and DFW-06-20200514-FB15 (both from SDG 440-266033-1), M-138-20200515-FB16 (from SDG 440-266086-1), M-12A-20200518-FB4 (from SDG 440-266139-1), NERT4.93S1-20200520-FB19, NERT5.49S1-20200520-FB18 (both from SDG 440-266324-1), and ES-25B-20200522-FB20 (from SDG 440-266429-1) were identified as field blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Analyte	Concentration	Associated Samples
440-266139-1	M-12A-20200518-FB4	05/18/20	Chromium	0.0047 mg/L	M-12A-20200518

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.

IV. 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
440-265912-1	TR-3-20200512MS/MSD (M-268-20200512 M-214-20200512 M-68-20200512 M-181-20200512 M-182-20200512 M-165-20200512 M-67-20200512 M-67-20200512-FD11 TR-3-20200512 M-161D-20200512 TR-1-20200512 MC-53-20200512 MC-53-20200512-FD12 M-207-20200512 M-265-20200512 M-212-20200512)	Chromium	153 (70-130)	210 (70-130)	J+ (all detects)	A
440-265912-1	TR-3-20200512MS/MSD (M-266-20200512)	Chromium	153 (70-130)	210 (70-130)	NA	-

For M-10-20200204MS/MSD (from SDG 440-260227-1), no data were qualified for boron and iron percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

For I-X 20200109MS/MSD (from SDG 440-258824-1), I-O 20200113MS/MSD (from SDG 440-259000-1), I-X 20200212MS/MSD (from SDG 440-260825-1), I-V 20200213MS/MSD (from SDG 440-260949-1), ART-6 20200305MS/MSD (from SDG 440-262188-1), I-F 20200310MS/MSD (from SDG 440-262492-1), I-M 20200402MS/MSD (from SDG 440-263947-1), and I-G 20200402MS/MSD (from SDG 440-263963-1), no data were qualified for chromium percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

For TR-12-20200511MS/MSD, M-267-20200511MS/MSD (both from SDG 440-265853-1), and M-5A-20200514MS/MSD (from SDG 440-266033-1), no data were qualified for sodium percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

Relative percent differences (RPD) were within QC limits.

V. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in these SDGs, and therefore duplicate analyses were not performed for these SDGs.

VI. Serial Dilution

Serial dilution was not performed for these SDGs.

VII. Laboratory Control Samples

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

VIII. Field Duplicates

Samples ART-3A 20200106 and ART-3A 20200106-FD (both from SDG 440-258526-1), samples PC-119 20200107 and PC-119 20200107-FD (both from SDG 440-258616-1), samples E2-3 20200107 and E2-3 20200107-FD (both from SDG 440-258617-1), samples I-Q 20200113 and I-Q 20200113-FD (both from SDG 440-259000-1), samples M-11-20200204 and M-11-20200204-FD4 (both from SDG 440-260226-1), samples PC-121 20200206 and PC-121 20200206-FD (both from SDG 440-260419-1), samples ART-6 20200210-FD and ART-6 20200210 (both from SDG 440-260626-1), samples E2-5 20200211 and E2-5 20200211-FD (both from SDG 440-260722-1), samples I-S 20200212 and I-S 20200212-FD (both from SDG 440-260824-1), samples E1-2 20200303 and E1-2 20200303-FD (both from SDG 440-261993-1), samples PC-99R2/R3-20200304 and PC-99R2/R3-20200304-FD (both from SDG 440-262099-1), samples ART-8 20200305 and ART-8 20200305-FD (both from SDG 440-262188-1), samples I-U 20200311 and I-U 20200311-FD (both from SDG 440-262652-1), samples PC-116R 20200401 and PC-116R 20200401-FD (both from SDG 440-263887-1), samples PC-150 20200401 and PC-150 20200401-FD (both from SDG 440-263888-1), samples I-W 20200402 and I-W 20200402-FD (both from SDG 440-263963-1), samples E2-1 20200407 and E2-1 20200407-FD (both from SDG 440-264268-1), samples PC-58-20200504 and PC-58-20200504-FD7 (both from SDG 440-265518-1), samples E2-3 20200505 and E2-3 20200505-FD (both from SDG 440-265537-1), samples PC-94-20200505 and PC-94-20200505-FD6 (both from SDG 440-265581-1), samples PC-118 20200506 and PC-118 20200506-FD (both from SDG 440-265640-1), samples ARP-3A-20200506 and ARP-3A-20200506-FD8 (both from SDG 440-265658-1), samples PC-28-20200507 and PC-28-20200507-FD5 (both from SDG 440-265726-1), samples PC-64-20200507-FD9 and PC-64-20200507 (both from SDG 440-265726-1), samples ART-2/2A 20200511 and ART-2/2A 20200511-FD (both from SDG 440-

265827-1), samples M-67-20200512 and M-67-20200512-FD11 (both from SDG 440-265912-1), samples MC-53-20200512 and MC-53-20200512-FD12 (both from SDG 440-265912-1), samples M-152-20200512 and M-152-20200512-FD10 (both from SDG 440-265912-1), samples M-80-20200513 and M-80-20200513-FD4 (both from SDG 440-265953-1), samples M-209-20200513 and M-209-20200513-FD13 (both from SDG 440-265981-1), samples M-125-20200513 and M-125-20200513-FD14 (both from SDG 440-265981-1), samples I-Y 20200514 and I-Y 20200514-FD (both from SDG 440-266021-1), samples M-162-20200515 and M-162-20200515-FD16 (both from SDG 440-266086-1), samples M-66-20200515 and M-66-20200515-FD15 (both from SDG 440-266086-1), samples ES-24-20200519 and ES-24-20200519-FD20 (both from SDG 440-266241-1), samples NERT3.58S1-20200520 and NERT3.58S1-20200520-FD18 (both from SDG 440-266324-1), samples MW-13-20200521 and MW-13-20200521-FD19 (both from SDG 440-266429-1), samples ART-4 20200602 and ART-4 20200602-FD (both from SDG 440-266772-1), samples PC-120 20200602 and PC-120 20200602-FD (both from SDG 440-266773-1), samples I-AA 20200604 and I-AA 20200604-FD (both from SDG 440-266981-1), and samples E2-5 20200604 and E2-5 20200604-FD (both from SDG 440-266985-1) were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		ART-3A 20200106	ART-3A 20200106-FD			
440-258526-1	Chromium	0.33	0.32	3 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		E2-3 20200107	E2-3 20200107-FD			
440-258617-1	Chromium	0.028	0.027	4 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		I-Q 20200113	I-Q 20200113-FD			
440-259000-1	Chromium	16	16	0 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		M-11-20200204	M-11-20200204-FD4			
440-260226-1	Chromium	1.6	1.5	6 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		ART-6 20200210-FD	ART-6 20200210			
440-260626-1	Chromium	5.3	5.4	2 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		E2-5 20200211	E2-5 20200211-FD			
440-260722-1	Chromium	0.11	0.10	10 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		I-S 20200212	I-S 20200212-FD			
440-260824-1	Chromium	1.1	1.3	17 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		E1-2 20200303	E1-2 20200303-FD			
440-261993-1	Chromium	0.25	0.25	0 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		ART-8 20200305	ART-8 20200305-FD			
440-262188-1	Chromium	0.070	0.068	3 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		I-U 20200311	I-U 20200311-FD			
440-262652-1	Chromium	16	16	0 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		PC-116R 20200401	PC-116R 20200401-FD			
440-263887-1	Chromium	0.0051	0.0044	15 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		PC-150 20200401	PC-150 20200401-FD			
440-263888-1	Chromium	0.063	0.061	3 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		I-W 20200402	I-W 20200402-FD			
440-263963-1	Chromium	14	14	0 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		E2-1 20200407	E2-1 20200407-FD			
440-264268-1	Chromium	0.048	0.044	9 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		PC-58-20200504	PC-58-20200504-FD7			
440-265518-1	Chromium	0.015	0.015	0 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		E2-3 20200505	E2-3 20200505-FD			
440-265537-1	Chromium	0.041	0.041	0 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		ARP-3A-20200506	ARP-3A-20200506-FD8			
440-265658-1	Chromium	0.0048	0.0060	22 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		PC-28-20200507	PC-28-20200507-FD5			
440-265726-1	Chromium	0.35	0.32	9 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		PC-64-20200507-FD9	PC-64-20200507			
440-265726-1	Chromium	0.62	0.65	5 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		ART-2/2A 20200511	ART-2/2A 20200511-FD			
440-265827-1	Chromium	0.0049	0.0060	20 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		M-67-20200512	M-67-20200512-FD11			
440-265912-1	Chromium	5.1	5.3	4 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		MC-53-20200512	MC-53-20200512-FD12			
440-265912-1	Chromium	0.0066	0.0073	10 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		M-152-20200512	M-152-20200512-FD10			
440-265912-1	Chromium	0.032	0.031	3 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		M-80-20200513	M-80-20200513-FD4			
440-265953-1	Chromium	4.0	4.0	0 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		M-209-20200513	M-209-20200513-FD13			
440-265981-1	Chromium	0.69	0.72	4 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		I-Y 20200514	I-Y 20200514-FD			
440-266021-1	Chromium	0.74	0.78	5 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		M-162-20200515	M-162-20200515-FD16			
440-266086-1	Chromium	0.034	0.033	3 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		M-66-20200515	M-66-20200515-FD15			
440-266086-1	Chromium	14	14	0 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		NERT3.58S1-20200520	NERT3.58S1-20200520-FD18			
440-266324-1	Chromium	0.0057	0.0058	2 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		MW-13-20200521	MW-13-20200521-FD19			
440-266429-1	Chromium	0.023	0.024	4 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		ART-4 20200602	ART-4 20200602-FD			
440-266772-1	Chromium	0.16	0.17	6 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		I-AA 20200604	I-AA 20200604-FD			
440-266981-1	Chromium	0.056	0.068	19 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		E2-5 20200604	E2-5 20200604-FD			
440-266985-1	Chromium	0.14	0.14	0 (≤30)	-	-

IX. Sample Result Verification

Raw data were not reviewed for Stage 2A validation.

X. Overall Assessment of Data

The analysis was conducted within all specifications of the method.

Due to MS/MSD %R, data were qualified as estimated in seventeen samples.

Due to laboratory blank contamination, data were qualified as estimated in six samples.

No results were rejected in these SDGs.

NERT GWM Performance Sampling, January – June 2020

Metals - Data Qualification Summary - SDGs 440-258526-1, 440-258616-1, 440-258617-1, 440-258723-1, 440-258822-1, 440-258824-1, 440-259000-1, 440-259160-1, 440-260225-1, 440-260226-1, 440-260227-1, 440-260419-1, 440-260626-1, 440-260722-1, 440-260824-1, 440-260825-1, 440-260948-1, 440-260949-1, 440-261993-1, 440-262099-1, 440-262188-1, 440-262401-1, 440-262492-1, 440-262494-1, 440-262652-1, 440-263887-1, 440-263888-1, 440-263947-1, 440-263963-1, 440-263964-1, 440-263966-1, 440-264268-1, 440-265513-1, 440-265515-1, 440-265518-1, 440-265537-1, 440-265574-1, 440-265576-1, 440-265578-1, 440-265579-1, 440-265580-1, 440-265581-1, 440-265640-1, 440-265645-1, 440-265650-1, 440-265653-1, 440-265655-1, 440-265656-1, 440-265658-1, 440-265726-1, 440-265784-1, 440-265827-1, 440-265853-1, 440-265896-1, 440-265912-1, 440-265950-1, 440-265953-1, 440-265960-1, 440-265981-1, 440-266019-1, 440-266020-1, 440-266021-1, 440-266033-1, 440-266076-1, 440-266086-1, 440-266138-1, 440-266139-1, 440-266161-1, 440-266241-1, 440-266324-1, 440-266391-1, 440-266429-1, 440-266772-1, 440-266773-1, 440-266981-1, 440-266985-1, 440-267108-1, 440-267150-1, 440-267152-1

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-265912-1	M-268-20200512 M-214-20200512 M-68-20200512 M-181-20200512 M-182-20200512 M-165-20200512 M-67-20200512 M-67-20200512-FD11 TR-3-20200512 M-161D-20200512 TR-1-20200512 MC-53-20200512 MC-53-20200512-FD12 M-207-20200512 M-265-20200512 M-212-20200512	Chromium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

NERT GWM Performance Sampling, January – June 2020

Metals - Laboratory Blank Data Qualification Summary - SDGs 440-258526-1, 440-258616-1, 440-258617-1, 440-258723-1, 440-258822-1, 440-258824-1, 440-259000-1, 440-259160-1, 440-260225-1, 440-260226-1, 440-260227-1, 440-260419-1, 440-260626-1, 440-260722-1, 440-260824-1, 440-260825-1, 440-260948-1, 440-260949-1, 440-261993-1, 440-262099-1, 440-262188-1, 440-262401-1, 440-262492-1, 440-262494-1, 440-262652-1, 440-263887-1, 440-263888-1, 440-263947-1, 440-263963-1, 440-263964-1, 440-263966-1, 440-264268-1, 440-265513-1, 440-265515-1, 440-265518-1, 440-265537-1, 440-265574-1, 440-265576-1, 440-265578-1, 440-265579-1, 440-265580-1, 440-265581-1, 440-265640-1, 440-265645-1, 440-265650-1, 440-265653-1, 440-265655-1, 440-265656-1, 440-265658-1, 440-265726-1, 440-265784-1, 440-265827-1, 440-265853-1, 440-265896-1, 440-265912-1, 440-265950-1, 440-265953-1, 440-265960-1, 440-265981-1, 440-266019-1, 440-266020-1, 440-266021-1, 440-266033-1, 440-266076-1, 440-266086-1, 440-266138-1, 440-266139-1, 440-266161-1, 440-266241-1, 440-266324-1, 440-266391-1, 440-266429-1, 440-266772-1,

440-266773-1, 440-266981-1, 440-266985-1, 440-267108-1, 440-267150-1, 440-267152-1

SDG	Sample	Analyte	Modified Final Concentration	A or P	Code
440-263887-1	PC-99R2/R3 20200401	Chromium	0.0045J mg/L	A	bl
440-263887-1	PC-115R 20200401	Chromium	0.0033J mg/L	A	bl
440-263887-1	PC-118 20200401	Chromium	0.0045J mg/L	A	bl
440-263887-1	PC-120 20200401	Chromium	0.0049J mg/L	A	bl
440-263887-1	PC-116R 20200401-FD	Chromium	0.0044J mg/L	A	bl
440-263888-1	ART-2 20200401	Chromium	0.0038J mg/L	A	bl

NERT GWM Performance Sampling, January – June 2020

Metals - Field Blank Data Qualification Summary – SDGs 440-258526-1, 440-258616-1, 440-258617-1, 440-258723-1, 440-258822-1, 440-258824-1, 440-259000-1, 440-259160-1, 440-260225-1, 440-260226-1, 440-260227-1, 440-260419-1, 440-260626-1, 440-260722-1, 440-260824-1, 440-260825-1, 440-260948-1, 440-260949-1, 440-261993-1, 440-262099-1, 440-262188-1, 440-262401-1, 440-262492-1, 440-262494-1, 440-262652-1, 440-263887-1, 440-263888-1, 440-263947-1, 440-263963-1, 440-263964-1, 440-263966-1, 440-264268-1, 440-265513-1, 440-265515-1, 440-265518-1, 440-265537-1, 440-265574-1, 440-265576-1, 440-265578-1, 440-265579-1, 440-265580-1, 440-265581-1, 440-265640-1, 440-265645-1, 440-265650-1, 440-265653-1, 440-265655-1, 440-265656-1, 440-265658-1, 440-265726-1, 440-265784-1, 440-265827-1, 440-265853-1, 440-265896-1, 440-265912-1, 440-265950-1, 440-265953-1, 440-265960-1, 440-265981-1, 440-266019-1, 440-266020-1, 440-266021-1, 440-266033-1, 440-266076-1, 440-266086-1, 440-266138-1, 440-266139-1, 440-266161-1, 440-266241-1, 440-266324-1, 440-266391-1, 440-266429-1, 440-266772-1, 440-266773-1, 440-266981-1, 440-266985-1, 440-267108-1, 440-267150-1, 440-267152-1

No Sample Data Qualified in these SDGs

ATTACHMENT D

Wet Chemistry Data Validation Report

Ammonia as Nitrogen by Environmental Protection Agency (EPA) Method 350.1
Chlorate by EPA Method 300.1B
Chloride, Nitrate as Nitrogen, Nitrite as Nitrogen, and Sulfate by EPA Method 300.0
Conductivity by Standard Method 2510B
Field pH
Hexavalent Chromium by EPA Method 218.6
Nitrate/Nitrite as Nitrogen by Calculation
Perchlorate by EPA Method 314.0
Total Recoverable Phenolics by EPA Method 420.4
Total Dissolved Solids by Standard Method 2540C
Total Inorganic Nitrogen by Calculation
Total Organic Carbon by Standard Method 5310C
Toxic Organic Halides by EPA SW 846 Method 9020B

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	Flag	A or P
440-264835-1	LVW4.75-1-0.8-20200414 LVW4.75-2-1.3-20200414	Total dissolved solids	9 days	7 days	J- (all detects)	P
440-265853-1	M-73-20200511RE	Nitrate as N	51.90 hours	48 hours	J- (all detects)	A

The laboratory indicated sample TR-7-20200518 (from SDG 440-266161-1) sterile container for perchlorate was received empty. The laboratory used non-sterile unpreserved poly-container for the analysis.

II. Laboratory Blanks

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

III. Field Blanks

Samples ART-4 20200106-EB (from SDG 440-258526-1), PC-120 20200107-EB (from SDG 440-258616-1), E2-4 20200107-EB (from SDG 440-258617-1), I-AR 20200109-EB (from SDG 440-258822-1), M-12A-20200204-EB4 (from SDG 440-260226-1), PC-133 20200206-EB (from SDG 440-260419-1), ART-7B 20200210-EB (from SDG 440-260626-1), E1-1 20200211-EB (from SDG 440-260722-1), I-T 20200213-EB (from SDG 440-260948-1), E1-3 20200303-EB (from SDG 440-261993-1), PC-115R-20200304-EB (from SDG 440-262099-1), ART-9 20200305-EB (from SDG 440-262188-1), I-V 20200309-EB (from SDG 440-262401-1), PC-117 20200401-EB (from SDG 440-

263887-1), ART-1 20200401-EB (from SDG 440-263888-1), I-X 20200402-EB (from SDG 440-263947-1), E2-2 20200407-EB (from SDG 440-264268-1), E2-4 20200505-EB (from SDG 440-265537-1), PC-119 20200506-EB (from SDG 440-265640-1), PC-156B-20200506-EB5 (from SDG 440-265645-1), PC-108-20200506-EB17 (from SDG 440-265655-1), ARP-7-20200506-EB6 (from SDG 440-265656-1), PC-124-20200507-EB8 (from SDG 440-265726-1), MC-MW37R2-20200508-EB7, PC-154-20200508-EB9 (both from SDG 440-265784-1), ART-3A 20200511-EB (from SDG 440-265827-1), M-44-20200512-EB4 (from SDG 440-265896-1), M-205-20200512-EB10 (from SDG 440-265912-1), I-Z 20200513-EB (from SDG 440-265960-1), M-136-20200513-EB13, M-57A-20200513-EB14, TR-2-20200513-EB11 (all three from SDG 440-265981-1), UFMW-06D-20200514-EB12 (from SDG 440-266033-1), M-120-20200518-EB15, M-137-20200518-EB16 (both from SDG 440-266161-1), MCF-06C-20200520-EB23 (from SDG 440-266336-1), DBMW-13-20200521-EB22, DBMW-14-20200521-EB21, ES-52-20200521-EB20, MW-02-20200521-EB19, LVWPS-MW105-20200521-EB18 (all five from SDG 440-266429-1), ART-7B 20200602-EB (from SDG 440-266772-1), PC-121 20200602-EB (from SDG 440-266773-1), I-AB 20200604-EB (from SDG 440-266981-1), and E1-1 20200604-EB (from SDG 440-266985-1) were identified as equipment blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Analyte	Concentration	Associated Samples
440-261993-1	E1-3 20200303-EB	03/03/20	Perchlorate	0.0020 mg/L	E1-3 20200303
440-265827-1	ART-3A 20200511-EB	05/11/20	Perchlorate	0.00083 mg/L	ART-3A 20200511
440-266033-1	UFMW-06D-20200514-EB12	05/14/20	Perchlorate	1.1 ug/L	UFMW-06D-20200514
440-266161-1	M-137-20200518-EB16	05/18/20	Chlorate	3.4 ug/L	M-137-20200518
440-266429-1	LVWPS-MW105-20200521-EB18	05/21/20	Chlorate Perchlorate	6.0 ug/L 0.63 ug/L	LVWPS-MW105-20200521

Samples LVW7.2-20200114-FB, LVW6.05-20200114-FB (both from SDG 440-259145-1), M-44-20200204-FB4 (from SDG 440-260225-1), LVW6.05-20200206-FB, LVW7.2-20200206-FB (both from SDG 440-260462-1), LVW6.05-20200306-FB, LVW8.85-20200306-FB (both from SDG 440-262336-1), LVW6.05-20200414-FB, LVW7.2-20200416-FB (both from SDG 440-264835-1), LVW6.05-20200501-FB, LVW0.55-20200501-FB (both from SDG 440-265410-1), PC-157A-20200505-FB5 (from SDG 440-265578-1), PC-82-20200505-FB17 (from SDG 440-265580-1), PC-55-20200506-FB7 (from SDG 440-265653-1), PC-103-20200506-FB6 (from SDG 440-265655-1), PC-142-20200507-FB8 (from SDG 440-265726-1), PC-72-20200508-FB9 (from SDG 440-265784-1), M-262-20200511-FB14 (from SDG 440-265853-1), M-268-20200512-FB10, M-161D-20200512-FB13, M-132-20200512-FB11 (all three from SDG 440-265912-1), M-153-20200514-FB12, DFW-06-20200514-FB15 (both from SDG 440-266033-1), M-138-20200515-FB16 (from SDG 440-266086-1), M-12A-20200518-FB4 (from SDG 440-266139-1), ES-4-20200519-FB23 (from SDG 440-266241-1), NERT4.93S1-20200520-FB19, NERT5.49S1-20200520-FB18 (both from SDG 440-266324-1), ES-19-20200522-

FB21, ES-25B-20200522-FB20, ES-9-20200521-FB22 (all three from SDG 440-266429-1), LVW6.05-20200609-FB, and LVW0.55-20200609-FB (both from SDG 440-267213-1) were identified as field blanks. No contaminants were found with the following exceptions:

SDG	Blank ID	Collection Date	Analyte	Concentration	Associated Samples
440-260225-1	M-44-20200204-FB4	02/04/20	Total dissolved solids	8.0 mg/L	M-44-20200204

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.

IV. Surrogates

Surrogates were added to all samples as required by 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
440-266161-1	M-129-20200518	Dichloroacetic acid	117 (90-115)	Chlorate	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 with the following exceptions:

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-258616-1	PC-120 20200107MS/MSD (PC-119 20200107 PC-117 20200107 PC-119 20200107-FD PC-133 20200107)	Nitrate as N	126 (80-120)	125 (80-120)	J+ (all detects)	A
440-258616-1	PC-120 20200107MS/MSD (PC-120 20200107 PC-121 20200107)	Nitrate as N	126 (80-120)	125 (80-120)	NA	-
440-258616-1	PC-133 20200107MS/MSD (PC-119 20200107 PC-117 20200107 PC-119 20200107-FD PC-133 20200107)	Nitrate as N	131 (80-120)	132 (80-120)	J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-258616-1	PC-133 20200107MS/MSD (PC-120 20200107 PC-121 20200107)	Nitrate as N	131 (80-120)	132 (80-120)	NA	-
440-258824-1	I-C 20200109MS/MSD (I-C 20200109)	Nitrate as N	129 (80-120)	123 (80-120)	J+ (all detects)	A
440-259145-1	LVW3.5-1-1.4-20200113MS/MSD (LVW3.5-1-1.4-20200113 LVW3.5-2-1.2-20200113 LVW3.5-3-1.8-20200113 LVW3.5-4-2.1-20200113 LVW3.5-5-2.0-20200113 LVW3.5-6-1.8-20200113 LVW4.2-1-1.4-20200113 LVW4.2-2-2.4-20200113 LVW4.2-3-2.5-20200113 LVW4.2-4-1.8-20200113 LVW4.75-1-1.0-20200113 LVW4.75-2-1.1-20200113 LVW4.75-3-0.8-20200113 LVW4.75-4-1.0-20200113 LVW4.75-5-0.8-20200113 LVW5.3-1-3.0-20200113 LVW5.3-2-0.5-20200113 LVW5.3-3-0.4-20200113)	Perchlorate	137 (80-120)	139 (80-120)	J+ (all detects)	A
440-260419-1	PC-121 20200206MS/MSD (PC-121 20200206 PC-117 20200206 PC-133 20200206 PC-121 20200206-FD)	Nitrate as N	124 (80-120)	-	J+ (all detects)	A
440-260948-1	I-G 20200213MS/MSD (I-G 20200213 I-Q 20200213)	Nitrate as N	122 (80-120)	123 (80-120)	J+ (all detects)	A
440-260948-1	I-H 20200213MS/MSD (I-H 20200213 I-U 20200213 I-T 20200213)	Nitrate as N	122 (80-120)	-	J+ (all detects)	A
440-260949-1	I-G 20200213MS/MSD (I-J 20200213 I-Z 20200213)	Nitrate as N	122 (80-120)	123 (80-120)	J+ (all detects)	A
440-262401-1	I-AD 20200309MS/MSD (I-AD 20200309 I-AC 20200309 I-K 20200309 I-J 20200309 I-Z 20200309 I-I 20200309)	Nitrate as N	124 (80-120)	-	J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-262492-1	I-F 20200310MS/MSD (I-F 20200310 I-X 20200310 I-N 20200310 I-E 20200310 I-M 20200310 I-D 20200310 I-C 20200310)	Nitrate as N	136 (80-120)	135 (80-120)	J+ (all detects)	A
440-262494-1	I-F 20200310MS/MSD (I-S 20200310 I-AR 20200310)	Nitrate as N	136 (80-120)	135 (80-120)	J+ (all detects)	A
440-263887-1	PC-121 20200401MS/MSD (PC-121 20200401)	Perchlorate	-	123 (80-120)	J+ (all detects)	A
440-263947-1	I-H 20200402MS/MSD (I-D 20200402 I-C 20200402)	Nitrate as N	150 (80-120)	145 (80-120)	J+ (all detects)	A
440-263963-1	I-H 20200402MS/MSD (I-H 20200402 I-U 20200402 I-T 20200402 I-G 20200402 I-Q 20200402 I-W 20200402-FD)	Nitrate as N	150 (80-120)	145 (80-120)	J+ (all detects)	A
440-263963-1	I-V 20200402MS/MSD (I-O 20200402 I-W 20200402 I-P 20200402)	Nitrate as N	68 (80-120)	67 (80-120)	J- (all detects)	A
440-263964-1	I-V 20200402MS/MSD (I-V 20200402)	Nitrate as N	68 (80-120)	67 (80-120)	J- (all detects)	A
440-263966-1	I-H 20200402MS/MSD (I-S 20200402 I-AR 20200402)	Nitrate as N	150 (80-120)	145 (80-120)	J+ (all detects)	A
440-263966-1	I-AA 20200402MS/MSD (I-AA 20200402 I-AB 20200402 I-B 20200402 I-R 20200402 I-Y 20200402 I-L 20200402)	Nitrate as N	-	121 (80-120)	J+ (all detects)	A
440-264268-1	E2-2 20200407MS/MSD (E2-2 20200407 E2-3 20200407 E2-4 20200407 E2-5 20200407)	Nitrate as N	449 (80-120)	450 (80-120)	J+ (all detects)	A
440-265578-1	PC-137D-20200506MS/MSD (PC-137-20200505)	Perchlorate	69 (80-120)	72 (80-120)	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-265579-1	PC-137D-20200506MS/MSD (PC-134D-20200505)	Perchlorate	69 (80-120)	72 (80-120)	UJ (all non-detects)	A
440-265656-1	ARP-3A-20200506MS/MSD (PC-137D-20200506 PC-145-20200506)	Nitrate as N	77 (80-120)	-	J- (all detects) UJ (all non-detects)	A
440-265656-1	PC-137D-20200506MS/MSD (PC-137D-20200506)	Perchlorate	69 (80-120)	72 (80-120)	UJ (all non-detects)	A
440-265658-1	ARP-3A-20200506MS/MSD (ARP-3A-20200506 ARP-3A-20200506-FD8 ARP-1-20200506 PC-18-20200506)	Nitrate as N	77 (80-120)	-	J- (all detects)	A
440-265726-1	PC-131-20200507MS/MSD (PC-66-20200507 PC-123-20200507 PC-28-20200507 PC-28-20200507-FD5 PC-67-20200507 PC-131-20200507 PC-128-20200507 PC-151-20200507)	Chlorate	73 (75-125)	-	J- (all detects) UJ (all non-detects)	A
440-265784-1	PC-107-20200508MS/MSD (PC-21A-20200508 PC-160-20200508 PC-159-20200508 PC-158-20200508 PC-154-20200508 PC-107-20200508)	Nitrate as N	176 (80-120)	178 (80-120)	J+ (all detects)	A
440-265784-1	PC-31-20200508MS/MSD (PC-136-20200508 PC-31-20200508)	Nitrate as N	-	122 (80-120)	J+ (all detects)	A
440-265784-1	PC-31-20200508MS/MSD (PC-40R-20200508)	Nitrate as N	-	122 (80-120)	NA	-
440-265827-1	ART-1A 20200511MS/MSD (ART-1A 20200511 ART-3A 20200511 ART-4 20200511 ART-7B 20200511 ART-9 20200511 PC-150 20200511)	Nitrate as N	142 (80-120)	140 (80-120)	J+ (all detects)	A
440-265853-1	M-267-20200511MS/MSD (M-267-20200511 M-73-20200511)	Nitrate as N	166 (80-120)	175 (80-120)	J+ (all detects)	A
440-265853-1	M-267-20200511MS/MSD (M-6A-20200511 H-28A-20200511)	Nitrate as N	166 (80-120)	175 (80-120)	NA	-

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-265912-1	M-268-20200512MS/MSD (M-268-20200512 M-182-20200512 MC-93-20200512)	Perchlorate	79 (80-120)	-	J- (all detects)	A
440-265950-1	I-Q 20200513MS/MSD (I-O 20200513 I-W 20200513 I-P 20200513 I-H 20200513 I-U 20200513 I-T 20200513 I-G 20200513 I-Q 20200513)	Nitrate as N	73 (80-120)	-	J- (all detects)	A
440-265960-1	M-268-20200512MS/MSD (I-AC 20200513 I-K 20200513 I-J 20200513 I-Z 20200513 I-I 20200513 I-V 20200513)	Perchlorate	79 (80-120)	-	J- (all detects)	A
440-265981-1	DFW-04-20200513MS/MSD (DFW-04-20200513 DFW-05-20200513 M-125-20200513 M-125-20200513-FD14 M-160-20200513 UFMW-01D-20200513)	Nitrate as N	73 (80-120)	69 (80-120)	J- (all detects)	A
440-265981-1	M-268-20200512MS/MSD (M-136-20200513 M-135-20200513)	Perchlorate	79 (80-120)	-	J- (all detects)	A
440-266019-1	I-AR 20200514MS/MSD (I-F 20200514 I-X 20200514 I-N 20200514 I-E 20200514 I-M 20200514 I-D 20200514 I-C 20200514)	Hexavalent chromium	64 (90-110)	64 (90-110)	J- (all detects)	A
440-266019-1	I-C 20200514MS/MSD (I-F 20200514 I-X 20200514 I-N 20200514 I-E 20200514 I-M 20200514 I-D 20200514 I-C 20200514)	Nitrate as N	123 (80-120)	124 (80-120)	J+ (all detects)	A
440-266020-1	I-AA 20200514MS/MSD (M-37-20200514 M-38-20200514)	Hexavalent chromium	-	112 (90-110)	J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-266021-1	I-AA 20200514MS/MSD (I-AA 20200514 I-AB 20200514 I-B 20200514 I-R 20200514 I-Y 20200514 I-L 20200514 I-S 20200514 I-AR 20200514 I-Y 20200514-FD)	Hexavalent chromium	-	112 (90-110)	J+ (all detects)	A
440-266033-1	M-142-20200514MS/MSD (M-142-20200514 M-153-20200514 M-189-20200514 M-33-20200514)	Nitrate as N	-	133 (80-120)	J+ (all detects)	A
440-266161-1	NERT3.60N1-20200518MS/MSD (NERT4.71N1-20200518 NERT3.60N1-20200518 M-92-20200518 TR-8-20200518 M-137-20200518 M-52-20200518)	Chlorate	62 (75-125)	56 (75-125)	J- (all detects) UJ (all non-detects)	A
440-266241-1	PC-198-20200519MS/MSD (ES-7-20200519 ES-23A-20200519 ES-21B-20200519 ES-21A-20200519 LVWPS-MW201A-20200519 LVWPS-MW201B-20200519 PC-198-20200519)	Perchlorate	124 (80-120)	123 (80-120)	J+ (all detects)	A
440-266241-1	ES-23B-20200519MS/MSD (ES-24-20200519 ES-24-20200519-FD20 NERT3.55S1-20200519 NERT3.40S1-20200519 ES-23B-20200519 PC-199-20200519)	Perchlorate	76 (80-120)	-	UJ (all non-detects)	A
440-266324-1	ES-23B-20200519MS/MSD (NERT3.98S1-20200520)	Perchlorate	76 (80-120)	-	UJ (all non-detects)	A
440-266391-1	ES-23B-20200519MS/MSD (PC-197-20200521 PC-195-20200521)	Perchlorate	76 (80-120)	-	UJ (all non-detects)	A
440-266429-1	ES-51-20200521MS/MSD (ES-51-20200521 ES-52-20200521 LVWPS-MW224B-20200521 ES-8A-20200521)	Perchlorate	125 (80-120)	131 (80-120)	J+ (all detects)	A
440-266429-1	ES-51-20200521MS/MSD (ES-49-20200521 ES-50-20200521)	Perchlorate	125 (80-120)	131 (80-120)	NA	-

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	Flag	A or P
440-266429-1	ES-18-20200522MS/MSD (ES-25A-20200522 DBMW-11-20200522)	Perchlorate	136 (80-120)	126 (80-120)	J+ (all detects)	A
440-266429-1	ES-18-20200522MS/MSD (ES-18-20200522 ES-14B-20200521 ES-16-20200522 ES-17-20200522 ES-25B-20200522 LVWPS-MW102B-20200521 ES-46-20200521)	Perchlorate	136 (80-120)	126 (80-120)	NA	-
440-266429-1	ES-9-20200521MS/MSD (DBMW-18-20200522 DBMW-18-20200522-FD21 ES-9-20200521)	Perchlorate	153 (80-120)	168 (80-120)	J+ (all detects)	A
440-266772-1	ART-2/2A 20200602MS/MSD (ART-1A 20200602)	Hexavalent chromium	-	112 (90-110)	NA	-
440-266772-1	ART-2/2A 20200602MS/MSD (ART-2/2A 20200602 ART-3A 20200602)	Hexavalent chromium	-	112 (90-110)	J+ (all detects)	A
440-266772-1	ART-8A 20200602MS/MSD (ART-4 20200602 ART-7B 20200602 ART-8A 20200602 ART-9 20200602 PC-150 20200602 ART-4 20200602-FD)	Hexavalent chromium	113 (90-110)	111 (90-110)	J+ (all detects)	A
440-266772-1	ES-51-20200521MS/MSD (ART-3A 20200602 ART-4 20200602 ART-9 20200602 ART-4 20200602-FD)	Perchlorate	125 (80-120)	131 (80-120)	J+ (all detects)	A
440-266773-1	ES-9-20200521MS/MSD (PC-99R2/R3 20200602)	Perchlorate	153 (80-120)	168 (80-120)	J+ (all detects)	A
440-266985-1	E2-5 20200604MS/MSD (E1-1 20200604 E1-2 20200604 E1-3 20200604 E2-1 20200604 E2-2 20200604 E2-3 20200604 E2-4 20200604 E2-5 20200604 E2-5 20200604-FD)	Nitrate as N	122 (80-120)	124 (80-120)	J+ (all detects)	A
440-267152-1	I-M 20200609MS/MSD (I-M 20200609 I-D 20200609 I-C 20200609)	Nitrate as N	122 (80-120)	122 (80-120)	J+ (all detects)	A

For ART-1A 20200106MS/MSD (from SDG 440-258526-1), I-AA 20200109MS/MSD, I-AB 20200109MS/MSD (both from SDG 440-258822-1), I-U 20200113MS/MSD (from SDG 440-259000-1), PC-118 20200206MS/MSD (from SDG 440-260419-1), ART-1 20200210MS/MSD, PC-150 20200210MS/MSD (both from SDG 440-260626-1), I-AA 20200212MS/MSD (from SDG 440-260824-1), I-AD 20200213MS/MSD, I-AC 20200213MS/MSD, I-Z 20200213MS/MSD (all three from SDG 440-260949-1), PC-118-20200304MS/MSD, PC-117-20200304MS/MSD, PC-133-20200304MS/MSD (all three from SDG 440-262099-1), C1-W-0.0-20200305MS/MSD (from SDG 440-262336-1), I-H 20200402MS/MSD, I-W 20200402-FDMS/MSD (both from SDG 440-263963-1), E1-1 20200407MS/MSD, E1-2 20200407MS/MSD (both from SDG 440-264268-1), PC-118 20200506MS/MSD, PC-133 20200506MS/MSD, PC-118 20200506-FDMS/MSD (all three from SDG 440-265640-1), PC-149-20200506MS/MSD (from SDG 440-265650-1), PC-40R-20200508MS/MSD, PC-160-20200508MS/MSD, and PC-158-20200508MS/MSD (all three from SDG 440-265784-1), ART-2/2A 20200511-FDMS/MSD (from SDG 440-265827-1), M-263-20200511MS/MSD (from SDG 440-265853-1), AA-UW2-20200520MS/MSD (from SDG 440-266324-1), ART-2/2A 20200602MS/MSD (from SDG 440-266772-1), PC-99R2/R3 20200602MS/MSD, PC-116R 20200602MS/MSD, PC-118 20200602MS/MSD, PC-117 20200602MS/MSD (all from SDG 440-266773-1), and I-G 20200609MS/MSD (from SDG 440-267150-1), no data were qualified for chlorate percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

For ART-1 20200401MS/MSD and ART-2 20200401MS/MSD (both from SDG 440-263888-1), no data were qualified for perchlorate percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

For I-S 20200109MS/MSD (from SDG 440-258822-1), E2-1 20200211MS/MSD (from SDG 440-260722-1), I-S 20200212MS/MSD (from SDG 440-260824-1), I-F 20200212MS/MSD (from SDG 440-260825-1), E2-4 20200303MS/MSD (from SDG 440-261993-1), M-79-20200513MS/MSD, UFMW-02D-20200513MS/MSD (both from SDG 440-265981-1), I-AR 20200514MS/MSD (from SDG 440-266021-1), I-S 20200604MS/MSD (from SDG 440-266981-1) and E2-5 20200604-FDMS/MSD (from SDG 440-266985-1), no data were qualified for nitrate as nitrogen percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

For I-AD 20200213MS/MSD (from SDG 440-260949-1), I-O 20200213MS/MSD (from SDG 440-260948-1), I-AD 20200309MS/MSD (from SDG 440-262401-1), I-T 20200311MS/MSD (from SDG 440-262652-1), I-O 20200402MS/MSD (from SDG 440-263963-1), M-11-20200515MS/MSD (from SDG 440-266076-1), no data were qualified for hexavalent chromium percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

For M-262-20200511MS/MSD (from SDG 440-265853-1) and M-5A-20200514MS/MSD (from SDG 440-266033-1), no data were qualified for sulfate percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

Relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Analyte	RPD (Limits)	Flag	A or P
440-266241-1	ES-23B-20200519MS/MSD (ES-24-20200519 ES-24-20200519-FD20 NERT3.55S1-20200519 NERT3.40S1-20200519 ES-23B-20200519 PC-199-20200519)	Perchlorate	19 (≤15)	UJ (all non-detects)	A
440-266324-1	ES-23B-20200519MS/MSD (NERT3.98S1-20200520)	Perchlorate	19 (≤15)	UJ (all non-detects)	A
440-266391-1	ES-23B-20200519MS/MSD (PC-197-20200521 PC-195-20200521)	Perchlorate	19 (≤15)	UJ (all non-detects)	A

VI. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

VII. Laboratory Control Samples

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

VIII. Field Duplicates

Samples ART-3A 20200106 and ART-3A 20200106-FD (both from SDG 440-258526-1), samples PC-119 20200107 and PC-119 20200107-FD (both from SDG 440-258616-1), samples E2-3 20200107 and E2-3 20200107-FD (both from SDG 440-258617-1), samples I-Q 20200113 and I-Q 20200113-FD (both from SDG 440-259000-1), samples LVW0.55-0.8-20200113 and LVW0.55-0.8-20200113-FD (both from SDG 440-259145-1), samples LVW6.05-0.6-20200114 and LVW6.05-0.6-20200114-FD (both from SDG 440-259145-1), samples LVW7.2-0.7-20200114 and LVW7.2-0.7-20200114-FD (both from SDG 440-259145-1), samples M-11-20200204 and M-11-20200204-FD4 (both from SDG 440-260226-1), samples PC-121 20200206 and PC-121 20200206-FD (both from SDG 440-260419-1), samples LVW6.05-0.7-20200206 and LVW6.05-0.7-20200206-FD (both from SDG 440-260462-1), samples LVW7.2-0.7-20200206 and LVW7.2-0.7-20200206-FD (both from SDG 440-260462-1), samples LVW0.55-1.0-20200205 and LVW0.55-1.0-20200205-FD (both from SDG 440-260462-1), samples ART-6 20200210-FD and ART-6 20200210 (both from SDG 440-260626-1), samples E2-5 20200211 and E2-5 20200211-FD (both from SDG 440-260722-1), samples I-S 20200212 and I-S 20200212-FD (both from SDG 440-260824-1), samples PC-121 20200227 and PC-121 20200227-FD (both from SDG 440-261780-1), samples E1-2 20200303 and E1-2 20200303-FD (both from SDG 440-261993-1), samples PC-99R2/R3-20200304 and PC-99R2/R3-20200304-FD (both from SDG 440-262099-1),

samples ART-8 20200305 and ART-8 20200305-FD (both from SDG 440-262188-1), samples LVW0.55-1.7-20200305 and LVW0.55-1.7-20200305-FD (both from SDG 440-262336-1), samples LVW6.05-0.5-20200306 and LVW6.05-0.5-20200306-FD (both from SDG 440-262336-1), samples LVW7.2-0.7-20200306 and LVW7.2-0.7-20200306-FD (both from SDG 440-262336-1), samples I-U 20200311 and I-U 20200311-FD (both from SDG 440-262652-1), samples PC-116R 20200401 and PC-116R 20200401-FD (both from SDG 440-263887-1), samples PC-150 20200401 and PC-150 20200401-FD (both from SDG 440-263888-1), samples I-W 20200402 and I-W 20200402-FD (both from SDG 440-263963-1), samples E2-1 20200407 and E2-1 20200407-FD (both from SDG 440-264268-1), samples LVW0.55-0.8-20200414 and LVW0.55-0.8-20200414-FD (both from SDG 440-264835-1), samples LVW6.05-0.5-20200414 and LVW6.05-0.6-20200414-FD (both from SDG 440-264835-1), samples LVW7.2-0.9-20200416 and LVW7.2-0.9-20200416-FD (both from SDG 440-264835-1), samples LVW7.2-1.0-20200501-FD and LVW7.2-1.0-20200501 (both from SDG 440-265410-1), samples LVW6.05-0.7-20200501 and LVW6.05-0.7-20200501-FD (both from SDG 440-265410-1), samples LVW0.55-1.0-20200501 and LVW0.55-1.0-20200501-FD (both from SDG 440-265410-1), samples PC-58-20200504 and PC-58-20200504-FD7 (both from SDG 440-265518-1), samples E2-3 20200505 and E2-3 20200505-FD (both from SDG 440-265537-1), samples PC-94-20200505 and PC-94-20200505-FD6 (both from SDG 440-265581-1), samples PC-118 20200506 and PC-118 20200506-FD (both from SDG 440-265640-1), samples ARP-3A-20200506 and ARP-3A-20200506-FD8 (both from SDG 440-265658-1), samples PC-28-20200507 and PC-28-20200507-FD5 (both from SDG 440-265726-1), samples PC-64-20200507-FD9 and PC-64-20200507 (both from SDG 440-265726-1), samples ART-2/2A 20200511 and ART-2/2A 20200511-FD (both from SDG 440-265827-1), samples MC-7-20200511 and MC-7-20200511-FD17 (both from SDG 440-265853-1), samples M-67-20200512 and M-67-20200512-FD11 (both from SDG 440-265912-1), samples MC-53-20200512 and MC-53-20200512-FD12 (both from SDG 440-265912-1), samples M-152-20200512 and M-152-20200512-FD10 (both from SDG 440-265912-1), samples M-80-20200513 and M-80-20200513-FD4 (both from SDG 440-265953-1), samples M-209-20200513 and M-209-20200513-FD13 (both from SDG 440-265981-1), samples M-125-20200513 and M-125-20200513-FD14 (both from SDG 440-265981-1), samples I-Y 20200514 and I-Y 20200514-FD (both from SDG 440-266021-1), samples M-162-20200515 and M-162-20200515-FD16 (both from SDG 440-266086-1), samples M-66-20200515 and M-66-20200515-FD15 (both from SDG 440-266086-1), samples ES-31-20200518 and ES-31-20200518-FD23 (both from SDG 440-266161-1), samples ES-24-20200519 and ES-24-20200519-FD20 (both from SDG 440-266241-1), samples NERT3.58S1-20200520 and NERT3.58S1-20200520-FD18 (both from SDG 440-266324-1), samples MW-13-20200521 and MW-13-20200521-FD19 (both from SDG 440-266429-1), samples ES-11-20200521 and ES-11-20200521-FD22 (both from SDG 440-266429-1), samples DBMW-18-20200522 and DBMW-18-20200522-FD21 (both from SDG 440-266429-1), samples ART-4 20200602 and ART-4 20200602-FD (both from SDG 440-266772-1), samples PC-120 20200602 and PC-120 20200602-FD (both from SDG 440-266773-1), samples I-AA 20200604 and I-AA 20200604-FD (both from SDG 440-266981-1), samples E2-5 20200604 and E2-5 20200604-FD (both from SDG 440-266985-1), samples LVW7.2-1.1-20200609-FD and LVW7.2-1.1-20200609 (both from SDG 440-267213-1), samples LVW6.05-0.5-20200609 and LVW6.05-0.5-20200609-FD (both from SDG 440-267213-1), and samples LVW0.55-1.1-20200609 and LVW0.55-1.1-20200609-FD (both from SDG 440-

267213-1) were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		ART-3A 20200106	ART-3A 20200106-FD			
440-258526-1	Hexavalent chromium	0.32 mg/L	0.31 mg/L	3 (≤30)	-	-
	Nitrate as N	17 mg/L	17 mg/L	0 (≤30)	-	-
	Chlorate	180000 ug/L	180000 ug/L	0 (≤30)	-	-
	Perchlorate	160 mg/L	160 mg/L	0 (≤30)	-	-
	Total dissolved solids	7200 mg/L	7300 mg/L	1 (≤30)	-	-
	pH	7.29 SU	7.28 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-119 20200107	PC-119 20200107-FD			
440-258616-1	Nitrate as N	0.13 mg/L	0.14 mg/L	7 (≤30)	-	-
	Chlorate	64 ug/L	62 ug/L	3 (≤30)	-	-
	Perchlorate	0.47 mg/L	0.49 mg/L	4 (≤30)	-	-
	Total dissolved solids	1700 mg/L	1700 mg/L	0 (≤30)	-	-
	pH	7.39 SU	7.39 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		E2-3 20200107	E2-3 20200107-FD			
440-258617-1	Hexavalent chromium	0.029 mg/L	0.030 mg/L	3 (≤30)	-	-
	Nitrate as N	32 mg/L	43 mg/L	29 (≤30)	-	-
	Chlorate	14000 ug/L	14000 ug/L	0 (≤30)	-	-
	Perchlorate	410 mg/L	410 mg/L	0 (≤30)	-	-
	Total dissolved solids	3500 mg/L	3600 mg/L	3 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		E2-3 20200107	E2-3 20200107-FD			
440-258617-1	pH	7.38 SU	7.37 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		I-Q 20200113	I-Q 20200113-FD			
440-259000-1	Hexavalent chromium	15 mg/L	15 mg/L	0 (≤30)	-	-
	Nitrate as N	59 mg/L	61 mg/L	3 (≤30)	-	-
	Chlorate	3300000 ug/L	3300000 ug/L	0 (≤30)	-	-
	Perchlorate	690 mg/L	690 mg/L	0 (≤30)	-	-
	Total dissolved solids	10000 mg/L	10000 mg/L	0 (≤30)	-	-
	pH	7.31 SU	7.31 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW0.55-0.8-20200113	LVW0.55-0.8-20200113-FD			
440-259145-1	Chlorate	200 ug/L	200 ug/L	0 (≤30)	-	-
	Perchlorate	57 ug/L	58 ug/L	2 (≤30)	-	-
	Total dissolved solids	1400 mg/L	1400 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW6.05-0.6-20200114	LVW6.05-0.6-20200114-FD			
440-259145-1	Chlorate	99 ug/L	98 ug/L	1 (≤30)	-	-
	Perchlorate	26 ug/L	27 ug/L	4 (≤30)	-	-
	Total dissolved solids	1400 mg/L	1400 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW7.2-0.7-20200114	LVW7.2-0.7-20200114-FD			
440-259145-1	Chlorate	84 ug/L	85 ug/L	1 (≤30)	-	-
	Total dissolved solids	1500 mg/L	1500 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-11-20200204	M-11-20200204-FD4			
440-260226-1	Hexavalent chromium	610 ug/L	620 ug/L	2 (≤30)	-	-
	Perchlorate	17000 ug/L	16000 ug/L	6 (≤30)	-	-
	Total dissolved solids	3000 mg/L	3100 mg/L	3 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-121 20200206	PC-121 20200206-FD			
440-260419-1	Nitrate as N	0.59 mg/L	0.62 mg/L	5 (≤30)	-	-
	Total dissolved solids	1500 mg/L	1500 mg/L	0 (≤30)	-	-
	pH	7.58 SU	7.56 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW6.05-0.7-20200206	LVW6.05-0.7-20200206-FD			
440-260462-1	Chlorate	190 ug/L	190 ug/L	0 (≤30)	-	-
	Perchlorate	34 ug/L	33 ug/L	3 (≤30)	-	-
	Total dissolved solids	1500 mg/L	1500 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW7.2-0.7-20200206	LVW7.2-0.7-20200206-FD			
440-260462-1	Chlorate	180 ug/L	180 ug/L	0 (≤30)	-	-
	Perchlorate	1.2 ug/L	1.2 ug/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW7.2-0.7-20200206	LVW7.2-0.7-20200206-FD			
440-260462-1	Total dissolved solids	1500 mg/L	1500 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW0.55-1.0-20200205	LVW0.55-1.0-20200205-FD			
440-260462-1	Chlorate	220 ug/L	220 ug/L	0 (≤30)	-	-
	Perchlorate	50 ug/L	50 ug/L	0 (≤30)	-	-
	Total dissolved solids	1400 mg/L	1400 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		ART-6 20200210-FD	ART-6 20200210			
440-260626-1	Hexavalent chromium	5.4 mg/L	5.3 mg/L	2 (≤30)	-	-
	Nitrate as N	20 mg/L	18 mg/L	11 (≤30)	-	-
	Chlorate	87000 ug/L	89000 ug/L	2 (≤30)	-	-
	Perchlorate	61 mg/L	63 mg/L	3 (≤30)	-	-
	Total dissolved solids	6000 mg/L	6100 mg/L	2 (≤30)	-	-
	pH	7.14 SU	7.00 SU	2 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		E2-5 20200211	E2-5 20200211-FD			
440-260722-1	Hexavalent chromium	0.098 mg/L	0.099 mg/L	1 (≤30)	-	-
	Nitrate as N	120 mg/L	120 mg/L	0 (≤30)	-	-
	Chlorate	34000 ug/L	34000 ug/L	0 (≤30)	-	-
	Perchlorate	990 mg/L	990 mg/L	0 (≤30)	-	-
	Total dissolved solids	4200 mg/L	4600 mg/L	9 (≤30)	-	-
	pH	6.93 SU	6.92 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		I-S 20200212	I-S 20200212-FD			
440-260824-1	Hexavalent chromium	1.1 mg/L	1.2 mg/L	9 (≤30)	-	-
	Nitrate as N	62 mg/L	62 mg/L	0 (≤30)	-	-
	Chlorate	310000 ug/L	310000 ug/L	0 (≤30)	-	-
	Perchlorate	240 mg/L	240 mg/L	0 (≤30)	-	-
	Total dissolved solids	4900 mg/L	4800 mg/L	2 (≤30)	-	-
	pH	7.32 SU	7.27 SU	1 (≤30)	-	-

SDG	Analyte	Concentration (mg/L)		RPD (Limits)	Flag	A or P
		PC-121 20200227	PC-121 20200227-FD			
440-261780-1	Perchlorate	0.014	0.017	19 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		E1-2 20200303	E1-2 20200303-FD			
440-261993-1	Hexavalent chromium	0.26 mg/L	0.25 mg/L	4 (≤30)	-	-
	Nitrate as N	96 mg/L	92 mg/L	4 (≤30)	-	-
	Chlorate	99000 ug/L	100000 ug/L	1 (≤30)	-	-
	Perchlorate	1300 mg/L	1300 mg/L	0 (≤30)	-	-
	Total dissolved solids	5000 mg/L	5100 mg/L	2 (≤30)	-	-
	pH	7.06 SU	7.06 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-99R2/R3-20200304	PC-99R2/R3-20200304-FD			
440-262099-1	Nitrate as N	7.7 mg/L	7.6 mg/L	1 (≤30)	-	-
	Chlorate	12000 ug/L	12000 ug/L	0 (≤30)	-	-
	Perchlorate	9.6 mg/L	9.9 mg/L	3 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-99R2/R3-20200304	PC-99R2/R3-20200304-FD			
440-262099-1	Total dissolved solids	2700 mg/L	2700 mg/L	0 (≤30)	-	-
	pH	7.46 SU	7.45 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		ART-8 20200305	ART-8 20200305-FD			
440-262188-1	Hexavalent chromium	0.072 mg/L	0.075 mg/L	4 (≤30)	-	-
	Nitrate as N	9.2 mg/L	7.4 mg/L	22 (≤30)	-	-
	Chlorate	66000 ug/L	61000 ug/L	8 (≤30)	-	-
	Perchlorate	66 mg/L	66 mg/L	0 (≤30)	-	-
	Total dissolved solids	8600 mg/L	8700 mg/L	1 (≤30)	-	-
	pH	7.38 SU	7.32 SU	1 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW0.55-1.7-20200305	LVW0.55-1.7-20200305-FD			
440-262336-1	Chlorate	170 ug/L	160 ug/L	6 (≤30)	-	-
	Perchlorate	53 ug/L	53 ug/L	0 (≤30)	-	-
	Total dissolved solids	1400 mg/L	1400 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW6.05-0.5-20200306	LVW6.05-0.5-20200306-FD			
440-262336-1	Chlorate	94 ug/L	90 ug/L	4 (≤30)	-	-
	Perchlorate	48 ug/L	50 ug/L	4 (≤30)	-	-
	Total dissolved solids	1600 mg/L	1600 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW7.2-0.7-20200306	LVW7.2-0.7-20200306-FD			
440-262336-1	Chlorate	91 ug/L	93 ug/L	2 (≤30)	-	-
	Perchlorate	2.1 ug/L	2.0 ug/L	5 (≤30)	-	-
	Total dissolved solids	1400 mg/L	1400 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		I-U 20200311	I-U 20200311-FD			
440-262652-1	Hexavalent chromium	18 mg/L	17 mg/L	6 (≤30)	-	-
	Nitrate as N	81 mg/L	87 mg/L	7 (≤30)	-	-
	Chlorate	3400000 ug/L	3400000 ug/L	0 (≤30)	-	-
	Perchlorate	1000 mg/L	1000 mg/L	0 (≤30)	-	-
	Total dissolved solids	11000 mg/L	11000 mg/L	0 (≤30)	-	-
	pH	7.19 SU	7.24 SU	1 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-116R 20200401	PC-116R 20200401-FD			
440-263887-1	Hexavalent chromium	0.0048 mg/L	0.0044 mg/L	9 (≤30)	-	-
	Nitrate as N	8.6 mg/L	8.7 mg/L	1 (≤30)	-	-
	Chlorate	18000 ug/L	19000 ug/L	5 (≤30)	-	-
	Perchlorate	11 mg/L	11 mg/L	0 (≤30)	-	-
	Total dissolved solids	2800 mg/L	2900 mg/L	4 (≤30)	-	-
	pH	7.84 SU	7.84 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-150 20200401	PC-150 20200401-FD			
440-263888-1	Hexavalent chromium	0.053 mg/L	0.054 mg/L	2 (≤30)	-	-
	Nitrate as N	11 mg/L	11 mg/L	0 (≤30)	-	-
	Chlorate	63000 ug/L	61000 ug/L	3 (≤30)	-	-
	Perchlorate	56 mg/L	56 mg/L	0 (≤30)	-	-
	Total dissolved solids	5000 mg/L	4900 mg/L	2 (≤30)	-	-
	pH	7.77 SU	7.72 SU	1 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		I-W 20200402	I-W 20200402-FD			
440-263963-1	Hexavalent chromium	13 mg/L	14 mg/L	7 (≤30)	-	-
	Nitrate as N	61 mg/L	67 mg/L	9 (≤30)	-	-
	Chlorate	2500000 ug/L	3000000 ug/L	18 (≤30)	-	-
	Perchlorate	660 mg/L	650 mg/L	2 (≤30)	-	-
	Total dissolved solids	9700 mg/L	9900 mg/L	2 (≤30)	-	-
	pH	7.64 SU	7.65 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		E2-1 20200407	E2-1 20200407-FD			
440-264268-1	Hexavalent chromium	0.025 mg/L	0.022 mg/L	13 (≤30)	-	-
	Nitrate as N	17 mg/L	17 mg/L	0 (≤30)	-	-
	Chlorate	18000 ug/L	17000 ug/L	6 (≤30)	-	-
	Perchlorate	110 mg/L	110 mg/L	0 (≤30)	-	-
	Total dissolved solids	3000 mg/L	3000 mg/L	0 (≤30)	-	-
	pH	7.27 SU	7.26 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW0.55-0.8-20200414	LVW0.55-0.8-20200414-FD			
440-264835-1	Chlorate	160 ug/L	150 ug/L	6 (≤30)	-	-
	Perchlorate	52 ug/L	53 ug/L	2 (≤30)	-	-
	Total dissolved solids	1400 mg/L	1400 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW6.05-0.5-20200414	LVW6.05-0.6-20200414-FD			
440-264835-1	Chlorate	86 ug/L	82 ug/L	5 (≤30)	-	-
	Perchlorate	44 ug/L	44 ug/L	0 (≤30)	-	-
	Total dissolved solids	1600 mg/L	1600 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW7.2-0.9-20200416	LVW7.2-0.9-20200416-FD			
440-264835-1	Chlorate	100 ug/L	100 ug/L	0 (≤30)	-	-
	Perchlorate	1.1 ug/L	1.0 ug/L	10 (≤30)	-	-
	Total dissolved solids	1300 mg/L	1300 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW7.2-1.0-20200501-FD	LVW7.2-1.0-20200501			
440-265410-1	Chlorate	68 ug/L	67 ug/L	1 (≤30)	-	-
	Perchlorate	1.6 ug/L	1.6 ug/L	0 (≤30)	-	-
	Total dissolved solids	1500 mg/L	1500 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW6.05-0.7-20200501	LVW6.05-0.7-20200501-FD			
440-265410-1	Chlorate	76 ug/L	73 ug/L	4 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW6.05-0.7-20200501	LVW6.05-0.7-20200501-FD			
440-265410-1	Perchlorate	37 ug/L	34 ug/L	8 (≤30)	-	-
	Total dissolved solids	1400 mg/L	1400 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW0.55-1.0-20200501	LVW0.55-1.0-20200501-FD			
440-265410-1	Chlorate	200 ug/L	200 ug/L	0 (≤30)	-	-
	Perchlorate	69 ug/L	69 ug/L	0 (≤30)	-	-
	Total dissolved solids	1400 mg/L	1400 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-58-20200504	PC-58-20200504-FD7			
440-265518-1	Nitrate as N	8.0 mg/L	7.4 mg/L	8 (≤30)	-	-
	Chlorate	7600 ug/L	7600 ug/L	0 (≤30)	-	-
	Perchlorate	870 ug/L	840 ug/L	4 (≤30)	-	-
	Total dissolved solids	2600 mg/L	2600 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		E2-3 20200505	E2-3 20200505-FD			
440-265537-1	Hexavalent chromium	0.022 mg/L	0.022 mg/L	0 (≤30)	-	-
	Nitrate as N	78 mg/L	78 mg/L	0 (≤30)	-	-
	Chlorate	13000 ug/L	13000 ug/L	0 (≤30)	-	-
	Perchlorate	460 mg/L	460 mg/L	0 (≤30)	-	-
	Total dissolved solids	3600 mg/L	3700 mg/L	3 (≤30)	-	-
	pH	7.32 SU	7.31 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-94-20200505	PC-94-20200505-FD6			
440-265581-1	Nitrate as N	8.1 mg/L	8.2 mg/L	1 (≤30)	-	-
	Chlorate	27000 ug/L	27000 ug/L	0 (≤30)	-	-
	Perchlorate	8100 ug/L	8000 ug/L	1 (≤30)	-	-
	Total dissolved solids	4300 mg/L	4300 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-118 20200506	PC-118 20200506-FD			
440-265640-1	Nitrate as N	3.3 mg/L	3.5 mg/L	6 (≤30)	-	-
	Chlorate	2100 ug/L	2000 ug/L	5 (≤30)	-	-
	Perchlorate	3.6 mg/L	3.6 mg/L	0 (≤30)	-	-
	Total dissolved solids	2100 mg/L	2100 mg/L	0 (≤30)	-	-
	pH	7.48 SU	7.48 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		ARP-3A-20200506	ARP-3A-20200506-FD8			
440-265658-1	Nitrate as N	7.2 mg/L	5.8 mg/L	22 (≤30)	-	-
	Chlorate	7300 ug/L	7500 ug/L	3 (≤30)	-	-
	Perchlorate	39000 ug/L	41000 ug/L	5 (≤30)	-	-
	Total dissolved solids	5000 mg/L	5000 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-28-20200507	PC-28-20200507-FD5			
440-265726-1	Nitrate as N	17 mg/L	18 mg/L	6 (≤30)	-	-
	Chlorate	210000 ug/L	210000 ug/L	0 (≤30)	-	-
	Perchlorate	130000 ug/L	130000 ug/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-28-20200507	PC-28-20200507-FD5			
440-265726-1	Total dissolved solids	5100 mg/L	5000 mg/L	2 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-64-20200507-FD9	PC-64-20200507			
440-265726-1	Nitrate as N	89 mg/L	88 mg/L	1 (≤30)	-	-
	Chlorate	270000 ug/L	270000 ug/L	0 (≤30)	-	-
	Perchlorate	260000 ug/L	260000 ug/L	0 (≤30)	-	-
	Total dissolved solids	6400 mg/L	6300 mg/L	2 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		ART-2/2A 20200511	ART-2/2A 20200511-FD			
440-265827-1	Hexavalent chromium	0.0041 mg/L	0.0042 mg/L	2 (≤30)	-	-
	Chlorate	7800 ug/L	7700 ug/L	1 (≤30)	-	-
	Perchlorate	9.8 mg/L	9.0 mg/L	9 (≤30)	-	-
	Total dissolved solids	8400 mg/L	8500 mg/L	1 (≤30)	-	-
	pH	7.58 SU	7.60 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		MC-7-20200511	MC-7-20200511-FD17			
440-265853-1	Nitrate as N	2.6 mg/L	2.6 mg/L	0 (≤30)	-	-
	Chlorate	460 ug/L	420 ug/L	9 (≤30)	-	-
	Perchlorate	8400 ug/L	7100 ug/L	17 (≤30)	-	-
	Total dissolved solids	7400 mg/L	7500 mg/L	1 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-67-20200512	M-67-20200512-FD11			
440-265912-1	Nitrate as N	5.9 mg/L	5.9 mg/L	0 (≤30)	-	-
	Chlorate	1100000 ug/L	1000000 ug/L	10 (≤30)	-	-
	Perchlorate	170000 ug/L	160000 ug/L	6 (≤30)	-	-
	Total dissolved solids	4900 mg/L	5000 mg/L	2 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		MC-53-20200512	MC-53-20200512-FD12			
440-265912-1	Chlorate	15000 ug/L	16000 ug/L	6 (≤30)	-	-
	Perchlorate	2100 ug/L	2100 ug/L	0 (≤30)	-	-
	Total dissolved solids	14000 mg/L	15000 mg/L	7 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-152-20200512	M-152-20200512-FD10			
440-265912-1	Nitrate as N	2.4 mg/L	2.4 mg/L	0 (≤30)	-	-
	Chlorate	77 ug/L	80 ug/L	4 (≤30)	-	-
	Perchlorate	61 ug/L	54 ug/L	12 (≤30)	-	-
	Total dissolved solids	610 mg/L	610 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-80-20200513	M-80-20200513-FD4			
440-265953-1	Hexavalent chromium	4000 ug/L	3600 ug/L	11 (≤30)	-	-
	Nitrate as N	79 mg/L	79 mg/L	0 (≤30)	-	-
	Chlorate	1400000 ug/L	1500000 ug/L	7 (≤30)	-	-
	Perchlorate	590000 ug/L	570000 ug/L	3 (≤30)	-	-
	Total dissolved solids	6200 mg/L	6300 mg/L	2 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-209-20200513	M-209-20200513-FD13			
440-265981-1	Nitrate as N	13 mg/L	13 mg/L	0 (≤30)	-	-
	Chlorate	360000 ug/L	370000 ug/L	3 (≤30)	-	-
	Perchlorate	500000 ug/L	530000 ug/L	6 (≤30)	-	-
	Total dissolved solids	5000 mg/L	5100 mg/L	2 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-125-20200513	M-125-20200513-FD14			
440-265981-1	Nitrate as N	5.5 mg/L	6.2 mg/L	12 (≤30)	-	-
	Perchlorate	820 ug/L	840 ug/L	2 (≤30)	-	-
	Total dissolved solids	14000 mg/L	14000 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		I-Y 20200514	I-Y 20200514-FD			
440-266021-1	Hexavalent chromium	0.77 mg/L	0.76 mg/L	1 (≤30)	-	-
	Nitrate as N	78 mg/L	70 mg/L	11 (≤30)	-	-
	Chlorate	230000 ug/L	230000 ug/L	0 (≤30)	-	-
	Perchlorate	360 mg/L	370 mg/L	3 (≤30)	-	-
	Total dissolved solids	4700 mg/L	4700 mg/L	0 (≤30)	-	-
	pH	7.29 SU	7.26 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-162-20200515	M-162-20200515-FD16			
440-266086-1	Nitrate as N	5.6 mg/L	5.6 mg/L	0 (≤30)	-	-
	Chlorate	100000 ug/L	100000 ug/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-162-20200515	M-162-20200515-FD16			
440-266086-1	Perchlorate	59000 ug/L	58000 ug/L	2 (≤30)	-	-
	Total dissolved solids	910 mg/L	900 mg/L	1 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		M-66-20200515	M-66-20200515-FD15			
440-266086-1	Nitrate as N	89 mg/L	86 mg/L	3 (≤30)	-	-
	Chlorate	2800000 ug/L	3100000 ug/L	10 (≤30)	-	-
	Perchlorate	700000 ug/L	670000 ug/L	4 (≤30)	-	-
	Total dissolved solids	9700 mg/L	9700 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration (ug/L)		RPD (Limits)	Flag	A or P
		ES-31-20200518	ES-31-20200518-FD23			
440-266161-1	Chlorate	120000	120000	0 (≤30)	-	-
	Perchlorate	8500	8500	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		NERT3.58S1-20200520	NERT3.58S1-20200520-FD18			
440-266324-1	Chlorate	1600 ug/L	1900 ug/L	17 (≤30)	-	-
	Perchlorate	800 ug/L	830 ug/L	4 (≤30)	-	-
	Total dissolved solids	2900 mg/L	2900 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		MW-13-20200521	MW-13-20200521-FD19			
440-266429-1	Chlorate	5700 ug/L	5900 ug/L	3 (≤30)	-	-
	Perchlorate	2800 ug/L	2500 ug/L	11 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		MW-13-20200521	MW-13-20200521-FD19			
440-266429-1	Total dissolved solids	4500 mg/L	4500 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		ES-11-20200521	ES-11-20200521-FD22			
440-266429-1	Chlorate	61000 ug/L	14000 ug/L	125 (≤30)	J (all detects)	A
	Perchlorate	5500 ug/L	5400 ug/L	2 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		DBMW-18-20200522	DBMW-18-20200522-FD21			
440-266429-1	Chlorate	120 ug/L	120 ug/L	0 (≤30)	-	-
	Perchlorate	7.4 ug/L	7.0 ug/L	6 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		ART-4 20200602	ART-4 20200602-FD			
440-266772-1	Hexavalent chromium	0.19 mg/L	0.19 mg/L	0 (≤30)	-	-
	Nitrate as N	13 mg/L	13 mg/L	0 (≤30)	-	-
	Chlorate	170000 ug/L	160000 ug/L	6 (≤30)	-	-
	Perchlorate	140 mg/L	140 mg/L	0 (≤30)	-	-
	Total dissolved solids	6200 mg/L	5800 mg/L	7 (≤30)	-	-
	pH	7.44 SU	7.43 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-120 20200602	PC-120 20200602-FD			
440-266773-1	Nitrate as N	0.092 mg/L	0.11 mg/L	18 (≤30)	-	-
	Perchlorate	0.037 mg/L	0.038 mg/L	3 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		PC-120 20200602	PC-120 20200602-FD			
440-266773-1	Total dissolved solids	1500 mg/L	1600 mg/L	6 (≤30)	-	-
	pH	7.47 SU	7.45 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		I-AA 20200604	I-AA 20200604-FD			
440-266981-1	Hexavalent chromium	0.056 mg/L	0.057 mg/L	2 (≤30)	-	-
	Nitrate as N	13 mg/L	13 mg/L	0 (≤30)	-	-
	Chlorate	16000 ug/L	16000 ug/L	0 (≤30)	-	-
	Perchlorate	38 mg/L	40 mg/L	5 (≤30)	-	-
	Total dissolved solids	3400 mg/L	3400 mg/L	0 (≤30)	-	-
	pH	7.22 SU	7.23 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		E2-5 20200604	E2-5 20200604-FD			
440-266985-1	Hexavalent chromium	0.13 mg/L	0.13 mg/L	0 (≤30)	-	-
	Nitrate as N	86 mg/L	83 mg/L	4 (≤30)	-	-
	Chlorate	44000 ug/L	44000 ug/L	0 (≤30)	-	-
	Perchlorate	1100 mg/L	1100 mg/L	0 (≤30)	-	-
	Total dissolved solids	4700 mg/L	4600 mg/L	2 (≤30)	-	-
	pH	6.93 SU	6.92 SU	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW7.2-1.1-20200609-FD	LVW7.2-1.1-20200609			
440-267213-1	Chlorate	77 ug/L	78 ug/L	1 (≤30)	-	-
	Perchlorate	2.6 ug/L	2.3 ug/L	12 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW7.2-1.1-20200609-FD	LVW7.2-1.1-20200609			
440-267213-1	Total dissolved solids	1200 mg/L	1200 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW6.05-0.5-20200609	LVW6.05-0.5-20200609-FD			
440-267213-1	Chlorate	90 ug/L	90 ug/L	0 (≤30)	-	-
	Perchlorate	43 ug/L	43 ug/L	0 (≤30)	-	-
	Total dissolved solids	1400 mg/L	1400 mg/L	0 (≤30)	-	-

SDG	Analyte	Concentration		RPD (Limits)	Flag	A or P
		LVW0.55-1.1-20200609	LVW0.55-1.1-20200609-FD			
440-267213-1	Chlorate	200 ug/L	220 ug/L	10 (≤30)	-	-
	Perchlorate	68 ug/L	68 ug/L	0 (≤30)	-	-
	Total dissolved solids	1400 mg/L	1400 mg/L	0 (≤30)	-	-

IX. Sample Result Verification

Raw data were not reviewed for Stage 2A validation.

X. Overall Assessment of Data

The analysis was conducted within all specifications of the methods.

In the case where more than one result was reported for an individual sample, the least technically acceptable results were deemed not reportable as follows:

SDG	Sample	Analyte	Reason	Flag	A or P
440-265853-1	M-73-20200511	Nitrate as N	Raised baseline from carryover of previous sample, reanalysis is more usable.	Do not report	-

Due to technical holding time and MS/MSD %R, data were qualified as estimated in two hundred-eleven samples.

No results were rejected in these SDGs.

NERT GWM Performance Sampling, January – June 2020

Wet Chemistry - Data Qualification Summary - SDGs 440-258526-1, 440-258616-1, 440-258617-1, 440-258723-1, 440-258822-1, 440-258823-1, 440-258824-1, 440-259000-1, 440-259145-1, 440-259160-1, 440-260225-1, 440-260226-1, 440-260227-1, 440-260419-1, 440-260462-1, 440-260626-1, 440-260722-1, 440-260824-1, 440-260825-1, 440-260948-1, 440-260949-1, 440-261780-1, 440-261993-1, 440-262099-1, 440-262188-1, 440-262336-1, 440-262401-1, 440-262492-1, 440-262494-1, 440-262652-1, 440-263887-1, 440-263888-1, 440-263947-1, 440-263963-1, 440-263964-1, 440-263966-1, 440-264268-1, 440-264835-1, 440-265410-1, 440-265513-1, 440-265515-1, 440-265518-1, 440-265537-1, 440-265574-1, 440-265576-1, 440-265578-1, 440-265579-1, 440-265580-1, 440-265581-1, 440-265640-1, 440-265645-1, 440-265650-1, 440-265653-1, 440-265655-1, 440-265656-1, 440-265658-1, 440-265726-1, 440-265784-1, 440-265827-1, 440-265853-1, 440-265896-1, 440-265912-1, 440-265950-1, 440-265953-1, 440-265960-1, 440-265981-1, 440-266019-1, 440-266020-1, 440-266021-1, 440-266033-1, 440-266076-1, 440-266086-1, 440-266138-1, 440-266139-1, 440-266161-1, 440-266241-1, 440-266324-1, 440-266336-1, 440-266391-1, 440-266429-1, 440-266772-1, 440-266773-1, 440-266981-1, 440-266985-1, 440-267108-1, 440-267150-1, 440-267152-1, 440-267213-1

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-264835-1	LVW4.75-1-0.8-20200414 LVW4.75-2-1.3-20200414	Total dissolved solids	J- (all detects)	P	Technical holding times (h)
440-265853-1	M-73-20200511RE	Nitrate as N	J- (all detects)	A	Technical holding times (h)
440-266161-1	M-129-20200518	Chlorate	J+ (all detects)	P	Surrogates (%R) (s)
440-258616-1	PC-119 20200107 PC-117 20200107 PC-119 20200107-FD PC-133 20200107	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-258824-1	I-C 20200109	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-259145-1	LVW3.5-1-1.4-20200113 LVW3.5-2-1.2-20200113 LVW3.5-3-1.8-20200113 LVW3.5-4-2.1-20200113 LVW3.5-5-2.0-20200113 LVW3.5-6-1.8-20200113 LVW4.2-1-1.4-20200113 LVW4.2-2-2.4-20200113 LVW4.2-3-2.5-20200113 LVW4.2-4-1.8-20200113 LVW4.75-1-1.0-20200113 LVW4.75-2-1.1-20200113 LVW4.75-3-0.8-20200113 LVW4.75-4-1.0-20200113 LVW4.75-5-0.8-20200113 LVW5.3-1-3.0-20200113 LVW5.3-2-0.5-20200113 LVW5.3-3-0.4-20200113	Perchlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-260419-1	PC-121 20200206 PC-117 20200206 PC-133 20200206 PC-121 20200206-FD	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-260948-1	I-G 20200213 I-Q 20200213 I-H 20200213 I-U 20200213 I-T 20200213	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-260949-1	I-J 20200213 I-Z 20200213	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-262401-1	I-AD 20200309 I-AC 20200309 I-K 20200309 I-J 20200309 I-Z 20200309 I-I 20200309	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-262492-1	I-F 20200310 I-X 20200310 I-N 20200310 I-E 20200310 I-M 20200310 I-D 20200310 I-C 20200310	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-262494-1	I-S 20200310 I-AR 20200310	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-263887-1	PC-121 20200401	Perchlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-263947-1	I-D 20200402 I-C 20200402	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-263963-1	I-H 20200402 I-U 20200402 I-T 20200402 I-G 20200402 I-Q 20200402 I-W 20200402-FD	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-263963-1	I-O 20200402 I-W 20200402 I-P 20200402	Nitrate as N	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-263964-1	I-V 20200402	Nitrate as N	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-263966-1	I-S 20200402 I-AR 20200402 I-AA 20200402 I-AB 20200402 I-B 20200402 I-R 20200402 I-Y 20200402 I-L 20200402	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-264268-1	E2-2 20200407 E2-3 20200407 E2-4 20200407 E2-5 20200407	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265578-1	PC-137-20200505	Perchlorate	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265579-1	PC-134D-20200505	Perchlorate	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265656-1	PC-137D-20200506 PC-145-20200506	Nitrate as N	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265656-1	PC-137D-20200506	Perchlorate	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265658-1	ARP-3A-20200506 ARP-3A-20200506-FD8 ARP-1-20200506 PC-18-20200506	Nitrate as N	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265726-1	PC-66-20200507 PC-123-20200507 PC-28-20200507 PC-28-20200507-FD5 PC-67-20200507 PC-131-20200507 PC-128-20200507 PC-151-20200507	Chlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265784-1	PC-21A-20200508 PC-160-20200508 PC-159-20200508 PC-158-20200508 PC-154-20200508 PC-107-20200508 PC-136-20200508 PC-31-20200508	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265827-1	ART-1A 20200511 ART-3A 20200511 ART-4 20200511 ART-7B 20200511 ART-9 20200511 PC-150 20200511	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-265853-1	M-267-20200511	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265912-1	M-268-20200512 M-182-20200512 MC-93-20200512	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265950-1	I-O 20200513 I-W 20200513 I-P 20200513 I-H 20200513 I-U 20200513 I-T 20200513 I-G 20200513 I-Q 20200513	Nitrate as N	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265960-1	I-AC 20200513 I-K 20200513 I-J 20200513 I-Z 20200513 I-I 20200513 I-V 20200513	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265981-1	DFW-04-20200513 DFW-05-20200513 M-125-20200513 M-125-20200513-FD14 M-160-20200513 UFMW-01D-20200513	Nitrate as N	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-265981-1	M-136-20200513 M-135-20200513	Perchlorate	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266019-1	I-F 20200514 I-X 20200514 I-N 20200514 I-E 20200514 I-M 20200514 I-D 20200514 I-C 20200514	Hexavalent chromium	J- (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266019-1	I-F 20200514 I-X 20200514 I-N 20200514 I-E 20200514 I-M 20200514 I-D 20200514 I-C 20200514	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266020-1	M-37-20200514 M-38-20200514	Hexavalent chromium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-266021-1	I-AA 20200514 I-AB 20200514 I-B 20200514 I-R 20200514 I-Y 20200514 I-L 20200514 I-S 20200514 I-AR 20200514 I-Y 20200514-FD	Hexavalent chromium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266033-1	M-142-20200514 M-153-20200514 M-189-20200514 M-33-20200514	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266161-1	NERT4.71N1-20200518 NERT3.60N1-20200518 M-92-20200518 TR-8-20200518 M-137-20200518 M-52-20200518	Chlorate	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266241-1	ES-7-20200519 ES-23A-20200519 ES-21B-20200519 ES-21A-20200519 LVWPS-MW201A-20200519 LVWPS-MW201B-20200519 PC-198-20200519	Perchlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266241-1	ES-24-20200519 ES-24-20200519-FD20 NERT3.55S1-20200519 NERT3.40S1-20200519 ES-23B-20200519 PC-199-20200519	Perchlorate	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266324-1	NERT3.98S1-20200520	Perchlorate	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266391-1	PC-197-20200521 PC-195-20200521	Perchlorate	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266429-1	ES-51-20200521 ES-52-20200521 LVWPS-MW224B-20200521 ES-8A-20200521 ES-25A-20200522 DBMW-11-20200522 DBMW-18-20200522 DBMW-18-20200522-FD21 ES-9-20200521	Perchlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
440-266772-1	ART-2/2A 20200602 ART-3A 20200602 ART-4 20200602 ART-7B 20200602 ART-8A 20200602 ART-9 20200602 PC-150 20200602 ART-4 20200602-FD	Hexavalent chromium	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266772-1	ART-3A 20200602 ART-4 20200602 ART-9 20200602 ART-4 20200602-FD	Perchlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266773-1	PC-99R2/R3 20200602	Perchlorate	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266985-1	E1-1 20200604 E1-2 20200604 E1-3 20200604 E2-1 20200604 E2-2 20200604 E2-3 20200604 E2-4 20200604 E2-5 20200604 E2-5 20200604-FD	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-267152-1	I-M 20200609 I-D 20200609 I-C 20200609	Nitrate as N	J+ (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (m)
440-266241-1	ES-24-20200519 ES-24-20200519-FD20 NERT3.55S1-20200519 NERT3.40S1-20200519 ES-23B-20200519 PC-199-20200519	Perchlorate	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-266324-1	NERT3.98S1-20200520	Perchlorate	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-266391-1	PC-197-20200521 PC-195-20200521	Perchlorate	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (RPD) (ld)
440-266429-1	ES-11-20200521 ES-11-20200521-FD22	Chlorate	J (all detects)	A	Field duplicates (RPD) (fd)
440-265853-1	M-73-20200511	Nitrate as N	Do not report	-	Overall assessment of data (orr)

NERT GWM Performance Sampling, January – June 2020

Wet Chemistry - Laboratory Blank Data Qualification Summary - SDGs 440-258526-1, 440-258616-1, 440-258617-1, 440-258723-1, 440-258822-1, 440-258823-1, 440-258824-1, 440-259000-1, 440-259145-1, 440-259160-1, 440-260225-1, 440-260226-1, 440-260227-1, 440-260419-1, 440-260462-1, 440-260626-1, 440-260722-1,

440-260824-1, 440-260825-1, 440-260948-1, 440-260949-1, 440-261780-1, 440-261993-1, 440-262099-1, 440-262188-1, 440-262336-1, 440-262401-1, 440-262492-1, 440-262494-1, 440-262652-1, 440-263887-1, 440-263888-1, 440-263947-1, 440-263963-1, 440-263964-1, 440-263966-1, 440-264268-1, 440-264835-1, 440-265410-1, 440-265513-1, 440-265515-1, 440-265518-1, 440-265537-1, 440-265574-1, 440-265576-1, 440-265578-1, 440-265579-1, 440-265580-1, 440-265581-1, 440-265640-1, 440-265645-1, 440-265650-1, 440-265653-1, 440-265655-1, 440-265656-1, 440-265658-1, 440-265726-1, 440-265784-1, 440-265827-1, 440-265853-1, 440-265896-1, 440-265912-1, 440-265950-1, 440-265953-1, 440-265960-1, 440-265981-1, 440-266019-1, 440-266020-1, 440-266021-1, 440-266033-1, 440-266076-1, 440-266086-1, 440-266138-1, 440-266139-1, 440-266161-1, 440-266241-1, 440-266324-1, 440-266336-1, 440-266391-1, 440-266429-1, 440-266772-1, 440-266773-1, 440-266981-1, 440-266985-1, 440-267108-1, 440-267150-1, 440-267152-1, 440-267213-1

No Sample Data Qualified in these SDGs

NERT GWM Performance Sampling, January – June 2020

Wet Chemistry - Field Blank Data Qualification Summary - SDGs 440-258526-1, 440-258616-1, 440-258617-1, 440-258723-1, 440-258822-1, 440-258823-1, 440-258824-1, 440-259000-1, 440-259145-1, 440-259160-1, 440-260225-1, 440-260226-1, 440-260227-1, 440-260419-1, 440-260462-1, 440-260626-1, 440-260722-1, 440-260824-1, 440-260825-1, 440-260948-1, 440-260949-1, 440-261780-1, 440-261993-1, 440-262099-1, 440-262188-1, 440-262336-1, 440-262401-1, 440-262492-1, 440-262494-1, 440-262652-1, 440-263887-1, 440-263888-1, 440-263947-1, 440-263963-1, 440-263964-1, 440-263966-1, 440-264268-1, 440-264835-1, 440-265410-1, 440-265513-1, 440-265515-1, 440-265518-1, 440-265537-1, 440-265574-1, 440-265576-1, 440-265578-1, 440-265579-1, 440-265580-1, 440-265581-1, 440-265640-1, 440-265645-1, 440-265650-1, 440-265653-1, 440-265655-1, 440-265656-1, 440-265658-1, 440-265726-1, 440-265784-1, 440-265827-1, 440-265853-1, 440-265896-1, 440-265912-1, 440-265950-1, 440-265953-1, 440-265960-1, 440-265981-1, 440-266019-1, 440-266020-1, 440-266021-1, 440-266033-1, 440-266076-1, 440-266086-1, 440-266138-1, 440-266139-1, 440-266161-1, 440-266241-1, 440-266324-1, 440-266336-1, 440-266391-1, 440-266429-1, 440-266772-1, 440-266773-1, 440-266981-1, 440-266985-1, 440-267108-1, 440-267150-1, 440-267152-1, 440-267213-1

No Sample Data Qualified in these SDGs