



Technical Memorandum

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Subj: Data Validation Report
CSO Effluent Characterization Water Samples – September 2007 through April 2009

This technical memorandum summarizes the data validation review performed on 28 CSO and CSO-like water samples and 5 field blanks, collected by staff of King County's Environmental Laboratory, between September 4, 2007 and April 12, 2009. The 33 samples were submitted for analysis of conventional, trace metal, and trace organic parameters. This memorandum includes validation of data generated by analyses performed at the King County Environmental Laboratory. Analysis of polychlorinated biphenyl (PCB) congeners was performed at another laboratory. PCB congener data validation is summarized in separate memoranda.

This data validation review has been based, in part, on guidance found in *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (EPA 2004) and *USEPA Contract Laboratory Program National Functional Guidelines for Low Concentration Organic Data Review* (EPA 2001). Materials reviewed include batch reports and analytical quality control (QC) reports downloaded from the King County Laboratory Information System (LIMS) database, which are included as attachments to this memorandum.

1.0 Introduction

The 28 CSO water samples were collected from seven locations in King County's sewage conveyance and combined sewer overflow (CSO) systems during storm events. Table 1 summarizes the station location information and the number of samples collected.

Table 1 – Station Location Information

Locator	Samples	Description
063053	3	Brandon Street CSO outfall station
A00602	3	Duwamish Siphon forebay
A4007	5	Michigan Street CSO regulator station
CS030	9 (incl. 3 dups.)	Hanford Street CSO outfall station
Kingdome Regulator	2	Kingdome CSO regulator station
Lander II Regulator	5	Lander Street CSO regulator station
S070167	1	West Michigan CSO regulator station

The 28 samples and 5 field blanks were analyzed for a variety of conventional, trace metal, and trace organic parameters. Table 2 summarizes the analyses performed by the King County Environmental Laboratory on each of the samples and field blanks.

Table 2 – Samples and Analyses

Locator	Sample	Ammonia Nitrogen	Nitrate + Nitrite Nitrogen	Total Nitrogen	Total Phosphorus	Dissolved Organic Carbon	Total Organic Carbon	Chemical Oxygen Demand	Chloride	Total Alkalinity	Total Suspended Solids	Volatile Suspended Solids	Dissolved Mercury (CVAA)	Total Mercury (CVAA)	Dissolved Metals (ICP-MS)	Total Metals (ICP-MS)	Chlorinated Pesticides	Semivolatile Organic Compounds
063053	L46918-5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	L47190-2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	L47957-5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A00602	L43913-2	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓		✓
	L44133-2	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓		✓
	L47597-2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
A4007	L43790-1	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓	✓		✓
	L43913-1	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓		✓
	L44133-1	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓		✓
	L45811-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓
	L46918-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
CS030	L44133-3	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓		✓
	L44133-4	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓		✓
	L45811-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓
	L46418-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	L46918-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	L47597-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	L47597-4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	L47834-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L47834-2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Kingdome Regulator	L46918-8					✓	✓				✓	✓						
	L47190-4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Lander II Regulator	L44912-6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓
	L45811-6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓
	L46418-6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	L46918-6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
	L47834-3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
S070167	L47834-4					✓	✓			✓	✓		✓		✓		✓	
Field Blank	L42798-1															✓		✓
	L43912-1															✓		✓
	L44132-1												✓			✓		✓
	L44913-1												✓			✓		✓
	L45805-1												✓			✓		✓

Collection of these samples during storm events over a period of time necessitated analysis of the samples in multiple QC batches or “work groups” to ensure that samples were analyzed within prescribed holding times. Each work group included analysis of a number of quality control (QC) samples. The types of QC samples required for this project and their prescribed control limits may be found in the project sampling and analysis plan (SAP) – *Duwamish River Basin Combined Sewer Overflow Survey Sampling and Analysis Plan* (King County 2007).

The QC parameters reviewed during this data validation include; holding time, method blanks, spike blanks, matrix spikes, matrix spike duplicates, standard reference materials or laboratory control samples, laboratory replicates, and surrogates. These QC parameters are described below.

Holding Time – The analytical holding time is a method-specific timeframe, during which sample preparation and analysis should occur to provide valid data. All samples should be analyzed within this prescribed holding time.

Method Blank – A method blank is an aliquot of reagent water that is processed through the entire analytical procedure. Analysis of the method blank is used to evaluate the levels of contamination that might be associated with the processing and analysis of samples. All method blank results should be less than the method detection limit.

Spike Blank – A spike blank is an aliquot of the same matrix used for the method blank (reagent water), to which a known concentration of target analyte(s) has been added. The spiked aliquot is processed through the entire analytical procedure. Analysis of the spike blank is used as an indicator of method accuracy. Spike blanks are not addressed in the National Functional Guidelines, however, King County has empirically-derived control limits for spike blank analytes for conventional, metal, and organic analyses, which are shown on the attached QC reports. Spike blank results should be within these control limits.

Matrix Spike – A matrix spike is a second sample aliquot fortified with a known concentration of a target analyte(s). The spiked sample is processed through the entire analytical procedure. Analysis of the matrix spike is used as an indicator of sample matrix effect on the recovery of target analyte(s). Control limits for individual organic analytes or conventional parameters are not addressed in the National Functional Guidelines, however, King County has empirically-derived control limits for percent recoveries of organic and conventional matrix spike analytes, which are shown on the attached QC reports. Matrix spike recoveries should be within these control limits. Matrix spike recoveries for metals should be within 75 to 125% (EPA 2004).

Matrix Spike Duplicate – A matrix spike duplicate is a third sample aliquot fortified with a known concentration of a target analyte(s). The spiked sample is processed through the entire analytical procedure. Analysis of the matrix spike duplicate is used as an additional indicator of sample matrix effect on the recovery of target analyte(s) as well as an indicator of method precision. The relative percent difference (RPD) between matrix spike and matrix spike duplicate results for organic and conventional analyses are not addressed in the National Functional Guidelines, however, King County uses empirically-derived control limit for this QC analysis, which are shown on the attached QC reports. The RPD for matrix spike/matrix spike duplicate results should be less than 20% for metal analyses (EPA 2004).

Laboratory Control Sample or Standard Reference Material – A laboratory control sample is a sample of known analyte concentration(s) that is prepared in the lab from a separate source of analyte(s) relative to the calibration standards. Since the laboratory control sample analysis should follow the entire analytical process, it should be stored and prepared following the same procedures as a field sample. A standard reference material is a commercially-prepared laboratory control sample. Analysis of a laboratory control sample or standard reference material is used as an indicator of method accuracy and long-term analytical precision. Laboratory control samples were used for metals analyses as well as several conventional analyses. King County uses empirically-derived percent recovery control limits for conventional analyses, which are shown on the attached QC reports. Percent recoveries for conventional laboratory control sample results should be within these control limits. Percent recoveries for laboratory control samples (or standard reference materials) for metals are addressed in National Functional Guidelines and results should be within control limits of 80 to 120% (EPA 2004). King County also has empirically-derived control limits for metals' laboratory control samples, which are shown on the attached QC reports.

Laboratory Duplicate – A laboratory duplicate is a second aliquot of a sample, processed concurrently and in an identical manner with the original sample. Analysis of the laboratory duplicate is used as an indicator of method precision and laboratory subsampling procedures. The laboratory duplicate can also be used to provide information regarding the homogeneity of the sample matrix. QC results are reported as an RPD between the sample and laboratory duplicate results. Laboratory duplicates were used during metals analyses and the RPD should be below 20% (EPA 2004). Laboratory duplicates were also used on all conventional analyses, however, they are not addressed under the National Functional Guidelines. King County uses an RPD of either 20% or 25%, depending on the conventional analyte. The RPD for laboratory duplicate results should be below these control limits.

Surrogate – A surrogate is a known concentration of non-target analyte which is added to each organic sample (both analytical and QC samples) prior to extraction. Surrogate recovery is used as an indication of sample-specific method or matrix bias for target analytes. The surrogate is selected to behave in a similar manner to the target analytes. National Functional Guidelines provides control limits for percent recoveries of certain surrogate compounds and King County has empirically-derived control limits for certain compounds as well. These control limits are shown in the sections pertaining to the specific organic analyses.

2.0 Conventionals

Conventional analytes included ammonia, nitrate + nitrite nitrogen, total nitrogen, total phosphorus, dissolved and total organic carbon, chemical oxygen demand, chloride, total alkalinity, and total and volatile suspended solids. LIMS batch and analytical QC reports for conventional analyses are included as Attachment A to this memorandum.

2.1 Ammonia and Nitrate + Nitrite Nitrogen

Twenty-six water samples were submitted for analysis of ammonia by Standard Method SM4500-NH3-G (automated phenate method) and nitrate + nitrite nitrogen by Standard Method SM4500-NO3-F (automated cadmium reduction method). The analytical methodology for

ammonia was changed, effective January 1, 2009, to a fluorometric method (Kerouel & Aminot 1997). The samples were batched into the eight QC work groups shown in Table 3. Each work group included analysis of a minimum of five QC samples; method blanks, spike blanks, laboratory control samples, matrix spikes, and laboratory duplicates.

Table 3 – Ammonia and Nitrate + Nitrite Nitrogen Work Groups and QC Samples

Work Group	Samples	MB	SB	LCS	MS	LD
WG93109	L43790-1	✓	✓	✓	✓	✓
WG93637	L43913-1, L43913-2	✓	✓	✓	✓	✓
WG94576	L44133-1, L44133-2, L44133-3, L44133-4	✓	✓	✓	✓	✓
WG96947	L44912-6	✓	✓	✓	✓	✓
WG98175	L45811-1, L45811-3, L45811-6	✓	✓	✓	✓	✓
WG99559	L46418-3, L46418-6, L46918-1, L46918-3, L46918-5, L46918-6	✓	✓	✓	✓	✓
WG100322	L47190-2, L47190-4	✓	✓	✓	✓	✓
WG101410	L47597-2, L47597-3, L47597-4, L47597-5, L47834-1, L47834-2, L47834-3	✓	✓	✓	✓	✓

2.1.1 Holding Time

The holding time for ammonia and nitrate + nitrite nitrogen includes a 24-hour requirement for filtration after sample collection, prior to freezing of the sample. All 26 ammonia and nitrate + nitrite nitrogen samples were analyzed within the prescribed 14-day holding time, however, the filtration holding time was not met for one sample. As a result, ammonia and nitrate + nitrite nitrogen results for sample L45811-1 should be qualified with a “J” flag, with an unknown bias.

2.1.2 Method Blanks

Ammonia was detected in both method blanks associated with work group WG101410 at concentrations of 0.0138 and 0.0155 mg/L. Ammonia concentrations in the samples associated with this work group, however, were all greater than five times the concentration detected in the method blank. Therefore, ammonia results for these samples may be used as reported. Ammonia results in the remaining nine work groups and nitrate + nitrite nitrogen results in the method blanks associated with all 10 work groups were all less than the MDL.

2.1.3 Spike Blanks

The spike blank recoveries for ammonia and nitrate + nitrite nitrogen in each of the 10 work groups were all within the laboratory QC limits of 80 to 120%.

2.1.4 Laboratory Control Samples

Ammonia and nitrate + nitrite nitrogen recoveries in the laboratory control samples associated with each of the 10 work groups were all within the 85 to 115% QC limits.

2.1.5 Matrix Spikes

Ammonia and nitrate + nitrite nitrogen matrix spike recoveries in each of the 10 work groups were all within the 75 to 125% QC limits.

2.1.6 Laboratory Duplicates

The relative percent differences between ammonia and nitrate + nitrite nitrogen laboratory duplicate results in each of the 10 work groups were all less than the 20% QC limit.

2.1.7 Ammonia and Nitrate +Nitrite Nitrogen Data Usability

As a general data reporting format, sample results that are reported as “less than the method detection limit” (<MDL) should be assigned a “U” flag in all cases. The ammonia and nitrate + nitrite nitrogen results for sample L45811-1 should be qualified with a “J” flag, with an unknown bias, due to exceedence of the filtration holding time. All other ammonia and nitrate + nitrite nitrogen carbon sample results may be used as reported, without qualification.

2.2 Total Nitrogen and Total Phosphorus

Twenty-six water samples were submitted for analysis of total nitrogen by Standard Method SM4500-N-C (persulfate method) and total phosphorus by Standard Method SM4500-P-B,F (ascorbic acid reduction method), both analyzed through use of auto-analyzer equipment. The samples were batched into the 10 QC work groups shown in Table 4. Each work group included analysis of a minimum of five QC samples; method blanks, spike blanks, laboratory control samples, matrix spikes, and laboratory duplicates.

Table 4 – Total Nitrogen and Total Phosphorus Work Groups and QC Samples

Work Group	Samples	MB	SB	LCS	MS	LD
WG93191	L43790-1	✓	✓	✓	✓	✓
WG93675	L43913-1, L43913-2	✓	✓	✓	✓	✓
WG94586	L44133-1, L44133-2, L44133-3, L44133-4	✓	✓	✓	✓	✓
WG94653	L44133-1, L44133-2, L44133-3, L44133-4	✓	✓	✓	✓	✓
WG97367	L44912-6	✓	✓	✓	✓	✓
WG98219	L45811-1, L45811-3, L45811-6	✓	✓	✓	✓	✓
WG99597	L46418-3, L46418-6, L46918-1, L46918-3, L46918-5, L46918-6	✓	✓	✓	✓	✓
WG100210	L47190-2, L47190-4	✓	✓	✓	✓	✓
WG101459	L47597-2, L47597-3, L47597-4, L47597-5	✓	✓	✓	✓	✓
WG101576	L47834-1, L47834-2, L47834-3	✓	✓	✓	✓	✓

2.2.1 Holding Time

All 26 total nitrogen and total phosphorus samples were analyzed within the prescribed 28-day holding time.

2.2.2 Method Blanks

Total nitrogen and total phosphorus results in the method blanks associated with all 10 work groups were all less than the MDL.

2.2.3 Spike Blanks

The spike blank recoveries for total nitrogen and total phosphorus in each of the 10 work groups were all within the laboratory QC limits of 80 to 120%.

2.2.4 Laboratory Control Samples

Total nitrogen and total phosphorus recoveries in the laboratory control samples associated with each of the 10 work groups were all within the 85 to 115% QC limits, with one exception. The total nitrogen recovery of 81% in one of the laboratory control samples associated with work group WG98219 was less than the lower QC limit of 85%. Two other laboratory control samples were analyzed with this work group, however, and total nitrogen recoveries in both of those laboratory control samples were within the 85 to 115% QC limits. As a result, associated sample data for total nitrogen will not be qualified based on laboratory control sample results.

2.2.5 Matrix Spikes

Total nitrogen and total phosphorus matrix spike recoveries in each of the 10 work groups were all within the 75 to 125% QC limits.

2.2.6 Laboratory Duplicates

The relative percent differences between total nitrogen and total phosphorus laboratory duplicate results in each of the 10 work groups were all less than the 20% QC limit.

2.2.7 Total Nitrogen and Total Phosphorus Data Usability

As a general data reporting format, sample results that are reported as “less than the method detection limit” (<MDL) should be assigned a “U” flag in all cases. All other total nitrogen and total phosphorus sample results may be used as reported, without qualification.

2.3 Dissolved and Total Organic Carbon

Twenty-eight water samples were submitted for analysis of dissolved and total organic carbon by Standard Method SM5310-B, which is a high-temperature combustion/infrared detection method. The samples were batched into the 10 QC work groups shown in Table 5. Each work group included analysis of a minimum of five QC samples; method blanks, spike blanks, laboratory control samples, matrix spikes, and laboratory duplicates.

Table 5 – Dissolved and Total Organic Carbon Work Groups and QC Samples

Work Group	Samples	MB	SB	LCS	MS	LD
WG93193	L43790-1	✓	✓	✓	✓	✓
WG93614	L43913-1, L43913-2	✓	✓	✓	✓	✓
WG94890	L44110-2, L44133-1, L44133-2, L44133-1, L44133-4	✓	✓	✓	✓	✓
WG94892	L44110-1, L44110-2, L44133-1, L44133-2, L44133-3, L44133-4	✓	✓	✓	✓	✓
WG96894	L44912-6	✓	✓	✓	✓	✓
WG98181	L45811-1, L45811-3, L45811-6	✓	✓	✓	✓	✓
WG99679	L46418-3, L46418-6, L46918-1, L46918-3, L46918-5, L46918-6, L46918-8	✓	✓	✓	✓	✓
WG100276	L47190-2, L47190-4	✓	✓	✓	✓	✓
WG101499	L47597-2, L47597-3, L47597-4, L47597-5	✓	✓	✓	✓	✓
WG101720	L47834-1, L47834-2, L47834-3, L47834-4	✓	✓	✓	✓	✓

2.3.1 Holding Time

All 28 dissolved and total organic carbon samples were analyzed within the prescribed 28-day holding time, however, the 24-hour filtration holding time was not met for one dissolved organic carbon sample. As a result, dissolved organic carbon results for sample L45811-1 should be qualified with a “J” flag, with an unknown bias.

2.3.2 Method Blanks

Dissolved and total organic carbon results in the method blanks associated with all 10 work groups were all less than the MDL.

2.3.3 Spike Blanks

The spike blank recoveries for dissolved and total organic carbon in each of the 10 work groups were all within the laboratory QC limits of 80 to 120%.

2.3.4 Laboratory Control Samples

Dissolved and total organic carbon recoveries in the laboratory control samples associated with each of the 10 work groups were all within the 85 to 115% QC limits.

2.3.5 Matrix Spikes

Dissolved and total organic carbon matrix spike recoveries in each of the 10 work groups were all within the 75 to 125% QC limits.

2.3.6 Laboratory Duplicates

The relative percent differences between dissolved and total organic carbon laboratory duplicate results in each of the 10 work groups were all less than the 20% QC limit.

2.3.7 Dissolved and Total Organic Carbon Data Usability

As a general data reporting format, sample results that are reported as “less than the method detection limit” (<MDL) should be assigned a “U” flag in all cases. The dissolved organic carbon result for sample L45811-1 should be qualified with a “J” flag, with an unknown bias, due to exceedence of the filtration holding time. All other dissolved and total organic carbon sample results may be used as reported, without qualification.

2.4 Chemical Oxygen Demand

Twenty-six water samples were submitted for analysis of chemical oxygen demand by Standard Method SM5220-D, which is a colorimetric method. The samples were batched into the eight QC work groups shown in Table 6. Each work group included analysis of a minimum of five QC samples; method blanks, spike blanks, laboratory control samples, matrix spikes, and laboratory duplicates.

Table 6 – Chemical Oxygen Demand Work Groups and QC Samples

Work Group	Samples	MB	SB	LCS	MS	LD
WG93511	L43790-1	✓	✓	✓	✓	✓
WG93738	L43913-1, L43913-2	✓	✓	✓	✓	✓
WG94663	L44133-1, L44133-2, L44133-3, L44133-4	✓	✓	✓	✓	✓
WG97077	L44912-6	✓	✓	✓	✓	✓
WG98296	L45811-1, L45811-3, L45811-6	✓	✓	✓	✓	✓
WG99708	L46418-3, L46418-6, L46918-1, L46918-3, L46918-5, L46918-6	✓	✓	✓	✓	✓
WG100242	L47190-2, L47190-4	✓	✓	✓	✓	✓
WG101583	L47597-2, L47597-3, L47597-4, L47597-5, L47834-1, WG47834-2, L47834-3	✓	✓	✓	✓	✓

2.4.1 Holding Time

All 26 chemical oxygen demand samples were analyzed within the prescribed 28-day holding time.

2.4.2 Method Blanks

Chemical oxygen demand results in the method blanks associated with all eight work groups were all less than the MDL.

2.4.3 Spike Blanks

The spike blank recoveries for chemical oxygen demand in each of the eight work groups were all within the laboratory QC limits of 80 to 120%.

2.4.4 Laboratory Control Samples

Chemical oxygen demand recoveries in the laboratory control samples associated with each of the eight work groups were all within the 85 to 115% QC limits.

2.4.5 Matrix Spikes

Chemical oxygen demand matrix spike recoveries in each of the eight work groups were all within the 75 to 125% QC limits.

2.4.6 Laboratory Duplicates

The relative percent differences between chemical oxygen demand laboratory duplicate results in each of the eight work groups were all less than the 25% QC limit.

2.4.7 Chemical Oxygen Demand Data Usability

As a general data reporting format, sample results that are reported as “less than the method detection limit” (<MDL) should be assigned a “U” flag in all cases. A data anomaly form was completed for sample L43913-2, indicating that chloride and ammonia levels measured in the sample could interfere with the chemical oxygen demand analysis, resulting in an estimated chemical oxygen demand sample result. The chemical oxygen demand result for sample L43913-2 should be qualified with a “J” flag, with an unknown bias. All other chemical oxygen demand sample results may be used as reported, without qualification.

2.5 Chloride

Nineteen water samples were submitted for analysis of chloride by ion chromatography following Standard Method SM4110-B(CL). The samples were batched into the six QC work groups shown in Table 7. Each work group included analysis of a minimum of five QC samples; method blanks, spike blanks, laboratory control samples, matrix spikes, and laboratory duplicates.

Table 7 – Chloride Work Groups and QC Samples

Work Group	Samples	MB	SB	LCS	MS	LD
WG96993	L44912-6	✓	✓	✓	✓	✓
WG98208	L45811-1, L45811-3, L45811-6	✓	✓	✓	✓	✓
WG99616	L46418-3, L46418-6, L46918-1, L46918-3, L46918-5, L46918-6	✓	✓	✓	✓	✓
WG100253	L47190-2, L47190-4	✓	✓	✓	✓	✓
WG101565	L47597-2, L47597-3, L47597-4, L47597-5	✓	✓	✓	✓	✓
WG101789	L47834-1, WG47834-2, L47834-3	✓	✓	✓	✓	✓

2.5.1 Holding Time

All 26 chloride samples were analyzed within the prescribed 28-day holding time.

2.5.2 Method Blanks

Chloride results in the method blanks associated with all six work groups were all less than the MDL.

2.5.3 Spike Blanks

The spike blank recoveries for chloride in each of the six work groups were all within the laboratory QC limits of 80 to 120%.

2.5.4 Laboratory Control Samples

Chloride recoveries in the laboratory control samples associated with each of the six work groups were all within the 85 to 115% QC limits.

2.5.5 Matrix Spikes

Chloride matrix spike recoveries in each of the six work groups were all within the 75 to 125% QC limits.

2.5.6 Laboratory Duplicates

The relative percent differences between chloride laboratory duplicate results in each of the six work groups were all less than the 20% QC limit.

2.5.7 Chloride Data Usability

As a general data reporting format, sample results that are reported as “less than the method detection limit” (<MDL) should be assigned a “U” flag in all cases. All other chloride sample results may be used as reported, without qualification.

2.6 Total Alkalinity

Twenty-five water samples were submitted for analysis of total alkalinity by titration following Standard Method SM2320-B. The samples were batched into the 10 QC work groups shown in Table 8. Each work group included analysis of a minimum of two QC samples; laboratory control samples and laboratory duplicates.

Table 8 – Total Alkalinity Work Groups and QC Samples

Work Group	Samples	LCS	LD
WG93627	L43913-1, L43913-2	✓	✓
WG94715	L44133-1, L44133-2, L44133-3, L44133-4	✓	✓
WG97043	L44912-6	✓	✓
WG98187	L45811-1, L45811-3, L45811-6	✓	✓
WG99462	L46418-3, L46418-6	✓	✓
WG99567	L46918-1, L46918-3, L46918-5, L46918-6	✓	✓
WG100182	L47190-2, L47190-4	✓	✓
WG101482	L47597-2, L47597-5	✓	✓
WG101773	L47834-1, WG47834-2, L47834-3	✓	✓
WG102183	L47597-3, L47597-4	✓	✓

2.6.1 Holding Time

All 25 total alkalinity samples were analyzed within the prescribed 14-day holding time.

2.6.2 Laboratory Control Samples

Total alkalinity recoveries in the laboratory control samples associated with all 10 work groups were all within the 90 to 110% QC limits.

2.6.3 Laboratory Duplicates

The relative percent differences between total alkalinity laboratory duplicate results in all 10 workgroups were all less than the 10% QC limits.

2.6.4 Alkalinity Data Usability

As a general data reporting format, sample results that are reported as “less than the method detection limit” (<MDL) should be assigned a “U” flag in all cases. All other total alkalinity sample results may be used as reported, without qualification.

2.7 Total and Volatile Suspended Solids

Twenty-eight water samples were submitted for analysis of total and volatile suspended solids by gravimetric determination following Standard Method SM2540-D. The samples were batched into the nine QC work groups shown in Table 9. Each work group included analysis of a minimum of three QC samples; method blanks, laboratory control samples, and laboratory duplicates.

Table 9 – Total and Volatile Suspended Solids Work Groups and QC Samples

Work Group	Samples	MB	LCS	LD
WG93314	L43790-1	✓	✓	✓
WG93652	L43913-1, L43913-2	✓	✓	✓
WG94603	L44133-1, L44133-2, L44133-3, L44133-4	✓	✓	✓
WG96944	L44912-6	✓	✓	✓
WG98195	L45811-1, L45811-3, L45811-6	✓	✓	✓
WG99521	L46418-3, L46418-6, L46918-1, L46918-3, L46918-5, L46918-6, L46918-8	✓	✓	✓
WG100141	L47190-2, L47190-4	✓	✓	✓
WG101418	L47597-2, L47597-3, L47597-4, L47597-5	✓	✓	✓
WG101589	L47834-1, L47834-2, L47834-3, L47834-4	✓	✓	✓

2.7.1 Holding Time

All 28 total and volatile suspended solids samples were analyzed within the prescribed 7-day holding time.

2.7.2 Method Blanks

Total and volatile suspended solids results in the method blanks associated with all nine work groups were all less than the MDL.

2.7.3 Laboratory Control Samples

Total and volatile suspended solids recoveries in the laboratory control samples associated with all nine work groups were all within the 80 to 120% QC limits.

2.7.4 Laboratory Duplicates

The relative percent differences between total and volatile suspended solids laboratory duplicate results in all nine work groups were all less than the 25% QC limits.

2.7.5 Total and Volatile Suspended Solids Data Usability

As a general data reporting format, sample results that are reported as “less than the method detection limit” (<MDL) should be assigned a “U” flag in all cases. All other total and volatile suspended solids sample results may be used as reported, without qualification.

3.0 Trace Metals

Analysis of trace metals included dissolved and total mercury and the dissolved and total fractions of the following metals; antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, copper, lead, magnesium, manganese, nickel, selenium, silver, thallium, and zinc. LIMS batch and analytical QC reports for trace metals analyses are included as Attachment B to this memorandum.

3.1 Dissolved Mercury

Fifteen water samples were submitted for analysis of dissolved mercury by cold vapor atomic absorption spectroscopy (CVAA) following EPA Method 245.1 (EPA 1994a). The samples were batched into the five QC work groups shown in Table 10. Each work group included analysis of a minimum of four QC samples; method blanks, spike blanks, matrix spikes, and matrix spike duplicates.

Table 10 - Dissolved Mercury Work Groups and QC Samples

Work Group	Samples	MB	SB	MS	MSD
WG99525	L46418-3, L46418-6	✓	✓	✓	✓
WG99626	L46918-1, L46918-3, L46918-5, L46918-6	✓	✓	✓	✓
WG100280	L47190-2, L47190-4	✓	✓	✓	✓
WG101388	L47597-2, L47597-3, L47597-4, L47597-5	✓	✓	✓	✓
WG102095	L47834-1, L47834-2, L47834-3	✓	✓	✓	✓

3.1.1 Holding Time

All 15 dissolved mercury samples were analyzed within the prescribed 28-day holding time.

3.1.2 Method Blanks

Dissolved mercury results in the method blanks associated with the five work groups were all less than the MDL.

3.1.3 Spike Blanks

The spike blank recovery for dissolved mercury in each of the five work groups was within the laboratory QC limits of 85 to 115%.

3.1.4 Matrix Spikes and Matrix Spike Duplicates

Matrix spike recovery QC limits for dissolved mercury were changed from 70 – 130% to 75 – 125%, effective January 1, 2009. Matrix spike recoveries for those samples analyzed prior to January 1, 2009 met the more-stringent QC limits as did samples analyzed after that date. Matrix spike and matrix spike duplicate recoveries for dissolved mercury in each of the five work groups were within these QC limits. The relative percent difference between matrix spike and matrix spike duplicate results for each of the five work groups was below the QC limit of 20%.

3.1.5 Dissolved Mercury Data Usability

As a general data reporting format, sample results that are reported as “less than the method detection limit” (<MDL) should be assigned a “U” flag in all cases. Those dissolved mercury sample results that are reported as “less than the reporting detection limit” (<RDL) should be assigned a “J” flag and considered estimated. All other sample results for dissolved mercury in these five work groups may be used as reported, without qualification.

3.2 Total Mercury

Thirty water samples were submitted for analysis of total mercury by cold vapor atomic absorption spectroscopy (CVAA) following EPA Method 245.1 (EPA 1994a). The samples were batched into the 12 QC work groups shown in Table 11. Each work group included analysis of a minimum of four QC samples; method blanks, spike blanks, matrix spikes, and matrix spike duplicates.

Table 11 - Total Mercury Work Groups and QC Samples

Work Group	Samples	MB	SB	MS	MSD
WG93332	L43790-1	✓	✓	✓	✓
WG93887	L43913-1, L43913-2	✓	✓	✓	✓
WG94158	L44132-1	✓	✓	✓	✓
WG94581	L44133-1, L44133-2, L44133-3, L44133-4	✓	✓	✓	✓
WG95298	L44913-1	✓	✓	✓	✓
WG97063	L44912-6, L45805-1	✓	✓	✓	✓
WG98279	L45811-1, L45811-3, L45811-6	✓	✓	✓	✓
WG99524	L46418-3, L46418-6	✓	✓	✓	✓
WG99625	L46918-1, L46918-3, L46918-5, L46918-6	✓	✓	✓	✓
WG100281	L47190-2, L47190-4	✓	✓	✓	✓
WG101387	L47597-2, L47597-3, L47597-4, L47597-5	✓	✓	✓	✓
WG102096	L47834-1, L47834-2, L47834-3, L47834-4	✓	✓	✓	✓

3.2.1 Holding Time

All 30 total mercury samples were analyzed within the prescribed 28-day holding time.

3.2.2 Method Blanks

Total mercury results in the method blanks associated with the 12 work groups were all less than the MDL.

3.1.3 Spike Blanks

The spike blank recovery for total mercury in each of the 12 work groups was within the laboratory QC limits of 85 to 115%.

3.1.4 Matrix Spikes and Matrix Spike Duplicates

Matrix spike recovery QC limits for total mercury were changed from 70 – 130% to 75 – 125%, effective January 1, 2009. Matrix spike recoveries for those samples analyzed prior to January 1, 2009 met the more-stringent QC limits as did samples analyzed after that date. Matrix spike and matrix spike duplicate recoveries for total mercury in each of the 12 work groups met these QC limits. The relative percent difference between matrix spike and matrix spike duplicate results for each of the 12 work groups was below the QC limit of 20%.

3.1.5 Total Mercury Data Usability

As a general data reporting format, sample results that are reported as “less than the method detection limit” (<MDL) should be assigned a “U” flag in all cases. Those total mercury sample results that are reported as “less than the reporting detection limit” (<RDL) should be assigned a “J” flag and considered estimated. All other sample results for total mercury in these 12 work groups may be used as reported, without qualification.

3.3 Dissolved Metals

Twenty-one water samples were submitted for analysis of dissolved metals by inductively coupled plasma mass spectroscopy (ICP-MS) following EPA Method 200.8 (EPA 1994b). The samples were batched into the five QC work groups shown in Table 12. Each work group included analysis of a minimum of four QC samples; method blanks, spike blanks, matrix spikes, and laboratory duplicates.

Table 12 – Dissolved Metals Work Groups and QC Samples

Work Group	Samples	MB	SB	MS	LD
WG94893	L44133-2, L44133-3, L44133-4	✓	✓	✓	✓
WG98636	L45811-1, L45811-3, L45811-6	✓	✓	✓	✓
WG99854	L46418-3, L46418-6, L46918-1, L46918-3, L46918-5, L46918-6	✓	✓	✓	✓
WG100512	L47190-2, L47190-4	✓	✓	✓	✓
WG101779	L47597-2, L47597-3, L47597-4, L47597-5, L47834-1, L47834-2, L47834-3	✓	✓	✓	✓

3.3.1 Holding Time

All 21 dissolved metals samples were analyzed within the prescribed 6-month holding time.

3.3.2 Method Blanks

Results for the target dissolved metals in the method blanks associated with four of the five work groups were all less than the MDL. Calcium was detected in two filter method blanks associated with work group WG99854 at concentrations of 30 and 24 µg/L. Calcium results in the six samples associated with this work group, however, were all greater than five times the highest method blank concentration. As a result, calcium results for samples in this work group may be used as reported.

3.3.3 Spike Blanks

Spike blank recoveries for all target dissolved metals in each of the five work groups were within the laboratory QC limits of 85 to 115%.

3.3.4 Matrix Spikes

Matrix spike recovery QC limits for dissolved metals analyzed by ICP-MS were changed from 70 – 130% to 75 – 125%, effective January 1, 2009. With one exception, matrix spike recoveries for those samples analyzed prior to January 1, 2009 met the more-stringent QC limits as did samples analyzed after that date. The matrix spike recovery of 155% for dissolved arsenic in work group WG99854 exceeded the upper control limit of 125%. A post-digestion spike was analyzed on a serially-diluted sample, which also exceeded the upper QC control limit for arsenic. A third matrix spike was performed on a different sample from the same work group. The arsenic recovery in the third matrix spike was within QC limits, indicating that potential interference to arsenic performance was limited to the first sample spiked. As a result, the dissolved arsenic result for sample L46918-3 should be qualified with a “J” flag with bias considered high.

3.3.5 Laboratory Duplicates

Relative percent differences for all target dissolved metals in the laboratory duplicates performed with each of the five work groups were less than the 20% QC limit.

3.3.6 Dissolved Metals Data Usability

As a general data reporting format, sample results that are reported as “less than the method detection limit” (<MDL) should be assigned a “U” flag in all cases. Those dissolved metals sample results that are reported as “less than the reporting detection limit” (<RDL) should be assigned a “J” flag and considered estimated. All other sample results for dissolved metals in these five work groups may be used as reported, without qualification, with the following exception: the arsenic result for sample L46918-3 should be qualified with a “J” flag (high bias) due to the matrix spike recovery that exceeded the upper control limit.

3.4 Total Metals

Thirty-two water samples were submitted for analysis of total metals by inductively coupled plasma mass spectroscopy (ICP-MS) following EPA Method 200.8 (EPA 1994b). The samples were batched into the 12 QC work groups shown in Table 13. Each work group included analysis of a minimum of four QC samples; method blanks, spike blanks, matrix spikes, and laboratory duplicates.

Table 13 – Total Metals Work Groups and QC Samples

Work Group	Samples	MB	SB	MS	LD
WG91964	L42798-1	✓	✓	✓	✓
WG93225	L43790-1	✓	✓	✓	✓
WG93352	L43912-1	✓	✓	✓	✓
WG93688	L43913-1, L43913-2	✓	✓	✓	✓
WG93995	L44132-1	✓	✓	✓	✓
WG94858	L44133-1, L44133-2, L44133-3, L44133-4	✓	✓	✓	✓
WG95248	L44913-1	✓	✓	✓	✓
WG96974	L44912-6, L45805-1	✓	✓	✓	✓
WG98609	L45811-1, L45811-3, L45811-6	✓	✓	✓	✓
WG99766	L46418-3, L46418-6, L46918-1, L46918-3, L46918-5, L46918-6	✓	✓	✓	✓
WG100214	L47190-2, L47190-4	✓	✓	✓	✓
WG101567	L47834-1, L47834-2, L47834-3, L47834-4	✓	✓	✓	✓
WG101679	L47597-2, L47597-3, L47597-4, L47597-5	✓	✓	✓	✓

3.4.1 Holding Time

All 32 total metals samples were analyzed within the prescribed 6-month holding time.

3.4.2 Method Blanks

Results for all target total metals in the method blanks associated with 12 of the 13 work groups were less than the MDL. Barium, iron, manganese, and zinc were detected in the method blank associated with work group WG99766 at concentrations of 0.20, 13.8, 0.23, and 0.57 µg/L, respectively. Results for these metals in the six samples associated with this work group, however, were all greater than five times the method blank concentration. As a result, total barium, iron, manganese, and zinc results for samples in this work group may be used as reported.

3.4.3 Spike Blanks

Spike blank recoveries for target total metals in each of the 13 work groups were all within the laboratory QC limits of 85 to 115%.

3.4.4 Matrix Spikes

Matrix spike recovery QC limits for total metals analyzed by ICP-MS were changed from 70 – 130% to 75 – 125%, effective January 1, 2009. Matrix spike recoveries for those samples analyzed prior to January 1, 2009 met the more-stringent QC limits as did samples analyzed after that date. Matrix spike recoveries for all total metals in each of the 13 work groups met these QC limits.

3.4.5 Laboratory Duplicates

Relative percent differences for all target metals in the laboratory duplicates performed with each of the 13 work groups were less than the 20% QC limit.

3.4.6 Total Metals Data Usability

As a general data reporting format, sample results that are reported as “less than the method detection limit” (<MDL) should be assigned a “U” flag in all cases. Those total metals sample results that are reported as “less than the reporting detection limit” (<RDL) should be assigned a “J” flag and considered estimated. All other sample results for total metals in these 13 work groups may be used as reported, without qualification.

4.0 Trace Organics

Analysis of trace organics included chlorinated pesticides and semivolatile organic compounds. LIMS batch and analytical QC reports for trace organics analyses are included as Attachment C to this memorandum. Validation of PCB congener data is reported in separation memoranda.

4.1 Chlorinated Pesticides

Seven water samples were submitted for analysis of chlorinated pesticides by gas chromatography with electron capture detector (GC-ECD) following EPA Methods 3520C/8081B – SW846 (EPA 1995). The samples were batched into the three QC work groups shown in Table 14. Each work group included analysis of four QC samples; method blanks, spike blanks, matrix spikes, and laboratory duplicates. In addition, the analysis of surrogates was performed with each sample, including QC samples.

Table 14 – Chlorinated Pesticides Work Groups and QC Samples

Work Group	Samples	MB	SB	MS	MSD
WG100167	L47190-2	✓	✓	✓	✓
WG101393	L47597-3, L47597-4, L47597-5	✓	✓	✓	✓
WG101546	L47834-1, L47834-2, L47834-3	✓	✓	✓	✓

4.1.1 Holding Time

All seven chlorinated pesticide samples were analyzed within the prescribed holding time of holding time of 7 days until extraction and, then, 40 days until analysis.

4.1.2 Method Blanks

Results for all target pesticide analytes in the method blanks associated with all three work groups were less than the MDL.

4.1.3 Spike Blanks

A partial, representative analyte list is used for spike blanks during chlorinated pesticide analysis and includes the following compounds; 4,4'-DDT, Aldrin, Dieldrin, Endrin, Gamma-BHC (Lindane), and Heptachlor. Spike blank recoveries for these six compounds were within empirically-derived QC limits for two of the three work groups, indicating acceptable method precision. Recoveries for 4,4'-DDT and Gamma-BHC were below the lower QC limit in the spike blank associated with work group WG100167. Neither of these compounds was detected in sample L47190-2 and the sample results for 4,4'-DDT and Gamma-BHC should be qualified with a "UJ" flag, with bias considered low. Spike blank recoveries for the other four chlorinated pesticide compounds in work group WG100167 were within QC limits.

4.1.4 Matrix Spikes and Matrix Spike Duplicates

The same six compounds used in the analysis of spike blanks were also used for matrix spikes. Recoveries for all six compounds were within the empirically-derived QC limits in both the matrix spike and matrix spike duplicate associated with all three work groups. The relative percent difference between the matrix spike and matrix spike duplicate results was also within QC limits for each of the three work groups.

4.1.5 Surrogates

Two surrogates are included as part of chlorinated pesticide analysis; decachlorobiphenyl and 2,4,5,6-Tetrachloro-m-xylene. *National Functional Guidelines* provide recommended QC limits for surrogate recoveries of these compounds and the King County Environmental laboratory has empirically derived QC limits – both are shown in the Table 15.

Table 15 – Surrogate Recovery QC Limits for Chlorinated Pesticide Analysis

Compound	King County Environmental Lab Recovery Limits	National Functional Guidelines Quality Control Recovery Limits
2,4,5,6-Tetrachloro-m-xylene	10 – 118	30 – 150
Decachlorobiphenyl	12 – 158	30 – 150

Recoveries for both surrogates in all analytical samples and all QC samples were within the empirically-derived control limits as well as the control limits recommended in *National Functional Guidelines*.

4.1.6 Chlorinated Pesticide Data Usability

As a general data reporting format, sample results that are reported as "less than the method detection limit" (<MDL) should be assigned a "U" flag in all cases. All other chlorinated pesticide results for the samples included in these three work groups may be used as reported, without qualification, with the following exceptions: 4,4'-DDT and Gamma-BHC (Lindane) results in sample L47190-2 should be qualified with a "UJ" flag (low bias) due to spike blank recoveries below the lower QC limit.

4.2 Semivolatile Organic Compounds

Thirty-one water samples were submitted for analysis of semivolatile organic compounds by gas chromatography with mass spectroscopy (GC-MS) following EPA Methods 3520C/8270C/D – SW846 (EPA 1995). The samples were batched into the 18 QC work groups shown in Table 16. Three of the work groups (denoted with a "c" suffix in Table 16) were analyzed for the complete suite of 73 base/neutral/acid semivolatile compounds. The remainder of the work groups were

analyzed for a truncated list of semivolatile organic compounds ranging from 23 to 34 compounds (denoted a, b, or d).

Routine quality control for this type of trace organic analysis usually includes four QC samples; method blanks, spike blanks, matrix spikes, and matrix spike duplicates. These four QC samples were analyzed with 8 of the 17 work groups. Four of the work groups substituted analysis of a spike blank duplicate for the matrix spike/spike duplicate analysis. This substitution provides acceptable accuracy and precision information on a sample-batch basis, however, does not provide this information on a matrix-specific basis. One of the work groups included analysis only of a method blank, however, the single sample included in this work group was a field blank sample. Four of the work groups included analysis of only a method blank and spike blank. Two of these four work groups, however, were associated with another work group in the same QC sample preparation batch for which matrix spikes and matrix spike duplicates were analyzed. Two work groups, WG101538 and WG101544, are not associated with other work groups in similar QC sample preparation batches and, as such, do not have sufficient quality control information to assess method precision. The analysis of surrogates was performed with each sample, including QC samples. For those samples on which a full suite of semivolatile organic compounds was analyzed, eight surrogates were employed. For those samples on which a truncated list of semivolatile organic compounds was analyzed, two surrogates were employed.

Table 16 – Semivolatile Organic Compounds Work Groups and QC Samples

Work Group	Samples	MB	SB	SBD	MS	MSD
WG91709 ^b	L42798-1	✓	✓	✓*	n/a	n/a
WG93287 ^a	L43790-1	✓	✓	✓	n/a	n/a
WG93373 ^a	L43912-1	✓	✓	n/a	✓	✓
WG93671 ^a	L43913-1	✓	✓	n/a	✓	✓
WG94009 ^a	L44132-1	✓	✓	✓	n/a	n/a
WG94585 ^a	L44133-1, L44133-2, L44133-3, L44133-4	✓	✓	n/a	✓	✓
WG95250 ^a	L44913-1	✓	✓	✓	n/a	n/a
WG96892 ^b	L44912-6	✓	✓	✓	n/a	n/a
WG96925 ^b	L45805-1	✓	n/a	n/a	n/a	n/a
WG98198 ^a	L45811-1, L45811-3, L45811-6	✓	✓	n/a	✓	✓
WG99452 ^a	L46418-3, L46418-6	✓	✓	n/a	✓	✓
WG99555 ^a	L46918-1, L46918-3, L46918-5, L46918-6	✓	✓	n/a	✓	✓
WG100162 ^c	L47190-2	✓	✓	n/a	n/a	n/a
WG100164 ^d	L47190-4	✓	✓	n/a	✓	✓
WG101390 ^d	L47597-2	✓	✓	n/a	✓	✓
WG101391 ^c	L47597-3, L47597-4, L47597-5	✓	✓	n/a	n/a	n/a
WG101538 ^d	L47834-4	✓	✓	n/a	n/a	n/a
WG101544 ^c	L47834-1, L47834-2, L47834-3	✓	✓	n/a	n/a	n/a

^aSemivolatile organic compound target analyte list comprised of 32 compounds.

^bSemivolatile organic compound target analyte list comprised of 23 compounds.

^cSemivolatile organic compound target analyte list comprised of 73 compounds.

^dSemivolatile organic compound target analyte list comprised of 34 compounds.

n/a – Not analyzed.

✓* – Laboratory duplicate analyzed instead of spike blank duplicate.

4.2.1 Holding Time

All semivolatile organic compound samples were analyzed within the prescribed holding time of 7 days until extraction and, then, 40 days until analysis.

4.2.2 Method Blanks

One or more semivolatile organic compounds were detected in every method blank. These compounds were all phthalates or bis(2-ethylhexyl)adipate, another plasticizer. Affected samples and their data qualification flagging issues are summarized in the spreadsheet included as Attachment D to this memorandum. As a general rule, sample results for those compounds detected in method blanks were qualified with a “U” flag if a detected value of the compound was less than 10x the concentration detected in the method blank. Detected values greater than 10x the method blank concentration were either not qualified or qualified with a “J” flag, based on the sample value to method blank value ratio and professional judgment.

4.2.3 Spike Blanks/Spike Blank Duplicates

Spike blanks and spike blank duplicates were reviewed for their individual recoveries to assess accuracy as well as the relative percent difference between spike blank and spike blank duplicate results to assess precision. When spike blank recoveries or spike blank/spike blank duplicate relative percent differences were outside of QC limits, data for all samples included in the QC work group were qualified. Spike blank results generally caused the application of “J” flags to affected data points, however, 11 data points were rejected based on extremely low spike blank recoveries and one data point was rejected due to gross contamination indicated by an extremely high spike blank recovery. Spike blank and spike blank duplicate results, affected samples, and their data qualification flagging issues are summarized in the spreadsheet included as Attachment D to this memorandum.

4.2.4 Matrix Spike/Matrix Spike Duplicates

Matrix spike and matrix spike duplicates were reviewed for their individual recoveries to assess accuracy as well as the relative percent difference between matrix spike and matrix spike duplicate results to assess precision. When matrix spike recoveries or matrix spike/matrix spike duplicate relative percent differences were outside of QC limits, data for only the spiked sample were qualified. Matrix spike results generated the application of “J” flags to six data points – no data were rejected based on these QC results. Matrix spike and matrix spike duplicate results, affected samples, and their data qualification flagging issues are summarized in the spreadsheet included as Attachment D to this memorandum.

4.2.5 Surrogates

The King County Environmental Laboratory uses eight surrogate compounds during routine analysis of the full suite of semivolatile organic compounds. Four of these compounds are deuterated monitoring compounds (DMCs). Three of the DMCs are recommended in *National Functional Guidelines*. King County has empirically-derived laboratory QC control limits, which are shown in Table 17 and compared to the *National Functional Guidelines* recoveries for the three DMCs.

During analysis of the truncated semivolatile organic compound lists, the King County Environmental Laboratory analyzes only two of the surrogate compounds; 2-Fluorobiphenyl and d14-Terphenyl.

Table 17 – Surrogate Recovery QC Limits for Semivolatile Organic Compound Analysis

Compound	King County Environmental Lab Recovery Limits	National Functional Guidelines Quality Control Recovery Limits
2,4,6-Tribromophenol	10 – 123	--
2-Fluorobiphenyl	43 – 116	--
2-Fluorophenol	21 – 110	--
d14-Terphenyl	33 – 141	--
d4-1,2-Dichlorobenzene	16 – 110	--
d4-2-Chlorophenol	33 – 110	33 – 110
d5-Nitrobenzene	35 – 114	35 – 114
d5-Phenol	10 – 110	10 – 110

Surrogate recoveries in both analytical and QC samples were within the empirically-derived control limits as well as the control limits recommended in *National Functional Guidelines* with two exceptions. The recoveries of d5-Phenol in samples L47597-3 and L47597-4 were both greater than the upper QC limit. Associated sample results for the compound Phenol should be qualified with a “J” flag with bias considered high.

4.2.6 Semivolatile Organic Compound Data Usability

As a general data reporting format, sample results that are reported as “less than the method detection limit” (<MDL) should be assigned a “U” flag in all cases. Data qualification issues as a result of QC sample results, and required flagging, are summarized in the spreadsheet included as Attachment D to this memorandum. All semivolatile organic compound results for samples L47834-1, L47834-2, L47834-3, and L47834-4 should be qualified with either a “J” flag (detected values) or a “UJ” flag (non-detected results) and considered estimated, due to the lack of QC information regarding method precision. All other semivolatile organic compound results may be used as reported, without qualification.

5.0 References

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Should you have any questions regarding the information included in this memorandum, please contact the undersigned.

Sincerely,

Scott Mickelson
Senior Water Quality Project Manager
King County Department of Natural Resources and Parks
Marine and Sediment Assessment Group
206-296-8247
scott.mickelson@kingcounty.gov

Attachment A
Conventional Analyses
LIMS Batch Reports and Analytical QC Reports

LIMSView Batch Report - Ammonia and Nitrate + Nitrite Nitrogen

WG93109

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L43420-1	421581-90GW	CVNO23	GRND WTR	9/5/2007 10:45	6-Sep-07	6-Sep-07	
L43420-2	421581-90GW	CVNO23	GRND WTR	9/5/2007 10:00	6-Sep-07	6-Sep-07	
L43420-3	421581-90GW	CVNO23	GRND WTR	9/5/2007 12:15	6-Sep-07	6-Sep-07	
L43420-4	421581-90GW	CVNO23	GRND WTR	9/5/2007 13:15	6-Sep-07	6-Sep-07	
L43420-5	421581-90GW	CVORTHOP	GRND WTR	8/29/2007 10:00	30-Aug-07	5-Sep-07	
L43420-6	421581-90GW	CVNO23	GRND WTR	9/5/2007 15:45	6-Sep-07	6-Sep-07	
L43420-7	421581-90GW	CVNO23	GRND WTR	9/5/2007 16:15	6-Sep-07	6-Sep-07	
L43420-8	421581-90GW	CVORTHOP	GRND WTR	8/29/2007 11:00	30-Aug-07	5-Sep-07	
L43420-9	421581-90GW	CVNO23	GRND WTR	9/5/2007 14:15	6-Sep-07	6-Sep-07	
L43420-10	421581-90GW	CVNO23	GRND WTR	9/5/2007 14:45	6-Sep-07	6-Sep-07	
L43420-11	421581-90GW	CVNH3	GRND WTR	8/29/2007 12:30	30-Aug-07	5-Sep-07	
L43420-12	421581-90GW	CVNH3	GRND WTR	8/29/2007 14:30	30-Aug-07	5-Sep-07	
L43420-13	421581-90GW	CVNH3	GRND WTR	8/29/2007 12:45	30-Aug-07	5-Sep-07	FREP@L43420-11
L43420-14	421581-90GW	CVNH3	GRND WTR	8/29/2007 14:45	30-Aug-07	5-Sep-07	FREP@L43420-12
L43488-1	421581-90SR	CVNH3	FRESH WTR	8/29/2007 9:18	30-Aug-07	5-Sep-07	
L43488-2	421581-90SR	CVNH3	FRESH WTR	8/29/2007 10:10	30-Aug-07	5-Sep-07	
L43488-3	421581-90SR	CVNH3	FRESH WTR	8/29/2007 10:25	30-Aug-07	5-Sep-07	
L43488-4	421581-90SR	CVNH3	FRESH WTR	8/29/2007 11:08	30-Aug-07	5-Sep-07	
L43488-5	421581-90SR	CVNH3	FRESH WTR	8/29/2007 11:42	30-Aug-07	5-Sep-07	
L43488-6	421581-90SR	CVNH3	FRESH WTR	8/29/2007 11:59	30-Aug-07	5-Sep-07	
L43488-7	421581-90SR	CVNH3	FRESH WTR	8/29/2007 12:23	30-Aug-07	5-Sep-07	
L43488-8	421581-90SR	CVNH3	FRESH WTR	8/29/2007 8:25	30-Aug-07	5-Sep-07	
L43488-9	421581-90SR	CVNH3	FRESH WTR	8/29/2007 9:28	30-Aug-07	5-Sep-07	
L43488-10	421581-90SR	CVNH3	FRESH WTR	8/29/2007 10:40	30-Aug-07	5-Sep-07	
L43488-11	421581-90SR	CVNH3	FRESH WTR	8/29/2007 11:03	30-Aug-07	5-Sep-07	
L43488-12	421581-90SR	CVNH3	FRESH WTR	8/29/2007 11:32	30-Aug-07	5-Sep-07	
L43488-13	421581-90SR	CVNH3	FRESH WTR	8/29/2007 12:06	30-Aug-07	5-Sep-07	
L43488-14	421581-90SR	CVNH3	FRESH WTR	8/29/2007 12:46	30-Aug-07	5-Sep-07	
L43488-15	421581-90SR	CVNH3	FRESH WTR	8/29/2007 9:20	30-Aug-07	5-Sep-07	FREP @ L43488-1
L43790-1	423589-090-1	CVNO23	STORM WTR	9/4/2007 8:17	5-Sep-07	6-Sep-07	
WG93109-1	MB	CVNH3	BLANK WTR		30-Aug-07	5-Sep-07	MB1 070830
WG93109-2	SB	CVNH3	BLANK WTR		30-Aug-07	5-Sep-07	WG93109-1
WG93109-3	LCS	CVNH3	BLANK WTR		5-Sep-07	5-Sep-07	LEVEL1
WG93109-4	LD	CVNH3	FRESH WTR		30-Aug-07	5-Sep-07	L43488-1
WG93109-5	MS	CVNH3	FRESH WTR		30-Aug-07	5-Sep-07	L43488-1
WG93109-6	MB	CVNH3	BLANK WTR		30-Aug-07	5-Sep-07	MB2 070830
WG93109-7	LD	CVORTHOP	GRND WTR		30-Aug-07	5-Sep-07	L43420-5
WG93109-8	MS	CVORTHOP	GRND WTR		30-Aug-07	5-Sep-07	L43420-5
WG93109-9	LCS	CVNH3	BLANK WTR		5-Sep-07	5-Sep-07	LEVEL1
WG93109-10	LCS	CVNO23	BLANK WTR		6-Sep-07	6-Sep-07	LEVEL1
WG93109-11	MB	CVNO23	BLANK WTR		5-Sep-07	6-Sep-07	MB1 070905
WG93109-12	SB	CVNO23	BLANK WTR		5-Sep-07	6-Sep-07	WG93109-15
WG93109-13	LD	CVNO23	STORM WTR		5-Sep-07	6-Sep-07	L43790-1
WG93109-14	MS	CVNO23	STORM WTR		5-Sep-07	6-Sep-07	L43790-1

LIMSView Batch Report - Ammonia and Nitrate + Nitrite Nitrogen

WG93109-15	MB	CVNO23	BLANK WTR	6-Sep-07	6-Sep-07	MB1 070906
WG93109-16	LD	CVNO23	GRND WTR	6-Sep-07	6-Sep-07	L43420-1
WG93109-17	MS	CVNO23	GRND WTR	6-Sep-07	6-Sep-07	L43420-1
WG93109-18	LCS	CVNO23	BLANK WTR	6-Sep-07	6-Sep-07	LEVEL1
WG93109-19	LCS	CVNO23	BLANK WTR	6-Sep-07	6-Sep-07	LEVEL1

WG93637

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L43913-1	423589-090-1	CVNH3	STORM WTR	9/30/2007 7:27	1-Oct-07	2-Oct-07	
L43913-2	423589-090-1	CVNH3	STORM WTR	9/30/2007 14:10	1-Oct-07	2-Oct-07	
L44104-1	421169	CVNH3	SALT WTR	10/1/2007 0:00	1-Oct-07	2-Oct-07	
L44104-2	421169	CVNH3	SALT WTR	10/1/2007 0:00	1-Oct-07	2-Oct-07	
L44104-3	421169	CVNH3	SALT WTR	10/1/2007 0:00	1-Oct-07	3-Oct-07	
L44104-4	421169	CVNH3	SALT WTR	10/1/2007 0:00	1-Oct-07	3-Oct-07	
L44104-5	421169	CVNH3	SALT WTR	10/1/2007 0:00	1-Oct-07	2-Oct-07	
L44104-6	421169	CVNH3	SALT WTR	10/1/2007 0:00	1-Oct-07	3-Oct-07	
WG93637-1	MB	CVNH3	BLANK WTR		1-Oct-07	2-Oct-07	MB1 071001
WG93637-2	SB	CVNH3	BLANK WTR		1-Oct-07	2-Oct-07	WG93637-1
WG93637-3	LCS	CVNO23	BLANK WTR		2-Oct-07	2-Oct-07	LEVEL1
WG93637-4	LD	CVNH3	STORM WTR		1-Oct-07	2-Oct-07	L43913-1
WG93637-5	MS	CVNH3	STORM WTR		1-Oct-07	2-Oct-07	L43913-1
WG93637-6	MB	CVNH3	BLANK WTR		1-Oct-07	2-Oct-07	MB2 071001
WG93637-7	MB	CVNH3	BLANK WTR		1-Oct-07	2-Oct-07	MB3 071001
WG93637-8	LD	CVNH3	SALT WTR		1-Oct-07	2-Oct-07	L44104-1
WG93637-9	MS	CVNH3	SALT WTR		1-Oct-07	2-Oct-07	L44104-1
WG93637-10	LCS	CVNH3	BLANK WTR		2-Oct-07	2-Oct-07	LEVEL1
WG93586-10	LCS	CVNH3	BLANK WTR		3-Oct-07	3-Oct-07	LEVEL1

WG94576

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L42986-1	421240BA	CVNO23	STORM WTR	12/3/2007 9:35	3-Dec-07	4-Dec-07	
L42986-3	421240BA	CVNO23	STORM WTR	12/3/2007 11:20	3-Dec-07	4-Dec-07	
L42986-7	421240BA	CVNO23	STORM WTR	12/3/2007 14:00	3-Dec-07	4-Dec-07	
L42986-8	421240BA	CVNO23	STORM WTR	12/3/2007 14:39	3-Dec-07	4-Dec-07	
L42986-9	421240BA	CVNO23	STORM WTR	12/3/2007 15:20	3-Dec-07	4-Dec-07	
L42986-10	421240BA	CVNO23	STORM WTR	12/3/2007 15:30	3-Dec-07	4-Dec-07	
L42986-12	421240BA	CVNO23	BLANK WTR	12/3/2007 9:24	3-Dec-07	4-Dec-07	
L42987-1	421240BA	CVNO23	STORM WTR	12/3/2007 9:20	3-Dec-07	4-Dec-07	
L42987-2	421240BA	CVNO23	STORM WTR	12/3/2007 9:53	3-Dec-07	4-Dec-07	
L42987-3	421240BA	CVNO23	STORM WTR	12/3/2007 10:22	3-Dec-07	4-Dec-07	
L42987-4	421240BA	CVNO23	STORM WTR	12/3/2007 10:50	3-Dec-07	4-Dec-07	
L42987-5	421240BA	CVNO23	STORM WTR	12/3/2007 11:21	3-Dec-07	4-Dec-07	
L42987-6	421240BA	CVNO23	STORM WTR	12/3/2007 11:39	3-Dec-07	4-Dec-07	
L42987-7	421240BA	CVNO23	STORM WTR	12/3/2007 12:07	3-Dec-07	4-Dec-07	
L42987-8	421240BA	CVNO23	STORM WTR	12/3/2007 12:43	3-Dec-07	4-Dec-07	
L42987-9	421240BA	CVNO23	STORM WTR	12/3/2007 10:23	3-Dec-07	4-Dec-07	

LIMSView Batch Report - Ammonia and Nitrate + Nitrite Nitrogen

L42987-11	421240BA	CVNO23	BLANK WTR	12/3/2007 10:24	3-Dec-07	4-Dec-07	
L42988-1	421240BC	CVNO23	STORM WTR	12/3/2007 10:18	3-Dec-07	4-Dec-07	
L42988-2	421240BC	CVNO23	STORM WTR	12/3/2007 10:45	3-Dec-07	4-Dec-07	
L42988-3	421240BC	CVNO23	STORM WTR	12/3/2007 11:08	3-Dec-07	4-Dec-07	
L42988-4	421240BC	CVNO23	STORM WTR	12/3/2007 11:45	3-Dec-07	4-Dec-07	
L42988-5	421240BC	CVNO23	STORM WTR	12/3/2007 12:11	3-Dec-07	5-Dec-07	
L42988-6	421240BC	CVNO23	STORM WTR	12/3/2007 12:36	3-Dec-07	4-Dec-07	
L42988-7	421240BC	CVNO23	STORM WTR	12/3/2007 13:31	3-Dec-07	5-Dec-07	
L42988-8	421240BC	CVNO23	STORM WTR	12/3/2007 13:53	3-Dec-07	4-Dec-07	
L42988-9	421240BC	CVNO23	STORM WTR	12/3/2007 14:27	3-Dec-07	4-Dec-07	
L42988-10	421240BC	CVNO23	STORM WTR	12/3/2007 14:51	3-Dec-07	4-Dec-07	
L42988-11	421240BC	CVNO23	STORM WTR	12/3/2007 13:56	3-Dec-07	4-Dec-07	
L42988-13	421240BC	CVNO23	BLANK WTR	12/3/2007 15:00	3-Dec-07	4-Dec-07	
L42989-1	421240BB	CVNO23	STORM WTR	12/3/2007 9:55	3-Dec-07	4-Dec-07	
L42989-2	421240BB	CVNO23	STORM WTR	12/3/2007 10:40	3-Dec-07	4-Dec-07	
L42989-3	421240BB	CVNO23	STORM WTR	12/3/2007 11:11	3-Dec-07	4-Dec-07	
L42989-4	421240BB	CVNO23	STORM WTR	12/3/2007 11:42	3-Dec-07	4-Dec-07	
L42989-5	421240BB	CVNO23	STORM WTR	12/3/2007 12:06	3-Dec-07	4-Dec-07	
L42989-6	421240BB	CVNO23	STORM WTR	12/3/2007 12:18	3-Dec-07	4-Dec-07	
L42989-7	421240BB	CVNO23	STORM WTR	12/3/2007 12:58	3-Dec-07	5-Dec-07	
L42989-8	421240BB	CVNO23	STORM WTR	12/3/2007 13:48	3-Dec-07	4-Dec-07	
L42989-9	421240BB	CVORTHOP	STORM WTR	12/3/2007 14:33	3-Dec-07	4-Dec-07	
L42989-10	421240BB	CVNO23	STORM WTR	12/3/2007 12:20	3-Dec-07	4-Dec-07	
L42989-12	421240BB	CVNO23	BLANK WTR	12/3/2007 9:35	3-Dec-07	4-Dec-07	
L44133-1	423589-090-1	CVNO23	STORM WTR	12/2/2007 18:55	3-Dec-07	4-Dec-07	
L44133-2	423589-090-1	CVNO23	STORM WTR	12/2/2007 11:44	3-Dec-07	4-Dec-07	
L44133-3	423589-090-1	CVNO23	STORM WTR	12/2/2007 11:24	3-Dec-07	4-Dec-07	
L44133-4	423589-090-1	CVNO23	STORM WTR	12/2/2007 11:24	3-Dec-07	4-Dec-07	
L44136-1	421195CI2	CVORTHOP	FRESH WTR	12/2/2007 16:25	4-Dec-07	5-Dec-07	
L44136-2	421195CI2	CVORTHOP	FRESH WTR	12/2/2007 16:15	4-Dec-07	5-Dec-07	
L44136-3	421195CI2	CVORTHOP	FRESH WTR	12/2/2007 16:40	4-Dec-07	5-Dec-07	
L44672-1	421195AM	CVORTHOP	FRESH WTR	12/4/2007 11:18	4-Dec-07	5-Dec-07	
L44672-2	421195AM	CVORTHOP	FRESH WTR	12/4/2007 11:21	4-Dec-07	5-Dec-07	
L44672-3	421195AM	CVORTHOP	FRESH WTR	12/4/2007 11:25	4-Dec-07	5-Dec-07	
L44672-4	421195AM	CVORTHOP	FRESH WTR	12/4/2007 11:30	4-Dec-07	5-Dec-07	
L44672-5	421195AM	CVORTHOP	BLANK WTR	12/4/2007 0:00	4-Dec-07	5-Dec-07	field filter blank for orthop
L44673-1	421195AM	CVORTHOP	FRESH WTR	12/3/2007 11:09	3-Dec-07	4-Dec-07	
L44673-2	421195AM	CVORTHOP	FRESH WTR	12/3/2007 10:48	3-Dec-07	4-Dec-07	
L44673-3	421195AM	CVORTHOP	FRESH WTR	12/3/2007 10:40	3-Dec-07	4-Dec-07	
L44673-4	421195AM	CVORTHOP	FRESH WTR	12/3/2007 10:25	3-Dec-07	4-Dec-07	
L44673-5	421195AM	CVORTHOP	BLANK WTR	12/3/2007 0:00	3-Dec-07	4-Dec-07	
L44767-1	421195CS	CVORTHOP	STORM WTR	12/3/2007 15:38	3-Dec-07	4-Dec-07	
L44767-2	421195CS	CVORTHOP	STORM WTR	12/3/2007 15:30	3-Dec-07	4-Dec-07	
WG94576-1	MB	CVNO23	BLANK WTR		4-Dec-07	4-Dec-07	MB1 071204
WG94576-2	SB	CVNO23	BLANK WTR		4-Dec-07	4-Dec-07	WG94576-1
WG94576-3	LCS	CVNO23	BLANK WTR		4-Dec-07	4-Dec-07	LEVEL1

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WG94576-4	LD	CVNO23	STORM WTR	3-Dec-07	4-Dec-07	L42986-8
WG94576-5	MS	CVNO23	STORM WTR	3-Dec-07	5-Dec-07	L42986-8
WG94576-6	LCS	CVNO23	BLANK WTR	3-Dec-07	4-Dec-07	LEVEL1
WG94576-7	SB	CVNO23	BLANK WTR	4-Dec-07	4-Dec-07	WG94576-8
WG94576-8	MB	CVNO23	BLANK WTR	4-Dec-07	4-Dec-07	MB2 071204
WG94576-9	LD	CVNO23	STORM WTR	3-Dec-07	4-Dec-07	L42989-4
WG94576-10	MS	CVNO23	STORM WTR	3-Dec-07	5-Dec-07	L42989-6
WG94576-11	MB	CVNO23	BLANK WTR	3-Dec-07	4-Dec-07	MB1 071203
WG94576-12	SB	CVNO23	BLANK WTR	3-Dec-07	4-Dec-07	WG94576-11
WG94576-13	LCS	CVNO23	BLANK WTR	4-Dec-07	4-Dec-07	LEVEL1
WG94576-14	LD	CVNO23	STORM WTR	3-Dec-07	4-Dec-07	L44133-3
WG94576-15	MS	CVNO23	STORM WTR	3-Dec-07	5-Dec-07	L44133-3
WG94576-16	MB	CVORTHOP	BLANK WTR	3-Dec-07	4-Dec-07	MB2 071203
WG94576-17	LD	CVORTHOP	STORM WTR	3-Dec-07	4-Dec-07	L44767-1
WG94576-18	MS	CVORTHOP	STORM WTR	3-Dec-07	4-Dec-07	L44767-1
WG94576-19	LD	CVORTHOP	FRESH WTR	3-Dec-07	4-Dec-07	L44673-3
WG94576-20	MS	CVORTHOP	FRESH WTR	3-Dec-07	4-Dec-07	L44673-3
WG94576-21	LCS	CVORTHOP	BLANK WTR	4-Dec-07	4-Dec-07	LEVEL1
WG94576-22	MB	CVORTHOP	BLANK WTR	4-Dec-07	5-Dec-07	MB6 071204
WG94576-23	SB	CVORTHOP	BLANK WTR	4-Dec-07	5-Dec-07	WG94576-22
WG94576-24	LCS	CVORTHOP	BLANK WTR	5-Dec-07	5-Dec-07	LEVEL1
WG94576-25	LD	CVORTHOP	FRESH WTR	4-Dec-07	5-Dec-07	L44136-2
WG94576-26	MS	CVORTHOP	FRESH WTR	4-Dec-07	5-Dec-07	L44136-2
WG94576-27	MB	CVORTHOP	BLANK WTR	5-Dec-07	5-Dec-07	MB1 071205
WG94576-28	LD	CVORTHOP	FRESH WTR	4-Dec-07	5-Dec-07	L44672-3
WG94576-29	MS	CVORTHOP	FRESH WTR	4-Dec-07	5-Dec-07	L44672-3
WG94576-30	SB	CVNH3	BLANK WTR	4-Dec-07	6-Dec-07	WG94576-27
WG94576-31	LCS	CVNH3	BLANK WTR	6-Dec-07	6-Dec-07	LEVEL1
WG94576-33	LCS	CVNH3	BLANK WTR	12-Dec-07	12-Dec-07	LEVEL1
WG94576-34	LCS	CVORTHOP	BLANK WTR	20-Dec-07	20-Dec-07	LEVEL1

WG96947

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L44379-1	421195CY	CVORTHOP	STORM WTR	6/3/2008 0:13	3-Jun-08	4-Jun-08	
L44379-2	421195CY	CVORTHOP	STORM WTR	6/3/2008 0:14	3-Jun-08	4-Jun-08	
L44379-3	421195CY	CVORTHOP	STORM WTR	6/3/2008 0:10	3-Jun-08	4-Jun-08	
L44379-4	421195CY	CVORTHOP	STORM WTR	6/3/2008 0:11	3-Jun-08	4-Jun-08	
L44379-5	421195CY	CVORTHOP	STORM WTR	6/3/2008 0:12	3-Jun-08	4-Jun-08	
L44379-6	421195CY	CVORTHOP	STORM WTR	6/3/2008 0:12	3-Jun-08	4-Jun-08	FREP@L44379-5
L44379-9	421195CY	CVORTHOP	BLANK WTR	6/3/2008 0:10	3-Jun-08	4-Jun-08	
L44912-6	423589-090-1	CVNH3	STORM WTR	6/3/2008 9:09	4-Jun-08	4-Jun-08	
L44952-1	421240BA	CVNH3	STORM WTR	6/3/2008 10:02	3-Jun-08	4-Jun-08	
L44952-2	421240BA	CVNH3	STORM WTR	6/3/2008 10:39	3-Jun-08	4-Jun-08	
L44952-3	421240BA	CVNH3	STORM WTR	6/3/2008 11:06	3-Jun-08	4-Jun-08	
L44952-4	421240BA	CVNH3	STORM WTR	6/3/2008 11:33	3-Jun-08	4-Jun-08	
L44952-5	421240BA	CVNH3	STORM WTR	6/3/2008 11:55	3-Jun-08	4-Jun-08	

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L44952-6	421240BA	CVNH3	STORM WTR	6/3/2008 12:26	3-Jun-08	4-Jun-08	
L44952-7	421240BA	CVNH3	STORM WTR	6/3/2008 12:55	3-Jun-08	4-Jun-08	
L44952-8	421240BA	CVNH3	STORM WTR	6/3/2008 13:14	3-Jun-08	4-Jun-08	
L44952-9	421240BA	CVNH3	STORM WTR	6/3/2008 13:30	3-Jun-08	4-Jun-08	
L44952-12	421240BA	CVNH3	BLANK WTR	6/3/2008 9:45	3-Jun-08	4-Jun-08	
L44953-1	421240BA	CVNH3	STORM WTR	6/3/2008 9:37	3-Jun-08	4-Jun-08	
L44953-2	421240BA	CVNH3	STORM WTR	6/3/2008 10:10	3-Jun-08	4-Jun-08	
L44953-3	421240BA	CVNH3	STORM WTR	6/3/2008 10:24	3-Jun-08	4-Jun-08	
L44953-4	421240BA	CVNH3	STORM WTR	6/3/2008 10:46	3-Jun-08	4-Jun-08	
L44953-5	421240BA	CVNH3	STORM WTR	6/3/2008 11:02	3-Jun-08	4-Jun-08	
L44953-6	421240BA	CVNH3	STORM WTR	6/3/2008 11:56	3-Jun-08	4-Jun-08	
L44953-7	421240BA	CVNH3	STORM WTR	6/3/2008 12:15	3-Jun-08	4-Jun-08	
L44953-8	421240BA	CVNH3	STORM WTR	6/3/2008 12:50	3-Jun-08	4-Jun-08	
L44953-9	421240BA	CVNH3	STORM WTR	6/3/2008 9:39	3-Jun-08	4-Jun-08	
L44953-11	421240BA	CVNH3	BLANK WTR	6/3/2008 9:18	3-Jun-08	4-Jun-08	
L44954-1	421240BC	CVNH3	STORM WTR	6/3/2008 10:13	3-Jun-08	4-Jun-08	
L44954-2	421240BC	CVNH3	STORM WTR	6/3/2008 10:40	3-Jun-08	4-Jun-08	
L44954-3	421240BC	CVNH3	STORM WTR	6/3/2008 11:10	3-Jun-08	4-Jun-08	
L44954-4	421240BC	CVNH3	STORM WTR	6/3/2008 11:50	3-Jun-08	4-Jun-08	
L44954-5	421240BC	CVNH3	STORM WTR	6/3/2008 12:28	3-Jun-08	4-Jun-08	
L44954-6	421240BC	CVNH3	STORM WTR	6/3/2008 13:05	3-Jun-08	4-Jun-08	
L44954-7	421240BC	CVNH3	STORM WTR	6/3/2008 13:39	3-Jun-08	4-Jun-08	
L44954-8	421240BC	CVNH3	STORM WTR	6/3/2008 14:01	3-Jun-08	4-Jun-08	
L44954-9	421240BC	CVNH3	STORM WTR	6/3/2008 14:47	3-Jun-08	4-Jun-08	
L44954-10	421240BC	CVNH3	STORM WTR	6/3/2008 15:06	3-Jun-08	4-Jun-08	
L44954-11	421240BC	CVNH3	STORM WTR	6/3/2008 13:06	3-Jun-08	4-Jun-08	
L44954-13	421240BC	CVNH3	BLANK WTR	6/3/2008 10:03	3-Jun-08	4-Jun-08	
L44956-1	421240BB	CVNH3	STORM WTR	6/3/2008 9:53	3-Jun-08	4-Jun-08	
L44956-2	421240BB	CVNH3	STORM WTR	6/3/2008 10:30	3-Jun-08	4-Jun-08	
L44956-3	421240BB	CVNH3	STORM WTR	6/3/2008 11:05	3-Jun-08	4-Jun-08	
L44956-4	421240BB	CVNH3	STORM WTR	6/3/2008 11:51	3-Jun-08	4-Jun-08	
L44956-5	421240BB	CVNH3	STORM WTR	6/3/2008 12:18	3-Jun-08	4-Jun-08	
L44956-6	421240BB	CVNH3	STORM WTR	6/3/2008 12:32	3-Jun-08	4-Jun-08	
L44956-7	421240BB	CVNH3	STORM WTR	6/3/2008 12:53	3-Jun-08	4-Jun-08	
L44956-8	421240BB	CVNH3	STORM WTR	6/3/2008 13:45	3-Jun-08	4-Jun-08	
L44956-9	421240BB	CVNH3	STORM WTR	6/3/2008 14:25	3-Jun-08	4-Jun-08	
L44956-10	421240BB	CVNH3	STORM WTR	6/3/2008 13:46	3-Jun-08	4-Jun-08	
L44956-12	421240BB	CVNH3	BLANK WTR	6/3/2008 10:31	3-Jun-08	4-Jun-08	
WG96947-1	MB	CVNH3	BLANK WTR		4-Jun-08	4-Jun-08	MB1 080604
WG96947-2	SB	CVNH3	BLANK WTR		4-Jun-08	4-Jun-08	WG96947-1
WG96947-3	LCS	CVNH3	BLANK WTR		4-Jun-08	4-Jun-08	LEVEL1
WG96947-4	LD	CVNH3	STORM WTR		3-Jun-08	4-Jun-08	L44952-6
WG96947-5	MS	CVNH3	STORM WTR		3-Jun-08	4-Jun-08	L44952-6
WG96947-6	MB	CVNH3	BLANK WTR		4-Jun-08	4-Jun-08	MB2 080604
WG96947-7	SB	CVNH3	BLANK WTR		4-Jun-08	4-Jun-08	WG96947-6
WG96947-8	LCS	CVNH3	BLANK WTR		4-Jun-08	4-Jun-08	LEVEL1

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WG96947-9	LD	CVNH3	STORM WTR	3-Jun-08	4-Jun-08	L44954-6
WG96947-10	MS	CVNH3	STORM WTR	3-Jun-08	4-Jun-08	L44954-6
WG96947-11	MB	CVNH3	BLANK WTR	4-Jun-08	4-Jun-08	MB3 080604
WG96947-12	SB	CVNH3	BLANK WTR	4-Jun-08	4-Jun-08	WG96947-11
WG96947-13	LCS	CVNH3	BLANK WTR	4-Jun-08	4-Jun-08	LEVEL1
WG96947-14	LD	CVNH3	STORM WTR	3-Jun-08	4-Jun-08	L44956-6
WG96947-15	MS	CVNH3	STORM WTR	3-Jun-08	4-Jun-08	L44956-6
WG96947-16	MB	CVNH3	BLANK WTR	4-Jun-08	4-Jun-08	MB4 080604
WG96947-17	SB	CVNH3	BLANK WTR	4-Jun-08	4-Jun-08	WG96947-16
WG96947-18	LCS	CVNH3	BLANK WTR	4-Jun-08	4-Jun-08	LEVEL1
WG96947-19	LD	CVNH3	STORM WTR	4-Jun-08	4-Jun-08	L44912-6
WG96947-20	MS	CVNH3	STORM WTR	4-Jun-08	4-Jun-08	L44912-6
WG96947-21	MB	CVORTHOP	BLANK WTR	4-Jun-08	4-Jun-08	MB5 080604
WG96947-22	SB	CVORTHOP	BLANK WTR	4-Jun-08	4-Jun-08	WG96947-21
WG96947-23	LCS	CVORTHOP	BLANK WTR	4-Jun-08	4-Jun-08	LEVEL1
WG96947-24	LD	CVORTHOP	STORM WTR	3-Jun-08	4-Jun-08	L44379-1
WG96947-25	MS	CVORTHOP	STORM WTR	3-Jun-08	4-Jun-08	L44379-1

WG98175

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L45811-1	423589-090-1	CVNH3	STORM WTR	8/19/2008 22:14	21-Aug-08	25-Aug-08	
L45811-3	423589-090-1	CVNH3	STORM WTR	8/20/2008 1:35	21-Aug-08	25-Aug-08	
L45811-6	423589-090-1	CVNH3	STORM WTR	8/20/2008 1:01	21-Aug-08	25-Aug-08	
WG98175-1	MB	CVNH3	BLANK WTR		21-Aug-08	25-Aug-08	MB1 080821
WG98175-2	SB	CVNH3	BLANK WTR		21-Aug-08	25-Aug-08	WG98175-1
WG98175-3	LCS	CVNH3	BLANK WTR		25-Aug-08	25-Aug-08	LEVEL1
WG98175-4	LD	CVNH3	STORM WTR		21-Aug-08	25-Aug-08	L45811-3
WG98175-5	MS	CVNH3	STORM WTR		21-Aug-08	25-Aug-08	L45811-3

WG99559

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L46418-3	423589-090-1	CVNH3	STORM WTR	11/4/2008 5:34	5-Nov-08	7-Nov-08	
L46418-6	423589-090-1	CVNH3	STORM WTR	11/4/2008 4:14	5-Nov-08	7-Nov-08	
L46808-1	421303B	CVNH3	FRESH WTR	10/28/2008 10:13	29-Oct-08	7-Nov-08	
L46808-3	421303B	CVNH3	FRESH WTR	10/28/2008 11:50	29-Oct-08	7-Nov-08	
L46808-4	421303B	CVNH3	FRESH WTR	10/28/2008 12:30	29-Oct-08	7-Nov-08	
L46808-5	421303B	CVNH3	FRESH WTR	10/28/2008 13:29	29-Oct-08	7-Nov-08	
L46808-6	421303B	CVNH3	FRESH WTR	10/28/2008 10:15	29-Oct-08	7-Nov-08	
L46809-1	421304	CVNH3	FRESH WTR	10/27/2008 9:45	28-Oct-08	7-Nov-08	
L46809-2	421304	CVNH3	FRESH WTR	10/27/2008 10:06	28-Oct-08	7-Nov-08	
L46809-3	421304	CVNH3	FRESH WTR	10/27/2008 10:26	28-Oct-08	7-Nov-08	
L46809-4	421304	CVNH3	FRESH WTR	10/27/2008 10:50	28-Oct-08	7-Nov-08	
L46809-5	421304	CVNH3	FRESH WTR	10/27/2008 11:18	28-Oct-08	7-Nov-08	
L46809-6	421304	CVNH3	FRESH WTR	10/27/2008 11:31	28-Oct-08	7-Nov-08	
L46809-7	421304	CVNH3	FRESH WTR	10/27/2008 12:06	28-Oct-08	7-Nov-08	
L46809-8	421304	CVNH3	FRESH WTR	10/27/2008 12:39	28-Oct-08	7-Nov-08	

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L46809-9	421304	CVNH3	FRESH WTR	10/27/2008 12:45	28-Oct-08	7-Nov-08	
L46809-10	421304	CVNH3	FRESH WTR	10/27/2008 13:10	28-Oct-08	7-Nov-08	
L46809-11	421304	CVNH3	FRESH WTR	10/27/2008 13:32	28-Oct-08	7-Nov-08	
L46809-12	421304	CVNH3	FRESH WTR	10/27/2008 13:50	28-Oct-08	7-Nov-08	
L46809-13	421304	CVNH3	FRESH WTR	10/27/2008 14:15	28-Oct-08	7-Nov-08	
L46809-14	421304	CVNH3	FRESH WTR	10/27/2008 12:40	28-Oct-08	7-Nov-08	
L46894-1	421304	CVNH3	STORM WTR	11/6/2008 10:20	7-Nov-08	7-Nov-08	
L46894-2	421304	CVNH3	STORM WTR	11/6/2008 10:36	7-Nov-08	7-Nov-08	
L46894-3	421304	CVNH3	STORM WTR	11/6/2008 10:50	7-Nov-08	7-Nov-08	
L46894-4	421304	CVNH3	STORM WTR	11/6/2008 11:18	7-Nov-08	7-Nov-08	
L46894-5	421304	CVNH3	STORM WTR	11/6/2008 11:45	7-Nov-08	7-Nov-08	
L46894-6	421304	CVNH3	STORM WTR	11/6/2008 12:00	7-Nov-08	7-Nov-08	
L46894-7	421304	CVNH3	STORM WTR	11/6/2008 12:30	7-Nov-08	7-Nov-08	
L46894-8	421304	CVNH3	STORM WTR	11/6/2008 12:45	7-Nov-08	7-Nov-08	
L46894-9	421304	CVNH3	STORM WTR	11/6/2008 12:49	7-Nov-08	7-Nov-08	
L46894-10	421304	CVNH3	STORM WTR	11/6/2008 13:14	7-Nov-08	7-Nov-08	
L46894-11	421304	CVNH3	STORM WTR	11/6/2008 13:27	7-Nov-08	7-Nov-08	
L46894-12	421304	CVNH3	STORM WTR	11/6/2008 13:42	7-Nov-08	7-Nov-08	
L46894-13	421304	CVNH3	STORM WTR	11/6/2008 14:01	7-Nov-08	7-Nov-08	
L46894-14	421304	CVNH3	STORM WTR	11/6/2008 12:50	7-Nov-08	7-Nov-08	
L46918-1	423589-090-1	CVNH3	STORM WTR	11/6/2008 14:58	7-Nov-08	12-Nov-08	
L46918-3	423589-090-1	CVNH3	STORM WTR	11/6/2008 16:05	7-Nov-08	12-Nov-08	
L46918-5	423589-090-1	CVNH3	STORM WTR	11/6/2008 20:28	7-Nov-08	12-Nov-08	
L46918-6	423589-090-1	CVNH3	STORM WTR	11/6/2008 15:42	7-Nov-08	12-Nov-08	
WG99559-1	MB	CVNH3	BLANK WTR		28-Oct-08	7-Nov-08	MB1 081028
WG99559-2	SB	CVNH3	BLANK WTR		28-Oct-08	7-Nov-08	WG99559-1
WG99559-3	LCS	CVNH3	BLANK WTR		7-Nov-08	7-Nov-08	LEVEL1
WG99559-4	LD	CVNH3	FRESH WTR		28-Oct-08	7-Nov-08	L46809-10
WG99559-5	MS	CVNH3	FRESH WTR		28-Oct-08	7-Nov-08	L46809-10
WG99559-6	MB	CVNH3	BLANK WTR		29-Oct-08	7-Nov-08	MB1 081029
WG99559-7	SB	CVNH3	BLANK WTR		29-Oct-08	7-Nov-08	WG99559-6
WG99559-8	LCS	CVNH3	BLANK WTR		7-Nov-08	7-Nov-08	LEVEL1
WG99559-9	LD	CVNH3	FRESH WTR		29-Oct-08	7-Nov-08	L46808-5
WG99559-10	MS	CVNH3	FRESH WTR		29-Oct-08	7-Nov-08	L46808-5
WG99559-11	MB	CVNH3	BLANK WTR		5-Nov-08	7-Nov-08	MB2 081105
WG99559-12	SB	CVNH3	BLANK WTR		5-Nov-08	7-Nov-08	WG99559-11
WG99559-13	LCS	CVNH3	BLANK WTR		7-Nov-08	7-Nov-08	LEVEL1
WG99559-14	LD	CVNH3	STORM WTR		5-Nov-08	7-Nov-08	L46418-3
WG99559-15	MS	CVNH3	STORM WTR		5-Nov-08	7-Nov-08	L46418-3
WG99559-16	MB	CVNH3	BLANK WTR		7-Nov-08	7-Nov-08	MB1 081107
WG99559-17	SB	CVNH3	BLANK WTR		7-Nov-08	7-Nov-08	WG99559-16
WG99559-18	LCS	CVNH3	BLANK WTR		7-Nov-08	7-Nov-08	LEVEL1
WG99559-19	LD	CVNH3	STORM WTR		7-Nov-08	7-Nov-08	L46894-11
WG99559-20	MS	CVNH3	STORM WTR		7-Nov-08	7-Nov-08	L46894-11
WG99559-21	MB	CVNH3	BLANK WTR		7-Nov-08	12-Nov-08	MB2 081107
WG99559-22	SB	CVNH3	BLANK WTR		7-Nov-08	12-Nov-08	WG99559-21

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WG99559-23	LCS	CVNH3	BLANK WTR	12-Nov-08	12-Nov-08	LEVEL1
WG99559-24	LD	CVNH3	STORM WTR	7-Nov-08	12-Nov-08	L46918-5
WG99559-25	MS	CVNH3	STORM WTR	7-Nov-08	12-Nov-08	L46918-5

WG100322

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L47178-1	421600	CVNO23	INFLUENT	1/14/2009 9:00	1/20/2009 10:28	1/20/2009 11:29	
L47178-2	421600	CVNO23	EFFLUENT	1/14/2009 9:00	1/20/2009 10:28	1/20/2009 11:31	
L47178-3	421600	CVNO23	EFFLUENT	1/14/2009 9:00	1/20/2009 10:28	1/20/2009 11:33	
L47178-4	421600	CVNO23	GRND WTR	1/14/2009 9:00	1/20/2009 10:28	1/20/2009 11:37	
L47178-5	421600	CVNO23	GRND WTR	1/14/2009 9:00	1/20/2009 10:28	1/20/2009 11:35	
L47178-6	421600	CVNO23	FRESH WTR	1/14/2009 9:00	1/20/2009 10:28	1/20/2009 11:44	
L47178-7	421600	CVNO23	FRESH WTR	1/14/2009 9:00	1/20/2009 10:28	1/20/2009 11:46	
L47178-8	421600	CVNO23	FRESH WTR	1/14/2009 9:00	1/20/2009 10:28	1/20/2009 11:48	
L47190-2	423589-090-1	CVNH3-FL	STORM WTR	1/7/2009 18:15	1/9/2009 6:40	1/20/2009 13:17	
L47190-4	423589-090-1	CVNH3-FL	STORM WTR	1/7/2009 19:19	1/9/2009 6:40	1/20/2009 13:32	
WG100322-1	MB	CVNO23	BLANK WTR		1/9/2009 6:40	1/20/2009 10:39	MB1 01/09/09
WG100322-2	SB	CVNO23	BLANK WTR		1/9/2009 6:40	1/20/2009 10:41	WG100322-1
WG100322-3	LCS	CVNH3-FL	BLANK WTR		1/20/2009 13:11	1/20/2009 13:11	LEVEL1
WG100322-4	LD	CVNH3-FL	STORM WTR		1/9/2009 6:40	1/20/2009 13:34	L47190-4
WG100322-5	MS	CVNH3-FL	STORM WTR		1/9/2009 6:40	1/20/2009 13:36	L47190-4
WG100322-6	MB	CVNO23	BLANK WTR		1/20/2009 10:28	1/20/2009 11:10	MB1 01/20/09
WG100322-7	SB	CVNO23	BLANK WTR		1/20/2009 10:28	1/20/2009 11:12	WG100322-6
WG100322-8	LCS	CVNO23	BLANK WTR		1/20/2009 10:50	1/20/2009 10:50	LEVEL1
WG100322-9	LD	CVNO23	GRND WTR		1/20/2009 10:28	1/20/2009 11:40	L47178-4
WG100322-10	MS	CVNO23	GRND WTR		1/20/2009 10:28	1/20/2009 11:42	L47178-4

WG101410

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L47597-2	423589-090-1	CVNH3-FL	STORM WTR	4/2/2009 18:58	4/3/2009 16:05	4/16/2009 11:30	
L47597-3	423589-090-1	CVNH3-FL	STORM WTR	4/2/2009 19:28	4/3/2009 16:05	4/16/2009 12:45	
L47597-4	423589-090-1	CVNH3-FL	STORM WTR	4/2/2009 19:28	4/3/2009 16:05	4/16/2009 12:47	FREP @ L47597-3
L47597-5	423589-090-1	CVNH3-FL	STORM WTR	4/2/2009 17:53	4/3/2009 16:05	4/16/2009 12:49	
L47834-1	423589-090-1	CVNH3-FL	STORM WTR	4/12/2009 17:13	4/13/2009 13:53	4/16/2009 12:51	
L47834-2	423589-090-1	CVNH3-FL	STORM WTR	4/12/2009 17:13	4/13/2009 13:53	4/16/2009 12:58	
L47834-3	423589-090-1	CVNH3-FL	STORM WTR	4/12/2009 16:42	4/13/2009 13:53	4/16/2009 12:12	
WG101410-1	MB	CVNH3-FL	BLANK WTR		4/3/2009 16:05	4/16/2009 11:24	MB3 4/3/09 16:05
WG101410-2	SB	CVNH3-FL	BLANK WTR		4/3/2009 16:05	4/16/2009 11:26	WG101410-1
WG101410-3	LCS	CVNH3-FL	BLANK WTR		4/16/2009 11:28	4/16/2009 11:28	LEVEL1
WG101410-4	LD	CVNH3-FL	STORM WTR		4/3/2009 16:05	4/16/2009 11:41	L47597-2
WG101410-5	MS	CVNH3-FL	STORM WTR		4/3/2009 16:05	4/16/2009 11:43	L47597-2
WG101410-6	MB	CVNH3-FL	BLANK WTR		4/13/2009 13:53	4/16/2009 11:53	MB3 4/13/09 13:53
WG101410-7	LD	CVNH3-FL	STORM WTR		4/13/2009 13:53	4/16/2009 12:54	L47834-1
WG101410-8	MS	CVNH3-FL	STORM WTR		4/13/2009 13:53	4/16/2009 12:56	L47834-1

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WG93109

METHOD BLANK

MB:WG93109-1 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

SPIKE BLANK

SB:WG93109-2 MB:WG93109-1 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.0981	98		80--120

LABORATORY CONTROL SAMPLE

LCS:WG93109-3 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.1	100		85--115

LABORATORY DUPLICATE

LD:WG93109-4 L43488-1 Matrix: FRESH WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.011	0.011			20

MATRIX SPIKE

MS:WG93109-5 L43488-1 Matrix: FRESH WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.011	0.1	0.108	97		75--125

METHOD BLANK

MB:WG93109-6 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG93109-9 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.11	110		85--115

LABORATORY CONTROL SAMPLE

LCS:WG93109-10 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.809	101		85--115

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LABORATORY CONTROL SAMPLE

LCS:WG93109-10 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.0999	100		85--115

METHOD BLANK

MB:WG93109-11 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

METHOD BLANK

MB:WG93109-11 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

SPIKE BLANK

SB:WG93109-12 MB:WG93109-11 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.814	102		80--120

SPIKE BLANK

SB:WG93109-12 MB:WG93109-11 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.0998	100		80--120

LABORATORY DUPLICATE

LD:WG93109-13 L43790-1 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.1	0.2	mg/L	2.25	2.28	1		20

LABORATORY DUPLICATE

LD:WG93109-13 L43790-1 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	<MDL			20

MATRIX SPIKE

MS:WG93109-14 L43790-1 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.1	0.2	mg/L	2.25	1	3.46	121		75--125

MATRIX SPIKE

MS:WG93109-14 L43790-1 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.791	99		75--125

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

METHOD BLANK

MB:WG93109-15 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

LABORATORY DUPLICATE

LD:WG93109-16 L43420-1 Matrix: GRND WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.131	0.13	0		20

MATRIX SPIKE

MS:WG93109-17 L43420-1 Matrix: GRND WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.131	0.8	0.918	98		75--125

LABORATORY CONTROL SAMPLE

LCS:WG93109-18 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.782	98		85--115

LABORATORY CONTROL SAMPLE

LCS:WG93109-19 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.765	96		85--115

WG93637

METHOD BLANK

MB:WG93637-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

METHOD BLANK

MB:WG93637-1 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

SPIKE BLANK

SB:WG93637-2 MB:WG93637-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.797	100		80--120

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

SPIKE BLANK

SB:WG93637-2 MB:WG93637-1 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.102	102		80--120

LABORATORY CONTROL SAMPLE

LCS:WG93637-3 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.795	99		85--115

LABORATORY DUPLICATE

LD:WG93637-4 L43913-1 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.1	0.2	mg/L	2.2	2.3	5		20

LABORATORY DUPLICATE

LD:WG93637-4 L43913-1 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.318	0.317	0		20

MATRIX SPIKE

MS:WG93637-5 L43913-1 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.318	0.8	1.11	99		75--125

MATRIX SPIKE

MS:WG93637-5 L43913-1 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.1	0.2	mg/L	2.2	1	3.31	111		75--125

METHOD BLANK

MB:WG93637-6 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

METHOD BLANK

MB:WG93637-6 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

METHOD BLANK

MB:WG93637-7 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

LABORATORY DUPLICATE

LD:WG93637-8 L44104-1 Matrix: SALT WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	<MDL			20

MATRIX SPIKE

MS:WG93637-9 L44104-1 Matrix: SALT WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.103	103		75--125

LABORATORY CONTROL SAMPLE

LCS:WG93637-10 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.102	102		85--115

LABORATORY CONTROL SAMPLE

LCS:WG93586-10 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.104	104		85--115

WG94576

METHOD BLANK

MB:WG94576-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

METHOD BLANK

MB:WG94576-1 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

SPIKE BLANK

SB:WG94576-2 MB:WG94576-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	1.6	1.62	101		80--120

SPIKE BLANK

SB:WG94576-2 MB:WG94576-1 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.2	0.208	104		80--120

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

LABORATORY CONTROL SAMPLE

LCS:WG94576-3 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.812	101		85--115

LABORATORY CONTROL SAMPLE

LCS:WG94576-3 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.112	112		85--115

LABORATORY DUPLICATE

LD:WG94576-4 L42986-8 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.711	0.709	0		20

LABORATORY DUPLICATE

LD:WG94576-4 L42986-8 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.026	0.0279	7		20

MATRIX SPIKE

MS:WG94576-5 L42986-8 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.04	0.08	mg/L	0.711	1.6	2.34	102		75--125

MATRIX SPIKE

MS:WG94576-5 L42986-8 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.026	0.2	0.23	102		75--125

LABORATORY CONTROL SAMPLE

LCS:WG94576-6 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.814	102		85--115

LABORATORY CONTROL SAMPLE

LCS:WG94576-6 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.107	107		85--115

SPIKE BLANK

SB:WG94576-7 MB:WG94576-8 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	1.6	1.57	98		80--120

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

SPIKE BLANK

SB:WG94576-7 MB:WG94576-8 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.2	0.22	110		80--120

METHOD BLANK

MB:WG94576-8 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

METHOD BLANK

MB:WG94576-8 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

LABORATORY DUPLICATE

LD:WG94576-9 L42989-4 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	1.07	1.06	0		20

LABORATORY DUPLICATE

LD:WG94576-9 L42989-4 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.0302	0.0293	3		20

MATRIX SPIKE

MS:WG94576-10 L42989-6 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.04	0.08	mg/L	0.308	1.6	1.9	99		75--125

MATRIX SPIKE

MS:WG94576-10 L42989-6 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.2	0.208	104		75--125

METHOD BLANK

MB:WG94576-11 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

METHOD BLANK

MB:WG94576-11 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

SPIKE BLANK

SB:WG94576-12 MB:WG94576-11 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	1.6	1.58	99		80--120

SPIKE BLANK

SB:WG94576-12 MB:WG94576-11 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.2	0.197	99		80--120

LABORATORY CONTROL SAMPLE

LCS:WG94576-13 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.82	103		85--115

LABORATORY CONTROL SAMPLE

LCS:WG94576-13 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.107	107		85--115

LABORATORY DUPLICATE

LD:WG94576-14 L44133-3 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.807	0.815	1		20

LABORATORY DUPLICATE

LD:WG94576-14 L44133-3 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.25	0.5	mg/L	2.54	2.71	6		20

MATRIX SPIKE

MS:WG94576-15 L44133-3 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.04	0.08	mg/L	0.807	1.6	2.41	100		75--125

MATRIX SPIKE

MS:WG94576-15 L44133-3 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.25	0.5	mg/L	2.54	2.5	4.89	94		75--125

LABORATORY CONTROL SAMPLE

LCS:WG94576-21 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.112	112		85--115

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

LABORTORY CONTROL SAMPLE

LCS:WG94576-24 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.829	104		85--115

METHOD BLANK

MB:WG94576-27 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

LABORATORY DUPLICATE

LD:WG94576-28 L44672-3 Matrix: FRESH WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.132	0.132	0		20

MATRIX SPIKE

MS:WG94576-29 L44672-3 Matrix: FRESH WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.132	0.1	0.207	75		75--125

SPIKE BLANK

SB:WG94576-30 MB:WG94576-27 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.0955	96		80--120

LABORATORY CONTROL SAMPLE

LCS:WG94576-31 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.101	101		85--115

LABORATORY CONTROL SAMPLE

LCS:WG94576-33 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.0923	92		85--115

WG96947

METHOD BLANK

MB:WG96947-1 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

METHOD BLANK

MB:WG96947-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

SPIKE BLANK

SB:WG96947-2 MB:WG96947-1 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.0989	99		80--120

SPIKE BLANK

SB:WG96947-2 MB:WG96947-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.801	100		80--120

LABORATORY CONTROL SAMPLE

LCS:WG96947-3 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.0861	86		85--115

LABORATORY CONTROL SAMPLE

LCS:WG96947-3 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.831	104		85--115

LABORATORY DUPLICATE

LD:WG96947-4 L44952-6 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.047	0.0474	1		20

LABORATORY DUPLICATE

LD:WG96947-4 L44952-6 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.407	0.419	3		20

MATRIX SPIKE

MS:WG96947-5 L44952-6 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.047	0.1	0.15	103		75--125

MATRIX SPIKE

MS:WG96947-5 L44952-6 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.407	0.8	1.19	98		75--125

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

METHOD BLANK

MB:WG96947-6 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

METHOD BLANK

MB:WG96947-6 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

SPIKE BLANK

SB:WG96947-7 MB:WG96947-6 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.806	101		80--120

SPIKE BLANK

SB:WG96947-7 MB:WG96947-6 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.0983	98		80--120

LABORATORY CONTROL SAMPLE

LCS:WG96947-8 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.822	103		85--115

LABORATORY CONTROL SAMPLE

LCS:WG96947-8 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.103	103		85--115

LABORATORY DUPLICATE

LD:WG96947-9 L44954-6 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.0212	0.02	7		20

LABORATORY DUPLICATE

LD:WG96947-9 L44954-6 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.617	0.623	1		20

MATRIX SPIKE

MS:WG96947-10 L44954-6 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.617	0.8	1.42	100		75--125

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

MATRIX SPIKE

MS:WG96947-10 L44954-6 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.0212	0.1	0.119	98		75--125

METHOD BLANK

MB:WG96947-11 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

METHOD BLANK

MB:WG96947-11 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

SPIKE BLANK

SB:WG96947-12 MB:WG96947-11 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.801	100		80--120

SPIKE BLANK

SB:WG96947-12 MB:WG96947-11 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.0986	99		80--120

LABORATORY CONTROL SAMPLE

LCS:WG96947-13 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.822	103		85--115

LABORATORY CONTROL SAMPLE

LCS:WG96947-13 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.104	104		85--115

LABORATORY DUPLICATE

LD:WG96947-14 L44956-6 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	<MDL			20

LABORATORY DUPLICATE

LD:WG96947-14 L44956-6 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.0758	0.0761	0		20

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

MATRIX SPIKE

MS:WG96947-15 L44956-6 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.0995	99		75--125

MATRIX SPIKE

MS:WG96947-15 L44956-6 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.0758	0.8	0.871	99		75--125

METHOD BLANK

MB:WG96947-16 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

METHOD BLANK

MB:WG96947-16 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

SPIKE BLANK

SB:WG96947-17 MB:WG96947-16 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.101	101		80--120

SPIKE BLANK

SB:WG96947-17 MB:WG96947-16 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.797	100		80--120

LABORATORY CONTROL SAMPLE

LCS:WG96947-18 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.102	102		85--115

LABORATORY CONTROL SAMPLE

LCS:WG96947-18 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.802	100		85--115

LABORATORY DUPLICATE

LD:WG96947-19 L44912-6 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	1	2	mg/L	7.42	7.74	4		20

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

LABORATORY DUPLICATE

LD:WG96947-19 L44912-6 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.436	0.434	1		20

MATRIX SPIKE

MS:WG96947-20 L44912-6 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	1	2	mg/L	7.42	10	17.6	102		75--125

MATRIX SPIKE

MS:WG96947-20 L44912-6 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.436	0.8	1.24	100		75--125

WG98175

METHOD BLANK

MB:WG98175-1 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

METHOD BLANK

MB:WG98175-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

SPIKE BLANK

SB:WG98175-2 MB:WG98175-1 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.0977	98		80--120

SPIKE BLANK

SB:WG98175-2 MB:WG98175-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.84	105		80--120

LABORATORY CONTROL SAMPLE

LCS:WG98175-3 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.0996	100		85--115

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

LABORATORY CONTROL SAMPLE

LCS:WG98175-3 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.84	105		85--115

LABORATORY DUPLICATE

LD:WG98175-4 L45811-3 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	1	2	mg/L	10.2	10.2	1		20

LABORTORY DUPLICATE

LD:WG98175-4 L45811-3 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.06	0.12	mg/L	1.06	0.977	8		20

MATRIX SPIKE

MS:WG98175-5 L45811-3 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	1	2	mg/L	10.2	10	18.9	87		75--125

MATRIX SPIKE

MS:WG98175-5 L45811-3 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.06	0.12	mg/L	1.06	2.4	3.44	99		75--125

WG99559

METHOD BLANK

MB:WG99559-1 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

METHOD BLANK

MB:WG99559-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

SPIKE BLANK

SB:WG99559-2 MB:WG99559-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.779	97		80--120

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

SPIKE BLANK

SB:WG99559-2 MB:WG99559-1 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.101	101		80--120

LABORATORY CONTROL SAMPLE

LCS:WG99559-3 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.0937	94		85--115

LABORATORY CONTROL SAMPLE

LCS:WG99559-3 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.771	96		85--115

LABORATORY DUPLICATE

LD:WG99559-4 L46809-10 Matrix: FRESH WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	<MDL			20

LABORATORY DUPLICATE

LD:WG99559-4 L46809-10 Matrix: FRESH WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.627	0.64	2		20

MATRIX SPIKE

MS:WG99559-5 L46809-10 Matrix: FRESH WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.627	0.8	1.42	99		75--125

MATRIX SPIKE

MS:WG99559-5 L46809-10 Matrix: FRESH WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.101	101		75--125

METHOD BLANK

MB:WG99559-6 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

METHOD BLANK

MB:WG99559-6 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

SPIKE BLANK

SB:WG99559-7 MB:WG99559-6 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.086	86		80--120

SPIKE BLANK

SB:WG99559-7 MB:WG99559-6 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.646	81		80--120

LABORATORY CONTROL SAMPLE

LCS:WG99559-8 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.093	93		85--115

LABORATORY CONTROL SAMPLE

LCS:WG99559-8 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.798	100		85--115

LABORATORY DUPLICATE

LD:WG99559-9 L46808-5 Matrix: FRESH WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	<MDL			20

LABORATORY DUPLICATE

LD:WG99559-9 L46808-5 Matrix: FRESH WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.343	0.328	4		20

MATRIX SPIKE

MS:WG99559-10 L46808-5 Matrix: FRESH WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.102	102		75--125

MATRIX SPIKE

MS:WG99559-10 L46808-5 Matrix: FRESH WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.343	0.8	1.13	98		75--125

METHOD BLANK

MB:WG99559-11 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

METHOD BLANK

MB:WG99559-11 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

SPIKE BLANK

SB:WG99559-12 MB:WG99559-11 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.801	100		80--120

SPIKE BLANK

SB:WG99559-12 MB:WG99559-11 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.102	102		80--120

LABORATORY CONTROL SAMPLE

LCS:WG99559-13 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.777	97		85--115

LABORATORY CONTROL SAMPLE

LCS:WG99559-13 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.0939	94		85--115

LABORATORY DUPLICATE

LD:WG99559-14 L46418-3 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.08	0.16	mg/L	1.24	1.25	0		20

LABORATORY DUPLICATE

LD:WG99559-14 L46418-3 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.25	0.5	mg/L	2.18	2.23	2		20

MATRIX SPIKE

MS:WG99559-15 L46418-3 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.08	0.16	mg/L	1.24	0.8	1.99	93		75--125

MATRIX SPIKE

MS:WG99559-15 L46418-3 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.25	0.5	mg/L	2.18	2.5	4.73	102		75--125

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

METHOD BLANK

MB:WG99559-16 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

METHOD BLANK

MB:WG99559-16 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

SPIKE BLANK

SB:WG99559-17 MB:WG99559-16 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.793	99		80--120

SPIKE BLANK

SB:WG99559-17 MB:WG99559-16 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.1	100		80--120

LABORATORY CONTROL SAMPLE

LCS:WG99559-18 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.0966	97		85--115

LABORATORY CONTROL SAMPLE

LCS:WG99559-18 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.792	99		85--115

LABORATORY DUPLICATE

LD:WG99559-19 L46894-11 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.779	0.774	1		20

LABORATORY DUPLICATE

LD:WG99559-19 L46894-11 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	<MDL			20

MATRIX SPIKE

MS:WG99559-20 L46894-11 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.102	102		75--125

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

MATRIX SPIKE

MS:WG99559-20 L46894-11 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.779	0.8	1.57	99		75--125

METHOD BLANK

MB:WG99559-21 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

METHOD BLANK

MB:WG99559-21 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	

SPIKE BLANK

SB:WG99559-22 MB:WG99559-21 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.795	99		80--120

SPIKE BLANK

SB:WG99559-22 MB:WG99559-21 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	<MDL	0.1	0.0973	97		80--120

LABORATORY CONTROL SAMPLE

LCS:WG99559-23 Matrix: BLANK WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.01	0.02	mg/L	0.1	0.101	101		85--115

LABORATORY CONTROL SAMPLE

LCS:WG99559-23 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.783	98		85--115

LABORATORY DUPLICATE

LD:WG99559-24 L46918-5 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.1	0.2	mg/L	0.577	0.584	1		20

LABORATORY DUPLICATE

LD:WG99559-24 L46918-5 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.192	0.194	1		20

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

MATRIX SPIKE

MS:WG99559-25 L46918-5 Matrix: STORM WTR Listtype: CVNH3 Method: SM4500-NH3-G

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.1	0.2	mg/L	0.577	1	1.59	101		75--125

MATRIX SPIKE

MS:WG99559-25 L46918-5 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.192	0.8	0.991	100		75--125

WG100322

METHOD BLANK

MB:WG100322-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

METHOD BLANK

MB:WG100322-1 Matrix: BLANK WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.005	0.01	mg/L	<MDL	

SPIKE BLANK

SB:WG100322-2 MB:WG100322-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.853	107		80--120

SPIKE BLANK

SB:WG100322-2 MB:WG100322-1 Matrix: BLANK WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.005	0.01	mg/L	<MDL	0.1	0.101	101		80--120

LABORATORY CONTROL SAMPLE

LCS:WG100322-3 Matrix: BLANK WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.005	0.01	mg/L	0.1	0.0972	97		85--115

LABORATORY CONTROL SAMPLE

LCS:WG100322-3 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.783	98		85--115

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

LABORATORY DUPLICATE

LD:WG100322-4 L47190-4 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.238	0.234	2		20

LABORATORY DUPLICATE

LD:WG100322-4 L47190-4 Matrix: STORM WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.05	0.1	mg/L	1.21	1.19	2		20

MATRIX SPIKE

MS:WG100322-5 L47190-4 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.238	0.8	1.05	102		75--125

MATRIX SPIKE

MS:WG100322-5 L47190-4 Matrix: STORM WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.05	0.1	mg/L	1.21	0.1	2.2	100		75--125

METHOD BLANK

MB:WG100322-6 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	

SPIKE BLANK

SB:WG100322-7 MB:WG100322-6 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.855	107		80--120

LABORATORY CONTROL SAMPLE

LCS:WG100322-8 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	0.8	0.847	106		85--115

LABORATORY DUPLICATE

LD:WG100322-9 L47178-4 Matrix: GRND WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	<MDL			20

MATRIX SPIKE

MS:WG100322-10 L47178-4 Matrix: GRND WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.02	0.04	mg/L	<MDL	0.8	0.878	110		75--125

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

WG101410

METHOD BLANK

MB:WG101410-1 Matrix: BLANK WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.005	0.01	mg/L	0.0138	B

METHOD BLANK

MB:WG101410-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.01	0.04	mg/L	<MDL	

SPIKE BLANK

SB:WG101410-2 MB:WG101410-1 Matrix: BLANK WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.005	0.01	mg/L	0.0138	0.1	0.107	94		80--120

SPIKE BLANK

SB:WG101410-2 MB:WG101410-1 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.01	0.04	mg/L	<MDL	0.8	0.789	99		80--120

LABORATORY CONTROL SAMPLE

LCS:WG101410-3 Matrix: BLANK WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.005	0.01	mg/L	0.1	0.105	105		85--115

LABORATORY CONTROL SAMPLE

LCS:WG101410-3 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.01	0.04	mg/L	0.8	0.807	101		85--115

LABORATORY DUPLICATE

LD:WG101410-4 L47597-2 Matrix: STORM WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Ammonia Nitrogen	0.1	0.2	mg/L	3.43	3.59	5		20

LABORATORY DUPLICATE

LD:WG101410-4 L47597-2 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.01	0.04	mg/L	0.386	0.385	0		20

LIMSView Analytical QC Report - Ammonia and Nitrate + Nitrite Nitrogen

MATRIX SPIKE

MS:WG101410-5 L47597-2 Matrix: STORM WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.1	0.2	mg/L	3.43	0.1	5.29	93		75--125

MATRIX SPIKE

MS:WG101410-5 L47597-2 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.01	0.04	mg/L	0.386	0.8	1.1	89		75--125

METHOD BLANK

MB:WG101410-6 Matrix: BLANK WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	MB Value	Qual
Ammonia Nitrogen	0.005	0.01	mg/L	0.0155	B

METHOD BLANK

MB:WG101410-6 Matrix: BLANK WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	MB Value	Qual
Nitrite + Nitrate Nitrogen	0.01	0.04	mg/L	<MDL	

LABORATORY DUPLICATE

LD:WG101410-7 L47834-1 Matrix: STORM WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Ammonia Nitrogen	0.25	0.5	mg/L	7.08	7.11	0		20

LABORATORY DUPLICATE

LD:WG101410-7 L47834-1 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.01	0.04	mg/L	0.127	0.126	1		20

MATRIX SPIKE

MS:WG101410-8 L47834-1 Matrix: STORM WTR Listtype: CVNH3-FL Method: KEROUEL & AMINOT 1997

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Ammonia Nitrogen	0.25	0.5	mg/L	7.08	0.1	12.1	100		75--125

MATRIX SPIKE

MS:WG101410-8 L47834-1 Matrix: STORM WTR Listtype: CVNO23 Method: SM4500-NO3-F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Nitrite + Nitrate Nitrogen	0.01	0.04	mg/L	0.127	0.8	0.843	90		75--125

LIMSView Batch Report - Total Nitrogen and Total Phosphorus

WG93191

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L43713-1	421240AB	CVTOTP	FRESH WTR	9/4/2007 9:20	5-Sep-07	6-Sep-07	
L43713-2	421240AB	CVTOTP	FRESH WTR	9/4/2007 9:58	5-Sep-07	6-Sep-07	
L43713-3	421240AB	CVTOTP	FRESH WTR	9/4/2007 9:50	5-Sep-07	6-Sep-07	
L43713-4	421240AB	CVTOTP	FRESH WTR	9/4/2007 11:00	5-Sep-07	6-Sep-07	
L43713-5	421240AB	CVTOTP	FRESH WTR	9/4/2007 11:30	5-Sep-07	6-Sep-07	
L43713-6	421240AB	CVTOTP	FRESH WTR	9/4/2007 11:53	5-Sep-07	6-Sep-07	
L43713-7	421240AB	CVTOTP	FRESH WTR	9/4/2007 12:15	5-Sep-07	6-Sep-07	
L43713-9	421240AB	CVTOTP	FRESH WTR	9/4/2007 13:10	5-Sep-07	6-Sep-07	
L43713-10	421240AB	CVTOTP	FRESH WTR	9/4/2007 13:23	5-Sep-07	6-Sep-07	
L43713-11	421240AB	CVTOTP	FRESH WTR	9/4/2007 13:42	5-Sep-07	6-Sep-07	
L43713-12	421240AB	CVTOTP	FRESH WTR	9/4/2007 14:00	5-Sep-07	6-Sep-07	
L43713-13	421240AB	CVTOTP	FRESH WTR	9/4/2007 14:20	5-Sep-07	6-Sep-07	
L43713-14	421240AB	CVTOTP	FRESH WTR	9/4/2007 14:50	5-Sep-07	6-Sep-07	
L43713-15	421240AB	CVTOTP	FRESH WTR	9/4/2007 14:56	5-Sep-07	6-Sep-07	
L43715-1	421240AA	CVTOTP	FRESH WTR	9/4/2007 9:30	5-Sep-07	6-Sep-07	
L43715-2	421240AA	CVTOTP	FRESH WTR	9/4/2007 9:53	5-Sep-07	6-Sep-07	
L43715-3	421240AA	CVTOTP	FRESH WTR	9/4/2007 10:12	5-Sep-07	6-Sep-07	
L43715-4	421240AA	CVTOTP	FRESH WTR	9/4/2007 10:30	5-Sep-07	6-Sep-07	
L43715-6	421240AA	CVTOTP	FRESH WTR	9/4/2007 11:00	5-Sep-07	6-Sep-07	
L43715-7	421240AA	CVTOTP	FRESH WTR	9/4/2007 11:20	5-Sep-07	6-Sep-07	
L43715-8	421240AA	CVTOTP	FRESH WTR	9/4/2007 11:55	5-Sep-07	6-Sep-07	
L43715-9	421240AA	CVTOTP	FRESH WTR	9/4/2007 12:20	5-Sep-07	6-Sep-07	
L43715-10	421240AA	CVTOTP	FRESH WTR	9/4/2007 12:44	5-Sep-07	6-Sep-07	
L43715-11	421240AA	CVTOTP	FRESH WTR	9/4/2007 13:15	5-Sep-07	6-Sep-07	
L43715-12	421240AA	CVTOTP	FRESH WTR	9/4/2007 13:32	5-Sep-07	6-Sep-07	
L43715-13	421240AA	CVTOTP	FRESH WTR	9/4/2007 13:50	5-Sep-07	6-Sep-07	
L43715-14	421240AA	CVTOTP	FRESH WTR	9/4/2007 14:06	5-Sep-07	6-Sep-07	
L43715-15	421240AA	CVTOTP	FRESH WTR	9/4/2007 10:00	5-Sep-07	6-Sep-07	
L43718-1	421240AE	CVTOTP	FRESH WTR	9/4/2007 10:26	5-Sep-07	6-Sep-07	
L43718-2	421240AE	CVTOTP	FRESH WTR	9/4/2007 10:51	5-Sep-07	6-Sep-07	
L43718-3	421240AE	CVTOTP	FRESH WTR	9/4/2007 12:01	5-Sep-07	6-Sep-07	
L43718-4	421240AE	CVTOTP	FRESH WTR	9/4/2007 12:41	5-Sep-07	6-Sep-07	
L43718-5	421240AE	CVTOTP	FRESH WTR	9/4/2007 13:10	5-Sep-07	6-Sep-07	
L43718-6	421240AE	CVTOTP	FRESH WTR	9/4/2007 13:45	5-Sep-07	6-Sep-07	
L43718-7	421240AE	CVTOTP	FRESH WTR	9/4/2007 14:30	5-Sep-07	6-Sep-07	
L43718-8	421240AE	CVTOTP	FRESH WTR	9/4/2007 14:50	5-Sep-07	6-Sep-07	
L43718-9	421240AE	CVTOTP	FRESH WTR	9/4/2007 15:30	5-Sep-07	6-Sep-07	
L43718-10	421240AE	CVTOTP	FRESH WTR	9/4/2007 15:47	5-Sep-07	6-Sep-07	
L43718-11	421240AE	CVTOTP	FRESH WTR	9/4/2007 12:30	5-Sep-07	6-Sep-07	
L43790-1	423589-090-1	CVTOTP	STORM WTR	9/4/2007 8:17	5-Sep-07	6-Sep-07	
WG93191-1	MB	CVTOTP	BLANK WTR		5-Sep-07	6-Sep-07	MB1 070905
WG93191-2	SB	CVTOTP	BLANK WTR		5-Sep-07	6-Sep-07	WG93191-1
WG93191-3	LCS	CVTOTP	BLANK WTR		5-Sep-07	6-Sep-07	LEVEL1
WG93191-4	LD	CVTOTP	FRESH WTR		5-Sep-07	6-Sep-07	L43713-5
WG93191-5	MS	CVTOTP	FRESH WTR		5-Sep-07	6-Sep-07	L43713-5

LIMSView Batch Report - Total Nitrogen and Total Phosphorus

WG93191-6	MB	CVTOTP	BLANK WTR	5-Sep-07	6-Sep-07	MB2 070905
WG93191-7	LCS	CVTOTP	BLANK WTR	5-Sep-07	6-Sep-07	LEVEL1
WG93191-8	LD	CVTOTP	FRESH WTR	5-Sep-07	6-Sep-07	L43715-14
WG93191-9	MS	CVTOTP	FRESH WTR	5-Sep-07	6-Sep-07	L43715-14
WG93191-10	LD	CVTOTP	STORM WTR	5-Sep-07	6-Sep-07	L43790-1
WG93191-11	MS	CVTOTP	STORM WTR	5-Sep-07	6-Sep-07	L43790-1

WG93675

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L43788-1	421874-100	CVTOTN	FRESH WTR	9/24/2007 6:50	4-Oct-07	5-Oct-07	
L43788-2	421874-100	CVTOTN	FRESH WTR	9/24/2007 7:15	4-Oct-07	5-Oct-07	
L43788-3	421874-100	CVTOTN	FRESH WTR	9/24/2007 7:40	4-Oct-07	5-Oct-07	
L43788-4	421874-100	CVTOTN	FRESH WTR	9/24/2007 6:25	4-Oct-07	5-Oct-07	
L43788-5	421874-100	CVTOTN	FRESH WTR	9/24/2007 8:10	4-Oct-07	5-Oct-07	
L43788-6	421874-100	CVTOTN	FRESH WTR	9/24/2007 8:40	4-Oct-07	5-Oct-07	
L43788-7	421874-100	CVTOTN	FRESH WTR	9/24/2007 8:45	4-Oct-07	5-Oct-07	
L43913-1	423589-090-1	CVTOTN	STORM WTR	9/30/2007 7:27	4-Oct-07	5-Oct-07	
L43913-2	423589-090-1	CVTOTN	STORM WTR	9/30/2007 14:10	4-Oct-07	5-Oct-07	
L44017-1	421235	CVTOTN	FRESH WTR	10/3/2007 13:55	4-Oct-07	5-Oct-07	
L44017-2	421235	CVTOTN	FRESH WTR	10/3/2007 13:49	4-Oct-07	5-Oct-07	
L44017-3	421235	CVTOTN	FRESH WTR	10/3/2007 13:34	4-Oct-07	5-Oct-07	
L44017-4	421235	CVTOTN	FRESH WTR	10/3/2007 13:27	4-Oct-07	5-Oct-07	
L44017-5	421235	CVTOTN	FRESH WTR	10/3/2007 13:13	4-Oct-07	5-Oct-07	
L44017-6	421235	CVTOTN	FRESH WTR	10/3/2007 13:10	4-Oct-07	5-Oct-07	
L44017-7	421235	CVTOTN	FRESH WTR	10/3/2007 13:06	4-Oct-07	5-Oct-07	
L44017-8	421235	CVTOTN	FRESH WTR	10/3/2007 13:01	4-Oct-07	5-Oct-07	
L44017-9	421235	CVTOTN	FRESH WTR	10/3/2007 12:56	4-Oct-07	5-Oct-07	
L44017-10	421235	CVTOTN	FRESH WTR	10/3/2007 12:51	4-Oct-07	5-Oct-07	
L44017-12	421235	CVTOTN	FRESH WTR	10/3/2007 12:23	4-Oct-07	5-Oct-07	
L44017-13	421235	CVTOTN	FRESH WTR	10/3/2007 12:25	4-Oct-07	5-Oct-07	FREP@L44017-12
L44017-14	421235	CVTOTN	FRESH WTR	10/3/2007 12:16	4-Oct-07	5-Oct-07	
L44017-15	421235	CVTOTN	FRESH WTR	10/3/2007 11:55	4-Oct-07	5-Oct-07	
L44017-16	421235	CVTOTN	FRESH WTR	10/3/2007 11:51	4-Oct-07	5-Oct-07	
L44017-17	421235	CVTOTN	FRESH WTR	10/3/2007 11:30	4-Oct-07	5-Oct-07	
L44017-18	421235	CVTOTN	FRESH WTR	10/3/2007 11:24	4-Oct-07	5-Oct-07	
L44017-19	421235	CVTOTN	FRESH WTR	10/3/2007 11:17	4-Oct-07	5-Oct-07	
L44017-20	421235	CVTOTN	FRESH WTR	10/3/2007 11:14	4-Oct-07	5-Oct-07	
L44017-21	421235	CVTOTN	FRESH WTR	10/3/2007 11:07	4-Oct-07	5-Oct-07	
L44017-22	421235	CVTOTN	FRESH WTR	10/3/2007 11:03	4-Oct-07	5-Oct-07	
L44017-24	421235	CVTOTN	FRESH WTR	10/3/2007 10:32	4-Oct-07	5-Oct-07	
WG93675-1	MB	CVTOTN	BLANK WTR	4-Oct-07	5-Oct-07	MB1 071004	
WG93675-2	SB	CVTOTN	BLANK WTR	4-Oct-07	5-Oct-07	WG93675-1	
WG93675-3	LCS	CVTOTN	BLANK WTR	4-Oct-07	5-Oct-07	LEVEL1	
WG93675-4	LD	CVTOTN	FRESH WTR	4-Oct-07	5-Oct-07	L44017-2	
WG93675-5	MS	CVTOTN	FRESH WTR	4-Oct-07	5-Oct-07	L44017-2	
WG93675-6	MB	CVTOTN	BLANK WTR	4-Oct-07	5-Oct-07	MB2 071004	
WG93675-7	LCS	CVTOTN	BLANK WTR	4-Oct-07	5-Oct-07	LEVEL1	

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WG93675-8	LD	CVTOTN	FRESH WTR	4-Oct-07	5-Oct-07	L44017-22
WG93675-9	MS	CVTOTN	FRESH WTR	4-Oct-07	5-Oct-07	L44017-22
WG93675-10	LD	CVTOTN	FRESH WTR	4-Oct-07	5-Oct-07	L43788-2
WG93675-11	MS	CVTOTN	FRESH WTR	4-Oct-07	5-Oct-07	L43788-2
WG93675-12	LD	CVTOTN	STORM WTR	4-Oct-07	5-Oct-07	L43913-1
WG93675-13	MS	CVTOTP	STORM WTR	4-Oct-07	5-Oct-07	L43913-1

WG94586

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L42986-1	421240BA	CVTOTP	STORM WTR	12/3/2007 9:35	4-Dec-07	5-Dec-07	
L42986-3	421240BA	CVTOTP	STORM WTR	12/3/2007 11:20	4-Dec-07	5-Dec-07	
L42986-7	421240BA	CVTOTP	STORM WTR	12/3/2007 14:00	4-Dec-07	5-Dec-07	
L42986-8	421240BA	CVTOTP	STORM WTR	12/3/2007 14:39	4-Dec-07	5-Dec-07	
L42986-9	421240BA	CVTOTP	STORM WTR	12/3/2007 15:20	4-Dec-07	5-Dec-07	
L42986-10	421240BA	CVTOTP	STORM WTR	12/3/2007 15:30	4-Dec-07	5-Dec-07	
L42987-1	421240BA	CVTOTP	STORM WTR	12/3/2007 9:20	4-Dec-07	5-Dec-07	
L42987-2	421240BA	CVTOTP	STORM WTR	12/3/2007 9:53	4-Dec-07	5-Dec-07	
L42987-3	421240BA	CVTOTP	STORM WTR	12/3/2007 10:22	4-Dec-07	5-Dec-07	
L42987-4	421240BA	CVTOTP	STORM WTR	12/3/2007 10:50	4-Dec-07	5-Dec-07	
L42987-5	421240BA	CVTOTP	STORM WTR	12/3/2007 11:21	4-Dec-07	5-Dec-07	
L42987-6	421240BA	CVTOTP	STORM WTR	12/3/2007 11:39	4-Dec-07	5-Dec-07	
L42987-7	421240BA	CVTOTP	STORM WTR	12/3/2007 12:07	4-Dec-07	5-Dec-07	
L42987-8	421240BA	CVTOTP	STORM WTR	12/3/2007 12:43	4-Dec-07	5-Dec-07	
L42987-9	421240BA	CVTOTP	STORM WTR	12/3/2007 10:23	4-Dec-07	5-Dec-07	
L42988-1	421240BC	CVTOTP	STORM WTR	12/3/2007 10:18	4-Dec-07	5-Dec-07	
L42988-2	421240BC	CVTOTP	STORM WTR	12/3/2007 10:45	4-Dec-07	5-Dec-07	
L42988-3	421240BC	CVTOTP	STORM WTR	12/3/2007 11:08	4-Dec-07	5-Dec-07	
L42988-4	421240BC	CVTOTP	STORM WTR	12/3/2007 11:45	4-Dec-07	5-Dec-07	
L42988-5	421240BC	CVTOTP	STORM WTR	12/3/2007 12:11	4-Dec-07	5-Dec-07	
L42988-6	421240BC	CVTOTP	STORM WTR	12/3/2007 12:36	4-Dec-07	5-Dec-07	
L42988-7	421240BC	CVTOTP	STORM WTR	12/3/2007 13:31	4-Dec-07	5-Dec-07	
L42988-8	421240BC	CVTOTP	STORM WTR	12/3/2007 13:53	4-Dec-07	5-Dec-07	
L42988-9	421240BC	CVTOTP	STORM WTR	12/3/2007 14:27	4-Dec-07	5-Dec-07	
L42988-10	421240BC	CVTOTP	STORM WTR	12/3/2007 14:51	4-Dec-07	5-Dec-07	
L42988-11	421240BC	CVTOTP	STORM WTR	12/3/2007 13:56	4-Dec-07	5-Dec-07	
L42989-1	421240BB	CVTOTP	STORM WTR	12/3/2007 9:55	4-Dec-07	5-Dec-07	
L42989-2	421240BB	CVTOTP	STORM WTR	12/3/2007 10:40	4-Dec-07	5-Dec-07	
L42989-3	421240BB	CVTOTP	STORM WTR	12/3/2007 11:11	4-Dec-07	5-Dec-07	
L42989-4	421240BB	CVTOTP	STORM WTR	12/3/2007 11:42	4-Dec-07	5-Dec-07	
L42989-5	421240BB	CVTOTP	STORM WTR	12/3/2007 12:06	4-Dec-07	5-Dec-07	
L42989-6	421240BB	CVTOTP	STORM WTR	12/3/2007 12:18	4-Dec-07	5-Dec-07	
L42989-7	421240BB	CVTOTP	STORM WTR	12/3/2007 12:58	4-Dec-07	5-Dec-07	
L42989-8	421240BB	CVTOTP	STORM WTR	12/3/2007 13:48	4-Dec-07	5-Dec-07	
L42989-9	421240BB	CVTOTP	STORM WTR	12/3/2007 14:33	4-Dec-07	5-Dec-07	
L42989-10	421240BB	CVTOTP	STORM WTR	12/3/2007 12:20	4-Dec-07	5-Dec-07	
L44133-1	423589-090-1	CVTOTN	STORM WTR	12/2/2007 18:55	4-Dec-07	5-Dec-07	
L44133-2	423589-090-1	CVTOTN	STORM WTR	12/2/2007 11:44	4-Dec-07	5-Dec-07	

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L44133-3	423589-090-1	CVTOTN	STORM WTR	12/2/2007 11:24	4-Dec-07	5-Dec-07	
L44133-4	423589-090-1	CVTOTN	STORM WTR	12/2/2007 11:24	4-Dec-07	5-Dec-07	
L44673-1	421195AM	CVTOTP	FRESH WTR	12/3/2007 11:09	4-Dec-07	5-Dec-07	
L44673-2	421195AM	CVTOTP	FRESH WTR	12/3/2007 10:48	4-Dec-07	5-Dec-07	
L44673-3	421195AM	CVTOTP	FRESH WTR	12/3/2007 10:40	4-Dec-07	5-Dec-07	
L44673-4	421195AM	CVTOTP	FRESH WTR	12/3/2007 10:25	4-Dec-07	5-Dec-07	
L44767-1	421195CS	CVTOTP	STORM WTR	12/3/2007 15:38	4-Dec-07	5-Dec-07	
L44767-2	421195CS	CVTOTP	STORM WTR	12/3/2007 15:30	4-Dec-07	5-Dec-07	
WG94586-1	MB	CVTOTP	BLANK WTR		4-Dec-07	5-Dec-07	MB1 071204
WG94586-2	SB	CVTOTP	BLANK WTR		4-Dec-07	5-Dec-07	WG94586-1
WG94586-3	LCS	CVTOTP	BLANK WTR		4-Dec-07	5-Dec-07	LEVEL1
WG94586-4	LD	CVTOTP	STORM WTR		4-Dec-07	5-Dec-07	L42987-1
WG94586-5	MS	CVTOTP	STORM WTR		4-Dec-07	5-Dec-07	L42987-1
WG94586-6	MB	CVTOTP	BLANK WTR		4-Dec-07	5-Dec-07	MB2 071204
WG94586-7	LCS	CVTOTP	BLANK WTR		4-Dec-07	5-Dec-07	LEVEL1
WG94586-8	LD	CVTOTP	STORM WTR		4-Dec-07	5-Dec-07	L42989-2
WG94586-9	MS	CVTOTP	STORM WTR		4-Dec-07	5-Dec-07	L42989-2
WG94586-10	LD	CVTOTN	STORM WTR		4-Dec-07	5-Dec-07	L44133-2
WG94586-11	MS	CVTOTN	STORM WTR		4-Dec-07	5-Dec-07	L44133-2
WG94586-12	MB	CVTOTP	BLANK WTR		4-Dec-07	5-Dec-07	MB3 071204
WG94586-13	LCS	CVTOTP	BLANK WTR		4-Dec-07	5-Dec-07	LEVEL1
WG94586-14	LD	CVTOTP	FRESH WTR		4-Dec-07	5-Dec-07	L44673-3
WG94586-15	MS	CVTOTP	FRESH WTR		4-Dec-07	5-Dec-07	L44673-3
WG94586-16	LD	CVTOTP	STORM WTR		4-Dec-07	5-Dec-07	L44767-1
WG94586-17	MS	CVTOTP	STORM WTR		4-Dec-07	5-Dec-07	L44767-1

WG94653

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L42913-1	423575-850-4	CVTOTP	STORM WTR	12/4/2007 15:35	6-Dec-07	7-Dec-07	
L44100-6	423484-850-4	CVTOTP	STORM WTR	12/4/2007 13:55	6-Dec-07	7-Dec-07	
L44100-8	423484-850-4	CVTOTP	STORM WTR	12/4/2007 14:45	6-Dec-07	7-Dec-07	
L44133-1	423589-090-1	CVTOTP	STORM WTR	12/2/2007 18:55	6-Dec-07	7-Dec-07	
L44133-2	423589-090-1	CVTOTP	STORM WTR	12/2/2007 11:44	6-Dec-07	7-Dec-07	
L44133-3	423589-090-1	CVTOTP	STORM WTR	12/2/2007 11:24	6-Dec-07	7-Dec-07	
L44133-4	423589-090-1	CVTOTP	STORM WTR	12/2/2007 11:24	6-Dec-07	7-Dec-07	
L44136-1	421195CI2	CVTOTP	FRESH WTR	12/2/2007 16:25	6-Dec-07	7-Dec-07	
L44136-2	421195CI2	CVTOTP	FRESH WTR	12/2/2007 16:15	6-Dec-07	7-Dec-07	
L44136-3	421195CI2	CVTOTP	FRESH WTR	12/2/2007 16:40	6-Dec-07	7-Dec-07	
L44672-1	421195AM	CVTOTP	FRESH WTR	12/4/2007 11:18	6-Dec-07	7-Dec-07	
L44672-2	421195AM	CVTOTP	FRESH WTR	12/4/2007 11:21	6-Dec-07	7-Dec-07	
L44672-3	421195AM	CVTOTP	FRESH WTR	12/4/2007 11:25	6-Dec-07	7-Dec-07	
L44672-4	421195AM	CVTOTP	FRESH WTR	12/4/2007 11:30	6-Dec-07	7-Dec-07	
WG94653-1	MB	CVTOTP	BLANK WTR		6-Dec-07	7-Dec-07	MB3 071206
WG94653-2	SB	CVTOTP	BLANK WTR		6-Dec-07	7-Dec-07	WG94653-1
WG94653-3	LCS	CVTOTP	BLANK WTR		6-Dec-07	7-Dec-07	LEVEL1
WG94653-4	LD	CVTOTP	STORM WTR		6-Dec-07	7-Dec-07	L44100-6
WG94653-5	MS	CVTOTP	STORM WTR		6-Dec-07	7-Dec-07	L44100-6

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WG94653-6	LD	CVTOTP	STORM WTR	6-Dec-07	7-Dec-07	L42913-1
WG94653-7	MS	CVTOTP	STORM WTR	6-Dec-07	7-Dec-07	L42913-1
WG94653-8	LD	CVTOTP	FRESH WTR	6-Dec-07	7-Dec-07	L44672-4
WG94653-9	MS	CVTOTP	FRESH WTR	6-Dec-07	7-Dec-07	L44672-4
WG94653-10	LD	CVTOTP	STORM WTR	6-Dec-07	7-Dec-07	L44133-2
WG94653-11	MS	CVTOTP	STORM WTR	6-Dec-07	7-Dec-07	L44133-2
WG94653-12	LD	CVTOTP	FRESH WTR	6-Dec-07	7-Dec-07	L44136-1
WG94653-13	MS	CVTOTP	FRESH WTR	6-Dec-07	7-Dec-07	L44136-1

WG97367

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L44912-6	423589-090-1	CVTOTN	STORM WTR	6/3/2008 9:09	11-Jun-08	13-Jun-08	
L45601-9	421195CI2	CVTOTP	FRESH WTR	6/2/2008 10:20	11-Jun-08	13-Jun-08	
WG97367-1	MB	CVTOTN	BLANK WTR		11-Jun-08	13-Jun-08	MB1 080611
WG97367-2	SB	CVTOTN	BLANK WTR		11-Jun-08	13-Jun-08	WG97367-1
WG97367-3	LCS	CVTOTN	BLANK WTR		11-Jun-08	13-Jun-08	LEVEL1
WG97367-4	LD	CVTOTP	FRESH WTR		11-Jun-08	13-Jun-08	L45601-9
WG97367-5	MS	CVTOTP	FRESH WTR		11-Jun-08	13-Jun-08	L45601-9
WG97367-6	LD	CVTOTN	STORM WTR		11-Jun-08	13-Jun-08	L44912-6
WG97367-7	MS	CVTOTN	STORM WTR		11-Jun-08	13-Jun-08	L44912-6

WG98219

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L45811-1	423589-090-1	CVTOTP	STORM WTR	8/19/2008 22:14	26-Aug-08	27-Aug-08	
L45811-3	423589-090-1	CVTOTP	STORM WTR	8/20/2008 1:35	21-Aug-08	22-Aug-08	
L45811-6	423589-090-1	CVTOTP	STORM WTR	8/20/2008 1:01	21-Aug-08	22-Aug-08	
L45934-1	421240BA	CVTOTP	STORM WTR	8/20/2008 10:03	21-Aug-08	22-Aug-08	
L45934-2	421240BA	CVTOTP	STORM WTR	8/20/2008 11:00	21-Aug-08	22-Aug-08	
L45934-3	421240BA	CVTOTP	STORM WTR	8/20/2008 11:35	21-Aug-08	22-Aug-08	
L45934-4	421240BA	CVTOTP	STORM WTR	8/20/2008 12:35	21-Aug-08	22-Aug-08	
L45934-5	421240BA	CVTOTP	STORM WTR	8/20/2008 13:00	21-Aug-08	22-Aug-08	
L45934-6	421240BA	CVTOTP	STORM WTR	8/20/2008 13:30	21-Aug-08	22-Aug-08	
L45934-7	421240BA	CVTOTP	STORM WTR	8/20/2008 14:05	21-Aug-08	22-Aug-08	
L45934-8	421240BA	CVTOTP	STORM WTR	8/20/2008 14:23	21-Aug-08	22-Aug-08	
L45934-9	421240BA	CVTOTP	STORM WTR	8/20/2008 14:57	21-Aug-08	22-Aug-08	
L45934-10	421240BA	CVTOTP	STORM WTR	8/20/2008 15:05	21-Aug-08	22-Aug-08	
L45935-1	421240BA	CVTOTP	STORM WTR	8/20/2008 9:44	21-Aug-08	22-Aug-08	
L45935-2	421240BA	CVTOTP	STORM WTR	8/20/2008 10:10	21-Aug-08	22-Aug-08	
L45935-3	421240BA	CVTOTP	STORM WTR	8/20/2008 10:40	21-Aug-08	22-Aug-08	
L45935-4	421240BA	CVTOTP	STORM WTR	8/20/2008 11:00	21-Aug-08	22-Aug-08	
L45935-5	421240BA	CVTOTP	STORM WTR	8/20/2008 11:25	21-Aug-08	22-Aug-08	
L45935-6	421240BA	CVTOTP	STORM WTR	8/20/2008 11:45	21-Aug-08	22-Aug-08	
L45935-7	421240BA	CVTOTP	STORM WTR	8/20/2008 12:15	21-Aug-08	22-Aug-08	
L45935-8	421240BA	CVTOTP	STORM WTR	8/20/2008 13:51	21-Aug-08	22-Aug-08	
L45935-9	421240BA	CVTOTP	STORM WTR	8/20/2008 10:45	21-Aug-08	22-Aug-08	
L45936-1	421240BC	CVTOTP	STORM WTR	8/20/2008 10:20	21-Aug-08	22-Aug-08	

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L45936-2	421240BC	CVTOTP	STORM WTR	8/20/2008 10:48	21-Aug-08	22-Aug-08	
L45936-3	421240BC	CVTOTP	STORM WTR	8/20/2008 11:09	21-Aug-08	22-Aug-08	
L45936-4	421240BC	CVTOTP	STORM WTR	8/20/2008 11:37	21-Aug-08	22-Aug-08	
L45936-5	421240BC	CVTOTP	STORM WTR	8/20/2008 12:12	21-Aug-08	22-Aug-08	
L45936-6	421240BC	CVTOTP	STORM WTR	8/20/2008 12:26	21-Aug-08	22-Aug-08	
L45936-7	421240BC	CVTOTP	STORM WTR	8/20/2008 13:06	21-Aug-08	22-Aug-08	
L45936-8	421240BC	CVTOTP	STORM WTR	8/20/2008 13:28	21-Aug-08	22-Aug-08	
L45936-9	421240BC	CVTOTP	STORM WTR	8/20/2008 13:22	21-Aug-08	22-Aug-08	
L45936-10	421240BC	CVTOTP	STORM WTR	8/20/2008 14:05	21-Aug-08	22-Aug-08	
L45936-11	421240BC	CVTOTP	STORM WTR	8/20/2008 14:09	21-Aug-08	22-Aug-08	
L45938-1	421240BB	CVTOTP	STORM WTR	8/20/2008 9:21	21-Aug-08	22-Aug-08	
L45938-2	421240BB	CVTOTP	STORM WTR	8/20/2008 10:11	21-Aug-08	22-Aug-08	
L45938-3	421240BB	CVTOTP	STORM WTR	8/20/2008 10:49	21-Aug-08	22-Aug-08	
L45938-4	421240BB	CVTOTP	STORM WTR	8/20/2008 11:32	21-Aug-08	22-Aug-08	
L45938-5	421240BB	CVTOTP	STORM WTR	8/20/2008 12:15	21-Aug-08	22-Aug-08	
L45938-6	421240BB	CVTOTP	STORM WTR	8/20/2008 12:30	21-Aug-08	22-Aug-08	
L45938-7	421240BB	CVTOTP	STORM WTR	8/20/2008 12:46	21-Aug-08	22-Aug-08	
L45938-8	421240BB	CVTOTP	STORM WTR	8/20/2008 13:44	21-Aug-08	22-Aug-08	
L45938-9	421240BB	CVTOTP	STORM WTR	8/20/2008 14:35	21-Aug-08	22-Aug-08	
L45938-10	421240BB	CVTOTP	STORM WTR	8/20/2008 11:34	21-Aug-08	22-Aug-08	
WG98219-1	MB	CVTOTP	BLANK WTR		21-Aug-08	22-Aug-08	MB1 080821
WG98219-2	SB	CVTOTP	BLANK WTR		21-Aug-08	22-Aug-08	WG98219-1
WG98219-3	LCS	CVTOTP	BLANK WTR		21-Aug-08	22-Aug-08	LEVEL1
WG98219-4	LD	CVTOTN	STORM WTR		21-Aug-08	22-Aug-08	L45811-1
WG98219-5	MS	CVTOTN	STORM WTR		21-Aug-08	22-Aug-08	L45811-1
WG98219-6	LD	CVTOTP	STORM WTR		21-Aug-08	22-Aug-08	L45934-9
WG98219-7	MS	CVTOTP	STORM WTR		21-Aug-08	22-Aug-08	L45934-9
WG98219-8	MB	CVTOTP	BLANK WTR		21-Aug-08	22-Aug-08	MB2 080821
WG98219-9	LCS	CVTOTP	BLANK WTR		21-Aug-08	22-Aug-08	LEVEL1
WG98219-10	LD	CVTOTP	STORM WTR		21-Aug-08	22-Aug-08	L45936-10
WG98219-11	MS	CVTOTP	STORM WTR		21-Aug-08	22-Aug-08	L45936-10
WG98219-12	MB	CVTOTP	BLANK WTR		21-Aug-08	22-Aug-08	MB3 080821
WG98219-13	LCS	CVTOTP	BLANK WTR		21-Aug-08	22-Aug-08	LEVEL1
WG98219-14	MB	CVTOTP	BLANK WTR		26-Aug-08	27-Aug-08	MB1 080826
WG98219-15	SB	CVTOTP	BLANK WTR		26-Aug-08	27-Aug-08	WG98219-14
WG98219-16	LCS	CVTOTP	BLANK WTR		26-Aug-08	27-Aug-08	LEVEL1
WG98219-17	LD	CVTOTP	STORM WTR		26-Aug-08	27-Aug-08	L45811-1
WG98219-18	MS	CVTOTP	STORM WTR		26-Aug-08	27-Aug-08	L45811-1

WG99597

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L46418-3	423589-090-1	CVTOTP	STORM WTR	11/4/2008 5:34	13-Nov-08	14-Nov-08	
L46418-6	423589-090-1	CVTOTP	STORM WTR	11/4/2008 4:14	13-Nov-08	14-Nov-08	
L46805-1	421195CV	CVTOTP	STORM WTR	11/6/2008 2:40	13-Nov-08	14-Nov-08	
L46805-2	421195CV	CVTOTP	STORM WTR	11/6/2008 8:00	13-Nov-08	14-Nov-08	
L46805-3	421195CV	CVTOTP	STORM WTR	11/6/2008 1:45	13-Nov-08	14-Nov-08	

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L46805-4	421195CV	CVTOTP	STORM WTR	11/6/2008 7:22	13-Nov-08	14-Nov-08	
L46853-1	421235	CVTOTP	FRESH WTR	11/12/2008 11:08	13-Nov-08	14-Nov-08	
L46853-2	421235	CVTOTP	FRESH WTR	11/12/2008 11:09	13-Nov-08	14-Nov-08	
L46853-3	421235	CVTOTP	FRESH WTR	11/12/2008 10:47	13-Nov-08	14-Nov-08	
L46853-4	421235	CVTOTP	FRESH WTR	11/12/2008 10:48	13-Nov-08	14-Nov-08	FREP@L46853-3
L46853-5	421235	CVTOTP	FRESH WTR	11/12/2008 10:46	13-Nov-08	14-Nov-08	
L46853-6	421235	CVTOTP	FRESH WTR	11/12/2008 10:24	13-Nov-08	14-Nov-08	
L46853-7	421235	CVTOTP	FRESH WTR	11/12/2008 10:23	13-Nov-08	14-Nov-08	
L46853-8	421235	CVTOTP	FRESH WTR	11/12/2008 10:16	13-Nov-08	14-Nov-08	
L46853-9	421235	CVTOTP	FRESH WTR	11/12/2008 10:15	13-Nov-08	14-Nov-08	
L46853-11	421235	CVTOTP	FRESH WTR	11/12/2008 9:53	13-Nov-08	14-Nov-08	
L46853-12	421235	CVTOTP	FRESH WTR	11/12/2008 9:54	13-Nov-08	14-Nov-08	
L46853-13	421235	CVTOTP	FRESH WTR	11/12/2008 9:25	13-Nov-08	14-Nov-08	
L46853-14	421235	CVTOTP	FRESH WTR	11/12/2008 9:26	13-Nov-08	14-Nov-08	
L46866-1	421195CS	CVTOTP	STORM WTR	11/6/2008 0:00	13-Nov-08	14-Nov-08	
L46866-2	421195CS	CVTOTP	STORM WTR	11/6/2008 0:00	13-Nov-08	14-Nov-08	
L46918-1	423589-090-1	CVTOTP	STORM WTR	11/6/2008 14:58	13-Nov-08	14-Nov-08	
L46918-3	423589-090-1	CVTOTP	STORM WTR	11/6/2008 16:05	13-Nov-08	14-Nov-08	
L46918-5	423589-090-1	CVTOTP	STORM WTR	11/6/2008 20:28	13-Nov-08	14-Nov-08	
L46918-6	423589-090-1	CVTOTP	STORM WTR	11/6/2008 15:42	13-Nov-08	14-Nov-08	
WG99597-1	MB	CVTOTP	BLANK WTR		13-Nov-08	14-Nov-08	MB2 081113
WG99597-2	SB	CVTOTP	BLANK WTR		13-Nov-08	14-Nov-08	WG99597-1
WG99597-3	LCS	CVTOTP	BLANK WTR		13-Nov-08	14-Nov-08	LEVEL1
WG99597-4	LD	CVTOTP	FRESH WTR		13-Nov-08	14-Nov-08	L46853-14
WG99597-5	MS	CVTOTP	FRESH WTR		13-Nov-08	14-Nov-08	L46853-14
WG99597-6	MB	CVTOTP	BLANK WTR		13-Nov-08	14-Nov-08	MB1 081113
WG99597-7	SB	CVTOTP	BLANK WTR		13-Nov-08	14-Nov-08	WG99597-6
WG99597-8	LCS	CVTOTP	BLANK WTR		13-Nov-08	14-Nov-08	LEVEL1
WG99597-9	LD	CVTOTP	STORM WTR		13-Nov-08	14-Nov-08	L46805-3
WG99597-10	MS	CVTOTP	STORM WTR		13-Nov-08	14-Nov-08	L46805-3
WG99597-11	LD	CVTOTP	STORM WTR		13-Nov-08	14-Nov-08	L46866-1
WG99597-12	MS	CVTOTP	STORM WTR		13-Nov-08	14-Nov-08	L46866-1
WG99597-13	LD	CVTOTP	STORM WTR		13-Nov-08	14-Nov-08	L46418-3
WG99597-14	MS	CVTOTP	STORM WTR		13-Nov-08	14-Nov-08	L46418-3

WG100210

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L47184-1	421422-CHLS-M	CVTOTP	LEACHATE	1/14/2009 6:55	1/14/2009 13:30	1/15/2009 11:38	
L47184-3	421422-CHLS-M	CVTOTP	LEACHATE	1/14/2009 7:15	1/14/2009 13:30	1/15/2009 11:42	
L47121-1	421195CI2	CVTOTP	FRESH WTR	1/11/2009 13:00	1/14/2009 10:55	1/15/2009 10:17	
L47121-2	421195CI2	CVTOTP	FRESH WTR	1/11/2009 13:15	1/14/2009 10:55	1/15/2009 10:18	
L47121-3	421195CI2	CVTOTP	FRESH WTR	1/11/2009 13:30	1/14/2009 10:55	1/15/2009 10:20	
L47144-1	421195CS	CVTOTP	FRESH WTR	1/13/2009 10:27	1/14/2009 10:55	1/15/2009 10:21	
L47144-2	421195CS	CVTOTP	FRESH WTR	1/13/2009 10:11	1/14/2009 10:55	1/15/2009 10:23	
L47146-1	421195AM	CVTOTP	FRESH WTR	1/13/2009 11:56	1/14/2009 10:55	1/15/2009 10:24	
L47146-3	421195AM	CVTOTP	FRESH WTR	1/13/2009 12:15	1/14/2009 10:55	1/15/2009 10:26	
L47146-4	421195AM	CVTOTP	FRESH WTR	1/13/2009 12:46	1/14/2009 10:55	1/15/2009 10:30	

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L47169-3	423484-850-4	CVTOTP	STORM WTR	1/8/2009 10:40	1/14/2009 10:55	1/15/2009 10:38	
L47175-1	421195AM	CVTOTP	STORM WTR	1/7/2009 10:38	1/14/2009 10:55	1/15/2009 10:00	
L47175-3	421195AM	CVTOTP	STORM WTR	1/7/2009 11:02	1/14/2009 10:55	1/15/2009 10:02	
L47175-4	421195AM	CVTOTP	STORM WTR	1/7/2009 11:13	1/14/2009 10:55	1/15/2009 10:03	
L47190-2	423589-090-1	CVTOTP	STORM WTR	1/7/2009 18:15	1/14/2009 10:55	1/15/2009 10:44	
L47190-4	423589-090-1	CVTOTP	STORM WTR	1/7/2009 19:19	1/14/2009 10:55	1/15/2009 10:45	
L47222-1	421235	CVTOTP	FRESH WTR	1/13/2009 8:35	1/14/2009 10:55	1/15/2009 8:57	
L47222-2	421235	CVTOTP	FRESH WTR	1/13/2009 8:32	1/14/2009 10:55	1/15/2009 8:59	
L47222-3	421235	CVTOTP	FRESH WTR	1/13/2009 9:01	1/14/2009 10:55	1/15/2009 9:00	
L47222-4	421235	CVTOTP	FRESH WTR	1/13/2009 9:09	1/14/2009 10:55	1/15/2009 9:02	
L47222-5	421235	CVTOTP	FRESH WTR	1/13/2009 9:23	1/14/2009 10:55	1/15/2009 9:03	
L47222-6	421235	CVTOTP	FRESH WTR	1/13/2009 9:27	1/14/2009 10:55	1/15/2009 9:05	
L47222-8	421235	CVTOTP	FRESH WTR	1/13/2009 9:58	1/14/2009 10:55	1/15/2009 9:15	
L47222-9	421235	CVTOTP	FRESH WTR	1/13/2009 10:02	1/14/2009 10:55	1/15/2009 9:17	
L47222-10	421235	CVTOTP	FRESH WTR	1/13/2009 10:39	1/14/2009 10:55	1/15/2009 9:18	
L47222-11	421235	CVTOTP	FRESH WTR	1/13/2009 11:00	1/14/2009 10:55	1/15/2009 9:20	
L47222-13	421235	CVTOTP	FRESH WTR	1/13/2009 11:53	1/14/2009 10:55	1/15/2009 9:21	
L47222-14	421235	CVTOTP	FRESH WTR	1/13/2009 11:52	1/14/2009 10:55	1/15/2009 9:23	
L47222-15	421235	CVTOTP	FRESH WTR	1/13/2009 11:50	1/14/2009 10:55	1/15/2009 9:24	
L47222-17	421235	CVTOTP	FRESH WTR	1/13/2009 12:24	1/14/2009 10:55	1/15/2009 9:26	
L47222-19	421235	CVTOTP	FRESH WTR	1/13/2009 13:10	1/14/2009 10:55	1/15/2009 9:27	
L47222-20	421235	CVTOTP	FRESH WTR	1/13/2009 13:09	1/14/2009 10:55	1/15/2009 9:35	
L47222-22	421235	CVTOTP	FRESH WTR	1/13/2009 10:57	1/14/2009 10:55	1/15/2009 9:36	
L47222-23	421235	CVTOTP	FRESH WTR	1/13/2009 10:50	1/14/2009 10:55	1/15/2009 9:38	
L47222-25	421235	CVTOTP	FRESH WTR	1/13/2009 11:21	1/14/2009 10:55	1/15/2009 9:39	
L47222-26	421235	CVTOTP	FRESH WTR	1/13/2009 11:17	1/14/2009 10:55	1/15/2009 9:41	
WG100210-1	MB	CVTOTP	BLANK WTR		1/14/2009 10:55	1/15/2009 8:53	MB2 01/14/09
WG100210-2	SB	CVTOTP	BLANK WTR		1/14/2009 10:55	1/15/2009 8:54	WG100210-1
WG100210-3	LCS	CVTOTP	BLANK WTR		1/14/2009 10:55	1/15/2009 8:56	LEVEL1
WG100210-4	LD	CVTOTP	FRESH WTR		1/14/2009 10:55	1/15/2009 9:06	L47222-6
WG100210-5	MS	CVTOTP	FRESH WTR		1/14/2009 10:55	1/15/2009 9:14	L47222-6
WG100210-6	MB	CVTOTP	BLANK WTR		1/14/2009 10:55	1/15/2009 9:42	MB1 01/14/09
WG100210-7	SB	CVTOTP	BLANK WTR		1/14/2009 10:55	1/15/2009 9:44	WG100210-6
WG100210-8	LCS	CVTOTP	BLANK WTR		1/14/2009 10:55	1/15/2009 9:45	LEVEL1
WG100210-9	LD	CVTOTP	FRESH WTR		1/14/2009 10:55	1/15/2009 10:27	L47146-3
WG100210-10	MS	CVTOTP	FRESH WTR		1/14/2009 10:55	1/15/2009 10:29	L47146-3
WG100210-11	LD	CVTOTP	STORM WTR		1/14/2009 10:55	1/15/2009 10:39	L47169-3
WG100210-12	MS	CVTOTP	STORM WTR		1/14/2009 10:55	1/15/2009 10:41	L47169-3
WG100210-13	LD	CVTOTP	STORM WTR		1/14/2009 10:55	1/15/2009 10:47	L47190-4
WG100210-14	MS	CVTOTP	STORM WTR		1/14/2009 10:55	1/15/2009 10:48	L47190-4
WG100210-15	MB	CVTOTP	BLANK WTR		1/14/2009 13:30	1/15/2009 10:59	MB3 01/14/09
WG100210-16	SB	CVTOTP	BLANK WTR		1/14/2009 13:30	1/15/2009 11:00	WG100210-15
WG100210-17	LCS	CVTOTP	BLANK WTR		1/14/2009 13:30	1/15/2009 11:02	LEVEL1
WG100210-18	LD	CVTOTP	LEACHATE		1/14/2009 13:30	1/15/2009 11:39	L47184-1
WG100210-19	MS	CVTOTP	LEACHATE		1/14/2009 13:30	1/15/2009 11:41	L47184-1

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WG101459

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L46981-1	421195AM	CVTOTP	STORM WTR	4/2/2009 11:45	4/7/2009 11:20	4/8/2009 11:08	
L46981-2	421195AM	CVTOTP	STORM WTR	4/2/2009 10:30	4/7/2009 11:20	4/8/2009 11:10	
L46981-3	421195AM	CVTOTP	STORM WTR	4/2/2009 10:08	4/7/2009 11:20	4/8/2009 11:17	
L46981-4	421195AM	CVTOTP	STORM WTR	4/2/2009 9:52	4/7/2009 11:20	4/8/2009 11:19	
L47595-1	421195CI2	CVTOTP	FRESH WTR	4/5/2009 15:00	4/7/2009 11:20	4/8/2009 9:58	
L47595-2	421195CI2	CVTOTP	FRESH WTR	4/5/2009 14:50	4/7/2009 11:20	4/8/2009 9:59	
L47595-3	421195CI2	CVTOTP	FRESH WTR	4/5/2009 15:10	4/7/2009 11:20	4/8/2009 10:04	
L47597-2	423589-090-1	CVTOTP	STORM WTR	4/2/2009 18:58	4/7/2009 12:40	4/8/2009 11:44	
L47597-3	423589-090-1	CVTOTP	STORM WTR	4/2/2009 19:28	4/7/2009 12:40	4/8/2009 12:17	
L47597-4	423589-090-1	CVTOTP	STORM WTR	4/2/2009 19:28	4/7/2009 12:40	4/8/2009 11:50	FREP @ L47597-3
L47597-5	423589-090-1	CVTOTP	STORM WTR	4/2/2009 17:53	4/7/2009 11:20	4/8/2009 12:16	
L47620-1	421195CS	CVTOTP	FRESH WTR	4/7/2009 10:30	4/7/2009 12:40	4/8/2009 11:38	
L47620-2	421195CS	CVTOTP	FRESH WTR	4/7/2009 10:08	4/7/2009 12:40	4/8/2009 11:40	
L47735-1	421195CS	CVTOTP	STORM WTR	4/1/2009 23:54	4/7/2009 11:20	4/8/2009 11:23	
L47735-2	421195CS	CVTOTP	STORM WTR	4/1/2009 18:24	4/7/2009 11:20	4/8/2009 11:25	
L47761-1	421240A	CVTOTP	FRESH WTR	4/6/2009 9:30	4/7/2009 11:20	4/8/2009 10:05	
L47761-2	421240A	CVTOTP	FRESH WTR	4/6/2009 10:08	4/7/2009 11:20	4/8/2009 10:16	
L47761-3	421240A	CVTOTP	FRESH WTR	4/6/2009 10:50	4/7/2009 11:20	4/8/2009 10:17	
L47761-4	421240A	CVTOTP	FRESH WTR	4/6/2009 11:10	4/7/2009 11:20	4/8/2009 10:19	
L47761-5	421240A	CVTOTP	FRESH WTR	4/6/2009 11:33	4/7/2009 11:20	4/8/2009 10:20	
L47761-6	421240A	CVTOTP	FRESH WTR	4/6/2009 11:53	4/7/2009 11:20	4/8/2009 10:22	
L47761-7	421240A	CVTOTP	FRESH WTR	4/6/2009 12:21	4/7/2009 11:20	4/8/2009 10:23	
L47761-8	421240A	CVTOTP	FRESH WTR	4/6/2009 12:47	4/7/2009 11:20	4/8/2009 10:25	
L47761-9	421240A	CVTOTP	FRESH WTR	4/6/2009 13:12	4/7/2009 11:20	4/8/2009 10:26	
L47761-10	421240A	CVTOTP	FRESH WTR	4/6/2009 13:40	4/7/2009 11:20	4/8/2009 10:28	
L47761-11	421240A	CVTOTP	FRESH WTR	4/6/2009 14:03	4/7/2009 11:20	4/8/2009 10:35	
L47761-12	421240A	CVTOTP	FRESH WTR	4/6/2009 14:25	4/7/2009 11:20	4/8/2009 10:37	
L47762-1	421240A	CVTOTP	FRESH WTR	4/6/2009 9:20	4/7/2009 11:20	4/8/2009 10:41	
L47762-2	421240A	CVTOTP	FRESH WTR	4/6/2009 9:48	4/7/2009 11:20	4/8/2009 10:43	
L47762-3	421240A	CVTOTP	FRESH WTR	4/6/2009 10:28	4/7/2009 11:20	4/8/2009 10:44	
L47762-4	421240A	CVTOTP	FRESH WTR	4/6/2009 11:04	4/7/2009 11:20	4/8/2009 10:46	
L47762-5	421240A	CVTOTP	FRESH WTR	4/6/2009 11:31	4/7/2009 11:20	4/8/2009 10:47	
L47762-6	421240A	CVTOTP	FRESH WTR	4/6/2009 11:57	4/7/2009 11:20	4/8/2009 10:49	
L47762-7	421240A	CVTOTP	FRESH WTR	4/6/2009 12:50	4/7/2009 11:20	4/8/2009 10:56	
L47762-8	421240A	CVTOTP	FRESH WTR	4/6/2009 13:30	4/7/2009 11:20	4/8/2009 10:58	
WG101459-1	MB	CVTOTP	BLANK WTR		4/7/2009 11:20	4/8/2009 9:53	MB1 04/07/09 11:20
WG101459-2	SB	CVTOTP	BLANK WTR		4/7/2009 11:20	4/8/2009 9:55	WG101459-1
WG101459-3	LCS	CVTOTP	BLANK WTR		4/7/2009 11:20	4/8/2009 9:56	LEVEL1
WG101459-4	LD	CVTOTP	FRESH WTR		4/7/2009 11:20	4/8/2009 10:01	L47595-2
WG101459-5	MS	CVTOTP	FRESH WTR		4/7/2009 11:20	4/8/2009 10:02	L47595-2
WG101459-6	LD	CVTOTP	FRESH WTR		4/7/2009 11:20	4/8/2009 10:07	L47761-1
WG101459-7	MS	CVTOTP	FRESH WTR		4/7/2009 11:20	4/8/2009 10:14	L47761-1
WG101459-8	MB	CVTOTP	BLANK WTR		4/7/2009 11:20	4/8/2009 10:38	MB2 04/07/09 11:20
WG101459-9	LCS	CVTOTP	BLANK WTR		4/7/2009 11:20	4/8/2009 10:40	LEVEL1
WG101459-10	LD	CVTOTP	STORM WTR		4/7/2009 12:40	4/8/2009 12:19	L47597-3

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WG101459-11	MS	CVTOTP	STORM WTR	4/7/2009 12:40	4/8/2009 12:20	L47597-3
WG101459-12	LD	CVTOTP	STORM WTR	4/7/2009 11:20	4/8/2009 11:20	L46981-4
WG101459-13	MS	CVTOTP	STORM WTR	4/7/2009 11:20	4/8/2009 11:22	L46981-4
WG101459-14	MB	CVTOTP	BLANK WTR	4/7/2009 12:40	4/8/2009 11:28	MB3 04/07/09 12:40
WG101459-15	SB	CVTOTP	BLANK WTR	4/7/2009 12:40	4/8/2009 11:29	WG101459-14
WG101459-16	LCS	CVTOTP	BLANK WTR	4/7/2009 12:40	4/8/2009 11:31	LEVEL1
WG101459-17	LD	CVTOTP	FRESH WTR	4/7/2009 12:40	4/8/2009 11:41	L47620-2
WG101459-18	MS	CVTOTP	FRESH WTR	4/7/2009 12:40	4/8/2009 11:43	L47620-2

WG101576

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L47788-1	421235	CVTOTP	FRESH WTR	4/13/2009 8:45	4/15/2009 9:45	4/16/2009 9:17	
L47788-2	421235	CVTOTP	FRESH WTR	4/13/2009 8:40	4/15/2009 9:45	4/16/2009 9:18	
L47788-3	421235	CVTOTP	FRESH WTR	4/13/2009 9:45	4/15/2009 9:45	4/16/2009 9:20	
L47788-4	421235	CVTOTP	FRESH WTR	4/13/2009 9:41	4/15/2009 9:45	4/16/2009 9:21	
L47788-5	421235	CVTOTP	FRESH WTR	4/13/2009 9:38	4/15/2009 9:45	4/16/2009 9:23	
L47788-6	421235	CVTOTP	FRESH WTR	4/13/2009 9:35	4/15/2009 9:45	4/16/2009 9:24	
L47788-8	421235	CVTOTP	FRESH WTR	4/13/2009 10:36	4/15/2009 9:45	4/16/2009 10:59	
L47788-9	421235	CVTOTP	FRESH WTR	4/13/2009 10:32	4/15/2009 9:45	4/16/2009 9:36	
L47788-10	421235	CVTOTP	FRESH WTR	4/13/2009 11:47	4/15/2009 9:45	4/16/2009 9:38	
L47788-11	421235	CVTOTP	FRESH WTR	4/13/2009 11:11	4/15/2009 9:45	4/16/2009 9:39	
L47788-12	421235	CVTOTP	FRESH WTR	4/13/2009 11:11	4/15/2009 9:45	4/16/2009 9:41	
L47788-13	421235	CVTOTP	FRESH WTR	4/13/2009 11:11	4/15/2009 9:45	4/16/2009 9:42	
L47788-14	421235	CVTOTP	FRESH WTR	4/13/2009 11:11	4/15/2009 9:45	4/16/2009 9:44	
L47788-15	421235	CVTOTP	FRESH WTR	4/13/2009 11:10	4/15/2009 9:45	4/16/2009 9:45	
L47788-16	421235	CVTOTP	FRESH WTR	4/13/2009 11:09	4/15/2009 9:45	4/16/2009 9:47	
L47788-17	421235	CVTOTP	FRESH WTR	4/13/2009 11:09	4/15/2009 9:45	4/16/2009 9:54	
L47788-19	421235	CVTOTP	FRESH WTR	4/13/2009 12:29	4/15/2009 9:45	4/16/2009 9:56	
L47788-20	421235	CVTOTP	FRESH WTR	4/13/2009 12:28	4/15/2009 9:45	4/16/2009 9:57	
L47788-21	421235	CVTOTP	FRESH WTR	4/13/2009 12:28	4/15/2009 9:45	4/16/2009 9:59	
L47788-22	421235	CVTOTP	FRESH WTR	4/13/2009 12:28	4/15/2009 9:45	4/16/2009 10:00	
L47788-23	421235	CVTOTP	FRESH WTR	4/13/2009 12:28	4/15/2009 9:45	4/16/2009 10:05	
L47788-25	421235	CVTOTP	FRESH WTR	4/13/2009 12:26	4/15/2009 9:45	4/16/2009 10:15	
L47788-26	421235	CVTOTP	FRESH WTR	4/13/2009 12:26	4/15/2009 9:45	4/16/2009 10:17	
L47788-27	421235	CVTOTP	FRESH WTR	4/13/2009 12:25	4/15/2009 9:45	4/16/2009 10:18	
L47788-29	421235	CVTOTP	FRESH WTR	4/13/2009 13:38	4/15/2009 9:45	4/16/2009 10:20	
L47788-30	421235	CVTOTP	FRESH WTR	4/13/2009 13:38	4/15/2009 9:45	4/16/2009 10:21	
L47788-31	421235	CVTOTP	FRESH WTR	4/13/2009 13:37	4/15/2009 9:45	4/16/2009 10:23	
L47788-32	421235	CVTOTP	FRESH WTR	4/13/2009 13:37	4/15/2009 9:45	4/16/2009 10:24	
L47788-33	421235	CVTOTP	FRESH WTR	4/13/2009 13:35	4/15/2009 9:45	4/16/2009 10:26	
L47788-35	421235	CVTOTP	FRESH WTR	4/14/2009 9:04	4/15/2009 9:45	4/16/2009 10:27	
L47788-36	421235	CVTOTP	FRESH WTR	4/14/2009 9:12	4/15/2009 9:45	4/16/2009 10:29	
L47788-37	421235	CVTOTP	FRESH WTR	4/14/2009 9:16	4/15/2009 9:45	4/16/2009 10:36	
L47788-38	421235	CVTOTP	FRESH WTR	4/14/2009 9:19	4/15/2009 9:45	4/16/2009 10:38	
L47788-39	421235	CVTOTP	FRESH WTR	4/14/2009 9:23	4/15/2009 9:45	4/16/2009 10:39	
L47788-40	421235	CVTOTP	FRESH WTR	4/14/2009 9:30	4/15/2009 9:45	4/16/2009 10:41	
L47788-42	421235	CVTOTP	FRESH WTR	4/14/2009 9:47	4/15/2009 9:45	4/16/2009 11:36	

LIMSView Batch Report - Total Nitrogen and Total Phosphorus

L47788-43	421235	CVTOTP	FRESH WTR	4/14/2009 9:49	4/15/2009 9:45	4/16/2009 10:47	
L47788-44	421235	CVTOTP	FRESH WTR	4/14/2009 9:52	4/15/2009 9:45	4/16/2009 10:48	
L47788-45	421235	CVTOTP	FRESH WTR	4/14/2009 9:56	4/15/2009 9:45	4/16/2009 10:50	
L47788-46	421235	CVTOTP	FRESH WTR	4/14/2009 9:59	4/15/2009 9:45	4/16/2009 10:57	
L47788-47	421235	CVTOTP	FRESH WTR	4/14/2009 10:05	4/15/2009 9:45	4/16/2009 11:05	
L47834-1	423589-090-1	CVTOTP	STORM WTR	4/12/2009 17:13	4/15/2009 9:45	4/16/2009 11:06	
L47834-2	423589-090-1	CVTOTP	STORM WTR	4/12/2009 17:13	4/15/2009 9:45	4/16/2009 11:11	
L47834-3	423589-090-1	CVTOTP	STORM WTR	4/12/2009 16:42	4/15/2009 9:45	4/16/2009 11:18	
WG101576-1	MB	CVTOTP	BLANK WTR		4/15/2009 9:45	4/16/2009 9:12	MB1 04/15/09 9:45
WG101576-2	SB	CVTOTP	BLANK WTR		4/15/2009 9:45	4/16/2009 9:14	WG101576-1
WG101576-3	LCS	CVTOTP	BLANK WTR		4/15/2009 9:45	4/16/2009 9:15	LEVEL1
WG101576-4	LD	CVTOTP	FRESH WTR		4/15/2009 9:45	4/16/2009 11:00	L47788-8
WG101576-5	MS	CVTOTP	FRESH WTR		4/15/2009 9:45	4/16/2009 9:35	L47788-8
WG101576-6	MB	CVTOTP	BLANK WTR		4/15/2009 9:45	4/16/2009 10:02	MB2 04/15/09 9:45
WG101576-7	LCS	CVTOTP	BLANK WTR		4/15/2009 9:45	4/16/2009 10:03	LEVEL1
WG101576-8	LD	CVTOTP	FRESH WTR		4/15/2009 9:45	4/16/2009 10:06	L47788-23
WG101576-9	MS	CVTOTP	FRESH WTR		4/15/2009 9:45	4/16/2009 10:08	L47788-23
WG101576-10	LD	CVTOTP	FRESH WTR		4/15/2009 9:45	4/16/2009 11:37	L47788-42
WG101576-11	MS	CVTOTP	FRESH WTR		4/15/2009 9:45	4/16/2009 10:45	L47788-42
WG101576-12	MB	CVTOTP	FRESH WTR		4/15/2009 9:45	4/16/2009 11:02	MB3 04/15/09 9:45
WG101576-13	LCS	CVTOTP	FRESH WTR		4/15/2009 9:45	4/16/2009 11:03	LEVEL1
WG101576-14	LD	CVTOTP	STORM WTR		4/15/2009 9:45	4/16/2009 11:08	L47834-1
WG101576-15	MS	CVTOTP	STORM WTR		4/15/2009 9:45	4/16/2009 11:09	L47834-1

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

WG93191

METHOD BLANK

MB:WG93191-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG93191-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

SPIKE BLANK

SB:WG93191-2 MB:WG93191-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.103	103		80--120

SPIKE BLANK

SB:WG93191-2 MB:WG93191-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	<MDL	1	1.01	101		80--120

LABORATORY CONTROL SAMPLE

LCS:WG93191-3 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0995	100		85--115

LABORATORY CONTROL SAMPLE

LCS:WG93191-3 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.955	96		85--115

LABORATORY DUPLICATE

LD:WG93191-4 L43713-5 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.987	0.986	0		20

LABORATORY DUPLICATE

LD:WG93191-4 L43713-5 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0613	0.0603	2		20

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

MATRIX SPIKE

MS:WG93191-5 L43713-5 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0613	0.1	0.162	101		75--125

MATRIX SPIKE

MS:WG93191-5 L43713-5 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.987	1	1.98	99		75--125

METHOD BLANK

MB:WG93191-6 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG93191-6 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG93191-7 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.97	97		85--115

LABORATORY CONTROL SAMPLE

LCS:WG93191-7 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.103	103		85--115

LABORATORY DUPLICATE

LD:WG93191-8 L43715-14 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1.08	1.08	0		20

LABORATORY DUPLICATE

LD:WG93191-8 L43715-14 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.184	0.183	0		20

MATRIX SPIKE

MS:WG93191-9 L43715-14 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.184	0.1	0.288	104		75--125

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

MATRIX SPIKE

MS:WG93191-9 L43715-14 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1.08	1	2.03	95		75--125

LABORATORY DUPLICATE

LD:WG93191-10 L43790-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.025	0.05	mg/L	1.09	1.13	4		20

LABORATORY DUPLICATE

LD:WG93191-10 L43790-1 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.25	0.5	mg/L	5.22	5.51	5		20

MATRIX SPIKE

MS:WG93191-11 L43790-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.025	0.05	mg/L	1.09	0.1	1.19	105		75--125

MATRIX SPIKE

MS:WG93191-11 L43790-1 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.25	0.5	mg/L	5.22	1	6.31	109		75--125

WG93675

METHOD BLANK

MB:WG93675-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG93675-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

SPIKE BLANK

SB:WG93675-2 MB:WG93675-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.103	103		80--120

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

SPIKE BLANK

SB:WG93675-2 MB:WG93675-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	<MDL	1	0.963	96		80--120

LABORATORY CONTROL SAMPLE

LCS:WG93675-3 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.96	96		85--115

LABORATORY CONTROL SAMPLE

LCS:WG93675-3 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.102	102		85--115

LABORATORY DUPLICATE

LD:WG93675-4 L44017-2 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.492	0.496	1		20

LABORATORY DUPLICATE

LD:WG93675-4 L44017-2 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.019	0.0198	4		20

MATRIX SPIKE

MS:WG93675-5 L44017-2 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.492	1	1.5	101		75--125

MATRIX SPIKE

MS:WG93675-5 L44017-2 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.019	0.1	0.121	102		75--125

METHOD BLANK

MB:WG93675-6 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG93675-6 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

LABORATORY CONTROL SAMPLE

LCS:WG93675-7 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.101	101		85--115

LABORATORY CONTROL SAMPLE

LCS:WG93675-7 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.956	96		85--115

LABORATORY DUPLICATE

LD:WG93675-8 L44017-22 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.426	0.432	1		20

LABORATORY DUPLICATE

LD:WG93675-8 L44017-22 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0334	0.0342	2		20

MATRIX SPIKE

MS:WG93675-9 L44017-22 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.426	1	1.4	97		75--125

MATRIX SPIKE

MS:WG93675-9 L44017-22 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0334	0.1	0.128	94		75--125

LABORATORY DUPLICATE

LD:WG93675-10 L43788-2 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0844	0.0844	0		20

LABORATORY DUPLICATE

LD:WG93675-10 L43788-2 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1.15	1.14	1		20

MATRIX SPIKE

MS:WG93675-11 L43788-2 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0844	0.1	0.202	117		75--125

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

MATRIX SPIKE

MS:WG93675-11 L43788-2 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1.15	1	2.11	96		75--125

LABORATORY DUPLICATE

LD:WG93675-12 L43913-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.015	0.03	mg/L	0.745	0.691	7		20

LABORATORY DUPLICATE

LD:WG93675-12 L43913-1 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.15	0.3	mg/L	4.91	4.59	7		20

MATRIX SPIKE

MS:WG93675-13 L43913-1 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.15	0.3	mg/L	4.91	3	7.87	99		75--125

MATRIX SPIKE

MS:WG93675-13 L43913-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.015	0.03	mg/L	0.745	0.3	1.03	94		75--125

WG94586

METHOD BLANK

MB:WG94586-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG94586-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

SPIKE BLANK

SB:WG94586-2 MB:WG94586-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.105	105		80--120

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

SPIKE BLANK

SB:WG94586-2 MB:WG94586-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	<MDL	1	1.06	106		80--120

LABORATORY CONTROL SAMPLE

LCS:WG94586-3 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	1	100		85--115

LABORATORY CONTROL SAMPLE

LCS:WG94586-3 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.103	103		85--115

LABORTORY DUPLICATE

LD:WG94586-4 L42987-1 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1.75	1.73	1		20

LABORATORY DUPLICATE

LD:WG94586-4 L42987-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.345	0.339	2		20

MATRIX SPIKE

MS:WG94586-5 L42987-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.345	0.1	0.436	91		75--125

MATRIX SPIKE

MS:WG94586-5 L42987-1 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1.75	1	2.7	95		75--125

METHOD BLANK

MB:WG94586-6 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

METHOD BLANK

MB:WG94586-6 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

LABORATORY CONTROL SAMPLE

LCS:WG94586-7 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.899	90		85--115

LABORATORY CONTROL SAMPLE

LCS:WG94586-7 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.11	110		85--115

LABORATORY DUPLICATE

LD:WG94586-8 L42989-2 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD ^A	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.781	0.774	1		20

LABORATORY DUPLICATE

LD:WG94586-8 L42989-2 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD ^A	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.158	0.159	0		20

MATRIX SPIKE

MS:WG94586-9 L42989-2 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.158	0.1	0.255	97		75--125

MATRIX SPIKE

MS:WG94586-9 L42989-2 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.781	1	1.84	106		75--125

LABORATORY DUPLICATE

LD:WG94586-10 L44133-2 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD ^A	Qual	LabLimit
Total Nitrogen	0.5	1	mg/L	8.71	8.74	0		20

MATRIX SPIKE

MS:WG94586-11 L44133-2 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.5	1	mg/L	8.71	1	9.78	107		75--125

METHOD BLANK

MB:WG94586-12 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

LABORATORY CONTROL SAMPLE

LCS:WG94586-13 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.104	104		85--115

LABORATORY DUPLICATE

LD:WG94586-14 L44673-3 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.175	0.178	2		20

MATRIX SPIKE

MS:WG94586-15 L44673-3 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.175	0.1	0.277	103		75--125

LABORATORY DUPLICATE

LD:WG94586-16 L44767-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0555	0.055	1		20

MATRIX SPIKE

MS:WG94586-17 L44767-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0555	0.1	0.157	102		75--125

WG94653

METHOD BLANK

MB:WG94653-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG94653-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

SPIKE BLANK

SB:WG94653-2 MB:WG94653-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.103	103		80--120

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

SPIKE BLANK

SB:WG94653-2 MB:WG94653-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	<MDL	1	1.01	101		80--120

LABORATORY CONTROL SAMPLE

LCS:WG94653-3 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.952	95		85--115

LABORATORY CONTROL SAMPLE

LCS:WG94653-3 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0945	95		85--115

LABORATORY DUPLICATE

LD:WG94653-4 L44100-6 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0603	0.0609	1		20

MATRIX SPIKE

MS:WG94653-5 L44100-6 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0603	0.1	0.161	101		75--125

LABORATORY DUPLICATE

LD:WG94653-6 L42913-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0751	0.0744	1		20

MATRIX SPIKE

MS:WG94653-7 L42913-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0751	0.1	0.171	96		75--125

LABORATORY DUPLICATE

LD:WG94653-8 L44672-4 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.952	0.932	2		20

LABORATORY DUPLICATE

LD:WG94653-8 L44672-4 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0889	0.0888	0		20

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

MATRIX SPIKE

MS:WG94653-9 L44672-4 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0889	0.1	0.187	98		75--125

MATRIX SPIKE

MS:WG94653-9 L44672-4 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.952	1	2	105		75--125

LABORATORY DUPLICATE

LD:WG94653-10 L44133-2 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD ^A	Qual	LabLimit
Total Phosphorus	0.05	0.1	mg/L	1.24	1.25	1		20

MATRIX SPIKE

MS:WG94653-11 L44133-2 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.05	0.1	mg/L	1.24	1	2.15	91		75--125

LABORATORY DUPLICATE

LD:WG94653-12 L44136-1 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD ^A	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0445	0.0474	6		20

MATRIX SPIKE

MS:WG94653-13 L44136-1 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0445	0.1	0.147	103		75--125

WG97367

METHOD BLANK

MB:WG97367-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG97367-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

SPIKE BLANK

SB:WG97367-2 MB:WG97367-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	<MDL	1	1.08	108		80--120

SPIKE BLANK

SB:WG97367-2 MB:WG97367-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.0984	98		80--120

LABORATORY CONTROL SAMPLE

LCS:WG97367-3 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.956	96		85--115

LABORATORY CONTROL SAMPLE

LCS:WG97367-3 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0936	94		85--115

LABORATORY DUPLICATE

LD:WG97367-4 L45601-9 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0098	0.0107	10		20

MATRIX SPIKE

MS:WG97367-5 L45601-9 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0098	0.1	0.103	94		75--125

LABORATORY DUPLICATE

LD:WG97367-6 L44912-6 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	1	2	mg/L	13.9	13.8	0		20

LABORATORY DUPLICATE

LD:WG97367-6 L44912-6 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.1	0.2	mg/L	2.26	2.25	0		20

MATRIX SPIKE

MS:WG97367-7 L44912-6 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	1	2	mg/L	13.9	20	34.5	103		75--125

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

MATRIX SPIKE

MS:WG97367-7 L44912-6 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.1	0.2	mg/L	2.26	2	4.31	102		75--125

WG98219

METHOD BLANK

MB:WG98219-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

METHOD BLANK

MB:WG98219-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

SPIKE BLANK

SB:WG98219-2 MB:WG98219-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.101	101		80--120

SPIKE BLANK

SB:WG98219-2 MB:WG98219-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	<MDL	1	1.01	101		80--120

LABORATORY CONTROL SAMPLE

LCS:WG98219-3 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.932	93		85--115

LABORATORY CONTROL SAMPLE

LCS:WG98219-3 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0969	97		85--115

LABORATORY DUPLICATE

LD:WG98219-4 L45811-1 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.5	1	mg/L	8.33	8.26	1		20

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

MATRIX SPIKE

MS:WG98219-5 L45811-1 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.5	1	mg/L	8.33	10	19.8	115		75--125

LABORATORY DUPLICATE

LD:WG98219-6 L45934-9 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	2.47	2.51	2		20

LABORATORY DUPLICATE

LD:WG98219-6 L45934-9 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0911	0.0888	3		20

MATRIX SPIKE

MS:WG98219-7 L45934-9 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-N-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0911	0.1	0.186	95		75--125

MATRIX SPIKE

MS:WG98219-7 L45934-9 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	2.47	1	3.42	95		75--125

METHOD BLANK

MB:WG98219-8 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG98219-8 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG98219-9 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.813	81	*	85--115

LABORATORY CONTROL SAMPLE

LCS:WG98219-9 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0928	93		85--115

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

LABORATORY DUPLICATE

LD:WG98219-10 L45936-10 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.669	0.66	1		20

LABORATORY DUPLICATE

LD:WG98219-10 L45936-10 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0494	0.0487	1		20

MATRIX SPIKE

MS:WG98219-11 L45936-10 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.669	1	1.57	90		75--125

MATRIX SPIKE

MS:WG98219-11 L45936-10 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0494	0.1	0.144	95		75--125

METHOD BLANK

MB:WG98219-12 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG98219-12 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG98219-13 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0973	97		85--115

LABORATORY CONTROL SAMPLE

LCS:WG98219-13 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.91	91		85--115

METHOD BLANK

MB:WG98219-14 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

SPIKE BLANK

SB:WG98219-15 MB:WG98219-14 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.102	102		80--120

LABORATORY CONTROL SAMPLE

LCS:WG98219-16 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.101	101		85--115

LABORATORY DUPLICATE

LD:WG98219-17 L45811-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD ^A	Qual	LabLimit
Total Phosphorus	0.05	0.1	mg/L	2.03	1.86	9		20

MATRIX SPIKE

MS:WG98219-18 L45811-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.05	0.1	mg/L	2.03	1	3.02	99		75--125

WG99597

METHOD BLANK

MB:WG99597-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG99597-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

SPIKE BLANK

SB:WG99597-2 MB:WG99597-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.0971	97		80--120

SPIKE BLANK

SB:WG99597-2 MB:WG99597-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	<MDL	1	0.976	98		80--120

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

LABORATORY CONTROL SAMPLE

LCS:WG99597-3 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.956	96		85--115

LABORATORY CONTROL SAMPLE

LCS:WG99597-3 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0969	97		85--115

LABORATORY DUPLICATE

LD:WG99597-4 L46853-14 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.222	0.227	3		20

LABORATORY DUPLICATE

LD:WG99597-4 L46853-14 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0123	0.0105	16		20

MATRIX SPIKE

MS:WG99597-5 L46853-14 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0123	0.1	0.107	94		75--125

MATRIX SPIKE

MS:WG99597-5 L46853-14 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.222	1	1.21	99		75--125

METHOD BLANK

MB:WG99597-6 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

METHOD BLANK

MB:WG99597-6 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

SPIKE BLANK

SB:WG99597-7 MB:WG99597-6 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	<MDL	1	0.983	98		80--120

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

SPIKE BLANK

SB:WG99597-7 MB:WG99597-6 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.0988	99		80--120

LABORATORY CONTROL SAMPLE

LCS:WG99597-8 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.929	93		85--115

LABORATORY CONTROL SAMPLE

LCS:WG99597-8 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.094	94		85--115

LABORATORY DUPLICATE

LD:WG99597-9 L46805-3 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0435	0.0425	2		20

LABORATORY DUPLICATE

LD:WG99597-9 L46805-3 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.792	0.802	1		20

MATRIX SPIKE

MS:WG99597-10 L46805-3 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.792	1	1.77	97		75--125

MATRIX SPIKE

MS:WG99597-10 L46805-3 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0435	0.1	0.134	90		75--125

LABORATORY DUPLICATE

LD:WG99597-11 L46866-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F(331V3)C Project: 421195CS Pkey: STD

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0762	0.0749	2		20

MATRIX SPIKE

MS:WG99597-12 L46866-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0762	0.1	0.172	96		75--125

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

LABORATORY DUPLICATE

LD:WG99597-13 L46418-3 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.1	0.2	mg/L	0.706	0.646	9		20

LABORATORY DUPLICATE

LD:WG99597-13 L46418-3 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	1	2	mg/L	5.33	5.19	3		20

MATRIX SPIKE

MS:WG99597-14 L46418-3 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	1	2	mg/L	5.33	20	24.7	97		75--125

MATRIX SPIKE

MS:WG99597-14 L46418-3 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.1	0.2	mg/L	0.706	2	2.56	93		75--125

WG100210

METHOD BLANK

MB:WG100210-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG100210-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

SPIKE BLANK

SB:WG100210-2 MB:WG100210-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	<MDL	1	1.03	103		80--120

SPIKE BLANK

SB:WG100210-2 MB:WG100210-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.101	101		80--120

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

LABORATORY CONTROL SAMPLE

LCS:WG100210-3 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.919	92		85--115

LABORATORY CONTROL SAMPLE

LCS:WG100210-3 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0976	98		85--115

LABORATORY DUPLICATE

LD:WG100210-4 L47222-6 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.307	0.317	3		20

LABORATORY DUPLICATE

LD:WG100210-4 L47222-6 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0171	0.0191	11		20

MATRIX SPIKE

MS:WG100210-5 L47222-6 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0171	0.1	0.118	101		75--125

MATRIX SPIKE

MS:WG100210-5 L47222-6 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.307	1	1.27	96		75--125

METHOD BLANK

MB:WG100210-6 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG100210-6 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

SPIKE BLANK

SB:WG100210-7 MB:WG100210-6 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	<MDL	1	0.999	100		80--120

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

SPIKE BLANK

SB:WG100210-7 MB:WG100210-6 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.0993	99		80--120

LABORATORY CONTROL SAMPLE

LCS:WG100210-8 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.947	95		85--115

LABORATORY CONTROL SAMPLE

LCS:WG100210-8 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0972	97		85--115

LABORATORY DUPLICATE

LD:WG100210-9 L47146-3 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0235	0.0236	1		20

MATRIX SPIKE

MS:WG100210-10 L47146-3 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0235	0.1	0.119	95		75--125

LABORATORY DUPLICATE

LD:WG100210-11 L47169-3 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.237	0.243	2		20

MATRIX SPIKE

MS:WG100210-12 L47169-3 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.237	0.1	0.314	77		75--125

LABORATORY DUPLICATE

LD:WG100210-13 L47190-4 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.5	1	mg/L	3.77	3.67	3		20

LABORATORY DUPLICATE

LD:WG100210-13 L47190-4 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.05	0.1	mg/L	0.736	0.682	8		20

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

MATRIX SPIKE

MS:WG100210-14 L47190-4 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.05	0.1	mg/L	0.736	0.1	1.61	87		75--125

MATRIX SPIKE

MS:WG100210-14 L47190-4 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.5	1	mg/L	3.77	1	13.3	95		75--125

METHOD BLANK

MB:WG100210-15 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

SPIKE BLANK

SB:WG100210-16 MB:WG100210-15 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.0953	95		80--120

LABORATORY CONTROL SAMPLE

LCS:WG100210-17 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0959	96		85--115

LABORATORY DUPLICATE

LD:WG100210-18 L47184-1 Matrix: LEACHATE Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.1	0.2	mg/L	0.61	0.589	4		20

MATRIX SPIKE

MS:WG100210-19 L47184-1 Matrix: LEACHATE Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.1	0.2	mg/L	0.61	0.1	2.55	97		75--125

WG101459

METHOD BLANK

MB:WG101459-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

METHOD BLANK

MB:WG101459-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

SPIKE BLANK

SB:WG101459-2 MB:WG101459-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	<MDL	1	0.963	96		80--120

SPIKE BLANK

SB:WG101459-2 MB:WG101459-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.0991	99		80--120

LABORATORY CONTROL SAMPLE

LCS:WG101459-3 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.103	103		85--115

LABORATORY CONTROL SAMPLE

LCS:WG101459-3 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	1.01	101		85--115

LABORATORY DUPLICATE

LD:WG101459-4 L47595-2 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0073	0.0069			20

MATRIX SPIKE

MS:WG101459-5 L47595-2 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0073	0.1	0.102	95		75--125

LABORATORY DUPLICATE

LD:WG101459-6 L47761-1 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0553	0.0543	2		20

LABORATORY DUPLICATE

LD:WG101459-6 L47761-1 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	2.16	2.08	3		20

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

MATRIX SPIKE

MS:WG101459-7 L47761-1 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0553	0.1	0.153	98		75--125

MATRIX SPIKE

MS:WG101459-7 L47761-1 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	2.16	1	3.06	91		75--125

METHOD BLANK

MB:WG101459-8 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG101459-8 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG101459-9 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.101	101		85--115

LABORATORY CONTROL SAMPLE

LCS:WG101459-9 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.988	99		85--115

LABORATORY DUPLICATE

LD:WG101459-10 L47597-3 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.1	0.2	mg/L	3.98	3.98	0		20

LABORATORY DUPLICATE

LD:WG101459-10 L47597-3 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.5	1	mg/L	22.4	22.9	2		20

MATRIX SPIKE

MS:WG101459-11 L47597-3 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.5	1	mg/L	22.4	1	31	86		75--125

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

MATRIX SPIKE

MS:WG101459-11 L47597-3 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.1	0.2	mg/L	3.98	0.1	5.06	108		75--125

LABORATORY DUPLICATE

LD:WG101459-12 L46981-4 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0366	0.0365	1		20

MATRIX SPIKE

MS:WG101459-13 L46981-4 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0366	0.1	0.138	102		75--125

METHOD BLANK

MB:WG101459-14 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

SPIKE BLANK

SB:WG101459-15 MB:WG101459-14 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.101	101		80--120

LABORATORY CONTROL SAMPLE

LCS:WG101459-16 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0996	100		85--115

LABORATORY DUPLICATE

LD:WG101459-17 L47620-2 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0223	0.0229	3		20

MATRIX SPIKE

MS:WG101459-18 L47620-2 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0223	0.1	0.121	99		75--125

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

WG101576

METHOD BLANK

MB:WG101576-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG101576-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

SPIKE BLANK

SB:WG101576-2 MB:WG101576-1 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	<MDL	1	1.01	101		80--120

SPIKE BLANK

SB:WG101576-2 MB:WG101576-1 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	<MDL	0.1	0.101	101		80--120

LABORATORY CONTROL SAMPLE

LCS:WG101576-3 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.942	94		85--115

LABORATORY CONTROL SAMPLE

LCS:WG101576-3 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0959	96		85--115

LABORATORY DUPLICATE

LD:WG101576-4 L47788-8 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.282	0.27	4		20

LABORATORY DUPLICATE

LD:WG101576-4 L47788-8 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.012	0.0116	4		20

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

MATRIX SPIKE

MS:WG101576-5 L47788-8 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.012	0.1	0.112	100		75--125

MATRIX SPIKE

MS:WG101576-5 L47788-8 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.282	1	1.31	102		75--125

METHOD BLANK

MB:WG101576-6 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

METHOD BLANK

MB:WG101576-6 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG101576-7 Matrix: BLANK WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.979	98		85--115

LABORATORY CONTROL SAMPLE

LCS:WG101576-7 Matrix: BLANK WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0973	97		85--115

LABORATORY DUPLICATE

LD:WG101576-8 L47788-23 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0119	0.0098	20		20

LABORATORY DUPLICATE

LD:WG101576-8 L47788-23 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.267	0.264	1		20

MATRIX SPIKE

MS:WG101576-9 L47788-23 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0119	0.1	0.106	94		75--125

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

MATRIX SPIKE

MS:WG101576-9 L47788-23 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.267	1	1.24	98		75--125

LABORATORY DUPLICATE

LD:WG101576-10 L47788-42 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0098	0.01	3		20

LABORATORY DUPLICATE

LD:WG101576-10 L47788-42 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.453	0.474	5		20

MATRIX SPIKE

MS:WG101576-11 L47788-42 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	0.453	1	1.47	102		75--125

MATRIX SPIKE

MS:WG101576-11 L47788-42 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.0098	0.1	0.111	102		75--125

METHOD BLANK

MB:WG101576-12 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	MB Value	Qual
Total Phosphorus	0.005	0.01	mg/L	<MDL	

METHOD BLANK

MB:WG101576-12 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	MB Value	Qual
Total Nitrogen	0.05	0.1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG101576-13 Matrix: FRESH WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.05	0.1	mg/L	1	0.936	94		85--115

LABORATORY CONTROL SAMPLE

LCS:WG101576-13 Matrix: FRESH WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.005	0.01	mg/L	0.1	0.0958	96		85--115

LIMSView Analytical QC Report - Total Nitrogen and Total Phosphorus

LABORATORY DUPLICATE

LD:WG101576-14 L47834-1 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Nitrogen	0.5	1	mg/L	11	10.6	4		20

LABORATORY DUPLICATE

LD:WG101576-14 L47834-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Phosphorus	0.05	0.1	mg/L	1.42	1.37	3		20

MATRIX SPIKE

MS:WG101576-15 L47834-1 Matrix: STORM WTR Listtype: CVTOTP Method: SM4500-P-B,F

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Phosphorus	0.05	0.1	mg/L	1.42	0.1	2.34	92		75--125

MATRIX SPIKE

MS:WG101576-15 L47834-1 Matrix: STORM WTR Listtype: CVTOTN Method: SM4500-N-C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Nitrogen	0.5	1	mg/L	11	1	20.9	100		75--125

LIMSView Batch Report - Dissolved and Total Organic Carbon

WG93193

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L43790-1	423589-090-1	CVTOC	STORM WTR	9/4/2007 8:17	20-Sep-07	20-Sep-07	WG93193-1, -2, -3, -4
WG93193-1	MB	CVTOC	BLANK WTR		20-Sep-07	20-Sep-07	WG93193-1, -2, -3, -4
WG93193-2	LCS	CVTOC	BLANK WTR		20-Sep-07	20-Sep-07	WG93193-1, -2, -3, -4
WG93193-3	SB	CVTOC	BLANK WTR		20-Sep-07	20-Sep-07	WG93193-1, -2, -3, -4
WG93193-4	MS	CVTOC	STORM WTR		20-Sep-07	20-Sep-07	WG93193-1, -2, -3, -4
WG93193-5	MB	CVDOC	BLANK WTR		5-Sep-07	20-Sep-07	WG93193-5, -6, -7, -8, -9
WG93193-6	LCS	CVDOC	BLANK WTR		20-Sep-07	20-Sep-07	WG93193-5, -6, -7, -8, -9
WG93193-7	SB	CVDOC	BLANK WTR		5-Sep-07	20-Sep-07	WG93193-5, -6, -7, -8, -9
WG93193-8	LD	CVDOC	STORM WTR		5-Sep-07	20-Sep-07	WG93193-5, -6, -7, -8, -9
WG93193-9	MS	CVDOC	STORM WTR		5-Sep-07	20-Sep-07	WG93193-5, -6, -7, -8, -9

WG93614

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L43913-1	423589-090-1	CVTOC	STORM WTR	9/30/2007 7:27	3-Oct-07	4-Oct-07	WG93614-1, -2, -3, -4, -5
L43913-2	423589-090-1	CVTOC	STORM WTR	9/30/2007 14:10	3-Oct-07	4-Oct-07	WG93614-1, -2, -3, -4, -5
WG93614-1	MB	CVTOC	BLANK WTR		3-Oct-07	4-Oct-07	WG93614-1, -2, -3, -4, -5
WG93614-2	LCS	CVTOC	BLANK WTR		3-Oct-07	4-Oct-07	WG93614-1, -2, -3, -4, -5
WG93614-3	SB	CVTOC	BLANK WTR		3-Oct-07	4-Oct-07	WG93614-1, -2, -3, -4, -5
WG93614-4	LD	CVTOC	STORM WTR		3-Oct-07	4-Oct-07	WG93614-1, -2, -3, -4, -5
WG93614-5	MS	CVTOC	STORM WTR		3-Oct-07	4-Oct-07	WG93614-1, -2, -3, -4, -5
WG93614-6	MB	CVDOC	BLANK WTR		1-Oct-07	4-Oct-07	WG93614-6, -7, -8, -9, -10, -11
WG93614-7	LCS	CVDOC	BLANK WTR		3-Oct-07	4-Oct-07	WG93614-6, -7, -8, -9, -10, -11
WG93614-8	SB	CVDOC	BLANK WTR		1-Oct-07	4-Oct-07	WG93614-6, -7, -8, -9, -10, -11
WG93614-9	MS	CVDOC	STORM WTR		1-Oct-07	4-Oct-07	WG93614-6, -7, -8, -9, -10, -11
WG93614-10	MB	CVDOC	BLANK WTR		1-Oct-07	4-Oct-07	WG93614-6, -7, -8, -9, -10, -11
WG93614-11	LD	CVDOC	STORM WTR		1-Oct-07	4-Oct-07	WG93614-6, -7, -8, -9, -10, -11

WG94890

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L42986-3	421240BA	CVTOC	STORM WTR	12/3/2007 11:20	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42986-7	421240BA	CVTOC	STORM WTR	12/3/2007 14:00	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42987-1	421240BA	CVTOC	STORM WTR	12/3/2007 9:20	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42987-3	421240BA	CVTOC	STORM WTR	12/3/2007 10:22	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42987-4	421240BA	CVTOC	STORM WTR	12/3/2007 10:50	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42987-5	421240BA	CVTOC	STORM WTR	12/3/2007 11:21	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42987-6	421240BA	CVTOC	STORM WTR	12/3/2007 11:39	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42987-7	421240BA	CVTOC	STORM WTR	12/3/2007 12:07	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42987-9	421240BA	CVTOC	STORM WTR	12/3/2007 10:23	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42988-1	421240BC	CVTOC	STORM WTR	12/3/2007 10:18	27-Dec-07	27-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42988-3	421240BC	CVTOC	STORM WTR	12/3/2007 11:08	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42988-5	421240BC	CVTOC	STORM WTR	12/3/2007 12:11	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42988-6	421240BC	CVTOC	STORM WTR	12/3/2007 12:36	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42988-7	421240BC	CVTOC	STORM WTR	12/3/2007 13:31	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42988-8	421240BC	CVTOC	STORM WTR	12/3/2007 13:53	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12

LIMSView Batch Report - Dissolved and Total Organic Carbon

L42988-9	421240BC	CVTOC	STORM WTR	12/3/2007 14:27	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42988-10	421240BC	CVTOC	STORM WTR	12/3/2007 14:51	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42988-11	421240BC	CVTOC	STORM WTR	12/3/2007 13:56	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L42989-9	421240BB	CVTOC	STORM WTR	12/3/2007 14:33	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L44110-2	423589-090-4	CVTOC	STORM WTR	12/3/2007 10:00	27-Dec-07	27-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L44133-1	423589-090-1	CVTOC	STORM WTR	12/2/2007 18:55	26-Dec-07	27-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L44133-2	423589-090-1	CVTOC	STORM WTR	12/2/2007 11:44	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L44133-3	423589-090-1	CVTOC	STORM WTR	12/2/2007 11:24	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
L44133-4	423589-090-1	CVTOC	STORM WTR	12/2/2007 11:24	26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
WG94890-1	MB	CVTOC	BLANK WTR		26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
WG94890-2	LCS	CVTOC	BLANK WTR		26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
WG94890-3	SB	CVTOC	BLANK WTR		26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
WG94890-4	LD	CVTOC	STORM WTR		26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
WG94890-5	MS	CVTOC	STORM WTR		26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
WG94890-6	MB	CVTOC	BLANK WTR		26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
WG94890-7	LCS	CVTOC	BLANK WTR		26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
WG94890-8	SB	CVTOC	BLANK WTR		26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
WG94890-9	LD	CVTOC	STORM WTR		26-Dec-07	27-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
WG94890-10	MS	CVTOC	STORM WTR		26-Dec-07	26-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
WG94890-11	MB	CVTOC	BLANK WTR		27-Dec-07	27-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12
WG94890-12	LCS	CVTOC	BLANK WTR		27-Dec-07	27-Dec-07	WG94890-1, -2, -3, -4, -5, -6, -7, -8, -10, -9, -11, -12

WG94892

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L44110-1	423589-090-4	CVDOC	STORM WTR	12/3/2007 9:55	4-Dec-07	27-Dec-07	WG94892-3, -4, -5, -6, -1, -2
L44110-2	423589-090-4	CVDOC	STORM WTR	12/3/2007 10:00	4-Dec-07	27-Dec-07	WG94892-3, -4, -5, -6, -1, -2
L44133-1	423589-090-1	CVDOC	STORM WTR	12/2/2007 18:55	3-Dec-07	27-Dec-07	WG94892-3, -4, -5, -6, -1, -2
L44133-2	423589-090-1	CVDOC	STORM WTR	12/2/2007 11:44	3-Dec-07	27-Dec-07	WG94892-3, -4, -5, -6, -1, -2
L44133-3	423589-090-1	CVDOC	STORM WTR	12/2/2007 11:24	3-Dec-07	27-Dec-07	WG94892-3, -4, -5, -6, -1, -2
L44133-4	423589-090-1	CVDOC	STORM WTR	12/2/2007 11:24	3-Dec-07	27-Dec-07	WG94892-3, -4, -5, -6, -1, -2
WG94892-1	MB	CVDOC	BLANK WTR		3-Dec-07	26-Dec-07	WG94892-3, -4, -5, -6, -1, -2
WG94892-2	LCS	CVDOC	BLANK WTR		26-Dec-07	26-Dec-07	WG94892-3, -4, -5, -6, -1, -2
WG94892-3	SB	CVDOC	BLANK WTR		3-Dec-07	27-Dec-07	WG94892-3, -4, -5, -6, -1, -2
WG94892-4	LD	CVDOC	STORM WTR		3-Dec-07	27-Dec-07	WG94892-3, -4, -5, -6, -1, -2
WG94892-5	MB	CVDOC	BLANK WTR		4-Dec-07	27-Dec-07	WG94892-3, -4, -5, -6, -1, -2
WG94892-6	MS	CVDOC	STORM WTR		4-Dec-07	27-Dec-07	WG94892-3, -4, -5, -6, -1, -2

LIMSView Batch Report - Dissolved and Total Organic Carbon

WG96894

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L44912-6	423589-090-1	CVDOC	STORM WTR	6/3/2008 9:09	4-Jun-08	11-Jun-08	WG96894-1, -2, -3, -4, -5
L45103-1	423589-100-1	CVDOC	STORM WTR	6/3/2008 10:00	4-Jun-08	11-Jun-08	WG96894-1, -2, -3, -4, -5
L45103-2	423589-100-1	CVDOC	STORM WTR	6/3/2008 10:01	4-Jun-08	11-Jun-08	WG96894-1, -2, -3, -4, -5
L45698-5	421240AB	CVTOC	FRESH WTR	6/2/2008 10:06	11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
L45698-7	421240AB	CVTOC	FRESH WTR	6/2/2008 10:47	11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
L45698-12	421240AB	CVTOC	FRESH WTR	6/2/2008 12:16	11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
L45699-1	421240AA	CVTOC	FRESH WTR	6/2/2008 9:45	11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
L45699-3	421240AA	CVTOC	FRESH WTR	6/2/2008 10:55	11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
L45699-4	421240AA	CVTOC	FRESH WTR	6/2/2008 11:10	11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
L45699-6	421240AA	CVTOC	FRESH WTR	6/2/2008 11:33	11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
L45699-7	421240AA	CVTOC	FRESH WTR	6/2/2008 12:00	11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
L45699-8	421240AA	CVTOC	FRESH WTR	6/2/2008 12:25	11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
L45699-9	421240AA	CVTOC	FRESH WTR	6/2/2008 13:00	11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
L45699-11	421240AA	CVTOC	FRESH WTR	6/2/2008 13:49	11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
L45788-1	423368-110-4	CVTOC	IW WTR	6/3/2008 8:15	11-Jun-08	12-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
WG96894-1	MB	CVDOC	BLANK WTR		4-Jun-08	11-Jun-08	WG96894-1, -2, -3, -4, -5
WG96894-2	LCS	CVDOC	BLANK WTR		11-Jun-08	11-Jun-08	WG96894-1, -2, -3, -4, -5
WG96894-3	SB	CVDOC	BLANK WTR		4-Jun-08	11-Jun-08	WG96894-1, -2, -3, -4, -5
WG96894-4	LD	CVDOC	STORM WTR		4-Jun-08	11-Jun-08	WG96894-1, -2, -3, -4, -5
WG96894-5	MS	CVDOC	STORM WTR		4-Jun-08	11-Jun-08	WG96894-1, -2, -3, -4, -5
WG96894-6	MB	CVTOC	BLANK WTR		11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
WG96894-7	LCS	CVTOC	BLANK WTR		11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
WG96894-8	SB	CVTOC	BLANK WTR		11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
WG96894-9	LD	CVTOC	STORM WTR		11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
WG96894-10	MS	CVTOC	STORM WTR		11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
WG96894-11	LD	CVTOC	FRESH WTR		11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
WG96894-12	MS	CVTOC	FRESH WTR		11-Jun-08	11-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
WG96894-13	LD	CVTOC	IW WTR		11-Jun-08	12-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12
WG96894-14	MS	CVTOC	IW WTR		11-Jun-08	12-Jun-08	WG96894-13, -14, -6, -7, -8, -9, -10, -11, -12

WG98181

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L45811-1	423589-090-1	CVTOC	STORM WTR	8/19/2008 22:14	12-Sep-08	12-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L45811-3	423589-090-1	CVTOC	STORM WTR	8/20/2008 1:35	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L45811-6	423589-090-1	CVTOC	STORM WTR	8/20/2008 1:01	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L45938-1	421240BB	CVTOC	STORM WTR	8/20/2008 9:21	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L45938-2	421240BB	CVTOC	STORM WTR	8/20/2008 10:11	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L45938-3	421240BB	CVTOC	STORM WTR	8/20/2008 10:49	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L45938-4	421240BB	CVTOC	STORM WTR	8/20/2008 11:32	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L45938-5	421240BB	CVTOC	STORM WTR	8/20/2008 12:15	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L45938-6	421240BB	CVTOC	STORM WTR	8/20/2008 12:30	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L45938-7	421240BB	CVTOC	STORM WTR	8/20/2008 12:46	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L45938-8	421240BB	CVTOC	STORM WTR	8/20/2008 13:44	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L45938-9	421240BB	CVTOC	STORM WTR	8/20/2008 14:35	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9

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L45938-10	421240BB	CVTOC	STORM WTR	8/20/2008 11:34	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L46347-1	423589-100-1	CVTOC	STORM WTR	8/20/2008 0:00	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
L46347-2	423589-100-1	CVTOC	STORM WTR	8/20/2008 0:00	26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
WG98181-1	MB	CVTOC	BLANK WTR		26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
WG98181-2	LCS	CVTOC	BLANK WTR		26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
WG98181-3	SB	CVTOC	BLANK WTR		26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
WG98181-4	LD	CVTOC	STORM WTR		26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
WG98181-5	MS	CVTOC	STORM WTR		26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
WG98181-6	LD	CVTOC	STORM WTR		26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
WG98181-7	MS	CVTOC	STORM WTR		26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
WG98181-8	LD	CVTOC	STORM WTR		26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
WG98181-9	MS	CVTOC	STORM WTR		26-Aug-08	11-Sep-08	WG98181-1, -2, -3, -4, -5, -6, -7, -8, -9
WG98181-10	MB	CVDOC	BLANK WTR		21-Aug-08	11-Sep-08	WG98181-10, -11, -12, -13, -14, -15, -16
WG98181-11	LCS	CVDOC	BLANK WTR		26-Aug-08	11-Sep-08	WG98181-10, -11, -12, -13, -14, -15, -16
WG98181-12	SB	CVDOC	BLANK WTR		21-Aug-08	11-Sep-08	WG98181-10, -11, -12, -13, -14, -15, -16
WG98181-13	LD	CVDOC	STORM WTR		21-Aug-08	12-Sep-08	WG98181-10, -11, -12, -13, -14, -15, -16
WG98181-14	MS	CVDOC	STORM WTR		21-Aug-08	12-Sep-08	WG98181-10, -11, -12, -13, -14, -15, -16
WG98181-15	LD	CVDOC	STORM WTR		21-Aug-08	12-Sep-08	WG98181-10, -11, -12, -13, -14, -15, -16
WG98181-16	MS	CVDOC	STORM WTR		21-Aug-08	12-Sep-08	WG98181-10, -11, -12, -13, -14, -15, -16

WG99679

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L46418-3	423589-090-1	CVDOC	STORM WTR	11/4/2008 5:34	5-Nov-08	17-Nov-08	WG99679-7, -8, -9, -10, -11, -1
L46418-6	423589-090-1	CVDOC	STORM WTR	11/4/2008 4:14	5-Nov-08	17-Nov-08	WG99679-7, -8, -9, -10, -11, -1
L46918-1	423589-090-1	CVTOC	STORM WTR	11/6/2008 14:58	18-Nov-08	18-Nov-08	WG99679-2, -3, -5, -6, -4
L46918-3	423589-090-1	CVTOC	STORM WTR	11/6/2008 16:05	18-Nov-08	18-Nov-08	WG99679-2, -3, -5, -6, -4
L46918-5	423589-090-1	CVTOC	STORM WTR	11/6/2008 20:28	18-Nov-08	18-Nov-08	WG99679-2, -3, -5, -6, -4
L46918-6	423589-090-1	CVDOC	STORM WTR	11/6/2008 15:42	7-Nov-08	19-Nov-08	WG99679-7, -8, -9, -10, -11, -1
L46918-8	423589-090-1	CVDOC	STORM WTR	11/6/2008 16:59	7-Nov-08	18-Nov-08	WG99679-7, -8, -9, -10, -11, -1
WG99679-1	MB	CVDOC	BLANK WTR		5-Nov-08	17-Nov-08	WG99679-7, -8, -9, -10, -11, -1
WG99679-2	MB	CVTOC	BLANK WTR		18-Nov-08	18-Nov-08	WG99679-2, -3, -5, -6, -4
WG99679-3	LCS	CVTOC	BLANK WTR		18-Nov-08	18-Nov-08	WG99679-2, -3, -5, -6, -4
WG99679-4	SB	CVTOC	BLANK WTR		19-Nov-08	19-Nov-08	WG99679-2, -3, -5, -6, -4
WG99679-5	LD	CVTOC	STORM WTR		18-Nov-08	18-Nov-08	WG99679-2, -3, -5, -6, -4
WG99679-6	MS	CVTOC	STORM WTR		18-Nov-08	18-Nov-08	WG99679-2, -3, -5, -6, -4
WG99679-7	MB	CVDOC	BLANK WTR		7-Nov-08	18-Nov-08	WG99679-7, -8, -9, -10, -11, -1
WG99679-8	LCS	CVDOC	BLANK WTR		17-Nov-08	18-Nov-08	WG99679-7, -8, -9, -10, -11, -1
WG99679-9	SB	CVDOC	BLANK WTR		7-Nov-08	18-Nov-08	WG99679-7, -8, -9, -10, -11, -1
WG99679-10	LD	CVDOC	STORM WTR		7-Nov-08	18-Nov-08	WG99679-7, -8, -9, -10, -11, -1
WG99679-11	MS	CVDOC	STORM WTR		7-Nov-08	18-Nov-08	WG99679-7, -8, -9, -10, -11, -1

WG100276

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L47156-1	421422-CHGW	CVTOC	GRND WTR	1/7/2009 8:10	1/14/2009 19:53	1/14/2009 19:53	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
L47156-2	421422-CHGW	CVTOC	GRND WTR	1/7/2009 8:25	1/14/2009 20:30	1/14/2009 20:30	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
L47157-1	421422-CHGW	CVTOC	GRND WTR	1/9/2009 7:50	1/15/2009 1:52	1/15/2009 1:52	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9

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L47157-2	421422-CHGW	CVTOC	GRND WTR	1/14/2009 11:00	1/14/2009 20:47	1/14/2009 20:47	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
L47172-1	421422-CHGW	CVTOC	GRND WTR	1/9/2009 10:10	1/14/2009 18:46	1/14/2009 18:46	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
L47172-2	421422-CHGW	CVTOC	GRND WTR	1/13/2009 9:00	1/14/2009 19:19	1/14/2009 19:19	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
L47184-1	421422-CHLS-M	CVTOC	LEACHATE	1/14/2009 6:55	1/15/2009 0:45	1/15/2009 0:45	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
L47184-3	421422-CHLS-M	CVTOC	LEACHATE	1/14/2009 7:15	1/15/2009 1:35	1/15/2009 1:35	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
L47190-2	423589-090-1	CVTOC	STORM WTR	1/7/2009 18:15	1/14/2009 21:04	1/14/2009 21:04	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
L47190-4	423589-090-1	CVTOC	STORM WTR	1/7/2009 19:19	1/14/2009 21:37	1/14/2009 21:37	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
WG100276-1	MB	CVTOC	BLANK WTR		1/14/2009 14:41	1/14/2009 14:41	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
WG100276-2	LCS	CVTOC	BLANK WTR		1/14/2009 14:58	1/14/2009 14:58	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
WG100276-3	SB	CVTOC	BLANK WTR		1/14/2009 15:15	1/14/2009 15:15	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
WG100276-4	LD	CVTOC	GRND WTR		1/14/2009 19:03	1/14/2009 19:03	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
WG100276-5	MS	CVTOC	GRND WTR		1/14/2009 19:36	1/14/2009 19:36	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
WG100276-6	LD	CVTOC	STORM WTR		1/14/2009 21:20	1/14/2009 21:20	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
WG100276-7	MS	CVTOC	STORM WTR		1/14/2009 21:54	1/14/2009 21:54	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
WG100276-8	LD	CVTOC	LEACHATE		1/15/2009 1:02	1/15/2009 1:02	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
WG100276-9	MS	CVTOC	LEACHATE		1/15/2009 1:18	1/15/2009 1:18	WG100276-1, -2, -3, -4, -5, -6, -7, -8, -9
WG100276-10	MB	CVDOC	BLANK WTR		1/9/2008 12:20	1/14/2009 22:11	WG100276-10, -11, -12, -13
WG100276-11	LCS	CVDOC	BLANK WTR		1/14/2009 22:27	1/14/2009 22:27	WG100276-10, -11, -12, -13
WG100276-12	LD	CVDOC	STORM WTR		1/9/2008 12:20	1/14/2009 23:38	WG100276-10, -11, -12, -13
WG100276-13	MS	CVDOC	STORM WTR		1/9/2008 12:20	1/15/2009 0:12	WG100276-10, -11, -12, -13

WG101499

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L47597-2	423589-090-1	CVTOC	STORM WTR	4/2/2009 18:58	4/8/2009 23:08	4/8/2009 23:08	WG101499-1, -3, -2, -4, -5, -6, -7
L47597-3	423589-090-1	CVTOC	STORM WTR	4/2/2009 19:28	4/7/2009 19:21	4/7/2009 19:21	WG101499-1, -3, -2, -4, -5, -6, -7
L47597-4	423589-090-1	CVTOC	STORM WTR	4/2/2009 19:28	4/7/2009 19:58	4/7/2009 19:58	WG101499-1, -3, -2, -4, -5, -6, -7
L47597-5	423589-090-1	CVTOC	STORM WTR	4/2/2009 17:53	4/7/2009 20:19	4/7/2009 20:19	WG101499-1, -3, -2, -4, -5, -6, -7
WG101499-1	MB	CVTOC	BLANK WTR		4/7/2009 17:53	4/7/2009 17:53	WG101499-1, -3, -2, -4, -5, -6, -7
WG101499-2	SB	CVTOC	BLANK WTR		4/7/2009 18:26	4/7/2009 18:26	WG101499-1, -3, -2, -4, -5, -6, -7
WG101499-3	LCS	CVTOC	BLANK WTR		4/7/2009 18:09	4/7/2009 18:09	WG101499-1, -3, -2, -4, -5, -6, -7
WG101499-4	MS	CVTOC	STORM WTR		4/7/2009 20:36	4/7/2009 20:36	WG101499-1, -3, -2, -4, -5, -6, -7
WG101499-5	MB	CVTOC	BLANK WTR		4/8/2009 22:34	4/8/2009 22:34	WG101499-1, -3, -2, -4, -5, -6, -7
WG101499-6	LCS	CVTOC	BLANK WTR		4/8/2009 22:51	4/8/2009 22:51	WG101499-1, -3, -2, -4, -5, -6, -7
WG101499-7	LD	CVTOC	STORM WTR		4/8/2009 23:25	4/8/2009 23:25	WG101499-1, -3, -2, -4, -5, -6, -7
WG101499-8	MB	CVDOC	BLANK WTR		4/3/2009 16:15	4/7/2009 20:57	WG101499-8, -10, -9, -11, -12
WG101499-9	SB	CVDOC	BLANK WTR		4/3/2009 16:15	4/7/2009 21:30	WG101499-8, -10, -9, -11, -12
WG101499-10	LCS	CVDOC	BLANK WTR		4/7/2009 21:13	4/7/2009 21:13	WG101499-8, -10, -9, -11, -12
WG101499-11	MS	CVDOC	STORM WTR		4/3/2009 16:15	4/7/2009 23:32	WG101499-8, -10, -9, -11, -12
WG101499-12	LD	CVDOC	STORM WTR		4/3/2009 16:15	4/9/2009 0:15	WG101499-8, -10, -9, -11, -12

WG101720

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L47285-1	421422-CHGW	CVTOC	GRND WTR	4/16/2009 7:55	4/21/2009 11:07	4/21/2009 11:07	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47656-6	421422-CHGW	CVTOC	GRND WTR	4/16/2009 9:25	4/21/2009 11:24	4/21/2009 11:24	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19

LIMSView Batch Report - Dissolved and Total Organic Carbon

L47751-1	421422-CHLS-M	CVTOC	LEACHATE	4/20/2009 7:15	4/21/2009 17:13	4/21/2009 17:13	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47751-3	421422-CHLS-M	CVTOC	LEACHATE	4/20/2009 8:10	4/21/2009 17:30	4/21/2009 17:30	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47751-4	421422-CHLS-M	CVTOC	LEACHATE	4/20/2009 7:45	4/21/2009 22:44	4/21/2009 22:44	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47752-1	421422-VALS-Q	CVTOC	LEACHATE	4/21/2009 8:00	4/22/2009 13:12	4/22/2009 13:12	WG101720-18, -19
L47752-3	421422-VALS-Q	CVTOC	LEACHATE	4/21/2009 7:00	4/22/2009 15:01	4/22/2009 15:01	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47753-1	421422-CHGW	CVTOC	GRND WTR	4/21/2009 7:50	4/21/2009 21:49	4/21/2009 21:49	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47825-1	421422-CHGW	CVTOC	GRND WTR	4/15/2009 15:10	4/21/2009 11:41	4/21/2009 11:41	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47825-2	421422-CHGW	CVTOC	GRND WTR	4/15/2009 12:20	4/21/2009 11:57	4/21/2009 11:57	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47826-1	421422-CHGW-A	CVTOC	GRND WTR	4/15/2009 13:20	4/21/2009 12:31	4/21/2009 12:31	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47826-2	421422-CHGW-A	CVTOC	GRND WTR	4/16/2009 11:20	4/21/2009 13:25	4/21/2009 13:25	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47826-3	421422-CHGW-A	CVTOC	GRND WTR	4/16/2009 11:20	4/21/2009 13:42	4/21/2009 13:42	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47826-4	421422-CHGW-A	CVTOC	GRND WTR	4/16/2009 13:20	4/21/2009 13:59	4/21/2009 13:59	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47826-5	421422-CHGW-A	CVTOC	GRND WTR	4/15/2009 14:55	4/21/2009 14:16	4/21/2009 14:16	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47826-6	421422-CHGW-A	CVTOC	GRND WTR	4/16/2009 10:30	4/21/2009 14:37	4/21/2009 14:37	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47826-7	421422-CHGW-A	CVTOC	GRND WTR	4/16/2009 14:40	4/21/2009 14:53	4/21/2009 14:53	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47862-1	421422-CHGW	CVTOC	GRND WTR	4/17/2009 10:50	4/21/2009 15:10	4/21/2009 15:10	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47862-2	421422-CHGW	CVTOC	GRND WTR	4/17/2009 9:40	4/21/2009 15:27	4/21/2009 15:27	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47862-4	421422-CHGW	CVTOC	GRND WTR	4/21/2009 10:50	4/21/2009 22:06	4/21/2009 22:06	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47862-5	421422-CHGW	CVTOC	GRND WTR	4/17/2009 7:30	4/21/2009 15:44	4/21/2009 15:44	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47813-13	423589-090-4	CVTOC	IW WTR	4/14/2009 14:10	4/22/2009 12:21	4/22/2009 12:21	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
L47834-1	423589-090-1	CVDOC	STORM WTR	4/12/2009 17:13	4/13/2009 15:45	4/21/2009 23:50	WG101720-13, -14, -15, -16, -17
L47834-2	423589-090-1	CVDOC	STORM WTR	4/12/2009 17:13	4/13/2009 15:45	4/22/2009 0:41	WG101720-13, -14, -15, -16, -17
L47834-3	423589-090-1	CVDOC	STORM WTR	4/12/2009 16:42	4/13/2009 15:45	4/22/2009 0:57	WG101720-13, -14, -15, -16, -17
L47834-4	423589-090-1	CVDOC	STORM WTR	4/12/2009 15:52	4/13/2009 15:45	4/22/2009 1:14	WG101720-13, -14, -15, -16, -17
WG101720-1	MB	CVTOC	BLANK WTR		4/21/2009 10:16	4/21/2009 10:16	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
WG101720-2	SB	CVTOC	BLANK WTR		4/21/2009 10:50	4/21/2009 10:50	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
WG101720-3	LCS	CVTOC	BLANK WTR		4/21/2009 10:33	4/21/2009 10:33	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
WG101720-4	LD	CVTOC	GRND WTR		4/21/2009 12:14	4/21/2009 12:14	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
WG101720-5	MS	CVTOC	GRND WTR		4/21/2009 12:48	4/21/2009 12:48	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
WG101720-6	MB	CVTOC	BLANK WTR		4/21/2009 16:23	4/21/2009 16:23	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
WG101720-7	SB	CVTOC	BLANK WTR		4/21/2009 16:40	4/21/2009 16:40	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
WG101720-8	LCS	CVTOC	BLANK WTR		4/21/2009 16:56	4/21/2009 16:56	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
WG101720-9	LD	CVTOC	LEACHATE		4/21/2009 17:47	4/21/2009 17:47	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
WG101720-10	MS	CVTOC	LEACHATE		4/21/2009 18:03	4/21/2009 18:03	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
WG101720-11	LD	CVTOC	STORM WTR		4/21/2009 19:48	4/21/2009 19:48	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
WG101720-12	MS	CVTOC	STORM WTR		4/21/2009 20:05	4/21/2009 20:05	WG101720-1, -3, -2, -4, -5, -6, -7, -8, -9, -10, -11, -12, -18, -19
WG101720-13	MB	CVDOC	BLANK WTR		4/13/2009 15:45	4/21/2009 23:00	WG101720-13, -14, -15, -16, -17
WG101720-14	SB	CVDOC	BLANK WTR		4/13/2009 15:45	4/21/2009 23:17	WG101720-13, -14, -15, -16, -17
WG101720-15	LCS	CVDOC	BLANK WTR		4/21/2009 23:34	4/21/2009 23:34	WG101720-13, -14, -15, -16, -17
WG101720-16	LD	CVDOC	STORM WTR		4/13/2009 15:45	4/22/2009 0:07	WG101720-13, -14, -15, -16, -17
WG101720-17	MS	CVDOC	STORM WTR		4/13/2009 15:45	4/22/2009 0:24	WG101720-13, -14, -15, -16, -17
WG101720-18	LD	CVTOC	IW WTR		4/22/2009 12:38	4/22/2009 12:38	WG101720-18, -19
WG101720-19	MS	CVTOC	IW WTR		4/22/2009 12:55	4/22/2009 12:55	WG101720-18, -19

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

WG93193

METHOD BLANK

MB:WG93193-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG93193-2 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	10.1	101		85--115

SPIKE BLANK

SB:WG93193-3 MB:WG93193-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	<MDL	10	10.2	102		80--120

MATRIX SPIKE

MS:WG93193-4 L43790-1 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	32.2	10	39.9	77		75--125

METHOD BLANK

MB:WG93193-5 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG93193-6 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	10	10.2	102		85--115

SPIKE BLANK

SB:WG93193-7 MB:WG93193-5 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	10	9.63	96		80--120

LABORATORY DUPLICATE

LD:WG93193-8 L43790-1 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	9.86	10.3	5		20

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

MATRIX SPIKE

MS:WG93193-9 L43790-1 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	9.86	10	20.1	103		75--125

WG93614

METHOD BLANK

MB:WG93614-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG93614-2 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	9	90		85--115

SPIKE BLANK

SB:WG93614-3 MB:WG93614-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	<MDL	10	8.75	88		80--120

LABORATORY DUPLICATE

LD:WG93614-4 L43913-1 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	21.9	20.4	7		20

MATRIX SPIKE

MS:WG93614-5 L43913-2 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	2.5	5	mg/L	48.2	50	101	106		75--125

METHOD BLANK

MB:WG93614-6 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG93614-7 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	10	9.86	99		85--115

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

SPIKE BLANK

SB:WG93614-8 MB:WG93614-6 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	10	9.81	98		80--120

MATRIX SPIKE

MS:WG93614-9 L43913-1 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	7.06	10	17.3	102		75--125

METHOD BLANK

MB:WG93614-10 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY DUPLICATE

LD:WG93614-11 L43913-2 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	16.1	17.1	6		20

WG94890

METHOD BLANK

MB:WG94890-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG94890-2 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	9.64	96		85--115

SPIKE BLANK

SB:WG94890-3 MB:WG94890-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	<MDL	10	9.28	93		80--120

LABORATORY DUPLICATE

LD:WG94890-4 L42987-6 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	5	10	mg/L	17.2	16.7	3		20

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

MATRIX SPIKE

MS:WG94890-5 L42988-6 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	5	10	mg/L	17.4	100	111	94		75--125

METHOD BLANK

MB:WG94890-6 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG94890-7 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	9.68	97		85--115

SPIKE BLANK

SB:WG94890-8 MB:WG94890-6 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	<MDL	10	8.71	87		80--120

LABORATORY DUPLICATE

LD:WG94890-9 L44133-1 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	5	10	mg/L	45.2	45	0		20

MATRIX SPIKE

MS:WG94890-10 L44133-3 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	5	10	mg/L	21.5	100	101	80		75--125

METHOD BLANK

MB:WG94890-11 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG94890-12 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	9.31	93		85--115

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

WG94892

METHOD BLANK

MB:WG94892-1 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG94892-2 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	10	9.74	97		85--115

SPIKE BLANK

SB:WG94892-3 MB:WG94892-1 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	10	9.62	96		80--120

LABORATORY DUPLICATE

LD:WG94892-4 L44133-2 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	11.4	11	3		20

METHOD BLANK

MB:WG94892-5 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	

MATRIX SPIKE

MS:WG94892-6 L44110-2 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	3.79	10	12.9	91		75--125

WG96894

METHOD BLANK

MB:WG96894-1 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG96894-2 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	10	9.52	95		85--115

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

SPIKE BLANK

SB:WG96894-3 MB:WG96894-1 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	10	9.25	92		80--120

LABORATORY DUPLICATE

LD:WG96894-4 L44912-6 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	16.8	16.7	0		20

MATRIX SPIKE

MS:WG96894-5 L45103-1 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	2.42	10	11.5	91		75--125

METHOD BLANK

MB:WG96894-6 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG96894-7 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	9.73	97		85--115

SPIKE BLANK

SB:WG96894-8 MB:WG96894-6 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	<MDL	10	9.77	98		80--120

LABORATORY DUPLICATE

LD:WG96894-9 L44912-6 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	52.2	52.4	0		20

MATRIX SPIKE

MS:WG96894-10 L45103-1 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	3.29	10	11.9	86		75--125

LABORATORY DUPLICATE

LD:WG96894-11 L45698-5 Matrix: FRESH WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	5.55	5.9	6		20

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

MATRIX SPIKE

MS:WG96894-12 L45699-11 Matrix: FRESH WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	3.34	10	11.7	84		75--125

LABORATORY DUPLICATE

LD:WG96894-13 L45788-1 Matrix: IW WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	2.5	5	mg/L	24.3	25.6	5		20

MATRIX SPIKE

MS:WG96894-14 L45788-1 Matrix: IW WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	2.5	5	mg/L	24.3	50	72.1	96		75--125

WG98181

METHOD BLANK

MB:WG98181-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG98181-2 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	10.7	107		85--115

SPIKE BLANK

SB:WG98181-3 MB:WG98181-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	<MDL	10	9.28	93		80--120

LABORATORY DUPLICATE

LD:WG98181-4 L45811-3 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	34.5	35.9	4		20

MATRIX SPIKE

MS:WG98181-5 L45811-6 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	27.3	10	36.3	90		75--125

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

LABORATORY DUPLICATE

LD:WG98181-6 L45938-4 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	4.43	4.5	2		20

MATRIX SPIKE

MS:WG98181-7 L45938-5 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	2.31	10	13	107		75--125

LABORATORY DUPLICATE

LD:WG98181-8 L46347-1 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	4	4.47	11		20

MATRIX SPIKE

MS:WG98181-9 L46347-2 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	4.22	10	14.3	101		75--125

METHOD BLANK

MB:WG98181-10 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG98181-11 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	10	11.3	113		85--115

SPIKE BLANK

SB:WG98181-12 MB:WG98181-10 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	10	11.3	113		80--120

LABORATORY DUPLICATE

LD:WG98181-13 L45811-3 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	17.9	17.6	1		20

MATRIX SPIKE

MS:WG98181-14 L45811-6 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	13.5	10	24.5	110		75--125

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

LABORATORY DUPLICATE

LD:WG98181-15 L46347-1 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	3.64	3.55	2		20

MATRIX SPIKE

MS:WG98181-16 L46347-2 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	3.46	10	14.6	111		75--125

WG99679

METHOD BLANK

MB:WG99679-1 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	

METHOD BLANK

MB:WG99679-2 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG99679-3 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	10.4	104		85--115

SPIKE BLANK

SB:WG99679-4 MB:WG99679-2 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	<MDL	10	11	110		80--120

LABORATORY DUPLICATE

LD:WG99679-5 L46918-1 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	29.1	26.6	9		20

MATRIX SPIKE

MS:WG99679-6 L46918-3 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	50	100	mg/L	625	1000	1600	98		75--125

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

METHOD BLANK

MB:WG99679-7 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG99679-8 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	10	10.3	103		85--115

SPIKE BLANK

SB:WG99679-9 MB:WG99679-7 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	10	10.5	105		80--120

LABORATORY DUPLICATE

LD:WG99679-10 L46918-1 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	12.1	12.2	2		20

MATRIX SPIKE

MS:WG99679-11 L46918-3 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	50	100	mg/L	610	1000	1640	103		75--125

WG100276

METHOD BLANK

MB:WG100276-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG100276-2 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	9.74	97		85--115

SPIKE BLANK

SB:WG100276-3 MB:WG100276-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	<MDL	10	10.3	103		80--120

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

LABORATORY DUPLICATE

LD:WG100276-4 L47172-1 Matrix: GRND WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	0.77	0.79			20

MATRIX SPIKE

MS:WG100276-5 L47172-2 Matrix: GRND WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	0.94	10	10.6	97		75--125

LABORATORY DUPLICATE

LD:WG100276-6 L47190-2 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	5	10	mg/L	81	84.2	4		20

MATRIX SPIKE

MS:WG100276-7 L47190-4 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	5	10	mg/L	33.4	10	126	93		75--125

LABORATORY DUPLICATE

LD:WG100276-8 L47184-1 Matrix: LEACHATE Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	50	100	mg/L	206	205	0		20

MATRIX SPIKE

MS:WG100276-9 L47184-1 Matrix: LEACHATE Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	50	100	mg/L	206	10	1260	105		75--125

METHOD BLANK

MB:WG100276-10 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG100276-11 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	10	9.82	98		85--115

LABORATORY DUPLICATE

LD:WG100276-12 L47190-2 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	27.7	27.9	1		20

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

MATRIX SPIKE

MS:WG100276-13 L47190-4 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	10.4	10	20.1	97		75--125

WG101499

METHOD BLANK

MB:WG101499-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

SPIKE BLANK

SB:WG101499-2 MB:WG101499-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	<MDL	10	9.87	99		80--120

LABORATORY CONTROL SAMPLE

LCS:WG101499-3 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	10	100		85--115

MATRIX SPIKE

MS:WG101499-4 L47597-5 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	25	50	mg/L	53.1	11.7	567	88		75--125

METHOD BLANK

MB:WG101499-5 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG101499-6 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	10.1	101		85--115

LABORATORY DUPLICATE

LD:WG101499-7 L47597-2 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	10	20	mg/L	62.9	58.9	7		20

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

METHOD BLANK

MB:WG101499-8 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	

SPIKE BLANK

SB:WG101499-9 MB:WG101499-8 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	10	9.08	91		80--120

LABORATORY CONTROL SAMPLE

LCS:WG101499-10 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	10	9.63	96		85--115

MATRIX SPIKE

MS:WG101499-11 L47597-5 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	10	20	mg/L	25.1	11.7	240	92		75--125

LABORATORY DUPLICATE

LD:WG101499-12 L47597-2 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	11.2	12.1	7		20

WG101720

METHOD BLANK

MB:WG101720-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

SPIKE BLANK

SB:WG101720-2 MB:WG101720-1 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	<MDL	10	9.45	95		80--120

LABORATORY CONTROL SAMPLE

LCS:WG101720-3 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	8.93	89		85--115

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

LABORATORY DUPLICATE

LD:WG101720-4 L47825-2 Matrix: GRND WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	12	11.9	0		20

MATRIX SPIKE

MS:WG101720-5 L47826-1 Matrix: GRND WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	3.66	10	12.8	91		75--125

METHOD BLANK

MB:WG101720-6 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Total Organic Carbon	0.5	1	mg/L	<MDL	

SPIKE BLANK

SB:WG101720-7 MB:WG101720-6 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	<MDL	10	9.16	92		80--120

LABORATORY CONTROL SAMPLE

LCS:WG101720-8 Matrix: BLANK WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	0.5	1	mg/L	10	8.64	86		85--115

LABORATORY DUPLICATE

LD:WG101720-9 L47751-3 Matrix: LEACHATE Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	50	100	mg/L	506	521	3		20

MATRIX SPIKE

MS:WG101720-10 L47751-3 Matrix: LEACHATE Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	50	100	mg/L	506	10	1460	96		75--125

LABORATORY DUPLICATE

LD:WG101720-11 L47834-1 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	10	20	mg/L	26.1	24.6	6		20

MATRIX SPIKE

MS:WG101720-12 L47834-1 Matrix: STORM WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	10	20	mg/L	26.1	10	214	94		75--125

LIMSView Analytical QC Report - Dissolved and Total Organic Carbon

METHOD BLANK

MB:WG101720-13 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	Qual
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	

SPIKE BLANK

SB:WG101720-14 MB:WG101720-13 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	<MDL	10	8.61	86		80--120

LABORATORY CONTROL SAMPLE

LCS:WG101720-15 Matrix: BLANK WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	0.5	1	mg/L	10	8.49	85		85--115

LABORATORY DUPLICATE

LD:WG101720-16 L47834-1 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Dissolved Organic Carbon	5	10	mg/L	20.7	18.5	11		20

MATRIX SPIKE

MS:WG101720-17 L47834-1 Matrix: STORM WTR Listtype: CVDOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Dissolved Organic Carbon	5	10	mg/L	20.7	10	111	91		75--125

LABORATORY DUPLICATE

LD:WG101720-18 L47813-13 Matrix: IW WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Organic Carbon	5	10	mg/L	35.7	37.6	5		20

MATRIX SPIKE

MS:WG101720-19 L47813-13 Matrix: IW WTR Listtype: CVTOC Method: SM5310-B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Total Organic Carbon	5	10	mg/L	35.7	10	141	105		75--125

LIMSView Batch Report - Chemical Oxygen Demand

WG93511

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L43790-1	423589-090-1	CVCOD	STORM WTR	9/4/2007 8:17	25-Sep-07	25-Sep-07	WG93511-1, -2, -3, -4, -5	
WG93511-1	MB	CVCOD	BLANK WTR		25-Sep-07	25-Sep-07	WG93511-1, -2, -3, -4, -5	MB1 070925
WG93511-2	SB	CVCOD	BLANK WTR		25-Sep-07	25-Sep-07	WG93511-1, -2, -3, -4, -5	WG93511-1
WG93511-3	LCS	CVCOD	BLANK WTR		25-Sep-07	25-Sep-07	WG93511-1, -2, -3, -4, -5	LEVEL1
WG93511-4	LD	CVCOD	STORM WTR		25-Sep-07	25-Sep-07	WG93511-1, -2, -3, -4, -5	L43790-1
WG93511-5	MS	CVCOD	STORM WTR		25-Sep-07	25-Sep-07	WG93511-1, -2, -3, -4, -5	L43790-1

WG93738

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L43913-1	423589-090-1	CVCOD	STORM WTR	9/30/2007 7:27	24-Oct-07	24-Oct-07	WG93738-1, -2, -3, -4, -5	
L43913-2	423589-090-1	CVCOD	STORM WTR	9/30/2007 14:10	24-Oct-07	24-Oct-07	WG93738-1, -2, -3, -4, -5	
WG93738-1	MB	CVCOD	BLANK WTR		24-Oct-07	24-Oct-07	WG93738-1, -2, -3, -4, -5	MB2 071024
WG93738-2	SB	CVCOD	BLANK WTR		24-Oct-07	24-Oct-07	WG93738-1, -2, -3, -4, -5	WG93738-1
WG93738-3	LCS	CVCOD	BLANK WTR		24-Oct-07	24-Oct-07	WG93738-1, -2, -3, -4, -5	LEVEL1
WG93738-4	LD	CVCOD	STORM WTR		24-Oct-07	24-Oct-07	WG93738-1, -2, -3, -4, -5	L43913-1
WG93738-5	MS	CVCOD	STORM WTR		24-Oct-07	24-Oct-07	WG93738-1, -2, -3, -4, -5	L43913-1

WG94663

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44133-1	423589-090-1	CVCOD	STORM WTR	12/2/2007 18:55	21-Dec-07	21-Dec-07	WG94663-1, -2, -3, -4, -5	
L44133-2	423589-090-1	CVCOD	STORM WTR	12/2/2007 11:44	21-Dec-07	21-Dec-07	WG94663-1, -2, -3, -4, -5	
L44133-3	423589-090-1	CVCOD	STORM WTR	12/2/2007 11:24	21-Dec-07	21-Dec-07	WG94663-1, -2, -3, -4, -5	
L44133-4	423589-090-1	CVCOD	STORM WTR	12/2/2007 11:24	21-Dec-07	21-Dec-07	WG94663-1, -2, -3, -4, -5	
WG94663-1	MB	CVCOD	BLANK WTR		21-Dec-07	21-Dec-07	WG94663-1, -2, -3, -4, -5	MB1 071221
WG94663-2	SB	CVCOD	BLANK WTR		21-Dec-07	21-Dec-07	WG94663-1, -2, -3, -4, -5	WG94663-1
WG94663-3	LCS	CVCOD	BLANK WTR		21-Dec-07	21-Dec-07	WG94663-1, -2, -3, -4, -5	LEVEL1
WG94663-4	LD	CVCOD	STORM WTR		21-Dec-07	21-Dec-07	WG94663-1, -2, -3, -4, -5	L44133-1
WG94663-5	MS	CVCOD	STORM WTR		21-Dec-07	21-Dec-07	WG94663-1, -2, -3, -4, -5	L44133-1

WG97077

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44912-6	423589-090-1	CVCOD	STORM WTR	6/3/2008 9:09	12-Jun-08	12-Jun-08	WG97077-1, -2, -3, -4, -5	
WG97077-1	MB	CVCOD	BLANK WTR		12-Jun-08	12-Jun-08	WG97077-1, -2, -3, -4, -5	MB 080612
WG97077-2	SB	CVCOD	BLANK WTR		12-Jun-08	12-Jun-08	WG97077-1, -2, -3, -4, -5	WG97077-1
WG97077-3	LCS	CVCOD	BLANK WTR		12-Jun-08	12-Jun-08	WG97077-1, -2, -3, -4, -5	LEVEL1
WG97077-4	LD	CVCOD	STORM WTR		12-Jun-08	12-Jun-08	WG97077-1, -2, -3, -4, -5	L44912-6
WG97077-5	MS	CVCOD	STORM WTR		12-Jun-08	12-Jun-08	WG97077-1, -2, -3, -4, -5	L44912-6

LIMSView Batch Report - Chemical Oxygen Demand

WG98296

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L45811-1	423589-090-1	CVCOD	STORM WTR	8/19/2008 22:14	28-Aug-08	28-Aug-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	
L45811-3	423589-090-1	CVCOD	STORM WTR	8/20/2008 1:35	2-Sep-08	2-Sep-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	
L45811-6	423589-090-1	CVCOD	STORM WTR	8/20/2008 1:01	27-Aug-08	27-Aug-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	
WG98296-1	MB	CVCOD	BLANK WTR		27-Aug-08	27-Aug-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	MB 080827
WG98296-2	SB	CVCOD	BLANK WTR		27-Aug-08	27-Aug-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	WG98296-1
WG98296-3	LCS	CVCOD	BLANK WTR		27-Aug-08	27-Aug-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	LEVEL1
WG98296-4	LD	CVCOD	STORM WTR		28-Aug-08	28-Aug-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	L45811-1
WG98296-5	MS	CVCOD	STORM WTR		28-Aug-08	28-Aug-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	L45811-1
WG98296-6	MB	CVCOD	BLANK WTR		28-Aug-08	28-Aug-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	MB 080828
WG98296-7	SB	CVCOD	BLANK WTR		28-Aug-08	28-Aug-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	WG98296-6
WG98296-8	LCS	CVCOD	BLANK WTR		28-Aug-08	28-Aug-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	LEVEL1
WG98296-9	MB	CVCOD	BLANK WTR		2-Sep-08	2-Sep-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	MB 080902
WG98296-10	SB	CVCOD	BLANK WTR		2-Sep-08	2-Sep-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	WG98296-9
WG98296-11	LCS	CVCOD	BLANK WTR		2-Sep-08	2-Sep-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	LEVEL1
WG98296-12	LD	CVCOD	STORM WTR		2-Sep-08	2-Sep-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	L45811-3
WG98296-13	MS	CVCOD	STORM WTR		2-Sep-08	2-Sep-08	WG98296-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11, -12, -13	L45811-3

WG99708

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L46835-11	421196AV	CVCOD	GRND WTR	11/6/2008 8:12	3-Dec-08	3-Dec-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	
L46418-3	423589-090-1	CVCOD	STORM WTR	11/4/2008 5:34	21-Nov-08	21-Nov-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	
L46418-6	423589-090-1	CVCOD	STORM WTR	11/4/2008 4:14	21-Nov-08	21-Nov-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	
L46918-1	423589-090-1	CVCOD	STORM WTR	11/6/2008 14:58	21-Nov-08	21-Nov-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	
L46918-3	423589-090-1	CVCOD	STORM WTR	11/6/2008 16:05	3-Dec-08	3-Dec-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	
L46918-5	423589-090-1	CVCOD	STORM WTR	11/6/2008 20:28	21-Nov-08	21-Nov-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	
L46918-6	423589-090-1	CVCOD	STORM WTR	11/6/2008 15:42	3-Dec-08	3-Dec-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	
WG99708-1	MB	CVCOD	BLANK WTR		21-Nov-08	21-Nov-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	MB 081121
WG99708-2	SB	CVCOD	BLANK WTR		21-Nov-08	21-Nov-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	WG99708-1
WG99708-3	LCS	CVCOD	BLANK WTR		21-Nov-08	21-Nov-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	LEVEL1
WG99708-4	LD	CVCOD	STORM WTR		21-Nov-08	21-Nov-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	L46418-3
WG99708-5	MS	CVCOD	STORM WTR		21-Nov-08	21-Nov-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	L46418-3
WG99708-6	MB	CVCOD	BLANK WTR		3-Dec-08	3-Dec-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	MB1 081203
WG99708-7	SB	CVCOD	BLANK WTR		3-Dec-08	3-Dec-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	WG99708-6
WG99708-8	LCS	CVCOD	BLANK WTR		3-Dec-08	3-Dec-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	LEVEL1
WG99708-9	LD	CVCOD	GRND WTR		3-Dec-08	3-Dec-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	L46835-11
WG99708-10	MS	CVCOD	GRND WTR		3-Dec-08	3-Dec-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	L46835-11
WG99708-11	MB	CVCOD	BLANK WTR		3-Dec-08	3-Dec-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	MB2 081203
WG99708-12	LCS	CVCOD	BLANK WTR		3-Dec-08	3-Dec-08	WG99708-6, -7, -8, -9, -10, -11, -12, -1, -2, -3, -4, -5	LEVEL1

LIMSView Batch Report - Chemical Oxygen Demand

WG100242

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47184-1	421422-CHLS-M	CVCOD	LEACHATE	1/14/2009 6:55	1/15/2009 11:30	1/15/2009 15:19	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	
L47184-3	421422-CHLS-M	CVCOD	LEACHATE	1/14/2009 7:15	1/15/2009 11:30	1/15/2009 15:22	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	
L47190-2	423589-090-1	CVCOD	STORM WTR	1/7/2009 18:15	1/15/2009 11:30	1/15/2009 15:15	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	
L47190-4	423589-090-1	CVCOD	STORM WTR	1/7/2009 19:19	1/16/2009 8:00	1/16/2009 11:50	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	
WG100242-1	MB	CVCOD	BLANK WTR		1/15/2009 11:30	1/15/2009 15:11	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	MB1 090115
WG100242-2	SB	CVCOD	BLANK WTR		1/15/2009 11:30	1/15/2009 15:12	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	WG100242-1
WG100242-3	LCS	CVCOD	BLANK WTR		1/15/2009 11:30	1/15/2009 15:13	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	LEVEL2
WG100242-4	LD	CVCOD	STORM WTR		1/15/2009 11:30	1/15/2009 15:16	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	L47190-2
WG100242-5	MS	CVCOD	STORM WTR		1/15/2009 11:30	1/15/2009 15:17	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	L47190-2
WG100242-6	LD	CVCOD	LEACHATE		1/15/2009 11:30	1/15/2009 15:20	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	L47184-1
WG100242-7	MS	CVCOD	LEACHATE		1/15/2009 11:30	1/15/2009 15:21	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	L47184-1
WG100242-8	MB	CVCOD	BLANK WTR		1/16/2009 8:00	1/16/2009 11:46	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	MB2 090116
WG100242-9	LCS	CVCOD	BLANK WTR		1/16/2009 8:00	1/16/2009 11:49	WG100242-1, -2, -3, -4, -5, -6, -7, -8, -9	LEVEL2

WG101583

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47597-2	423589-090-1	CVCOD	STORM WTR	4/2/2009 18:58	4/23/2009 10:15	4/23/2009 15:27	WG101583-1, -2, -3, -4, -5	
L47597-3	423589-090-1	CVCOD	STORM WTR	4/2/2009 19:28	4/23/2009 10:15	4/23/2009 15:30	WG101583-1, -2, -3, -4, -5	
L47597-4	423589-090-1	CVCOD	STORM WTR	4/2/2009 19:28	4/23/2009 10:15	4/23/2009 15:31	WG101583-1, -2, -3, -4, -5	FREP @ L47597-3
L47597-5	423589-090-1	CVCOD	STORM WTR	4/2/2009 17:53	4/23/2009 10:15	4/23/2009 15:32	WG101583-1, -2, -3, -4, -5	
L47834-1	423589-090-1	CVCOD	STORM WTR	4/12/2009 17:13	4/23/2009 10:15	4/23/2009 15:32	WG101583-1, -2, -3, -4, -5	
L47834-2	423589-090-1	CVCOD	STORM WTR	4/12/2009 17:13	4/23/2009 10:15	4/23/2009 15:42	WG101583-1, -2, -3, -4, -5	
L47834-3	423589-090-1	CVCOD	STORM WTR	4/12/2009 16:42	4/23/2009 10:15	4/23/2009 15:43	WG101583-1, -2, -3, -4, -5	
WG101583-1	MB	CVCOD	BLANK WTR		4/23/2009 10:15	4/23/2009 15:23	WG101583-1, -2, -3, -4, -5	MB1 090423
WG101583-2	SB	CVCOD	BLANK WTR		4/23/2009 10:15	4/23/2009 15:24	WG101583-1, -2, -3, -4, -5	WG101583-1
WG101583-3	LCS	CVCOD	BLANK WTR		4/23/2009 10:15	4/23/2009 15:26	WG101583-1, -2, -3, -4, -5	
WG101583-4	LD	CVCOD	STORM WTR		4/23/2009 10:15	4/23/2009 15:28	WG101583-1, -2, -3, -4, -5	L47597-2
WG101583-5	MS	CVCOD	STORM WTR		4/23/2009 10:15	4/23/2009 15:29	WG101583-1, -2, -3, -4, -5	L47597-2

LIMSView Analytical QC Report - Chemical Oxygen Demand

WG93511

METHOD BLANK

MB:WG93511-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	10	20	mg/L	<MDL	

SPIKE BLANK

SB:WG93511-2 MB:WG93511-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	<MDL	100	106	106		80--120

LABORATORY CONTROL SAMPLE

LCS:WG93511-3 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	100	104	104		85--115

LABORATORY DUPLICATE

LD:WG93511-4 L43790-1 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chemical Oxygen Demand	20	40	mg/L	109	102	6		25

MATRIX SPIKE

MS:WG93511-5 L43790-1 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	20	40	mg/L	109	200	302	97		75--125

WG93738

METHOD BLANK

MB:WG93738-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	10	20	mg/L	<MDL	

SPIKE BLANK

SB:WG93738-2 MB:WG93738-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	<MDL	50	53.2	106		80--120

LABORATORY CONTROL SAMPLE

LCS:WG93738-3 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	100	95.7	96		85--115

LIMSView Analytical QC Report - Chemical Oxygen Demand

LABORATORY DUPLICATE

LD:WG93738-4 L43913-1 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	55.8	57.8	4		25

MATRIX SPIKE

MS:WG93738-5 L43913-1 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	55.8	50	104	97		75--125

WG94663

METHOD BLANK

MB:WG94663-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	10	20	mg/L	<MDL	

SPIKE BLANK

SB:WG94663-2 MB:WG94663-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	<MDL	50	50.2	100		80--120

LABORATORY CONTROL SAMPLE

LCS:WG94663-3 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	100	100	100		85--115

LABORATORY DUPLICATE

LD:WG94663-4 L44133-1 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chemical Oxygen Demand	20	40	mg/L	181	189	4		25

MATRIX SPIKE

MS:WG94663-5 L44133-1 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	20	40	mg/L	181	100	264	83		75--125

WG97077

METHOD BLANK

MB:WG97077-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	10	20	mg/L	<MDL	

LIMSView Analytical QC Report - Chemical Oxygen Demand

SPIKE BLANK

SB:WG97077-2 MB:WG97077-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	<MDL	50	54	108		80--120

LABORATORY CONTROL SAMPLE

LCS:WG97077-3 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	100	109	109		85--115

LABORATORY DUPLICATE

LD:WG97077-4 L44912-6 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chemical Oxygen Demand	50	100	mg/L	196	198	1		25

MATRIX SPIKE

MS:WG97077-5 L44912-6 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	50	100	mg/L	196	250	423	91		75--125

WG98296

METHOD BLANK

MB:WG98296-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	10	20	mg/L	<MDL	

SPIKE BLANK

SB:WG98296-2 MB:WG98296-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	<MDL	50	48.5	97		80--120

LABORATORY CONTROL SAMPLE

LCS:WG98296-3 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	100	97.3	97		85--115

LABORATORY DUPLICATE

LD:WG98296-4 L45811-1 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chemical Oxygen Demand	50	100	mg/L	188	195	4		25

LIMSView Analytical QC Report - Chemical Oxygen Demand

MATRIX SPIKE

MS:WG98296-5 L45811-1 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	50	100	mg/L	188	250	411	89		75--125

METHOD BLANK

MB:WG98296-6 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	10	20	mg/L	<MDL	

SPIKE BLANK

SB:WG98296-7 MB:WG98296-6 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	<MDL	50	51.7	103		80--120

LABORATORY CONTROL SAMPLE

LCS:WG98296-8 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	100	104	104		85--115

METHOD BLANK

MB:WG98296-9 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	10	20	mg/L	<MDL	

SPIKE BLANK

SB:WG98296-10 MB:WG98296-9 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	<MDL	50	54.5	109		80--120

LABORATORY CONTROL SAMPLE

LCS:WG98296-11 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	100	102	102		85--115

LABORATORY DUPLICATE

LD:WG98296-12 L45811-3 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chemical Oxygen Demand	20	40	mg/L	116	112	4		25

MATRIX SPIKE

MS:WG98296-13 L45811-3 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	20	40	mg/L	116	100	207	91		75--125

LIMSView Analytical QC Report - Chemical Oxygen Demand

WG99708

METHOD BLANK

MB:WG99708-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	10	20	mg/L	<MDL	

SPIKE BLANK

SB:WG99708-2 MB:WG99708-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	<MDL	50	51	102		80--120

LABORATORY CONTROL SAMPLE

LCS:WG99708-3 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	100	101	101		85--115

LABORATORY DUPLICATE

LD:WG99708-4 L46418-3 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chemical Oxygen Demand	20	40	mg/L	65.3	66.7	2		25

MATRIX SPIKE

MS:WG99708-5 L46418-3 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	20	40	mg/L	65.3	100	165	99		75--125

METHOD BLANK

MB:WG99708-6 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	10	20	mg/L	<MDL	

SPIKE BLANK

SB:WG99708-7 MB:WG99708-6 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	<MDL	50	51.5	103		80--120

LABORATORY CONTROL SAMPLE

LCS:WG99708-8 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	100	94.3	94		85--115

LIMSView Analytical QC Report - Chemical Oxygen Demand

LABORATORY DUPLICATE

LD:WG99708-9 L46835-11 Matrix: GRND WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	<MDL	<MDL			25

MATRIX SPIKE

MS:WG99708-10 L46835-11 Matrix: GRND WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	<MDL	50	44.8	90		75--125

METHOD BLANK

MB:WG99708-11 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	10	20	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG99708-12 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	10	20	mg/L	100	98.3	98		85--115

WG100242

METHOD BLANK

MB:WG100242-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	5	10	mg/L	<MDL	

SPIKE BLANK

SB:WG100242-2 MB:WG100242-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D Project: NONE Pkey: STD

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	5	10	mg/L	<MDL	500	482	96		80--120

LABORATORY CONTROL SAMPLE

LCS:WG100242-3 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	5	10	mg/L	500	506	101		85--115

LABORATORY DUPLICATE

LD:WG100242-4 L47190-2 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chemical Oxygen Demand	5	10	mg/L	399	384	4		25

LIMSView Analytical QC Report - Chemical Oxygen Demand

MATRIX SPIKE

MS:WG100242-5 L47190-2 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	5	10	mg/L	399	500	818	84		75--125

LABORATORY DUPLICATE

LD:WG100242-6 L47184-1 Matrix: LEACHATE Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chemical Oxygen Demand	5	10	mg/L	713	712	0		25

MATRIX SPIKE

MS:WG100242-7 L47184-1 Matrix: LEACHATE Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	5	10	mg/L	713	500	1130	84		75--125

METHOD BLANK

MB:WG100242-8 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	5	10	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG100242-9 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	5	10	mg/L	500	506	101		85--115

WG101583

METHOD BLANK

MB:WG101583-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	Qual
Chemical Oxygen Demand	5	10	mg/L	<MDL	

SPIKE BLANK

SB:WG101583-2 MB:WG101583-1 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	5	10	mg/L	<MDL	500	510	102		80--120

LABORATORY CONTROL SAMPLE

LCS:WG101583-3 Matrix: BLANK WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	5	10	mg/L	500	518	104		85--115

LIMSView Analytical QC Report - Chemical Oxygen Demand

LABORATORY DUPLICATE

LD:WG101583-4 L47597-2 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chemical Oxygen Demand	5	10	mg/L	300	291	3		25

MATRIX SPIKE

MS:WG101583-5 L47597-2 Matrix: STORM WTR Listtype: CVCOD Method: SM5220-D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chemical Oxygen Demand	5	10	mg/L	300	500	808	102		75--125

LIMSView Batch Report - Chloride

WG96993

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L44912-6	423589-090-1	CVCL	STORM WTR	6/3/2008 9:09	4-Jun-08	5-Jun-08	WG96990-1, -2, -3, WG96993-1, -3, -4, -5, -6, -7, -9, -10, -11, -12, -2, -8
L44952-1	421240BA	CVSO4	STORM WTR	6/3/2008 10:02	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44952-2	421240BA	CVSO4	STORM WTR	6/3/2008 10:39	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44952-3	421240BA	CVSO4	STORM WTR	6/3/2008 11:06	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44952-4	421240BA	CVSO4	STORM WTR	6/3/2008 11:33	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44952-5	421240BA	CVSO4	STORM WTR	6/3/2008 11:55	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44952-6	421240BA	CVSO4	STORM WTR	6/3/2008 12:26	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44952-7	421240BA	CVSO4	STORM WTR	6/3/2008 12:55	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44952-8	421240BA	CVSO4	STORM WTR	6/3/2008 13:14	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44952-9	421240BA	CVSO4	STORM WTR	6/3/2008 13:30	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44953-1	421240BA	CVSO4	STORM WTR	6/3/2008 9:37	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44953-2	421240BA	CVSO4	STORM WTR	6/3/2008 10:10	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44953-3	421240BA	CVSO4	STORM WTR	6/3/2008 10:24	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44953-4	421240BA	CVSO4	STORM WTR	6/3/2008 10:46	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44953-5	421240BA	CVSO4	STORM WTR	6/3/2008 11:02	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44953-6	421240BA	CVSO4	STORM WTR	6/3/2008 11:56	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44953-7	421240BA	CVSO4	STORM WTR	6/3/2008 12:15	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44953-8	421240BA	CVSO4	STORM WTR	6/3/2008 12:50	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44953-9	421240BA	CVSO4	STORM WTR	6/3/2008 9:39	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44954-1	421240BC	CVSO4	STORM WTR	6/3/2008 10:13	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44954-2	421240BC	CVSO4	STORM WTR	6/3/2008 10:40	5-Jun-08	7-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44954-3	421240BC	CVSO4	STORM WTR	6/3/2008 11:10	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44954-4	421240BC	CVSO4	STORM WTR	6/3/2008 11:50	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44954-5	421240BC	CVSO4	STORM WTR	6/3/2008 12:28	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44954-6	421240BC	CVSO4	STORM WTR	6/3/2008 13:05	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44954-7	421240BC	CVSO4	STORM WTR	6/3/2008 13:39	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44954-8	421240BC	CVSO4	STORM WTR	6/3/2008 14:01	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44954-9	421240BC	CVSO4	STORM WTR	6/3/2008 14:47	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44954-10	421240BC	CVSO4	STORM WTR	6/3/2008 15:06	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44954-11	421240BC	CVSO4	STORM WTR	6/3/2008 13:06	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44956-1	421240BB	CVSO4	STORM WTR	6/3/2008 9:53	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44956-2	421240BB	CVSO4	STORM WTR	6/3/2008 10:30	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44956-3	421240BB	CVSO4	STORM WTR	6/3/2008 11:05	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44956-4	421240BB	CVSO4	STORM WTR	6/3/2008 11:51	5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44956-5	421240BB	CVSO4	STORM WTR	6/3/2008 12:18	5-Jun-08	7-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44956-6	421240BB	CVSO4	STORM WTR	6/3/2008 12:32	5-Jun-08	7-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44956-7	421240BB	CVSO4	STORM WTR	6/3/2008 12:53	5-Jun-08	7-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44956-8	421240BB	CVSO4	STORM WTR	6/3/2008 13:45	5-Jun-08	7-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44956-9	421240BB	CVSO4	STORM WTR	6/3/2008 14:25	5-Jun-08	7-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L44956-10	421240BB	CVSO4	STORM WTR	6/3/2008 13:46	5-Jun-08	7-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45671-4	421235	CVSO4	FRESH WTR	5/27/2008 8:40	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45671-5	421235	CVSO4	FRESH WTR	5/27/2008 9:10	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45671-6	421235	CVSO4	FRESH WTR	5/27/2008 13:25	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45671-7	421235	CVSO4	FRESH WTR	5/27/2008 13:30	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8

LIMSView Batch Report - Chloride

L45671-8	421235	CVSO4	FRESH WTR	5/27/2008 12:57	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45671-9	421235	CVSO4	FRESH WTR	5/27/2008 11:05	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45671-11	421235	CVSO4	FRESH WTR	5/27/2008 11:43	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45671-12	421235	CVSO4	FRESH WTR	5/27/2008 11:59	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45671-13	421235	CVSO4	FRESH WTR	5/27/2008 12:29	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45671-14	421235	CVSO4	FRESH WTR	5/27/2008 9:58	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45671-15	421235	CVSO4	FRESH WTR	5/27/2008 10:37	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45671-16	421235	CVSO4	FRESH WTR	5/27/2008 10:20	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45672-4	421235	CVSO4	FRESH WTR	5/28/2008 11:05	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45672-5	421235	CVSO4	FRESH WTR	5/28/2008 10:51	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45672-6	421235	CVSO4	FRESH WTR	5/28/2008 10:25	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
L45672-8	421235	CVSO4	FRESH WTR	5/28/2008 10:00	4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96993-1	LD	CVCL	STORM WTR		4-Jun-08	5-Jun-08	WG96990-1, -2, -3, WG96993-1, -3, -4, -5, -6, -7, -9, -10, -11, -12, -2, -8
WG96993-2	MS	CVCL	STORM WTR		5-Jun-08	7-Jun-08	WG96990-1, -2, -3, WG96993-1, -3, -4, -5, -6, -7, -9, -10, -11, -12, -2, -8
WG96993-3	LD	CVSO4	STORM WTR		4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96993-4	MS	CVSO4	STORM WTR		4-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96993-5	MB	CVSO4	BLANK WTR		5-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96993-6	LCS	CVSO4	BLANK WTR		5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96993-7	LD	CVSO4	STORM WTR		5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96993-8	MS	CVCL	STORM WTR		5-Jun-08	6-Jun-08	WG96993-8
WG96993-9	MB	CVSO4	BLANK WTR		5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96993-10	LCS	CVSO4	BLANK WTR		5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96993-11	LD	CVSO4	STORM WTR		5-Jun-08	6-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96993-12	MS	CVSO4	STORM WTR		5-Jun-08	7-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96993-13	MB	CVSO4	BLANK WTR		4-Jun-08	4-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96993-14	SB	CVSO4	BLANK WTR		4-Jun-08	4-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96993-15	LCS	CVSO4	BLANK WTR		5-Jun-08	5-Jun-08	WG96993-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -14, -15, -8
WG96990-1	MB	CVCL	BLANK WTR		4-Jun-08	4-Jun-08	
WG96990-2	SB	CVCL	BLANK WTR		4-Jun-08	4-Jun-08	
WG96990-3	LCS	CVCL	BLANK WTR		5-Jun-08	5-Jun-08	

WG98208

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L45811-1	423589-090-1	CVCL	STORM WTR	8/19/2008 22:14	20-Aug-08	20-Aug-08	WG98208-1, -2, -3, -4, -5, -12, -13, -6, -7, -8, -9, -10, -11
L45811-3	423589-090-1	CVCL	STORM WTR	8/20/2008 1:35	21-Aug-08	22-Aug-08	WG98208-1, -2, -3, -4, -5, -12, -13, -6, -7, -8, -9, -10, -11
L45811-6	423589-090-1	CVCL	STORM WTR	8/20/2008 1:01	20-Aug-08	20-Aug-08	WG98208-1, -2, -3, -4, -5, -12, -13, -6, -7, -8, -9, -10, -11
L45934-1	421240BA	CVCL	STORM WTR	8/20/2008 10:03	20-Aug-08	21-Aug-08	WG98208-1, -2, -3, -4, -5, -12, -13, -6, -7, -8, -9, -10, -11
L45934-2	421240BA	CVCL	STORM WTR	8/20/2008 11:00	20-Aug-08	21-Aug-08	WG98208-1, -2, -3, -4, -5, -12, -13, -6, -7, -8, -9, -10, -11
L45934-3	421240BA	CVCL	STORM WTR	8/20/2008 11:35	20-Aug-08	21-Aug-08	WG98208-1, -2, -3, -4, -5, -12, -13, -6, -7, -8, -9, -10, -11
L45934-4	421240BA	CVCL	STORM WTR	8/20/2008 12:35	20-Aug-08	21-Aug-08	WG98208-1, -2, -3, -4, -5, -12, -13, -6, -7, -8, -9, -10, -11
L45934-5	421240BA	CVCL	STORM WTR	8/20/2008 13:00	20-Aug-08	21-Aug-08	WG98208-1, -2, -3, -4, -5, -12, -13, -6, -7, -8, -9, -10, -11
L45934-6	421240BA	CVSO4	STORM WTR	8/20/2008 13:30	20-Aug-08	22-Aug-08	WG98208-1, -2, -3, -12, -13, -6, -7, -8, -9, -10, -11
L45934-7	421240BA	CVSO4	STORM WTR	8/20/2008 14:05	20-Aug-08	22-Aug-08	WG98208-1, -2, -3, -12, -13, -6, -7, -8, -9, -10, -11
L45934-8	421240BA	CVSO4	STORM WTR	8/20/2008 14:23	20-Aug-08	22-Aug-08	WG98208-1, -2, -3, -12, -13, -6, -7, -8, -9, -10, -11
L45934-9	421240BA	CVSO4	STORM WTR	8/20/2008 14:57	20-Aug-08	22-Aug-08	WG98208-1, -2, -3, -12, -13, -6, -7, -8, -9, -10, -11
L45934-10	421240BA	CVSO4	STORM WTR	8/20/2008 15:05	20-Aug-08	22-Aug-08	WG98208-1, -2, -3, -12, -13, -6, -7, -8, -9, -10, -11

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WG99616

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L46828-1	421196FF	CVCL	GRND WTR	10/29/2008 10:36	13-Nov-08	13-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
L46418-3	423589-090-1	CVCL	STORM WTR	11/4/2008 5:34	13-Nov-08	14-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
L46418-6	423589-090-1	CVCL	STORM WTR	11/4/2008 4:14	13-Nov-08	14-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
L46918-1	423589-090-1	CVCL	STORM WTR	11/6/2008 14:58	14-Nov-08	14-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
L46918-3	423589-090-1	CVCL	STORM WTR	11/6/2008 16:05	14-Nov-08	14-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
L46918-5	423589-090-1	CVCL	STORM WTR	11/6/2008 20:28	13-Nov-08	13-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
L46918-6	423589-090-1	CVCL	STORM WTR	11/6/2008 15:42	14-Nov-08	14-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
WG99616-1	MB	CVCL	BLANK WTR		13-Nov-08	13-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
WG99616-2	SB	CVCL	BLANK WTR		13-Nov-08	13-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
WG99616-3	LCS	CVCL	BLANK WTR		13-Nov-08	13-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
WG99616-4	LD	CVCL	GRND WTR		13-Nov-08	13-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
WG99616-5	MS	CVCL	GRND WTR		13-Nov-08	13-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
WG99616-6	MB	CVCL	BLANK WTR		14-Nov-08	14-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
WG99616-9	LD	CVCL	STORM WTR		14-Nov-08	14-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10
WG99616-10	MS	CVCL	STORM WTR		14-Nov-08	14-Nov-08	WG99616-1, -2, -3, -4, -5, -6, -9, -10

WG100253

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L47156-1	421422-CHGW	CVSO4	GRND WTR	1/7/2009 8:10	1/13/2009 10:00	1/13/2009 14:32	WG100253-1, -2, -3, -4, -5, -6, -7, -8, -11
L47156-2	421422-CHGW	CVSO4	GRND WTR	1/7/2009 8:25	1/13/2009 10:00	1/13/2009 15:02	WG100253-1, -2, -3, -4, -5, -6, -7, -8, -11
L47157-1	421422-CHGW	CVSO4	GRND WTR	1/9/2009 7:50	1/13/2009 10:00	1/13/2009 15:33	WG100253-1, -2, -3, -4, -5, -6, -7, -8, -11
L47157-2	421422-CHGW	CVSO4	GRND WTR	1/14/2009 11:00	1/14/2009 13:30	1/14/2009 16:40	WG100253-6, -7, -8, -11
L47172-1	421422-CHGW	CVSO4	GRND WTR	1/9/2009 10:10	1/13/2009 10:00	1/13/2009 17:04	WG100253-1, -2, -3, -4, -5, -6, -7, -8, -11
L47172-2	421422-CHGW	CVSO4	GRND WTR	1/13/2009 9:00	1/13/2009 10:00	1/13/2009 20:07	WG100253-1, -2, -3, -4, -5, -6, -7, -8, -11
L47190-2	423589-090-1	CVCL	STORM WTR	1/7/2009 18:15	1/13/2009 10:00	1/13/2009 17:35	WG100253-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11
L47190-4	423589-090-1	CVCL	STORM WTR	1/7/2009 19:19	1/14/2009 7:50	1/14/2009 13:38	WG100253-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11
WG100253-1	MB	CVSO4	BLANK WTR		1/13/2009 10:00	1/13/2009 13:01	WG100253-1, -2, -3, -4, -5, -6, -7, -8, -11
WG100253-2	SB	CVSO4	BLANK WTR		1/13/2009 10:00	1/13/2009 13:31	WG100253-1, -2, -3, -4, -5, -6, -7, -8, -11
WG100253-3	LCS	CVSO4	BLANK WTR		1/13/2009 10:00	1/13/2009 14:01	WG100253-1, -2, -3, -4, -5, -6, -7, -8, -11
WG100253-4	LD	CVSO4	GRND WTR		1/13/2009 10:00	1/13/2009 16:03	WG100253-1, -2, -3, -4, -5, -6, -7, -8, -11
WG100253-5	MS	CVSO4	GRND WTR		1/14/2009 7:50	1/14/2009 13:07	WG100253-1, -2, -3, -4, -5, -6, -7, -8, -11
WG100253-6	MB	CVCL	BLANK WTR		1/14/2009 7:50	1/14/2009 10:05	WG100253-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11
WG100253-7	SB	CVCL	BLANK WTR		1/14/2009 7:50	1/14/2009 10:35	WG100253-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11
WG100253-8	LCS	CVCL	BLANK WTR		1/14/2009 7:50	1/14/2009 11:05	WG100253-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11
WG100253-9	LD	CVCL	STORM WTR		1/14/2009 7:50	1/14/2009 14:08	WG100253-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11
WG100253-10	MS	CVCL	STORM WTR		1/14/2009 7:50	1/14/2009 14:39	WG100253-1, -2, -3, -6, -7, -8, -4, -5, -9, -10, -11
WG100253-11	MB	CVSO4	BLANK WTR		1/14/2009 13:30	1/14/2009 16:10	WG100253-6, -7, -8, -11

WG101565

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L47597-2	423589-090-1	CVCL	STORM WTR	4/2/2009 18:58	4/7/2009 14:45	4/8/2009 2:05	WG101565-1, -2, -3, -4, -5, -6, -7, -8
L47597-3	423589-090-1	CVCL	STORM WTR	4/2/2009 19:28	4/8/2009 9:15	4/8/2009 12:56	WG101565-1, -2, -3, -4, -5, -6, -7, -8
L47597-4	423589-090-1	CVCL	STORM WTR	4/2/2009 19:28	4/7/2009 14:45	4/8/2009 4:07	WG101565-1, -2, -3, -4, -5, -6, -7, -8
L47597-5	423589-090-1	CVCL	STORM WTR	4/2/2009 17:53	4/8/2009 9:15	4/8/2009 14:27	WG101565-1, -2, -3, -4, -5, -6, -7, -8

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WG101565-1	MB	CVCL	BLANK WTR	4/7/2009 14:45	4/8/2009 0:03	WG101565-1, -2, -3, -4, -5, -6, -7, -8
WG101565-2	SB	CVCL	BLANK WTR	4/7/2009 14:45	4/8/2009 0:34	WG101565-1, -2, -3, -4, -5, -6, -7, -8
WG101565-3	LCS	CVCL	BLANK WTR	4/7/2009 14:45	4/8/2009 1:04	WG101565-1, -2, -3, -4, -5, -6, -7, -8
WG101565-4	MB	CVCL	BLANK WTR	4/8/2009 9:15	4/8/2009 11:24	WG101565-1, -2, -3, -4, -5, -6, -7, -8
WG101565-5	SB	CVCL	BLANK WTR	4/8/2009 9:15	4/8/2009 11:55	WG101565-1, -2, -3, -4, -5, -6, -7, -8
WG101565-6	LCS	CVCL	BLANK WTR	4/8/2009 9:15	4/8/2009 12:25	WG101565-1, -2, -3, -4, -5, -6, -7, -8
WG101565-7	LD	CVCL	STORM WTR	4/8/2009 9:15	4/8/2009 13:26	WG101565-1, -2, -3, -4, -5, -6, -7, -8
WG101565-8	MS	CVCL	STORM WTR	4/8/2009 9:15	4/8/2009 13:57	WG101565-1, -2, -3, -4, -5, -6, -7, -8

WG101789

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association
L47739-1	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 5:10	4/21/2009 15:30	4/21/2009 20:14	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-2	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 5:50	4/21/2009 15:30	4/21/2009 20:44	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-4	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 6:20	4/21/2009 15:30	4/21/2009 21:15	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-5	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 7:20	4/21/2009 15:30	4/21/2009 22:46	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-6	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 8:15	4/21/2009 15:30	4/22/2009 0:17	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-7	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 9:15	4/21/2009 15:30	4/22/2009 0:48	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-8	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 9:00	4/21/2009 15:30	4/22/2009 1:18	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-9	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 7:15	4/21/2009 15:30	4/22/2009 1:49	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-10	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 7:45	4/21/2009 15:30	4/22/2009 2:19	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-11	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 5:50	4/21/2009 15:30	4/22/2009 2:49	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-12	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 5:50	4/21/2009 15:30	4/22/2009 3:20	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-13	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 6:45	4/21/2009 15:30	4/22/2009 3:50	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-14	421422-CHSW-Q	CVSO4	FRESH WTR	4/15/2009 8:20	4/21/2009 15:30	4/22/2009 4:21	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47739-15	421422-CHSW-Q	CVSO4	FRESH WTR	4/16/2009 10:00	4/21/2009 15:30	4/22/2009 5:22	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47751-1	421422-CHLS-M	CVSO4	LEACHATE	4/20/2009 7:15	4/23/2009 17:30	4/24/2009 9:03	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47751-3	421422-CHLS-M	CVSO4	LEACHATE	4/20/2009 8:10	4/23/2009 17:30	4/24/2009 11:36	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47751-4	421422-CHLS-M	CVSO4	LEACHATE	4/20/2009 7:45	4/22/2009 13:00	4/23/2009 5:43	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47752-1	421422-VALS-Q	CVSO4	LEACHATE	4/21/2009 8:00	4/23/2009 17:30	4/24/2009 12:37	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47752-3	421422-VALS-Q	CVFL	LEACHATE	4/21/2009 7:00	4/23/2009 17:30	4/24/2009 14:08	WG101789-1, -2, -3, -5, -6, -7, -8, -9, -10, -12, -13, -14, -16, -17, -18, -22, -23
L47826-1	421422-CHGW-A	CVSO4	GRND WTR	4/15/2009 13:20	4/21/2009 15:30	4/22/2009 5:52	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47826-2	421422-CHGW-A	CVSO4	GRND WTR	4/16/2009 11:20	4/21/2009 15:30	4/22/2009 6:23	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47826-3	421422-CHGW-A	CVSO4	GRND WTR	4/16/2009 11:20	4/21/2009 15:30	4/22/2009 7:24	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47826-4	421422-CHGW-A	CVSO4	GRND WTR	4/16/2009 13:20	4/21/2009 15:30	4/22/2009 8:24	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47826-5	421422-CHGW-A	CVSO4	GRND WTR	4/15/2009 14:55	4/21/2009 15:30	4/22/2009 8:55	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47826-6	421422-CHGW-A	CVSO4	GRND WTR	4/16/2009 10:30	4/21/2009 15:30	4/22/2009 10:57	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47826-7	421422-CHGW-A	CVSO4	GRND WTR	4/16/2009 14:40	4/21/2009 17:30	4/22/2009 13:29	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
L47834-1	423589-090-1	CVCL	STORM WTR	4/12/2009 17:13	4/23/2009 17:30	4/24/2009 0:56	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -20, -21, -24, -25
L47834-2	423589-090-1	CVCL	STORM WTR	4/12/2009 17:13	4/23/2009 17:30	4/24/2009 1:27	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -20, -21, -24, -25
L47834-3	423589-090-1	CVCL	STORM WTR	4/12/2009 16:42	4/23/2009 17:30	4/24/2009 3:29	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -20, -21, -24, -25
WG101789-1	MB	CVSO4	BLANK WTR		4/21/2009 15:30	4/21/2009 18:12	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-2	SB	CVSO4	BLANK WTR		4/21/2009 15:30	4/21/2009 18:42	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-3	LCS	CVFL	BLANK WTR		4/21/2009 15:30	4/21/2009 19:13	WG101789-1, -2, -3, -5, -6, -7, -8, -9, -10, -12, -13, -14, -16, -17, -18, -22, -23
WG101789-4	LCS	CVSO4	BLANK WTR		4/21/2009 15:30	4/21/2009 19:43	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-5	LD	CVSO4	FRESH WTR		4/21/2009 15:30	4/21/2009 21:45	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-6	MS	CVSO4	FRESH WTR		4/21/2009 15:30	4/21/2009 22:15	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27

LIMSView Batch Report - Chloride

WG101789-7	LD	CVSO4	GRND WTR	4/21/2009 15:30	4/22/2009 9:25	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-8	MS	CVSO4	GRND WTR	4/21/2009 15:30	4/22/2009 9:56	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-9	MB	CVSO4	BLANK WTR	4/21/2009 17:30	4/22/2009 11:27	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-10	LCS	CVFL	BLANK WTR	4/21/2009 17:30	4/22/2009 11:57	WG101789-1, -2, -3, -5, -6, -7, -8, -9, -10, -12, -13, -14, -16, -17, -18, -22, -23
WG101789-11	LCS	CVSO4	BLANK WTR	4/21/2009 17:30	4/22/2009 12:28	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-12	MB	CVSO4	BLANK WTR	4/22/2009 13:00	4/22/2009 20:35	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-13	SB	CVSO4	BLANK WTR	4/22/2009 13:00	4/22/2009 21:06	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-14	LCS	CVFL	BLANK WTR	4/22/2009 13:00	4/22/2009 21:36	WG101789-1, -2, -3, -5, -6, -7, -8, -9, -10, -12, -13, -14, -16, -17, -18, -22, -23
WG101789-15	LCS	CVSO4	BLANK WTR	4/22/2009 13:00	4/22/2009 22:06	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-16	MB	CVSO4	BLANK WTR	4/23/2009 17:30	4/23/2009 20:53	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-17	SB	CVSO4	BLANK WTR	4/23/2009 17:30	4/23/2009 21:23	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-18	LCS	CVFL	BLANK WTR	4/23/2009 17:30	4/23/2009 21:54	WG101789-1, -2, -3, -5, -6, -7, -8, -9, -10, -12, -13, -14, -16, -17, -18, -22, -23
WG101789-19	LCS	CVSO4	BLANK WTR	4/23/2009 17:30	4/23/2009 22:24	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-20	LD	CVCL	STORM WTR	4/23/2009 17:30	4/24/2009 2:28	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -20, -21, -24, -25
WG101789-21	MS	CVCL	STORM WTR	4/23/2009 17:30	4/24/2009 2:58	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -20, -21, -24, -25
WG101789-22	LD	CVFL	LEACHATE	4/23/2009 17:30	4/24/2009 4:29	WG101789-1, -2, -3, -5, -6, -7, -8, -9, -10, -12, -13, -14, -16, -17, -18, -22, -23
WG101789-23	MS	CVFL	LEACHATE	4/23/2009 17:30	4/24/2009 5:00	WG101789-1, -2, -3, -5, -6, -7, -8, -9, -10, -12, -13, -14, -16, -17, -18, -22, -23
WG101789-24	LD	CVCL	LEACHATE	4/23/2009 17:30	4/24/2009 8:03	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -20, -21, -24, -25
WG101789-25	MS	CVCL	LEACHATE	4/23/2009 17:30	4/24/2009 8:33	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -20, -21, -24, -25
WG101789-26	LD	CVSO4	LEACHATE	4/23/2009 17:30	4/24/2009 9:34	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27
WG101789-27	MS	CVSO4	LEACHATE	4/23/2009 17:30	4/24/2009 10:04	WG101789-1, -2, -4, -5, -6, -7, -8, -9, -11, -12, -13, -15, -16, -17, -19, -26, -27

LIMSView Analytical QC Report - Chloride

WG96993

LABORATORY DUPLICATE

LD:WG96993-1 L44912-6 Matrix: STORM WTR Listtype: CVCL Method: SM4110B (320V4)

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.05	0.1	mg/L	10.8	10.9	0		20

MATRIX SPIKE

MS:WG96993-2 L44912-6 Matrix: STORM WTR Listtype: CVCL Method: SM4110B (320V4)

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.25	0.5	mg/L	10.8	10	21.7	109		75--125

LABORATORY DUPLICATE

LD:WG96993-3 L45671-12 Matrix: STORM WTR Listtype: CVCL Method: SM4110B (320V4)

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3.14	3.17	1		20

MATRIX SPIKE

MS:WG96993-4 L45671-12 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3.14	2	5.22	104		75--125

METHOD BLANK

MB:WG96993-5 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG96993-6 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	2.93	98		85--115

LABORATORY DUPLICATE

LD:WG96993-7 L44952-7 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3.11	3.12	0		20

MATRIX SPIKE

MS:WG96993-8 L44952-7 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3.11	2	5.25	107		75--125

LIMSView Analytical QC Report - Chloride

METHOD BLANK

MB:WG96993-9 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG96993-10 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	3.25	108		85--115

LABORATORY DUPLICATE

LD:WG96993-11 L44954-5 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3.68	3.72	1		20

MATRIX SPIKE

MS:WG96993-12 L44954-5 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3.68	2	6.15	123		75--125

METHOD BLANK

MB:WG96990-1 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

SPIKE BLANK

SB:WG96990-2 WG96990-1 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	<MDL	2	1.92	96		80--120

LABORATORY CONTROL SAMPLE

LCS:WG96990-3 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	2.97	99		85--115

WG98208

METHOD BLANK

MB:WG98208-1 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

LIMSView Analytical QC Report - Chloride

SPIKE BLANK

SB:WG98208-2 MB:WG98208-1 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	<MDL	2	2.01	100		80--120

LABORATORY CONTROL SAMPLE

LCS:WG98208-3 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	3	100		85--115

LABORATORY DUPLICATE

LD:WG98208-4 L45811-6 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.05	0.1	mg/L	6.71	6.68	0		20

MATRIX SPIKE

MS:WG98208-5 L45811-6 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	6.71	2	8.21	75		75--125

LABORATORY DUPLICATE

LD:WG98208-6 L45935-9 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3.68	3.76	2		20

MATRIX SPIKE

MS:WG98208-7 L45935-9 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3.68	2	5.71	101		75--125

METHOD BLANK

MB:WG98208-8 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG98208-9 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	2.96	99		85--115

LABORATORY DUPLICATE

LD:WG98208-10 L45938-5 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3.47	3.48	0		20

LIMSView Analytical QC Report - Chloride

MATRIX SPIKE

MS:WG98208-11 L45938-5 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3.47	2	5.4	96		75--125

METHOD BLANK

MB:WG98208-12 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG98208-13 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	2.99	100		85--115

WG99616

METHOD BLANK

MB:WG99616-1 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

SPIKE BLANK

SB:WG99616-2 MB:WG99616-1 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	<MDL	2	2.02	101		80--120

LABORATORY CONTROL SAMPLE

LCS:WG99616-3 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B (320V4)

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	2.95	98		85--115

LABORATORY DUPLICATE

LD:WG99616-4 L46828-1 Matrix: GRND WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.05	0.1	mg/L	1.07	1.04	3		20

MATRIX SPIKE

MS:WG99616-5 L46828-1 Matrix: GRND WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	1.07	2	3.13	103		75--125

LIMSView Analytical QC Report - Chloride

METHOD BLANK

MB:WG99616-6 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

LABORATORY DUPLICATE

LD:WG99616-9 L46918-6 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.5	1	mg/L	9.79	9.73	1		20

MATRIX SPIKE

MS:WG99616-10 L46918-6 Matrix: STORM WTR Listtype: CVCL Method: SM4110B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.5	1	mg/L	9.79	20	30.3	102		75--125

WG100253

METHOD BLANK

MB:WG100253-1 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

SPIKE BLANK

SB:WG100253-2 MB:WG100253-1 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	<MDL	2	1.97	98		80--120

LABORATORY CONTROL SAMPLE

LCS:WG100253-3 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	2.99	100		85--115

LABORATORY DUPLICATE

LD:WG100253-4 L47157-1 Matrix: GRND WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.5	1	mg/L	8.79	8.29	6		20

MATRIX SPIKE

MS:WG100253-5 L47157-1 Matrix: GRND WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.5	1	mg/L	8.79	2	28.4	98		75--125

LIMSView Analytical QC Report - Chloride

METHOD BLANK

MB:WG100253-6 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

SPIKE BLANK

SB:WG100253-7 MB:WG100253-6 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	<MDL	2	2.06	103		80--120

LABORATORY CONTROL SAMPLE

LCS:WG100253-8 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	3.12	104		85--115

LABORATORY DUPLICATE

LD:WG100253-9 L47190-4 Matrix: STORM WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.5	1	mg/L	17.2	17	1		20

MATRIX SPIKE

MS:WG100253-10 L47190-4 Matrix: STORM WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.5	1	mg/L	17.2	2	37.6	102		75--125

METHOD BLANK

MB:WG100253-11 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

WG101565

METHOD BLANK

MB:WG101565-1 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

SPIKE BLANK

SB:WG101565-2 MB:WG101565-1 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	<MDL	2	1.98	99		80--120

LIMSView Analytical QC Report - Chloride

LABORATORY CONTROL SAMPLE

LCS:WG101565-3 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	2.94	98		85--115

METHOD BLANK

MB:WG101565-4 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

SPIKE BLANK

SB:WG101565-5 MB:WG101565-4 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	<MDL	2	1.95	98		80--120

LABORATORY CONTROL SAMPLE

LCS:WG101565-6 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	3.08	103		85--115

LABORATORY DUPLICATE

LD:WG101565-7 L47597-3 Matrix: STORM WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	5	10	mg/L	148	148	0		20

MATRIX SPIKE

MS:WG101565-8 L47597-3 Matrix: STORM WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	5	10	mg/L	148	2	346	99		75--125

WG101789

METHOD BLANK

MB:WG101789-1 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

SPIKE BLANK

SB:WG101789-2 MB:WG101789-1 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	<MDL	2	1.94	97		80--120

LIMSView Analytical QC Report - Chloride

LABORATORY CONTROL SAMPLE

LCS:WG101789-4 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	2.97	99		85--115

LABORATORY DUPLICATE

LD:WG101789-5 L47739-4 Matrix: FRESH WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.05	0.1	mg/L	2.63	2.65	1		20

MATRIX SPIKE

MS:WG101789-6 L47739-4 Matrix: FRESH WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	2.63	2	4.62	100		75--125

LABORATORY DUPLICATE

LD:WG101789-7 L47826-5 Matrix: GRND WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.1	0.2	mg/L	4.44	4.51	2		20

MATRIX SPIKE

MS:WG101789-8 L47826-5 Matrix: GRND WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.1	0.2	mg/L	4.44	2	8.36	98		75--125

METHOD BLANK

MB:WG101789-9 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG101789-11 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	2.97	99		85--115

METHOD BLANK

MB:WG101789-12 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

SPIKE BLANK

SB:WG101789-13 MB:WG101789-12 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	<MDL	2	1.96	98		80--120

LIMSView Analytical QC Report - Chloride

LABORATORY CONTROL SAMPLE

LCS:WG101789-15 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	2.96	99		85--115

METHOD BLANK

MB:WG101789-16 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	Qual
Chloride	0.05	0.1	mg/L	<MDL	

SPIKE BLANK

SB:WG101789-17 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	<MDL	2	1.9	95		80--120

LABORATORY CONTROL SAMPLE

LCS:WG101789-19 Matrix: BLANK WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Chloride	0.05	0.1	mg/L	3	2.94	98		85--115

LABORATORY DUPLICATE

LD:WG101789-20 L47834-2 Matrix: STORM WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.25	0.5	mg/L	12.9	12.9	1		20

MATRIX SPIKE

MS:WG101789-21 L47834-2 Matrix: STORM WTR Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.25	0.5	mg/L	12.9	2	22.3	93		75--125

LABORATORY DUPLICATE

LD:WG101789-24 L47751-1 Matrix: LEACHATE Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Chloride	0.5	1	mg/L	26.2	26.8	2		20

MATRIX SPIKE

MS:WG101789-25 L47751-1 Matrix: LEACHATE Listtype: CVCL Method: SM4110B CL

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Chloride	0.5	1	mg/L	26.2	2	45.3	96		75--125

LIMSView Batch Report - Total Alkalinity

WG93627

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L43913-1	423589-090-1	CVALK	STORM WTR	9/30/2007 7:27	3-Oct-07	3-Oct-07	
L43913-2	423589-090-1	CVALK	STORM WTR	9/30/2007 14:10	3-Oct-07	3-Oct-07	
L44014-44	421235	CVALK	FRESH WTR	10/1/2007 12:43	3-Oct-07	3-Oct-07	
L44014-45	421235	CVALK	FRESH WTR	10/1/2007 12:43	3-Oct-07	3-Oct-07	
L44014-46	421235	CVALK	FRESH WTR	10/1/2007 12:43	3-Oct-07	3-Oct-07	
L44014-47	421235	CVALK	FRESH WTR	10/1/2007 12:42	3-Oct-07	3-Oct-07	
L44014-48	421235	CVALK	FRESH WTR	10/1/2007 12:42	3-Oct-07	3-Oct-07	
L44015-1	421235	CVALK	FRESH WTR	10/1/2007 11:38	3-Oct-07	3-Oct-07	
L44015-2	421235	CVALK	FRESH WTR	10/1/2007 11:38	3-Oct-07	3-Oct-07	FREP@L44015-1
L44015-3	421235	CVALK	FRESH WTR	10/1/2007 11:37	3-Oct-07	3-Oct-07	
L44015-4	421235	CVALK	FRESH WTR	10/1/2007 11:37	3-Oct-07	3-Oct-07	
L44015-5	421235	CVALK	FRESH WTR	10/1/2007 11:37	3-Oct-07	3-Oct-07	
L44015-6	421235	CVALK	FRESH WTR	10/1/2007 11:37	3-Oct-07	3-Oct-07	
L44015-7	421235	CVALK	FRESH WTR	10/1/2007 11:36	3-Oct-07	3-Oct-07	
L44015-8	421235	CVALK	FRESH WTR	10/1/2007 11:36	3-Oct-07	3-Oct-07	
L44015-9	421235	CVALK	FRESH WTR	10/1/2007 11:36	3-Oct-07	3-Oct-07	
L44015-10	421235	CVALK	FRESH WTR	10/1/2007 11:35	3-Oct-07	3-Oct-07	
L44015-11	421235	CVALK	FRESH WTR	10/1/2007 11:35	3-Oct-07	3-Oct-07	
L44015-12	421235	CVALK	FRESH WTR	10/1/2007 11:34	3-Oct-07	3-Oct-07	
L44016-1	421235	CVALK	FRESH WTR	10/1/2007 12:20	3-Oct-07	3-Oct-07	
L44016-2	421235	CVALK	FRESH WTR	10/1/2007 12:32	3-Oct-07	3-Oct-07	FREP@L44016-1
L44016-3	421235	CVALK	FRESH WTR	10/1/2007 12:27	3-Oct-07	3-Oct-07	
L44016-4	421235	CVALK	FRESH WTR	10/1/2007 12:01	3-Oct-07	3-Oct-07	
L44016-5	421235	CVALK	FRESH WTR	10/1/2007 12:10	3-Oct-07	3-Oct-07	
L44016-6	421235	CVALK	FRESH WTR	10/1/2007 11:19	3-Oct-07	3-Oct-07	
L44016-7	421235	CVALK	FRESH WTR	10/1/2007 11:39	3-Oct-07	3-Oct-07	
L44016-8	421235	CVALK	FRESH WTR	10/1/2007 11:30	3-Oct-07	3-Oct-07	
L44016-9	421235	CVALK	FRESH WTR	10/1/2007 11:25	3-Oct-07	3-Oct-07	
L44016-11	421235	CVALK	FRESH WTR	10/1/2007 10:05	3-Oct-07	3-Oct-07	
L44016-12	421235	CVALK	FRESH WTR	10/1/2007 10:08	3-Oct-07	3-Oct-07	
L44016-13	421235	CVALK	FRESH WTR	10/1/2007 10:21	3-Oct-07	3-Oct-07	
L44016-14	421235	CVALK	FRESH WTR	10/1/2007 10:23	3-Oct-07	3-Oct-07	
WG93627-1	LCS	CVALK	BLANK WTR		3-Oct-07	3-Oct-07	LEVEL3
WG93627-2	LD	CVALK	STORM WTR		3-Oct-07	3-Oct-07	L43913-2
WG93627-3	LD	CVALK	FRESH WTR		3-Oct-07	3-Oct-07	L44015-1
WG93627-4	LCS	CVALK	BLANK WTR		3-Oct-07	3-Oct-07	LEVEL3
WG93627-5	LD	CVALK	FRESH WTR		3-Oct-07	3-Oct-07	L44016-4
WG93627-6	LCS	CVALK	BLANK WTR		3-Oct-07	3-Oct-07	LEVEL2
WG93627-7	LCS	CVALK	BLANK WTR		3-Oct-07	3-Oct-07	LEVEL3

WG94715

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L42988-6	421240BC	CVALK	STORM WTR	12/3/2007 12:36	5-Dec-07	5-Dec-07	
L42988-7	421240BC	CVALK	STORM WTR	12/3/2007 13:31	5-Dec-07	5-Dec-07	

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L42988-8	421240BC	CVALK	STORM WTR	12/3/2007 13:53	5-Dec-07	5-Dec-07	
L42988-9	421240BC	CVALK	STORM WTR	12/3/2007 14:27	5-Dec-07	5-Dec-07	
L42988-10	421240BC	CVALK	STORM WTR	12/3/2007 14:51	5-Dec-07	5-Dec-07	
L42988-11	421240BC	CVALK	STORM WTR	12/3/2007 13:56	5-Dec-07	5-Dec-07	
L42989-1	421240BB	CVALK	STORM WTR	12/3/2007 9:55	5-Dec-07	5-Dec-07	
L42989-2	421240BB	CVALK	STORM WTR	12/3/2007 10:40	5-Dec-07	5-Dec-07	
L42989-3	421240BB	CVALK	STORM WTR	12/3/2007 11:11	5-Dec-07	5-Dec-07	
L42989-4	421240BB	CVALK	STORM WTR	12/3/2007 11:42	5-Dec-07	5-Dec-07	
L42989-5	421240BB	CVALK	STORM WTR	12/3/2007 12:06	5-Dec-07	5-Dec-07	
L42989-6	421240BB	CVALK	STORM WTR	12/3/2007 12:18	5-Dec-07	5-Dec-07	
L42989-7	421240BB	CVALK	STORM WTR	12/3/2007 12:58	5-Dec-07	5-Dec-07	
L42989-8	421240BB	CVALK	STORM WTR	12/3/2007 13:48	5-Dec-07	5-Dec-07	
L42989-9	421240BB	CVALK	STORM WTR	12/3/2007 14:33	5-Dec-07	5-Dec-07	
L42989-10	421240BB	CVALK	STORM WTR	12/3/2007 12:20	5-Dec-07	5-Dec-07	
L44133-1	423589-090-1	CVALK	STORM WTR	12/2/2007 18:55	5-Dec-07	5-Dec-07	
L44133-2	423589-090-1	CVALK	STORM WTR	12/2/2007 11:44	5-Dec-07	5-Dec-07	
L44133-3	423589-090-1	CVALK	STORM WTR	12/2/2007 11:24	5-Dec-07	5-Dec-07	
L44133-4	423589-090-1	CVALK	STORM WTR	12/2/2007 11:24	5-Dec-07	5-Dec-07	
L44136-1	421195CI2	CVALK	FRESH WTR	12/2/2007 16:25	5-Dec-07	5-Dec-07	
L44136-2	421195CI2	CVALK	FRESH WTR	12/2/2007 16:15	5-Dec-07	5-Dec-07	
L44136-3	421195CI2	CVALK	FRESH WTR	12/2/2007 16:40	5-Dec-07	5-Dec-07	
L44767-1	421195CS	CVALK	STORM WTR	12/3/2007 15:38	5-Dec-07	5-Dec-07	
L44767-2	421195CS	CVALK	STORM WTR	12/3/2007 15:30	5-Dec-07	5-Dec-07	
WG94715-1	LCS	CVALK	BLANK WTR		5-Dec-07	5-Dec-07	LEVEL3
WG94715-2	LD	CVALK	STORM WTR		5-Dec-07	5-Dec-07	L42989-1
WG94715-3	LCS	CVALK	BLANK WTR		5-Dec-07	5-Dec-07	LEVEL3
WG94715-4	LD	CVALK	STORM WTR		5-Dec-07	5-Dec-07	L44767-2
WG94715-5	LD	CVALK	STORM WTR		5-Dec-07	5-Dec-07	L44133-2
WG94715-6	LD	CVALK	FRESH WTR		5-Dec-07	5-Dec-07	L44136-3
WG94715-7	LCS	CVALK	BLANK WTR		5-Dec-07	5-Dec-07	LEVEL1
WG94715-8	LCS	CVALK	BLANK WTR		5-Dec-07	5-Dec-07	LEVEL2
WG94715-9	LCS	CVALK	BLANK WTR		5-Dec-07	5-Dec-07	LEVEL3

WG97043

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L44912-6	423589-090-1	CVALK	STORM WTR	6/3/2008 9:09	4-Jun-08	4-Jun-08	
L44952-1	421240BA	CVALK	STORM WTR	6/3/2008 10:02	4-Jun-08	4-Jun-08	
L44952-2	421240BA	CVALK	STORM WTR	6/3/2008 10:39	4-Jun-08	4-Jun-08	
L44952-3	421240BA	CVALK	STORM WTR	6/3/2008 11:06	4-Jun-08	4-Jun-08	
L44952-4	421240BA	CVALK	STORM WTR	6/3/2008 11:33	4-Jun-08	4-Jun-08	
L44952-5	421240BA	CVALK	STORM WTR	6/3/2008 11:55	4-Jun-08	4-Jun-08	
L44952-6	421240BA	CVALK	STORM WTR	6/3/2008 12:26	4-Jun-08	4-Jun-08	
L44952-7	421240BA	CVALK	STORM WTR	6/3/2008 12:55	4-Jun-08	4-Jun-08	
L44952-8	421240BA	CVALK	STORM WTR	6/3/2008 13:14	4-Jun-08	4-Jun-08	
L44952-9	421240BA	CVALK	STORM WTR	6/3/2008 13:30	4-Jun-08	4-Jun-08	
L44953-1	421240BA	CVALK	STORM WTR	6/3/2008 9:37	4-Jun-08	4-Jun-08	

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L44953-2	421240BA	CVALK	STORM WTR	6/3/2008 10:10	4-Jun-08	4-Jun-08	
L44953-3	421240BA	CVALK	STORM WTR	6/3/2008 10:24	4-Jun-08	4-Jun-08	
L44953-4	421240BA	CVALK	STORM WTR	6/3/2008 10:46	4-Jun-08	4-Jun-08	
L44953-5	421240BA	CVALK	STORM WTR	6/3/2008 11:02	4-Jun-08	4-Jun-08	
L44953-6	421240BA	CVALK	STORM WTR	6/3/2008 11:56	4-Jun-08	4-Jun-08	
L44953-7	421240BA	CVALK	STORM WTR	6/3/2008 12:15	4-Jun-08	4-Jun-08	
L44953-8	421240BA	CVALK	STORM WTR	6/3/2008 12:50	4-Jun-08	4-Jun-08	
L44953-9	421240BA	CVALK	STORM WTR	6/3/2008 9:39	4-Jun-08	4-Jun-08	
WG97043-1	LCS	CVALK	BLANK WTR		4-Jun-08	4-Jun-08	LEVEL3
WG97043-2	LD	CVALK	STORM WTR		4-Jun-08	4-Jun-08	L44912-6
WG97043-3	LD	CVALK	STORM WTR		4-Jun-08	4-Jun-08	L44952-3
WG97043-4	LCS	CVALK	BLANK WTR		4-Jun-08	4-Jun-08	LEVEL3

WG98187

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L45811-1	423589-090-1	CVALK	STORM WTR	8/19/2008 22:14	22-Aug-08	22-Aug-08	
L45811-3	423589-090-1	CVALK	STORM WTR	8/20/2008 1:35	22-Aug-08	22-Aug-08	
L45811-6	423589-090-1	CVALK	STORM WTR	8/20/2008 1:01	22-Aug-08	22-Aug-08	
L45934-1	421240BA	CVALK	STORM WTR	8/20/2008 10:03	22-Aug-08	22-Aug-08	
L45934-2	421240BA	CVALK	STORM WTR	8/20/2008 11:00	22-Aug-08	22-Aug-08	
L45934-3	421240BA	CVALK	STORM WTR	8/20/2008 11:35	22-Aug-08	22-Aug-08	
L45934-4	421240BA	CVALK	STORM WTR	8/20/2008 12:35	22-Aug-08	22-Aug-08	
L45934-5	421240BA	CVALK	STORM WTR	8/20/2008 13:00	22-Aug-08	22-Aug-08	
L45934-6	421240BA	CVALK	STORM WTR	8/20/2008 13:30	22-Aug-08	22-Aug-08	
L45934-7	421240BA	CVALK	STORM WTR	8/20/2008 14:05	22-Aug-08	22-Aug-08	
L45934-8	421240BA	CVALK	STORM WTR	8/20/2008 14:23	22-Aug-08	22-Aug-08	
L45934-9	421240BA	CVALK	STORM WTR	8/20/2008 14:57	22-Aug-08	22-Aug-08	
L45934-10	421240BA	CVALK	STORM WTR	8/20/2008 15:05	22-Aug-08	22-Aug-08	
L45938-1	421240BB	CVALK	STORM WTR	8/20/2008 9:21	22-Aug-08	22-Aug-08	
L45938-2	421240BB	CVALK	STORM WTR	8/20/2008 10:11	22-Aug-08	22-Aug-08	
L45938-3	421240BB	CVALK	STORM WTR	8/20/2008 10:49	22-Aug-08	22-Aug-08	
L45938-4	421240BB	CVALK	STORM WTR	8/20/2008 11:32	22-Aug-08	22-Aug-08	
L45938-5	421240BB	CVALK	STORM WTR	8/20/2008 12:15	22-Aug-08	22-Aug-08	
L45938-6	421240BB	CVALK	STORM WTR	8/20/2008 12:30	22-Aug-08	22-Aug-08	
L45938-7	421240BB	CVALK	STORM WTR	8/20/2008 12:46	22-Aug-08	22-Aug-08	
L45938-8	421240BB	CVALK	STORM WTR	8/20/2008 13:44	22-Aug-08	22-Aug-08	
L45938-9	421240BB	CVALK	STORM WTR	8/20/2008 14:35	22-Aug-08	22-Aug-08	
L45938-10	421240BB	CVALK	STORM WTR	8/20/2008 11:34	22-Aug-08	22-Aug-08	
L46249-2	421488	CVALK	EFFLUENT	8/18/2008 10:53	22-Aug-08	22-Aug-08	
L46249-4	421488	CVALK	FRESH WTR	8/18/2008 10:53	22-Aug-08	22-Aug-08	
L46294-2	421187B	CVALK	EFFLUENT	8/18/2008 10:53	22-Aug-08	22-Aug-08	
L46294-4	421187B	CVALK	FRESH WTR	8/18/2008 10:53	22-Aug-08	22-Aug-08	
WG98187-1	LCS	CVALK	BLANK WTR		22-Aug-08	22-Aug-08	LEVEL3
WG98187-2	LD	CVALK	STORM WTR		22-Aug-08	22-Aug-08	L45811-6
WG98187-3	LD	CVALK	STORM WTR		22-Aug-08	22-Aug-08	L45934-6
WG98187-4	LCS	CVALK	BLANK WTR		22-Aug-08	22-Aug-08	LEVEL3

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WG98187-5	LD	CVALK	EFFLUENT	22-Aug-08	22-Aug-08	L46249-2
WG98187-6	LD	CVALK	FRESH WTR	22-Aug-08	22-Aug-08	L46249-4
WG98187-7	LD	CVALK	EFFLUENT	22-Aug-08	22-Aug-08	L46294-2
WG98187-8	LD	CVALK	FRESH WTR	22-Aug-08	22-Aug-08	L46294-4
WG98187-9	LCS	CVALK	BLANK WTR	22-Aug-08	22-Aug-08	LEVEL2
WG98187-10	LCS	CVALK	BLANK WTR	22-Aug-08	22-Aug-08	LEVEL3
WG98187-11	LCS	CVALK	BLANK WTR	22-Aug-08	22-Aug-08	LEVEL4

WG99462

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L46418-3	423589-090-1	CVALK	STORM WTR	11/4/2008 5:34	5-Nov-08	5-Nov-08	
L46418-6	423589-090-1	CVALK	STORM WTR	11/4/2008 4:14	5-Nov-08	5-Nov-08	
L46842-1	421195CS	CVALK	FRESH WTR	11/4/2008 10:22	5-Nov-08	5-Nov-08	
L46842-2	421195CS	CVALK	FRESH WTR	11/4/2008 12:02	5-Nov-08	5-Nov-08	
L46842-3	421195CS	CVALK	FRESH WTR	11/4/2008 11:45	5-Nov-08	5-Nov-08	
L46842-4	421195CS	CVALK	FRESH WTR	11/4/2008 15:00	5-Nov-08	5-Nov-08	
L46860-1	421240AE	CVALK	FRESH WTR	11/4/2008 9:43	5-Nov-08	5-Nov-08	
L46860-2	421240AE	CVALK	FRESH WTR	11/4/2008 10:07	5-Nov-08	5-Nov-08	
L46860-3	421240AE	CVALK	FRESH WTR	11/4/2008 10:50	5-Nov-08	5-Nov-08	
L46860-4	421240AE	CVALK	FRESH WTR	11/4/2008 11:12	5-Nov-08	5-Nov-08	
L46860-5	421240AE	CVALK	FRESH WTR	11/4/2008 11:32	5-Nov-08	5-Nov-08	
L46860-6	421240AE	CVALK	FRESH WTR	11/4/2008 12:06	5-Nov-08	5-Nov-08	
L46860-7	421240AE	CVALK	FRESH WTR	11/4/2008 12:12	5-Nov-08	5-Nov-08	
L46860-8	421240AE	CVALK	FRESH WTR	11/4/2008 12:36	5-Nov-08	5-Nov-08	
L46860-9	421240AE	CVALK	FRESH WTR	11/4/2008 13:13	5-Nov-08	5-Nov-08	
L46860-10	421240AE	CVALK	FRESH WTR	11/4/2008 13:35	5-Nov-08	5-Nov-08	
L46860-11	421240AE	CVALK	FRESH WTR	11/4/2008 13:16	5-Nov-08	5-Nov-08	
L46860-13	421240AE	CVALK	FRESH WTR	11/4/2008 14:15	5-Nov-08	5-Nov-08	
L46860-14	421240AE	CVALK	FRESH WTR	11/4/2008 14:37	5-Nov-08	5-Nov-08	
L46860-15	421240AE	CVALK	FRESH WTR	11/4/2008 14:54	5-Nov-08	5-Nov-08	
L46861-1	421195DC	CVALK	FRESH WTR	11/4/2008 9:08	5-Nov-08	5-Nov-08	
L46861-2	421195DC	CVALK	FRESH WTR	11/4/2008 7:36	5-Nov-08	5-Nov-08	
L46861-3	421195DC	CVALK	FRESH WTR	11/4/2008 7:56	5-Nov-08	5-Nov-08	
L46861-4	421195DC	CVALK	FRESH WTR	11/4/2008 8:18	5-Nov-08	5-Nov-08	
L46861-5	421195DC	CVALK	FRESH WTR	11/4/2008 8:49	5-Nov-08	5-Nov-08	
WG99462-1	LCS	CVALK	BLANK WTR		5-Nov-08	5-Nov-08	LEVEL3
WG99462-2	LD	CVALK	STORM WTR		5-Nov-08	5-Nov-08	L46418-3
WG99462-3	LD	CVALK	FRESH WTR		5-Nov-08	5-Nov-08	L46842-3
WG99462-4	LCS	CVALK	BLANK WTR		5-Nov-08	5-Nov-08	LEVEL3
WG99462-5	LD	CVALK	FRESH WTR		5-Nov-08	5-Nov-08	L46860-3
WG99462-6	LD	CVALK	FRESH WTR		5-Nov-08	5-Nov-08	L46861-3
WG99462-7	LCS	CVALK	BLANK WTR		5-Nov-08	5-Nov-08	LEVEL1
WG99462-8	LCS	CVALK	BLANK WTR		5-Nov-08	5-Nov-08	LEVEL2
WG99462-9	LCS	CVALK	BLANK WTR		5-Nov-08	5-Nov-08	LEVEL3

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WG99567

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L46886-1	421196DD	CVALK	FRESH WTR	11/12/2008 8:30	12-Nov-08	12-Nov-08	
L46886-2	421196DD	CVALK	FRESH WTR	11/12/2008 8:50	12-Nov-08	12-Nov-08	
L46886-3	421196DD	CVALK	FRESH WTR	11/12/2008 9:20	12-Nov-08	12-Nov-08	
L46886-4	421196DD	CVALK	FRESH WTR	11/12/2008 10:00	12-Nov-08	12-Nov-08	
L46886-5	421196DD	CVALK	FRESH WTR	11/12/2008 11:35	12-Nov-08	12-Nov-08	
L46858-1	421240AB	CVALK	FRESH WTR	11/3/2008 8:58	12-Nov-08	12-Nov-08	
L46858-2	421240AB	CVALK	FRESH WTR	11/3/2008 9:15	12-Nov-08	12-Nov-08	
L46858-3	421240AB	CVALK	FRESH WTR	11/3/2008 9:21	12-Nov-08	12-Nov-08	
L46858-4	421240AB	CVALK	FRESH WTR	11/3/2008 10:12	12-Nov-08	12-Nov-08	
L46858-5	421240AB	CVALK	FRESH WTR	11/3/2008 10:48	12-Nov-08	12-Nov-08	
L46858-6	421240AB	CVALK	FRESH WTR	11/3/2008 11:12	12-Nov-08	12-Nov-08	
L46858-7	421240AB	CVALK	FRESH WTR	11/3/2008 11:30	12-Nov-08	12-Nov-08	
L46858-8	421240AB	CVALK	FRESH WTR	11/3/2008 11:56	12-Nov-08	12-Nov-08	
L46858-9	421240AB	CVALK	FRESH WTR	11/3/2008 12:12	12-Nov-08	12-Nov-08	
L46858-10	421240AB	CVALK	FRESH WTR	11/3/2008 12:40	12-Nov-08	12-Nov-08	
L46858-11	421240AB	CVALK	FRESH WTR	11/3/2008 13:00	12-Nov-08	12-Nov-08	
L46858-12	421240AB	CVALK	FRESH WTR	11/3/2008 13:18	12-Nov-08	12-Nov-08	
L46858-13	421240AB	CVALK	FRESH WTR	11/3/2008 13:40	12-Nov-08	12-Nov-08	
L46858-14	421240AB	CVALK	FRESH WTR	11/3/2008 12:16	12-Nov-08	12-Nov-08	
L46859-1	421240AA	CVALK	FRESH WTR	11/3/2008 9:50	12-Nov-08	12-Nov-08	
L46859-2	421240AA	CVALK	FRESH WTR	11/3/2008 10:15	12-Nov-08	12-Nov-08	
L46859-3	421240AA	CVALK	FRESH WTR	11/3/2008 10:30	12-Nov-08	12-Nov-08	
L46859-4	421240AA	CVALK	FRESH WTR	11/3/2008 11:04	12-Nov-08	12-Nov-08	
L46859-6	421240AA	CVALK	FRESH WTR	11/3/2008 11:37	12-Nov-08	12-Nov-08	
L46859-7	421240AA	CVALK	FRESH WTR	11/3/2008 12:15	12-Nov-08	12-Nov-08	
L46859-8	421240AA	CVALK	FRESH WTR	11/3/2008 12:40	12-Nov-08	12-Nov-08	
L46859-9	421240AA	CVALK	FRESH WTR	11/3/2008 12:45	12-Nov-08	12-Nov-08	
L46859-10	421240AA	CVALK	FRESH WTR	11/3/2008 13:40	12-Nov-08	12-Nov-08	
L46859-11	421240AA	CVALK	FRESH WTR	11/3/2008 14:10	12-Nov-08	12-Nov-08	
L46859-15	421240AA	CVALK	FRESH WTR	11/3/2008 11:41	12-Nov-08	12-Nov-08	
L46866-1	421195CS	CVALK	STORM WTR	11/6/2008 0:00	12-Nov-08	12-Nov-08	
L46866-2	421195CS	CVALK	STORM WTR	11/6/2008 0:00	12-Nov-08	12-Nov-08	
L46918-1	423589-090-1	CVALK	STORM WTR	11/6/2008 14:58	12-Nov-08	12-Nov-08	
L46918-3	423589-090-1	CVALK	STORM WTR	11/6/2008 16:05	12-Nov-08	12-Nov-08	
L46918-5	423589-090-1	CVALK	STORM WTR	11/6/2008 20:28	12-Nov-08	12-Nov-08	
L46918-6	423589-090-1	CVALK	STORM WTR	11/6/2008 15:42	12-Nov-08	12-Nov-08	
WG99567-1	LCS	CVALK	BLANK WTR		12-Nov-08	12-Nov-08	LEVEL3
WG99567-2	LD	CVALK	FRESH WTR		12-Nov-08	12-Nov-08	L46858-1
WG99567-3	LD	CVALK	FRESH WTR		12-Nov-08	12-Nov-08	L46886-1
WG99567-4	LCS	CVALK	BLANK WTR		12-Nov-08	12-Nov-08	LEVEL3
WG99567-5	LD	CVALK	FRESH WTR		12-Nov-08	12-Nov-08	L46859-1
WG99567-6	LD	CVALK	STORM WTR		12-Nov-08	12-Nov-08	L46866-1
WG99567-7	LD	CVALK	STORM WTR		12-Nov-08	12-Nov-08	L46918-1
WG99567-8	LCS	CVALK	BLANK WTR		12-Nov-08	12-Nov-08	LEVEL1

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WG99567-9	LCS	CVALK	BLANK WTR	12-Nov-08	12-Nov-08	LEVEL2
WG99567-10	LCS	CVALK	BLANK WTR	12-Nov-08	12-Nov-08	LEVEL3

WG100182

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L47172-1	421422-CHGW	CVALK	GRND WTR	1/9/2009 10:10	1/12/2009 14:25	1/12/2009 14:25	
L46865-1	421195CI2	CVALK	FRESH WTR	12/30/2008 14:18	1/12/2009 13:36	1/12/2009 13:36	
L46865-2	421195CI2	CVALK	FRESH WTR	12/30/2008 13:57	1/12/2009 13:42	1/12/2009 13:42	
L46865-3	421195CI2	CVALK	FRESH WTR	12/30/2008 14:33	1/12/2009 13:50	1/12/2009 13:50	
L46979-1	421195CS	CVALK	FRESH WTR	12/30/2008 10:48	1/12/2009 12:31	1/12/2009 12:31	
L46979-2	421195CS	CVALK	FRESH WTR	12/30/2008 10:36	1/12/2009 12:37	1/12/2009 12:37	
L46979-3	421195CS	CVALK	FRESH WTR	12/30/2008 11:00	1/12/2009 12:43	1/12/2009 12:43	
L46979-4	421195CS	CVALK	FRESH WTR	12/30/2008 11:15	1/12/2009 12:55	1/12/2009 12:55	
L47159-1	421195DC	CVALK	FRESH WTR	1/6/2009 9:08	1/12/2009 13:01	1/12/2009 13:01	
L47159-2	421195DC	CVALK	FRESH WTR	1/6/2009 7:41	1/12/2009 13:06	1/12/2009 13:06	
L47159-3	421195DC	CVALK	FRESH WTR	1/6/2009 8:03	1/12/2009 13:13	1/12/2009 13:13	
L47159-4	421195DC	CVALK	FRESH WTR	1/6/2009 8:21	1/12/2009 13:25	1/12/2009 13:25	
L47159-5	421195DC	CVALK	FRESH WTR	1/6/2009 8:51	1/12/2009 13:30	1/12/2009 13:30	
L47190-2	423589-090-1	CVALK	STORM WTR	1/7/2009 18:15	1/12/2009 13:56	1/12/2009 13:56	
L47190-4	423589-090-1	CVALK	STORM WTR	1/7/2009 19:19	1/12/2009 14:02	1/12/2009 14:02	
WG100182-1	LCS	CVALK	BLANK WTR		1/12/2009 12:22	1/12/2009 12:22	LEVEL3
WG100182-2	LD	CVALK	FRESH WTR		1/12/2009 12:49	1/12/2009 12:49	L46979-3
WG100182-3	LD	CVALK	FRESH WTR		1/12/2009 13:19	1/12/2009 13:19	L47159-3
WG100182-4	LD	CVALK	STORM WTR		1/12/2009 14:09	1/12/2009 14:09	L47190-4
WG100182-5	LD	CVALK	GRND WTR		1/12/2009 14:33	1/12/2009 14:33	L47172-1
WG100182-6	LCS	CVALK	BLANK WTR		1/12/2009 14:54	1/12/2009 14:54	LEVEL1
WG100182-7	LCS	CVALK	BLANK WTR		1/12/2009 15:01	1/12/2009 15:01	LEVEL2
WG100182-8	LCS	CVALK	BLANK WTR		1/12/2009 15:07	1/12/2009 15:07	LEVEL3

WG101482

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L47285-2	421422-CHGW	CVALK	GRND WTR	4/3/2009 9:55	4/8/2009 17:14	4/8/2009 17:14	
L47654-1	421422-CHGW-NP	CVALK	GRND WTR	4/2/2009 7:50	4/8/2009 17:31	4/8/2009 17:31	
L47656-1	421422-CHGW-OS	CVALK	GRND WTR	4/2/2009 10:10	4/8/2009 17:40	4/8/2009 17:40	
L47656-3	421422-CHGW-OS	CVALK	GRND WTR	4/2/2009 8:55	4/8/2009 17:46	4/8/2009 17:46	
L47656-5	421422-CHGW-OS	CVALK	GRND WTR	4/3/2009 7:30	4/8/2009 17:56	4/8/2009 17:56	
L47659-1	421422-CHGW	CVALK	GRND WTR	4/6/2009 9:10	4/8/2009 18:02	4/8/2009 18:02	
L47659-2	421422-CHGW	CVALK	GRND WTR	4/6/2009 10:50	4/8/2009 18:09	4/8/2009 18:09	
L47659-4	421422-CHGW	CVALK	GRND WTR	4/6/2009 7:10	4/8/2009 18:16	4/8/2009 18:16	
L47659-5	421422-CHGW	CVALK	GRND WTR	4/7/2009 7:00	4/8/2009 18:23	4/8/2009 18:23	
L47692-1	421422-CHGW	CVALK	GRND WTR	4/7/2009 8:40	4/8/2009 18:30	4/8/2009 18:30	
L47692-2	421422-CHGW	CVALK	GRND WTR	4/7/2009 12:20	4/8/2009 18:37	4/8/2009 18:37	
L47692-4	421422-CHGW	CVALK	GRND WTR	4/7/2009 8:40	4/8/2009 18:44	4/8/2009 18:44	
L47698-1	421422-CHGW	CVALK	GRND WTR	4/8/2009 11:10	4/8/2009 15:42	4/8/2009 15:42	
L47595-1	421195CI2	CVALK	FRESH WTR	4/5/2009 15:00	4/8/2009 19:01	4/8/2009 19:01	
L47595-2	421195CI2	CVALK	FRESH WTR	4/5/2009 14:50	4/8/2009 19:08	4/8/2009 19:08	

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L47595-3	421195CI2	CVALK	FRESH WTR	4/5/2009 15:10	4/8/2009 19:21	4/8/2009 19:21	
L47597-2	423589-090-1	CVALK	STORM WTR	4/2/2009 18:58	4/8/2009 19:28	4/8/2009 19:28	
L47597-5	423589-090-1	CVALK	STORM WTR	4/2/2009 17:53	4/8/2009 19:48	4/8/2009 19:48	
WG101482-1	LCS	CVALK	BLANK WTR		4/8/2009 14:44	4/8/2009 14:44	LEVEL3
WG101482-2	LD	CVALK	GRND WTR		4/8/2009 16:04	4/8/2009 16:04	L47698-1
WG101482-3	LD	CVALK	GRND WTR		4/8/2009 17:22	4/8/2009 17:22	L47285-2
WG101482-4	LCS	CVALK	BLANK WTR		4/8/2009 18:51	4/8/2009 18:51	LEVEL3
WG101482-5	LD	CVALK	FRESH WTR		4/8/2009 19:14	4/8/2009 19:14	L47595-2
WG101482-6	LD	CVALK	STORM WTR		4/8/2009 19:55	4/8/2009 19:55	L47597-5
WG101482-7	LCS	CVALK	BLANK WTR		4/8/2009 20:31	4/8/2009 20:31	LEVEL3
WG101482-8	LCS	CVALK	BLANK WTR		4/8/2009 23:10	4/8/2009 23:10	LEVEL2

WG101773

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L47737-1	421422-CHGW	CVALK	GRND WTR	4/13/2009 7:05	4/22/2009 14:40	4/22/2009 14:40	
L47737-2	421422-CHGW	CVALK	GRND WTR	4/13/2009 9:00	4/22/2009 14:54	4/22/2009 14:54	
L47737-4	421422-CHGW	CVALK	GRND WTR	4/13/2009 7:50	4/22/2009 15:00	4/22/2009 15:00	
L47738-1	421422-CHGW	CVALK	GRND WTR	4/14/2009 7:40	4/22/2009 15:07	4/22/2009 15:07	
L47738-2	421422-CHGW	CVALK	GRND WTR	4/14/2009 6:40	4/22/2009 15:15	4/22/2009 15:15	
L47738-4	421422-CHGW	CVALK	GRND WTR	4/14/2009 9:35	4/22/2009 15:30	4/22/2009 15:30	
L47738-5	421422-CHGW	CVALK	GRND WTR	4/14/2009 6:50	4/22/2009 15:37	4/22/2009 15:37	
L47738-6	421422-CHGW	CVALK	GRND WTR	4/14/2009 6:30	4/22/2009 15:43	4/22/2009 15:43	
L47738-8	421422-CHGW	CVALK	GRND WTR	4/14/2009 8:30	4/22/2009 15:51	4/22/2009 15:51	
L47739-1	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 5:10	4/22/2009 17:19	4/22/2009 17:19	
L47739-2	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 5:50	4/22/2009 17:25	4/22/2009 17:25	
L47739-4	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 6:20	4/22/2009 17:38	4/22/2009 17:38	
L47739-5	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 7:20	4/22/2009 17:44	4/22/2009 17:44	
L47739-6	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 8:15	4/22/2009 17:50	4/22/2009 17:50	
L47739-7	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 9:15	4/22/2009 17:57	4/22/2009 17:57	
L47739-8	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 9:00	4/22/2009 18:04	4/22/2009 18:04	
L47739-9	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 7:15	4/22/2009 18:10	4/22/2009 18:10	
L47739-10	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 7:45	4/22/2009 18:17	4/22/2009 18:17	
L47739-11	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 5:50	4/22/2009 18:23	4/22/2009 18:23	
L47739-12	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 5:50	4/22/2009 18:29	4/22/2009 18:29	
L47739-13	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 6:45	4/22/2009 18:36	4/22/2009 18:36	
L47739-14	421422-CHSW-Q	CVALK	FRESH WTR	4/15/2009 8:20	4/22/2009 18:41	4/22/2009 18:41	
L47739-15	421422-CHSW-Q	CVALK	FRESH WTR	4/16/2009 10:00	4/22/2009 18:48	4/22/2009 18:48	
L47825-1	421422-CHGW	CVALK	GRND WTR	4/15/2009 15:10	4/22/2009 15:59	4/22/2009 15:59	
L47825-2	421422-CHGW	CVALK	GRND WTR	4/15/2009 12:20	4/22/2009 16:06	4/22/2009 16:06	
L47826-1	421422-CHGW-A	CVALK	GRND WTR	4/15/2009 13:20	4/22/2009 16:15	4/22/2009 16:15	
L47826-2	421422-CHGW-A	CVALK	GRND WTR	4/16/2009 11:20	4/22/2009 16:22	4/22/2009 16:22	
L47826-3	421422-CHGW-A	CVALK	GRND WTR	4/16/2009 11:20	4/22/2009 16:31	4/22/2009 16:31	
L47826-4	421422-CHGW-A	CVALK	GRND WTR	4/16/2009 13:20	4/22/2009 16:39	4/22/2009 16:39	
L47826-5	421422-CHGW-A	CVALK	GRND WTR	4/15/2009 14:55	4/22/2009 16:45	4/22/2009 16:45	
L47826-7	421422-CHGW-A	CVALK	GRND WTR	4/16/2009 14:40	4/22/2009 17:02	4/22/2009 17:02	
L47832-1	421169	CVALK	FRESH WTR	4/14/2009 0:00	4/22/2009 18:54	4/22/2009 18:54	

LIMSView Batch Report - Total Alkalinity

L47832-2	421169	CVALK	FRESH WTR	4/14/2009 0:00	4/22/2009 19:00	4/22/2009 19:00	
L47834-1	423589-090-1	CVALK	STORM WTR	4/12/2009 17:13	4/22/2009 19:16	4/22/2009 19:16	
L47834-2	423589-090-1	CVALK	STORM WTR	4/12/2009 17:13	4/22/2009 19:24	4/22/2009 19:24	
L47834-3	423589-090-1	CVALK	STORM WTR	4/12/2009 16:42	4/22/2009 19:31	4/22/2009 19:31	
WG101773-1	LCS	CVALK	BLANK WTR		4/22/2009 14:31	4/22/2009 14:31	LEVEL3
WG101773-2	LD	CVALK	GRND WTR		4/22/2009 14:47	4/22/2009 14:47	L47737-1
WG101773-3	LD	CVALK	GRND WTR		4/22/2009 15:22	4/22/2009 15:22	L47738-2
WG101773-4	LCS	CVALK	BLANK WTR		4/22/2009 17:09	4/22/2009 17:09	LEVEL3
WG101773-5	LD	CVALK	FRESH WTR		4/22/2009 17:31	4/22/2009 17:31	L47739-2
WG101773-6	LD	CVALK	FRESH WTR		4/22/2009 19:08	4/22/2009 19:08	L47832-2
WG101773-7	LD	CVALK	STORM WTR		4/22/2009 19:38	4/22/2009 19:38	L47834-3
WG101773-8	LCS	CVALK	BLANK WTR		4/22/2009 19:45	4/22/2009 19:45	LEVEL1
WG101773-9	LCS	CVALK	BLANK WTR		4/22/2009 19:52	4/22/2009 19:52	LEVEL2
WG101773-10	LCS	CVALK	BLANK WTR		4/22/2009 19:59	4/22/2009 19:59	LEVEL3
WG101773-11	LCS	CVALK	BLANK WTR		4/22/2009 20:08	4/22/2009 20:08	LEVEL4

WG102183

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	Comments
L47597-3	423589-090-1	CVALK	STORM WTR	4/2/2009 19:28	4/13/2009 15:59	4/13/2009 15:59	
L47597-4	423589-090-1	CVALK	STORM WTR	4/2/2009 19:28	4/13/2009 16:13	4/13/2009 16:13	FREP @ L47597-3
WG102183-1	LCS	CVALK	BLANK WTR		4/13/2009 15:50	4/13/2009 15:50	LEVEL3
WG102183-2	LD	CVALK	STORM WTR		4/13/2009 16:06	4/13/2009 16:06	L47597-3
WG102183-3	LCS	CVALK	BLANK WTR		4/13/2009 17:13	4/13/2009 17:13	LEVEL4

LIMSView Analytical QC Report - Total Alkalinity

WG93627

LABORATORY CONTROL SAMPLE

LCS:WG93627-1 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	50.7	49.6	98		90--110

LABORATORY DUPLICATE

LD:WG93627-2 L43913-2 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	58.7	58.1	1		10

LABORATORY DUPLICATE

LD:WG93627-3 L44015-1 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	38.6	39.3	2		10

LABORATORY CONTROL SAMPLE

LCS:WG93627-4 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	50.7	49.4	98		90--110

LABORATORY DUPLICATE

LD:WG93627-5 L44016-4 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	40.2	40.4	1		10

LABORATORY CONTROL SAMPLE

LCS:WG93627-6 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	27	24.2	90		85--115

LABORATORY CONTROL SAMPLE

LCS:WG93627-7 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	50.7	49.5	98		90--110

WG94715

LABORATORY CONTROL SAMPLE

LCS:WG94715-1 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	50.7	49.6	98		90--110

LIMSView Analytical QC Report - Total Alkalinity

LABORATORY DUPLICATE

LD:WG94715-2 L42989-1 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	26.6	26.8	1		10

LABORATORY CONTROL SAMPLE

LCS:WG94715-3 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	50.7	49.8	98		90--110

LABORATORY DUPLICATE

LD:WG94715-4 L44767-2 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	14.3	15	5		10

LABORATORY DUPLICATE

LD:WG94715-5 L44133-2 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	45.2	45.9	2		10

LABORATORY DUPLICATE

LD:WG94715-6 L44136-3 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	54.7	55.6	2		10

LABORATORY CONTROL SAMPLE

LCS:WG94715-7 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	13.4	12	89		85--115

LABORATORY CONTROL SAMPLE

LCS:WG94715-8 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	27	25.4	94		85--115

LABORATORY CONTROL SAMPLE

LCS:WG94715-9 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	10	mg CaCO3/L	50.7	49.5	98		90--110

LIMSView Analytical QC Report - Total Alkalinity

WG97043

LABORATORY CONTROL SAMPLE

LCS:WG97043-1 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	50.5	101		90--110

LABORATORY DUPLICATE

LD:WG97043-2 L44912-6 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	58.6	58.6	0		10

LABORATORY DUPLICATE

LD:WG97043-3 L44952-3 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50.5	50.5	0		10

LABORATORY CONTROL SAMPLE

LCS:WG97043-4 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	50.1	100		90--110

WG98187

LABORATORY CONTROL SAMPLE

LCS:WG98187-1 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	50.9	102		90--110

LABORATORY DUPLICATE

LD:WG98187-2 L45811-6 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	34.8	35.2	1		10

LABORATORY DUPLICATE

LD:WG98187-3 L45934-6 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	52.4	51.9	1		10

LABORATORY CONTROL SAMPLE

LCS:WG98187-4 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	50.6	101		90--110

LIMSView Analytical QC Report - Total Alkalinity

LABORATORY DUPLICATE

LD:WG98187-5 L46249-2 Matrix: EFFLUENT Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	124	124	0		10

LABORATORY DUPLICATE

LD:WG98187-6 L46249-4 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	78.7	78.7	0		10

LABORATORY DUPLICATE

LD:WG98187-7 L46294-2 Matrix: EFFLUENT Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	219	219	0		10

LABORATORY DUPLICATE

LD:WG98187-8 L46294-4 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	78.8	78.9	0		10

LABORATORY CONTROL SAMPLE

LCS:WG98187-9 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	25	25.3	101		85--115

LABORATORY CONTROL SAMPLE

LCS:WG98187-10 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	50.7	101		90--110

LABORATORY CONTROL SAMPLE

LCS:WG98187-11 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	250	245	98		90--110

WG99462

LABORATORY CONTROL SAMPLE

LCS:WG99462-1 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	50.1	100		90--110

LIMSView Analytical QC Report - Total Alkalinity

LABORATORY DUPLICATE

LD:WG99462-2 L46418-3 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	35	35	0		10

LABORATORY DUPLICATE

LD:WG99462-3 L46842-3 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	10.7	10	7		10

LABORATORY CONTROL SAMPLE

LCS:WG99462-4 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	49.7	99		90--110

LABORATORY DUPLICATE

LD:WG99462-5 L46860-3 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	36.2	36.4	0		10

LABORATORY DUPLICATE

LD:WG99462-6 L46861-3 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD [^]	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	43.8	43.9	0		10

LABORATORY CONTROL SAMPLE

LCS:WG99462-7 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	10	10	100		85--115

LABORATORY CONTROL SAMPLE

LCS:WG99462-8 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	25	25.7	103		85--115

LABORATORY CONTROL SAMPLE

LCS:WG99462-9 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	49.8	100		90--110

LIMSView Analytical QC Report - Total Alkalinity

WG99567

LABORATORY CONTROL SAMPLE

LCS:WG99567-1 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	48.8	98		90--110

LABORATORY DUPLICATE

LD:WG99567-2 L46858-1 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B (319V4) Project: 421240AB Pkey: STD

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	64.5	64.5	0		10

LABORATORY DUPLICATE

LD:WG99567-3 L46886-1 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	108	108	0		10

LABORATORY CONTROL SAMPLE

LCS:WG99567-4 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	49.4	99		90--110

LABORATORY DUPLICATE

LD:WG99567-5 L46859-1 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	54	56.1	4		10

LABORATORY DUPLICATE

LD:WG99567-6 L46866-1 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	8.79	9.21	5		10

LABORATORY DUPLICATE

LD:WG99567-7 L46918-1 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	23.1	22.6	2		10

LABORATORY CONTROL SAMPLE

LCS:WG99567-8 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	10	10.1	101		85--115

LIMSView Analytical QC Report - Total Alkalinity

LABORATORY CONTROL SAMPLE

LCS:WG99567-9 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	25	25.5	102		85--115

LABORATORY CONTROL SAMPLE

LCS:WG99567-10 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	49.4	99		90--110

WG100182

LABORATORY CONTROL SAMPLE

LCS:WG100182-1 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	49	98		90--110

LABORATORY DUPLICATE

LD:WG100182-2 L46979-3 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	11.6	9.79	17	*	10

LABORATORY DUPLICATE

LD:WG100182-3 L47159-3 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	24.1	24.4	1		10

LABORATORY DUPLICATE

LD:WG100182-4 L47190-4 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	35.8	35.8	0		10

LABORATORY DUPLICATE

LD:WG100182-5 L47172-1 Matrix: GRND WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	60.2	61	1		10

LABORATORY CONTROL SAMPLE

LCS:WG100182-6 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	10	10.3	103		85--115

LIMSView Analytical QC Report - Total Alkalinity

LABORATORY CONTROL SAMPLE

LCS:WG100182-7 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	25	21.9	87		85--115

LABORATORY CONTROL SAMPLE

LCS:WG100182-8 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	49.6	99		90--110

WG101482

LABORATORY CONTROL SAMPLE

LCS:WG101482-1 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	45.6	91		90--110

LABORATORY DUPLICATE

LD:WG101482-2 L47698-1 Matrix: GRND WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	69.2	73.2	6		10

LABORATORY DUPLICATE

LD:WG101482-3 L47285-2 Matrix: GRND WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	65.5	67.9	4		10

LABORATORY CONTROL SAMPLE

LCS:WG101482-4 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	48	96		90--110

LABORATORY DUPLICATE

LD:WG101482-5 L47595-2 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	33.3	33.9	2		10

LABORATORY DUPLICATE

LD:WG101482-6 L47597-5 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	27.3	24.9	9		10

LIMSView Analytical QC Report - Total Alkalinity

LABORATORY CONTROL SAMPLE

LCS:WG101482-7 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	46.4	93		90--110

LABORATORY CONTROL SAMPLE

LCS:WG101482-8 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	25	21.5	86		85--115

WG101773

LABORATORY CONTROL SAMPLE

LCS:WG101773-1 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	51.7	103		90--110

LABORATORY DUPLICATE

LD:WG101773-2 L47737-1 Matrix: GRND WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	51.5	51.6	0		10

LABORATORY DUPLICATE

LD:WG101773-3 L47738-2 Matrix: GRND WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	94.1	94.5	0		10

LABORATORY CONTROL SAMPLE

LCS:WG101773-4 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	51.6	103		90--110

LABORATORY DUPLICATE

LD:WG101773-5 L47739-2 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	13.2	13.2	0		10

LABORATORY DUPLICATE

LD:WG101773-6 L47832-2 Matrix: FRESH WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	79.8	77.9	2		10

LIMSView Analytical QC Report - Total Alkalinity

LABORATORY DUPLICATE

LD:WG101773-7 L47834-3 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	50.6	1		10

LABORATORY CONTROL SAMPLE

LCS:WG101773-8 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	10	9.65	97		85--115

LABORATORY CONTROL SAMPLE

LCS:WG101773-9 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	25	22.8	91		85--115

LABORATORY CONTROL SAMPLE

LCS:WG101773-10 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	51.2	102		90--110

LABORATORY CONTROL SAMPLE

LCS:WG101773-11 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	250	254	101		90--110

WG102183

LABORATORY CONTROL SAMPLE

LCS:WG102183-1 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	50	51.4	103		90--110

LABORATORY DUPLICATE

LD:WG102183-2 L47597-3 Matrix: STORM WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	174	163	6		10

LABORATORY CONTROL SAMPLE

LCS:WG102183-3 Matrix: BLANK WTR Listtype: CVALK Method: SM2320-B

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Alkalinity	1	5	mg CaCO3/L	250	235	94		90--110

LIMSView Batch Report - Total and Volatile Suspended Solids

WG93314

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L43913-1	423589-090-1	CVTSS	STORM WTR	9/4/2007 8:17	11-Sep-07	11-Sep-07	WG93314-1, -2, -3	
WG93314-1	MB	CVTSS	BLANK WTR		11-Sep-07	11-Sep-07	WG93314-1, -2, -3	MB1 070911
WG93314-2	LCS	CVTSS	BLANK WTR		11-Sep-07	11-Sep-07	WG93314-1, -2, -3	LEVEL1
WG93314-3	LD	CVTSS	STORM WTR		11-Sep-07	11-Sep-07	WG93314-1, -2, -3	L43790-1

WG93652

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L43913-1	423589-090-1	CVVSS	STORM WTR	9/30/2007 7:27	4-Oct-07	4-Oct-07	WG93652-1, -3	
L43913-2	423589-090-1	CVVSS	STORM WTR	9/30/2007 14:10	4-Oct-07	4-Oct-07	WG93652-1, -3	
WG93652-1	MB	CVVSS	BLANK WTR		4-Oct-07	4-Oct-07	WG93652-1, -3	MB1 071004
WG93652-2	LCS	CVTSS	BLANK WTR		4-Oct-07	4-Oct-07	WG93652-1, -2, -3	LEVEL1
WG93652-3	LD	CVVSS	STORM WTR		4-Oct-07	4-Oct-07	WG93652-1, -3	L43913-1

WG94603

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44133-1	423589-090-1	CVVSS	STORM WTR	12/2/2007 18:55	7-Dec-07	7-Dec-07	WG94603-1, -3	
L44133-2	423589-090-1	CVVSS	STORM WTR	12/2/2007 11:44	7-Dec-07	7-Dec-07	WG94603-1, -3	
L44133-3	423589-090-1	CVVSS	STORM WTR	12/2/2007 11:24	7-Dec-07	7-Dec-07	WG94603-1, -3	
L44133-4	423589-090-1	CVVSS	STORM WTR	12/2/2007 11:24	7-Dec-07	7-Dec-07	WG94603-1, -3	
WG94603-1	MB	CVVSS	BLANK WTR		7-Dec-07	7-Dec-07	WG94603-1, -3	MB1 071207
WG94603-2	LCS	CVTSS	BLANK WTR		7-Dec-07	7-Dec-07	WG94603-1, -2, -3	LEVEL1
WG94603-3	LD	CVVSS	STORM WTR		7-Dec-07	7-Dec-07	WG94603-1, -3	L44133-2

WG96944

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44912-6	423589-090-1	CVVSS	STORM WTR	6/3/2008 9:09	6-Jun-08	6-Jun-08	WG96944-1, -3, -4	
WG96944-1	MB	CVVSS	BLANK WTR		6-Jun-08	6-Jun-08	WG96944-1, -3, -4	MB3 080606
WG96944-2	LCS	CVTSS	BLANK WTR		6-Jun-08	6-Jun-08	WG96944-1, -2, -3, -4	LEVEL1
WG96944-3	LD	CVVSS	STORM WTR		6-Jun-08	6-Jun-08	WG96944-1, -3, -4	L44912-6
WG96944-4	MB	CVVSS	BLANK WTR		6-Jun-08	6-Jun-08	WG96944-1, -3, -4	MB4 080606

WG98195

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L45811-1	423589-090-1	CVVSS	STORM WTR	8/19/2008 22:14	21-Aug-08	21-Aug-08	WG98195-1, -3	
L45811-3	423589-090-1	CVVSS	STORM WTR	8/20/2008 1:35	21-Aug-08	21-Aug-08	WG98195-1, -3	
L45811-6	423589-090-1	CVVSS	STORM WTR	8/20/2008 1:01	21-Aug-08	21-Aug-08	WG98195-1, -3	
WG98195-1	MB	CVVSS	BLANK WTR		21-Aug-08	21-Aug-08	WG98195-1, -3	MB1 080821
WG98195-2	LCS	CVTSS	BLANK WTR		21-Aug-08	21-Aug-08	WG98195-1, -2, -3	LEVEL1
WG98195-3	LD	CVVSS	STORM WTR		21-Aug-08	21-Aug-08	WG98195-1, -3	L45811-6

LIMSView Batch Report - Total and Volatile Suspended Solids

WG99521

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L46418-3	423589-090-1	CVVSS	STORM WTR	11/4/2008 5:34	10-Nov-08	10-Nov-08	WG99521-1, -3	
L46418-6	423589-090-1	CVVSS	STORM WTR	11/4/2008 4:14	10-Nov-08	10-Nov-08	WG99521-1, -3	
L46918-1	423589-090-1	CVVSS	STORM WTR	11/6/2008 14:58	10-Nov-08	10-Nov-08	WG99521-1, -3	
L46918-3	423589-090-1	CVVSS	STORM WTR	11/6/2008 16:05	10-Nov-08	10-Nov-08	WG99521-1, -3	
L46918-5	423589-090-1	CVVSS	STORM WTR	11/6/2008 20:28	10-Nov-08	10-Nov-08	WG99521-1, -3	
L46918-6	423589-090-1	CVVSS	STORM WTR	11/6/2008 15:42	10-Nov-08	10-Nov-08	WG99521-1, -3	
L46918-8	423589-090-1	CVVSS	STORM WTR	11/6/2008 16:59	10-Nov-08	10-Nov-08	WG99521-1, -3	
WG99521-1	MB	CVVSS	BLANK WTR		10-Nov-08	10-Nov-08	WG99521-1, -3	MB1 081110
WG99521-2	LCS	CVTSS	BLANK WTR		10-Nov-08	10-Nov-08	WG99521-1, -2, -3	LEVEL1
WG99521-3	LD	CVVSS	STORM WTR		10-Nov-08	10-Nov-08	WG99521-1, -3	L46918-5

WG100141

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47190-2	423589-090-1	CVVSS	STORM WTR	1/7/2009 18:15	1/12/2009 13:00	1/13/2009 10:00	WG100141-1, -3, -4	
L47190-4	423589-090-1	CVVSS	STORM WTR	1/7/2009 19:19	1/12/2009 13:00	1/13/2009 10:02	WG100141-1, -3, -4	
WG100141-1	MB	CVVSS	BLANK WTR		1/12/2009 13:00	1/13/2009 9:59	WG100141-1, -3, -4	MB1 090112
WG100141-2	LCS	CVTSS	BLANK WTR		1/12/2009 13:00	1/12/2009 16:00	WG100141-1, -2, -3, -4	LEVEL1
WG100141-3	LD	CVVSS	STORM WTR		1/12/2009 13:00	1/13/2009 10:01	WG100141-1, -3, -4	L47190-2
WG100141-4	MB	CVVSS	BLANK WTR		1/12/2009 13:00	1/13/2009 10:03	WG100141-1, -3, -4	MB2 090112

WG101418

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47597-2	423589-090-1	CVTSS	STORM WTR	4/2/2009 18:58	4/7/2009 13:00	4/8/2009 15:58	WG101418-1, -2, -3, -4	
L47597-3	423589-090-1	CVTSS	STORM WTR	4/2/2009 19:28	4/7/2009 13:00	4/8/2009 15:59	WG101418-1, -2, -3, -4	
L47597-4	423589-090-1	CVTSS	STORM WTR	4/2/2009 19:28	4/7/2009 13:00	4/8/2009 16:01	WG101418-1, -2, -3, -4	FREP @ L47597-3
L47597-5	423589-090-1	CVTSS	STORM WTR	4/2/2009 17:53	4/7/2009 13:00	4/8/2009 16:02	WG101418-1, -2, -3, -4	
WG101418-1	MB	CVTSS	BLANK WTR		4/7/2009 13:00	4/8/2009 15:56	WG101418-1, -2, -3, -4	MB1 090407
WG101418-2	LCS	CVTSS	BLANK WTR		4/7/2009 13:00	4/8/2009 15:57	WG101418-1, -2, -3, -4	LEVEL1
WG101418-3	LD	CVTSS	STORM WTR		4/7/2009 13:00	4/8/2009 16:00	WG101418-1, -2, -3, -4	L47597-3
WG101418-4	MB	CVTSS	BLANK WTR		4/7/2009 13:00	4/8/2009 16:02	WG101418-1, -2, -3, -4	MB2 090407

WG101589

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47834-1	423589-090-1	CVVSS	STORM WTR	4/12/2009 17:13	4/16/2009 14:20	4/20/2009 17:27	WG101589-1, -3	
L47834-2	423589-090-1	CVVSS	STORM WTR	4/12/2009 17:13	4/16/2009 14:20	4/20/2009 17:27	WG101589-1, -3	
L47834-3	423589-090-1	CVVSS	STORM WTR	4/12/2009 16:42	4/16/2009 14:20	4/20/2009 17:29	WG101589-1, -3	
L47834-4	423589-090-1	CVVSS	STORM WTR	4/12/2009 15:52	4/16/2009 14:20	4/20/2009 17:30	WG101589-1, -3	
WG101589-1	MB	CVVSS	BLANK WTR		4/16/2009 14:20	4/20/2009 17:25	WG101589-1, -3	MB1 090416
WG101589-2	LCS	CVTSS	BLANK WTR		4/16/2009 14:20	4/20/2009 9:49	WG101589-1, -2, -3	LEVEL1
WG101589-3	LD	CVVSS	STORM WTR		4/16/2009 14:20	4/20/2009 17:28	WG101589-1, -3	L47834-2

LIMSView Analytical QC Report - Total and Volatile Suspended Solids

WG93314

METHOD BLANK

MB:WG93314-1 Matrix: BLANK WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	MB Value	Qual
Volatile Suspended Solids	0.5	1	mg/L	<MDL	

METHOD BLANK

MB:WG93314-1 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	MB Value	Qual
Total Suspended Solids	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG93314-2 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	100	89	89		80--120

LABORATORY DUPLICATE

LD:WG93314-3 L43790-1 Matrix: STORM WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Volatile Suspended Solids	5	10	mg/L	67.2	59	13		25

LABORATORY DUPLICATE

LD:WG93314-3 L43790-1 Matrix: STORM WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	124	113	9		25

WG93652

METHOD BLANK

MB:WG93652-1 Matrix: BLANK WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	MB Value	Qual
Volatile Suspended Solids	0.5	1	mg/L	<MDL	

METHOD BLANK

MB:WG93652-1 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	MB Value	Qual
Total Suspended Solids	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG93652-2 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	100	95	95		80--120

LIMSView Analytical QC Report - Total and Volatile Suspended Solids

LABORTORY DUPLICATE

LD:WG93652-3 L43913-1 Matrix: STORM WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Volatile Suspended Solids	2.5	5	mg/L	29	31	7		25

LABORTORY DUPLICATE

LD:WG93652-3 L43913-1 Matrix: STORM WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Suspended Solids	2.5	5	mg/L	43.5	47	8		25

WG94603

METHOD BLANK

MB:WG94603-1 Matrix: BLANK WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	MB Value	Qual
Volatile Suspended Solids	0.5	1	mg/L	<MDL	

METHOD BLANK

MB:WG94603-1 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	MB Value	Qual
Total Suspended Solids	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG94603-2 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	100	91	91		80--120

LABORATORY DUPLICATE

LD:WG94603-3 L44133-2 Matrix: STORM WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Volatile Suspended Solids	5	10	mg/L	48	53	10		25

LABORATORY DUPLICATE

LD:WG94603-3 L44133-2 Matrix: STORM WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	97	105	8		25

WG96944

METHOD BLANK

MB:WG96944-1 Matrix: BLANK WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	MB Value	Qual
Volatile Suspended Solids	0.5	1	mg/L	<MDL	

LIMSView Analytical QC Report - Total and Volatile Suspended Solids

METHOD BLANK

MB:WG96944-1 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	MB Value	Qual
Total Suspended Solids	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG96944-2 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	100	91	91		80-120

LABORATORY DUPLICATE

LD:WG96944-3 L44912-6 Matrix: STORM WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Volatile Suspended Solids	5	10	mg/L	80	78	3		25

LABORATORY DUPLICATE

LD:WG96944-3 L44912-6 Matrix: STORM WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	109	108	1		25

METHOD BLANK

MB:WG96944-4 Matrix: BLANK WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	MB Value	Qual
Volatile Suspended Solids	0.5	1	mg/L	<MDL	

METHOD BLANK

MB:WG96944-4 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	MB Value	Qual
Total Suspended Solids	0.5	1	mg/L	<MDL	

WG98195

METHOD BLANK

MB:WG98195-1 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	MB Value	Qual
Total Suspended Solids	0.5	1	mg/L	<MDL	

METHOD BLANK

MB:WG98195-1 Matrix: BLANK WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	MB Value	Qual
Volatile Suspended Solids	0.5	1	mg/L	<MDL	

LIMSView Analytical QC Report - Total and Volatile Suspended Solids

LABORATORY CONTROL SAMPLE

LCS:WG98195-2 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	100	85	85		80--120

LABORATORY DUPLICATE

LD:WG98195-3 L45811-6 Matrix: STORM WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	38	37	3		25

LABORATORY DUPLICATE

LD:WG98195-3 L45811-6 Matrix: STORM WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Volatile Suspended Solids	5	10	mg/L	28	26	7		25

WG99521

METHOD BLANK

MB:WG99521-1 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	MB Value	Qual
Total Suspended Solids	0.5	1	mg/L	<MDL	

METHOD BLANK

MB:WG99521-1 Matrix: BLANK WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	MB Value	Qual
Volatile Suspended Solids	0.5	1	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG99521-2 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	100	91	91		80--120

LABORATORY DUPLICATE

LD:WG99521-3 L46918-5 Matrix: STORM WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Suspended Solids	2.5	5	mg/L	103	91.5	11		25

LABORATORY DUPLICATE

LD:WG99521-3 L46918-5 Matrix: STORM WTR Listtype: CVVSS Method: SM2540-E

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Volatile Suspended Solids	2.5	5	mg/L	26.5	25	6		25

LIMSView Analytical QC Report - Total and Volatile Suspended Solids

WG100141

METHOD BLANK

MB:WG100141-1 Matrix: BLANK WTR Listtype: CVVSS Method: EPA 160.4

Parameter	MDL	RDL	Units	MB Value	Qual
Volatile Suspended Solids	1	2	mg/L	<MDL	

METHOD BLANK

MB:WG100141-1 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	MB Value	Qual
Total Suspended Solids	1	2	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG100141-2 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	100	85	85		80--120

LABORATORY DUPLICATE

LD:WG100141-3 L47190-2 Matrix: STORM WTR Listtype: CVVSS Method: EPA 160.4

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Volatile Suspended Solids	20	40	mg/L	160	156	3		25

LABORATORY DUPLICATE

LD:WG100141-3 L47190-2 Matrix: STORM WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Suspended Solids	20	40	mg/L	640	640	0		25

METHOD BLANK

MB:WG100141-4 Matrix: BLANK WTR Listtype: CVVSS Method: EPA 160.4

Parameter	MDL	RDL	Units	MB Value	Qual
Volatile Suspended Solids	1	2	mg/L	<MDL	

METHOD BLANK

MB:WG100141-4 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	MB Value	Qual
Total Suspended Solids	1	2	mg/L	<MDL	

WG101418

METHOD BLANK

MB:WG101418-1 Matrix: BLANK WTR Listtype: CVVSS Method: EPA 160.4

Parameter	MDL	RDL	Units	MB Value	Qual
Volatile Suspended Solids	1	2	mg/L	<MDL	

LIMSView Analytical QC Report - Total and Volatile Suspended Solids

METHOD BLANK

MB:WG101418-1 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	MB Value	Qual
Total Suspended Solids	1	2	mg/L	<MDL	

LABORATORY CONTROL SAMPLE

LCS:WG101418-2 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	100	82	82		80-120

LABORATORY DUPLICATE

LD:WG101418-3 L47597-3 Matrix: STORM WTR Listtype: CVVSS Method: EPA 160.4

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Volatile Suspended Solids	7.1	14	mg/L	62.9	61.4	2		25

LABORATORY DUPLICATE

LD:WG101418-3 L47597-3 Matrix: STORM WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Suspended Solids	7.1	14	mg/L	109	110	1		25

METHOD BLANK

MB:WG101418-4 Matrix: BLANK WTR Listtype: CVVSS Method: EPA 160.4

Parameter	MDL	RDL	Units	MB Value	Qual
Volatile Suspended Solids	1	2	mg/L	<MDL	

METHOD BLANK

MB:WG101418-4 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	MB Value	Qual
Total Suspended Solids	1	2	mg/L	<MDL	

WG101589

METHOD BLANK

MB:WG101589-1 Matrix: BLANK WTR Listtype: CVVSS Method: EPA 160.4

Parameter	MDL	RDL	Units	MB Value	Qual
Volatile Suspended Solids	0.5	1	mg/L	<MDL	

METHOD BLANK

MB:WG101589-1 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	MB Value	Qual
Total Suspended Solids	0.5	1	mg/L	<MDL	

LIMSView Analytical QC Report - Total and Volatile Suspended Solids

LABORATORY CONTROL SAMPLE

LCS:WG101589-2 Matrix: BLANK WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	TrueValue	LCS Value	% Rec.	Qual	LabLimit
Total Suspended Solids	5	10	mg/L	100	105	105		80--120

LABORATORY DUPLICATE

LD:WG101589-3 L47834-2 Matrix: STORM WTR Listtype: CVVSS Method: EPA 160.4

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Volatile Suspended Solids	3.3	6.7	mg/L	22.7	24.7	8		25

LABORATORY DUPLICATE

LD:WG101589-3 L47834-2 Matrix: STORM WTR Listtype: CVTSS Method: SM2540-D

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Total Suspended Solids	3.3	6.7	mg/L	38.7	38	2		25

Attachment B
Trace Metal Analyses
LIMS Batch Reports and Analytical QC Reports

LIMSView Batch Report - Dissolved Mercury

WG99525

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L46418-3	423589-090-1	MTHG-MID-DISS	STORM WTR	11/4/2008 5:34	10-Nov-08	12-Nov-08	WG99525-1, -2, -3, -4, -5	
L46418-6	423589-090-1	MTHG-MID-DISS	STORM WTR	11/4/2008 4:14	10-Nov-08	12-Nov-08	WG99525-1, -2, -3, -4, -5	
WG99525-1	MB	MTHG-MID-DISS	BLANK WTR		10-Nov-08	12-Nov-08	WG99525-1, -2, -3, -4, -5	METHOD BLANK
WG99525-2	SB	MTHG-MID-DISS	BLANK WTR		10-Nov-08	12-Nov-08	WG99525-1, -2, -3, -4, -5	WG99525-1 HG-LMID
WG99525-3	MS	MTHG-MID-DISS	STORM WTR		10-Nov-08	12-Nov-08	WG99525-1, -2, -3, -4, -5	L46418-3 HG-LMID
WG99525-4	MSD	MTHG-MID-DISS	STORM WTR		10-Nov-08	12-Nov-08	WG99525-1, -2, -3, -4, -5	WG99525-3 L46418-3 HG-LMID-MSD
WG99525-5	MB	MTHG-MID-DISS	BLANK WTR		10-Nov-08	12-Nov-08	WG99525-1, -2, -3, -4, -5	CVA A FILTER BLANK

WG99626

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L46918-1	423589-090-1	MTHG-LOW-DISS	STORM WTR	11/6/2008 14:58	17-Nov-08	18-Nov-08	WG99626-1, -2, -3, -4, -5	
L46918-3	423589-090-1	MTHG-LOW-DISS	STORM WTR	11/6/2008 16:05	17-Nov-08	18-Nov-08	WG99626-1, -2, -3, -4, -5	
L46918-5	423589-090-1	MTHG-LOW-DISS	STORM WTR	11/6/2008 20:28	17-Nov-08	18-Nov-08	WG99626-1, -2, -3, -4, -5	
L46918-6	423589-090-1	MTHG-LOW-DISS	STORM WTR	11/6/2008 15:42	17-Nov-08	18-Nov-08	WG99626-1, -2, -3, -4, -5	
WG99626-1	MB	MTHG-LOW-DISS	BLANK WTR		17-Nov-08	18-Nov-08	WG99626-1, -2, -3, -4, -5	METHOD BLANK
WG99626-2	SB	MTHG-LOW-DISS	BLANK WTR		17-Nov-08	18-Nov-08	WG99626-1, -2, -3, -4, -5	WG99626-1 HG-LLOW
WG99626-3	MS	MTHG-LOW-DISS	STORM WTR		17-Nov-08	18-Nov-08	WG99626-1, -2, -3, -4, -5	L46918-3 HG-LLOW
WG99626-4	MSD	MTHG-LOW-DISS	STORM WTR		17-Nov-08	18-Nov-08	WG99626-1, -2, -3, -4, -5	WG99626-3 L46918-3 HG-LLOW-MSD
WG99626-5	MB	MTHG-LOW-DISS	BLANK WTR		17-Nov-08	18-Nov-08	WG99626-1, -2, -3, -4, -5	CVA A FILTER BLANK

WG100280

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47190-2	423589-090-1	MTHG-LOW-DISS	STORM WTR	1/7/2009 18:15	1/20/2009 8:30	1/21/2009 8:53	WG100280-1, -2, -3, -4	
L47190-4	423589-090-1	MTHG-LOW-DISS	STORM WTR	1/7/2009 19:19	1/20/2009 8:30	1/21/2009 9:02	WG100280-1, -2, -3, -4	
WG100280-1	MB	MTHG-LOW-DISS	BLANK WTR		1/20/2009 8:30	1/21/2009 8:47	WG100280-1, -2, -3, -4	METHOD BLANK
WG100280-2	SB	MTHG-LOW-DISS	BLANK WTR		1/20/2009 8:30	1/21/2009 8:50	WG100280-1, -2, -3, -4	WG100280-1 HG-LLOW
WG100280-3	MS	MTHG-LOW-DISS	STORM WTR		1/20/2009 8:30	1/21/2009 8:56	WG100280-1, -2, -3, -4	L47190-2 HG-LLOW
WG100280-4	MSD	MTHG-LOW-DISS	STORM WTR		1/20/2009 8:30	1/21/2009 8:59	WG100280-1, -2, -3, -4	WG100280-3 L47190-2 HG-LLOW-MSD

WG101388

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47597-2	423589-090-1	MTHG-LOW-DISS	STORM WTR	4/2/2009 18:58	4/6/2009 9:05	4/7/2009 12:57	WG101388-1, -2, -3, -4, -5	
L47597-3	423589-090-1	MTHG-LOW-DISS	STORM WTR	4/2/2009 19:28	4/6/2009 9:05	4/7/2009 13:09	WG101388-1, -2, -3, -4, -5	
L47597-4	423589-090-1	MTHG-LOW-DISS	STORM WTR	4/2/2009 19:28	4/6/2009 9:05	4/7/2009 13:12	WG101388-1, -2, -3, -4, -5	FREP @ L47597-3
L47597-5	423589-090-1	MTHG-LOW-DISS	STORM WTR	4/2/2009 17:53	4/6/2009 9:05	4/7/2009 13:15	WG101388-1, -2, -3, -4, -5	
WG101388-1	MB	MTHG-LOW-DISS	BLANK WTR		4/6/2009 9:05	4/7/2009 12:51	WG101388-1, -2, -3, -4, -5	METHOD BLANK
WG101388-2	SB	MTHG-LOW-DISS	BLANK WTR		4/6/2009 9:05	4/7/2009 12:54	WG101388-1, -2, -3, -4, -5	WG101388-1 HG-LLOW
WG101388-3	MS	MTHG-LOW-DISS	STORM WTR		4/6/2009 9:05	4/7/2009 13:00	WG101388-1, -2, -3, -4, -5	L47597-2 HG-LLOW
WG101388-4	MSD	MTHG-LOW-DISS	STORM WTR		4/6/2009 9:05	4/7/2009 13:03	WG101388-1, -2, -3, -4, -5	WG101388-3 L47597-2 HG-LLOW-MSD
WG101388-5	MB	MTHG-LOW-DISS	BLANK WTR		4/6/2009 9:05	4/7/2009 13:06	WG101388-1, -2, -3, -4, -5	CVA A FILTER BLANK

LIMSView Batch Report - Dissolved Mercury

WG102095

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47834-1	423589-090-1	MTHG-LOW-DISS	STORM WTR	4/12/2009 17:13	5/7/2009 8:30	5/7/2009 14:16	WG102095-1, -2, -3, -4	
L47834-2	423589-090-1	MTHG-LOW-DISS	STORM WTR	4/12/2009 17:13	5/7/2009 8:30	5/7/2009 14:25	WG102095-1, -2, -3, -4	
L47834-3	423589-090-1	MTHG-LOW-DISS	STORM WTR	4/12/2009 16:42	5/7/2009 8:30	5/7/2009 14:28	WG102095-1, -2, -3, -4	
WG102095-1	MB	MTHG-LOW-DISS	BLANK WTR		5/7/2009 8:30	5/7/2009 14:09	WG102095-1, -2, -3, -4	METHOD BLANK
WG102095-2	SB	MTHG-LOW-DISS	BLANK WTR		5/7/2009 8:30	5/7/2009 14:13	WG102095-1, -2, -3, -4	WG102095-1 HG-LLOW
WG102095-3	MS	MTHG-LOW-DISS	STORM WTR		5/7/2009 8:30	5/7/2009 14:19	WG102095-1, -2, -3, -4	L47834-1 HG-LLOW
WG102095-4	MSD	MTHG-LOW-DISS	STORM WTR		5/7/2009 8:30	5/7/2009 14:22	WG102095-1, -2, -3, -4	WG102095-3 L47834-1 HG-LLOW-MSD

LIMSView Analytical QC Report - Dissolved Mercury

WG99525

METHOD BLANK

MB:WG99525-1 Matrix: BLANK WTR Listtype: MTHG-MID-DISS Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Dissolved, CVAA	0.05	0.15	ug/L	<MDL	

SPIKE BLANK

SB:WG99525-2 MB:WG99525-1 Matrix: BLANK WTR Listtype: MTHG-MID-DISS Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Dissolved, CVAA	0.05	0.15	ug/L	<MDL	1	0.924	92		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG99525-4 MS:WG99525-3 L46418-3 Matrix: STORM WTR Listtype: MTHG-MID-DISS Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Dissolved, CVAA	0.05	0.15	ug/L	<MDL	1	0.922	92		70--130	1	0.959	96		4		20

METHOD BLANK

MB:WG99525-5 Matrix: BLANK WTR Listtype: MTHG-MID-DISS Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Dissolved, CVAA	0.05	0.15	ug/L	<MDL	

WG99626

METHOD BLANK

MB:WG99626-1 Matrix: BLANK WTR Listtype: MTHG-LOW-DISS Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	

SPIKE BLANK

SB:WG99626-2 MB:WG99626-1 Matrix: BLANK WTR Listtype: MTHG-LOW-DISS Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	0.05	0.0454	91		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG99626-4 MS:WG99626-3 L46918-3 Matrix: STORM WTR Listtype: MTHG-LOW-DISS Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	0.0435	0.05	0.0878	89		70--130	0.05	0.0879	89		0		20

LIMSView Analytical QC Report - Dissolved Mercury

METHOD BLANK

MB:WG99626-5 Matrix: BLANK WTR Listtype: MTHG-LOW-DISS Method: CVAA EPA 245.1

(Method Blank)

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	

WG100280

METHOD BLANK

MB:WG100280-1 Matrix: BLANK WTR Listtype: MTHG-LOW-DISS Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	

SPIKE BLANK

SB:WG100280-2 **MB:WG100280-1** Matrix: BLANK WTR Listtype: MTHG-LOW-DISS Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	0.05	0.05	100		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG100280-4 **MS:WG100280-3** **L47190-2** Matrix: STORM WTR Listtype: MTHG-LOW-DISS Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	0.05	0.0485	97		75--125	0.05	0.0487	97		0		20

WG101388

METHOD BLANK

MB:WG101388-1 Matrix: BLANK WTR Listtype: MTHG-LOW-DISS Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	

SPIKE BLANK

SB:WG101388-2 **MB:WG101388-1** Matrix: BLANK WTR Listtype: MTHG-LOW-DISS Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	0.05	0.0484	97		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG101388-4 **MS:WG101388-3** **L47597-2** Matrix: STORM WTR Listtype: MTHG-LOW-DISS Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	0.05	0.0501	100		75--125	0.05	0.0503	101		1		20

LIMSView Analytical QC Report - Dissolved Mercury

METHOD BLANK

MB:WG101388-5 Matrix: BLANK WTR Listtype: MTHG-LOW-DISS Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	

WG102095

METHOD BLANK

MB:WG102095-1 Matrix: BLANK WTR Listtype: MTHG-LOW-DISS Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	

SPIKE BLANK

SB:WG102095-2 MB:WG102095-1 Matrix: BLANK WTR Listtype: MTHG-LOW-DISS Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	0.05	0.0466	93		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG102095-4 MS:WG102095-3 L47834-1 Matrix: STORM WTR Listtype: MTHG-LOW-DISS Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Dissolved, CVAA	0.005	0.015	ug/L	<MDL	0.05	0.049	98		75--125	0.05	0.0477	95		3		20

LIMSView Batch Report - Total Mercury

WG93332

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L43684-1	421184EN	MTHG-MID	EFFLUENT	9/4/2007 0:00	12-Sep-07	13-Sep-07	WG93332-1, -2, -3, -4	
L43611-1	423484-850-4	MTHG-MID	STORM WTR	8/20/2007 13:00	12-Sep-07	13-Sep-07	WG93332-1, -2, -3, -4	
L43611-3	423484-850-4	MTHG-MID	STORM WTR	8/20/2007 12:20	12-Sep-07	13-Sep-07	WG93332-1, -2, -3, -4	
L43790-1	423589-090-1	MTHG-MID	STORM WTR	9/4/2007 8:17	12-Sep-07	13-Sep-07	WG93332-1, -2, -3, -4	
WG93332-1	MB	MTHG-MID	BLANK WTR		12-Sep-07	13-Sep-07	WG93332-1, -2, -3, -4	METHOD BLANK
WG93332-2	SB	MTHG-MID	BLANK WTR		12-Sep-07	13-Sep-07	WG93332-1, -2, -3, -4	WG93332-1 HG-LMID
WG93332-3	MS	MTHG-MID	EFFLUENT		12-Sep-07	13-Sep-07	WG93332-1, -2, -3, -4	L43684-1 HG-LMID
WG93332-4	MSD	MTHG-MID	EFFLUENT		12-Sep-07	13-Sep-07	WG93332-1, -2, -3, -4	WG93332-3 L43684-1 HG-LMID-MSD

WG93887

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44007-1	421184EN	MTHG-MID	EFFLUENT	10/1/2007 9:00	16-Oct-07	22-Oct-07	WG93887-1, -2, -5, -6	
L43913-1	423589-090-1	MTHG-MID	STORM WTR	9/30/2007 7:27	16-Oct-07	22-Oct-07	WG93887-1, -2, -3, -4	
L43913-2	423589-090-1	MTHG-MID	STORM WTR	9/30/2007 14:10	16-Oct-07	22-Oct-07	WG93887-1, -2, -3, -4	
L44107-1	421185	MTHG-MID	BLANK WTR	10/8/2007 13:40	16-Oct-07	22-Oct-07	WG93887-1, -2, -5, -6	FLDBLK @ L44108-7
L44108-1	421185	MTHG-MID	INFLUENT	10/9/2007 7:51	16-Oct-07	22-Oct-07	WG93887-1, -2, -5, -6	
L44108-7	421185	MTHG-MID	EFFLUENT	10/9/2007 7:39	16-Oct-07	22-Oct-07	WG93887-1, -2, -5, -6	
WG93887-1	MB	MTHG-MID	BLANK WTR		16-Oct-07	22-Oct-07	WG93887-1, -2, -3, -4, -5, -6	METHOD BLANK
WG93887-2	SB	MTHG-MID	BLANK WTR		16-Oct-07	22-Oct-07	WG93887-1, -2, -3, -4, -5, -6	WG93887-1 HG-LMID
WG93887-3	MS	MTHG-MID	STORM WTR		16-Oct-07	22-Oct-07	WG93887-1, -2, -3, -4	L43913-1 HG-LMID
WG93887-4	MSD	MTHG-MID	STORM WTR		16-Oct-07	22-Oct-07	WG93887-1, -2, -3, -4	WG93887-3 L43913-1 HG-LMID-MSD
WG93887-5	MS	MTHG-MID	EFFLUENT		16-Oct-07	22-Oct-07	WG93887-1, -2, -5, -6	L44108-7 HG-LMID
WG93887-6	MSD	MTHG-MID	EFFLUENT		16-Oct-07	22-Oct-07	WG93887-1, -2, -5, -6	WG93887-5 L44108-7 HG-LMID-MSD

WG94158

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44132-1	423589-090-1	MTHG-MID	BLANK WTR	10/19/2007 11:10	6-Nov-07	7-Nov-07	WG94158-1, -2, -3, -4	
L44338-1	421186B	MTHG-MID	BLANK WTR	10/30/2007 8:16	6-Nov-07	7-Nov-07	WG94158-1, -2, -3, -4	FLDBLK @ L44339-4
L44339-1	421186B	MTHG-MID	INFLUENT	10/30/2007 8:45	6-Nov-07	7-Nov-07	WG94158-1, -2, -3, -4	
L44339-3	421186B	MTHG-MID	EFFLUENT	10/30/2007 8:38	6-Nov-07	7-Nov-07	WG94158-1, -2, -3, -4	
L44339-4	421186B	MTHG-MID	EFFLUENT	10/30/2007 8:24	6-Nov-07	7-Nov-07	WG94158-1, -2, -3, -4	
L44393-1	421430	MTHG-MID	EFFLUENT	10/15/2007 7:45	6-Nov-07	7-Nov-07	WG94158-1, -2, -3, -4	
L44440-1	421163	MTHG-MID	IW WTR	11/1/2007 10:15	6-Nov-07	7-Nov-07	WG94158-1, -2, -3, -4	
WG94158-1	MB	MTHG-MID	BLANK WTR		6-Nov-07	7-Nov-07	WG94158-1, -2, -3, -4	METHOD BLANK
WG94158-2	SB	MTHG-MID	BLANK WTR		6-Nov-07	7-Nov-07	WG94158-1, -2, -3, -4	WG94158-1 HG-LMID
WG94158-3	MS	MTHG-MID	EFFLUENT		6-Nov-07	7-Nov-07	WG94158-1, -2, -3, -4	L44339-4 HG-LMID
WG94158-4	MSD	MTHG-MID	EFFLUENT		6-Nov-07	7-Nov-07	WG94158-1, -2, -3, -4	WG94158-3 L44339-4 HG-LMID-MSD

LIMSView Batch Report - Total Mercury

WG94581

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44133-1	423589-090-1	MTHG-MID	STORM WTR	12/2/2007 18:55	3-Dec-07	5-Dec-07	WG94581-1, -2, -3, -4	
L44133-2	423589-090-1	MTHG-MID	STORM WTR	12/2/2007 11:44	3-Dec-07	5-Dec-07	WG94581-1, -2, -3, -4	
L44133-3	423589-090-1	MTHG-MID	STORM WTR	12/2/2007 11:24	3-Dec-07	5-Dec-07	WG94581-1, -2, -3, -4	
L44133-4	423589-090-1	MTHG-MID	STORM WTR	12/2/2007 11:24	3-Dec-07	5-Dec-07	WG94581-1, -2, -3, -4	
L44629-1	421185	MTHG-MID	EFFLUENT	11/16/2007 1:57	3-Dec-07	5-Dec-07	WG94581-1, -2, -3, -4	
WG94581-1	MB	MTHG-MID	BLANK WTR		3-Dec-07	5-Dec-07	WG94581-1, -2, -3, -4	METHOD BLANK
WG94581-2	SB	MTHG-MID	BLANK WTR		3-Dec-07	5-Dec-07	WG94581-1, -2, -3, -4	WG94581-1 HG-LMID
WG94581-3	MS	MTHG-MID	STORM WTR		3-Dec-07	5-Dec-07	WG94581-1, -2, -3, -4	L44133-2 HG-LMID
WG94581-4	MSD	MTHG-MID	STORM WTR		3-Dec-07	5-Dec-07	WG94581-1, -2, -3, -4	WG94581-3 L44133-2 HG-LMID-MSD

WG95298

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L45049-1	421184EN	MTHG-MID	INFLUENT	2/4/2008 0:00	7-Feb-08	8-Feb-08	WG95298-1, -2, -3, -4	
L45049-2	421184EN	MTHG-MID	EFFLUENT	2/4/2008 0:00	7-Feb-08	8-Feb-08	WG95298-1, -2, -3, -4	
L44913-1	423589-090-1	MTHG-MID	BLANK WTR	1/28/2008 11:50	7-Feb-08	8-Feb-08	WG95298-1, -2, -3, -4	FLDBLK @ P44914-3 & 4
L45015-1	421430	MTHG-MID	EFFLUENT	1/24/2008 8:00	7-Feb-08	8-Feb-08	WG95298-1, -2, -3, -4	
L45041-1	421186B	MTHG-MID	BLANK WTR	2/5/2008 7:45	7-Feb-08	8-Feb-08	WG95298-1, -2, -3, -4	FLDBLK @ L45042-7
L45042-1	421186B	MTHG-MID	INFLUENT	2/5/2008 8:42	7-Feb-08	8-Feb-08	WG95298-1, -2, -3, -4	
L45042-4	421186B	MTHG-MID	EFFLUENT	2/5/2008 8:17	7-Feb-08	8-Feb-08	WG95298-1, -2, -3, -4	
L45042-7	421186B	MTHG-MID	EFFLUENT	2/5/2008 7:56	7-Feb-08	8-Feb-08	WG95298-1, -2, -3, -4	
WG95298-1	MB	MTHG-MID	BLANK WTR		7-Feb-08	8-Feb-08	WG95298-1, -2, -3, -4	METHOD BLANK
WG95298-2	SB	MTHG-MID	BLANK WTR		7-Feb-08	8-Feb-08	WG95298-1, -2, -3, -4	WG95298-1 HG-LMID
WG95298-3	MS	MTHG-MID	EFFLUENT		7-Feb-08	8-Feb-08	WG95298-1, -2, -3, -4	L45042-7 HG-LMID
WG95298-4	MSD	MTHG-MID	EFFLUENT		7-Feb-08	8-Feb-08	WG95298-1, -2, -3, -4	WG95298-3 L45042-7 HG-LMID-MSD

WG97063

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L45722-1	421184EN	MTHG-MID	EFFLUENT	6/2/2008 8:30	11-Jun-08	12-Jun-08	WG97063-1, -2, -3, -4	
L44877-1	421185	MTHG-MID	STORM WTR	6/3/2008 19:59	11-Jun-08	12-Jun-08	WG97063-1, -2, -3, -4	
L44912-6	423589-090-1	MTHG-MID	STORM WTR	6/3/2008 9:09	11-Jun-08	12-Jun-08	WG97063-1, -2, -3, -4	
L45805-1	423589-090-1	MTHG-MID	BLANK WTR	6/5/2008 10:20	11-Jun-08	12-Jun-08	WG97063-1, -2, -3, -4	FLDBLK for P45811
WG97063-1	MB	MTHG-MID	BLANK WTR		11-Jun-08	12-Jun-08	WG97063-1, -2, -3, -4	METHOD BLANK
WG97063-2	SB	MTHG-MID	BLANK WTR		11-Jun-08	12-Jun-08	WG97063-1, -2, -3, -4	WG97063-1 HG-LMID
WG97063-3	MS	MTHG-MID	EFFLUENT		11-Jun-08	12-Jun-08	WG97063-1, -2, -3, -4	L45722-1 HG-LMID
WG97063-4	MSD	MTHG-MID	EFFLUENT		11-Jun-08	12-Jun-08	WG97063-1, -2, -3, -4	WG97063-3 L45722-1 HG-LMID-MSD

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WG98279

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L46147-1	421184EW	MTHG-MID	EFFLUENT	8/18/2008 0:00	26-Aug-08	28-Aug-08	WG98279-1, -2, -3, -4	
L45811-1	423589-090-1	MTHG-MID	STORM WTR	8/19/2008 22:14	26-Aug-08	28-Aug-08	WG98279-1, -2, -3, -4	
L45811-3	423589-090-1	MTHG-MID	STORM WTR	8/20/2008 1:35	26-Aug-08	28-Aug-08	WG98279-1, -2, -3, -4	
L45811-6	423589-090-1	MTHG-MID	STORM WTR	8/20/2008 1:01	26-Aug-08	28-Aug-08	WG98279-1, -2, -3, -4	
L46143-1	421430	MTHG-MID	EFFLUENT	8/18/2008 0:00	26-Aug-08	28-Aug-08	WG98279-1, -2, -3, -4	
WG98279-1	MB	MTHG-MID	BLANK WTR		26-Aug-08	28-Aug-08	WG98279-1, -2, -3, -4	METHOD BLANK
WG98279-2	SB	MTHG-MID	BLANK WTR		26-Aug-08	28-Aug-08	WG98279-1, -2, -3, -4	WG98279-1 HG-LMID
WG98279-3	MS	MTHG-MID	EFFLUENT		26-Aug-08	28-Aug-08	WG98279-1, -2, -3, -4	L46143-1 HG-LMID
WG98279-4	MSD	MTHG-MID	EFFLUENT		26-Aug-08	28-Aug-08	WG98279-1, -2, -3, -4	WG98279-3 L46143-1 HG-LMID-MSD

WG99524

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L46838-1	421184EN	MTHG-MID	EFFLUENT	11/3/2008 8:00	10-Nov-08	10-Nov-08	WG99524-1, -2, -3, -4	
L46828-1	421196FF	MTHG-MID	GRND WTR	10/29/2008 10:36	10-Nov-08	10-Nov-08	WG99524-1, -2, -3, -4	
L45816-1	421185	MTHG-MID	STORM WTR	11/4/2008 5:36	10-Nov-08	10-Nov-08	WG99524-1, -2, -3, -4	
L46418-3	423589-090-1	MTHG-MID	STORM WTR	11/4/2008 5:34	10-Nov-08	10-Nov-08	WG99524-1, -2, -3, -4	
L46418-6	423589-090-1	MTHG-MID	STORM WTR	11/4/2008 4:14	10-Nov-08	10-Nov-08	WG99524-1, -2, -3, -4	
L46930-1	421185	MTHG-MID	STORM WTR	11/6/2008 18:59	10-Nov-08	10-Nov-08	WG99524-1, -2, -3, -4	
L46933-1	421185	MTHG-MID	STORM WTR	11/7/2008 7:02	10-Nov-08	10-Nov-08	WG99524-1, -2, -3, -4	
WG99524-1	MB	MTHG-MID	BLANK WTR		10-Nov-08	10-Nov-08	WG99524-1, -2, -3, -4	METHOD BLANK
WG99524-2	SB	MTHG-MID	BLANK WTR		10-Nov-08	10-Nov-08	WG99524-1, -2, -3, -4	WG99524-1 HG-LMID
WG99524-3	MS	MTHG-MID	EFFLUENT		10-Nov-08	10-Nov-08	WG99524-1, -2, -3, -4	L46838-1 HG-LMID
WG99524-4	MSD	MTHG-MID	EFFLUENT		10-Nov-08	10-Nov-08	WG99524-1, -2, -3, -4	WG99524-3 L46838-1 HG-LMID-MSD

WG99625

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L46918-1	423589-090-1	MTHG-LOW	STORM WTR	11/6/2008 14:58	17-Nov-08	18-Nov-08	WG99625-1, -2, -3, -4	
L46918-3	423589-090-1	MTHG-LOW	STORM WTR	11/6/2008 16:05	17-Nov-08	18-Nov-08	WG99625-1, -2, -3, -4	
L46918-5	423589-090-1	MTHG-LOW	STORM WTR	11/6/2008 20:28	17-Nov-08	18-Nov-08	WG99625-1, -2, -3, -4	
L46918-6	423589-090-1	MTHG-LOW	STORM WTR	11/6/2008 15:42	17-Nov-08	18-Nov-08	WG99625-1, -2, -3, -4	
WG99625-1	MB	MTHG-LOW	BLANK WTR		17-Nov-08	18-Nov-08	WG99625-1, -2, -3, -4	METHOD BLANK
WG99625-2	SB	MTHG-LOW	BLANK WTR		17-Nov-08	18-Nov-08	WG99625-1, -2, -3, -4	WG99625-1 HG-LLOW
WG99625-3	MS	MTHG-LOW	STORM WTR		17-Nov-08	18-Nov-08	WG99625-1, -2, -3, -4	L46918-5 HG-LLOW
WG99625-4	MSD	MTHG-LOW	STORM WTR		17-Nov-08	18-Nov-08	WG99625-1, -2, -3, -4	WG99625-3 L46918-5 HG-LLOW-MSD

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WG100281

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47169-3	423484-850-4	MTHG-LOW	STORM WTR	1/8/2009 10:40	1/20/2009 8:35	1/21/2009 10:08	WG100281-1, -2, -3, -4	
L47190-2	423589-090-1	MTHG-LOW	STORM WTR	1/7/2009 18:15	1/20/2009 8:35	1/21/2009 10:22	WG100281-1, -2, -3, -4	
L47190-4	423589-090-1	MTHG-LOW	STORM WTR	1/7/2009 19:19	1/20/2009 8:35	1/21/2009 9:59	WG100281-1, -2, -3, -4	
WG100281-1	MB	MTHG-LOW	BLANK WTR		1/20/2009 8:35	1/21/2009 9:53	WG100281-1, -2, -3, -4	METHOD BLANK
WG100281-2	SB	MTHG-LOW	BLANK WTR		1/20/2009 8:35	1/21/2009 9:56	WG100281-1, -2, -3, -4	WG100281-1 HG-LLOW
WG100281-3	MS	MTHG-LOW	STORM WTR		1/20/2009 8:35	1/21/2009 10:02	WG100281-1, -2, -3, -4	L47190-4 HG-LLOW
WG100281-4	MSD	MTHG-LOW	STORM WTR		1/20/2009 8:35	1/21/2009 10:05	WG100281-1, -2, -3, -4	WG100281-3 L47190-4 HG-LLOW-MSD

WG101387

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47597-2	423589-090-1	MTHG-LOW	STORM WTR	4/2/2009 18:58	4/6/2009 8:30	4/7/2009 11:08	WG101387-1, -2, -3, -4	
L47597-3	423589-090-1	MTHG-LOW	STORM WTR	4/2/2009 19:28	4/6/2009 8:30	4/7/2009 11:20	WG101387-1, -2, -3, -4	
L47597-4	423589-090-1	MTHG-LOW	STORM WTR	4/2/2009 19:28	4/6/2009 8:30	4/7/2009 11:23	WG101387-1, -2, -3, -4	FREP @ L47597-3
L47597-5	423589-090-1	MTHG-LOW	STORM WTR	4/2/2009 17:53	4/6/2009 8:30	4/7/2009 11:26	WG101387-1, -2, -3, -4	
L47627-10	421250C	MTHG-LOW	BLANK WTR	3/31/2009 11:50	4/6/2009 8:30	4/7/2009 10:45	WG101387-1, -2, -3, -4	
L47627-11	421250C	MTHG-LOW	BLANK WTR	3/31/2009 15:25	4/6/2009 8:30	4/7/2009 10:48	WG101387-1, -2, -3, -4	
L47627-12	421250C	MTHG-LOW	BLANK WTR	4/1/2009 9:15	4/6/2009 8:30	4/7/2009 10:51	WG101387-1, -2, -3, -4	
L47627-13	421250C	MTHG-LOW	BLANK WTR	4/1/2009 12:00	4/6/2009 8:30	4/7/2009 10:54	WG101387-1, -2, -3, -4	
L47628-1	423582-000-2	MTHG-LOW	GRND WTR	3/26/2009 13:36	4/6/2009 8:30	4/7/2009 10:36	WG101387-1, -2, -3, -4	
WG101387-1	MB	MTHG-LOW	BLANK WTR		4/6/2009 8:30	4/7/2009 10:30	WG101387-1, -2, -3, -4	METHOD BLANK
WG101387-2	SB	MTHG-LOW	BLANK WTR		4/6/2009 8:30	4/7/2009 10:33	WG101387-1, -2, -3, -4	WG101387-1 HG-LLOW
WG101387-3	MS	MTHG-LOW	GRND WTR		4/6/2009 8:30	4/7/2009 10:39	WG101387-1, -2, -3, -4	L47628-1 HG-LLOW
WG101387-4	MSD	MTHG-LOW	GRND WTR		4/6/2009 8:30	4/7/2009 10:42	WG101387-1, -2, -3, -4	WG101387-3 L47628-1 HG-LLOW-MSD

WG102096

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47834-1	423589-090-1	MTHG-LOW	STORM WTR	4/12/2009 17:13	5/7/2009 9:30	5/8/2009 9:02	WG102096-1, -2, -3, -4	
L47834-2	423589-090-1	MTHG-LOW	STORM WTR	4/12/2009 17:13	5/7/2009 9:30	5/8/2009 9:05	WG102096-1, -2, -3, -4	
L47834-3	423589-090-1	MTHG-LOW	STORM WTR	4/12/2009 16:42	5/7/2009 9:30	5/8/2009 9:08	WG102096-1, -2, -3, -4	
L47834-4	423589-090-1	MTHG-LOW	STORM WTR	4/12/2009 15:52	5/7/2009 9:30	5/8/2009 9:11	WG102096-1, -2, -3, -4	
L47992-1	423589-090-1	MTHG-LOW	STORM WTR	5/2/2009 21:29	5/7/2009 9:30	5/8/2009 8:46	WG102096-1, -2, -3, -4	
L47992-2	423589-090-1	MTHG-LOW	STORM WTR	5/2/2009 22:12	5/7/2009 9:30	5/8/2009 9:14	WG102096-1, -2, -3, -4	
L48009-1	423589-090-1	MTHG-LOW	STORM WTR	5/5/2009 5:28	5/7/2009 9:30	5/8/2009 9:24	WG102096-1, -2, -3, -4	
L48009-2	423589-090-1	MTHG-LOW	STORM WTR	5/5/2009 5:02	5/7/2009 9:30	5/8/2009 9:27	WG102096-1, -2, -3, -4	
L48009-3	423589-090-1	MTHG-LOW	STORM WTR	5/5/2009 5:02	5/7/2009 9:30	5/8/2009 9:30	WG102096-1, -2, -3, -4	FREP @ L48009-2
L48009-4	423589-090-1	MTHG-LOW	STORM WTR	5/4/2009 20:13	5/7/2009 9:30	5/8/2009 9:33	WG102096-1, -2, -3, -4	
L48009-5	423589-090-1	MTHG-LOW	STORM WTR	5/4/2009 21:09	5/7/2009 9:30	5/8/2009 9:36	WG102096-1, -2, -3, -4	
L48009-7	423589-090-1	MTHG-LOW	STORM WTR	5/5/2009 4:54	5/7/2009 9:30	5/8/2009 9:39	WG102096-1, -2, -3, -4	
WG102096-1	MB	MTHG-LOW	BLANK WTR		5/7/2009 9:30	5/8/2009 8:40	WG102096-1, -2, -3, -4	METHOD BLANK
WG102096-2	SB	MTHG-LOW	BLANK WTR		5/7/2009 9:30	5/8/2009 8:43	WG102096-1, -2, -3, -4	WG102096-1 HG-LLOW
WG102096-3	MS	MTHG-LOW	STORM WTR		5/7/2009 9:30	5/8/2009 8:56	WG102096-1, -2, -3, -4	L47992-1 HG-LLOW
WG102096-4	MSD	MTHG-LOW	STORM WTR		5/7/2009 9:30	5/8/2009 8:59	WG102096-1, -2, -3, -4	WG102096-3 L47992-1 HG-LLOW-MSD

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WG93332

METHOD BLANK

MB:WG93332-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: EPA 245.1 (06-01-004-003) Project: Pkey: STD

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	

SPIKE BLANK

SB:WG93332-2 MB:WG93332-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	0.948	95		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG93332-4 MS:WG93332-3 L43684-1 Matrix: EFFLUENT Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	0.951	95		70--130	1	0.934	93		2		20

WG93887

METHOD BLANK

MB:WG93887-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	

SPIKE BLANK

SB:WG93887-2 MB:WG93887-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	0.869	87		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG93887-4 MS:WG93887-3 L43913-1 Matrix: STORM WTR Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	0.885	89		70--130	1	1.02	102		14		20

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG93887-6 MS:WG93887-5 L44108-7 Matrix: EFFLUENT Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	0.86	86		70--130	1	0.861	86		0		20

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WG94158

METHOD BLANK

MB:WG94158-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	

SPIKE BLANK

SB:WG94158-2 MB:WG94158-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	0.897	90		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG94158-4 MS:WG94158-3 L44339-4 Matrix: EFFLUENT Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	1.01	101		70--130	1	0.893	89		13		20

WG94581

METHOD BLANK

MB:WG94581-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	

SPIKE BLANK

SB:WG94581-2 MB:WG94581-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	0.971	97		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG94581-4 MS:WG94581-3 L44133-2 Matrix: STORM WTR Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	0.051	1	0.994	94		70--130	1	0.954	90		4		20

WG95298

METHOD BLANK

MB:WG95298-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: EPA 245.1 (06-01-004-003)

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	

LIMSView Analytical QC Report - Total Mercury

SPIKE BLANK

SB:WG95298-2 MB:WG95298-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	0.957	96		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG95298-4 MS:WG95298-3 L45042-7 Matrix: EFFLUENT Listtype: MTHG-MID Method: EPA 245.1

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	1.02	102		70--130	1	1.06	106		4		20

WG97063

METHOD BLANK

MB:WG97063-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	

SPIKE BLANK

SB:WG97063-2 MB:WG97063-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	0.88	88		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG97063-4 MS:WG97063-3 L45722-1 Matrix: EFFLUENT Listtype: MTHG-MID Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	0.929	93		70--130	1	0.967	97		4		20

WG98279

METHOD BLANK

MB:WG98279-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	

SPIKE BLANK

SB:WG98279-2 MB:WG98279-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	1.05	105		85--115

LIMSView Analytical QC Report - Total Mercury

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG98279-4 MS:WG98279-3 L46143-1 Matrix: EFFLUENT Listtype: MTHG-MID Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	1.12	112		70--130	1	1.08	108		4		20

WG99524

METHOD BLANK

MB:WG99524-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	

SPIKE BLANK

SB:WG99524-2 MB:WG99524-1 Matrix: BLANK WTR Listtype: MTHG-MID Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	0.94	94		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG99524-4 MS:WG99524-3 L46838-1 Matrix: EFFLUENT Listtype: MTHG-MID Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.05	0.15	ug/L	<MDL	1	0.995	99		70--130	1	1.07	107		8		20

WG99625

METHOD BLANK

MB:WG99625-1 Matrix: BLANK WTR Listtype: MTHG-LOW Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Total, CVAA	0.005	0.015	ug/L	<MDL	

SPIKE BLANK

SB:WG99625-2 MB:WG99625-1 Matrix: BLANK WTR Listtype: MTHG-LOW Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Total, CVAA	0.005	0.015	ug/L	<MDL	0.05	0.0452	90		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG99625-4 MS:WG99625-3 L46918-5 Matrix: STORM WTR Listtype: MTHG-LOW Method: CVAA EPA 245.1

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.005	0.015	ug/L	0.0415	0.05	0.0824	82		70--130	0.05	0.0796	76		8		20

LIMSView Analytical QC Report - Total Mercury

WG100281

METHOD BLANK

MB:WG100281-1 Matrix: BLANK WTR Listtype: MTHG-LOW Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Total, CVAA	0.005	0.015	ug/L	<MDL	

SPIKE BLANK

SB:WG100281-2 MB:WG100281-1 Matrix: BLANK WTR Listtype: MTHG-LOW Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Total, CVAA	0.005	0.015	ug/L	<MDL	0.05	0.0509	102		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG100281-4 MS:WG100281-3 L47190-4 Matrix: STORM WTR Listtype: MTHG-LOW Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.005	0.015	ug/L	0.0386	0.05	0.0903	103		75--125	0.05	0.0853	93		10		20

WG101387

METHOD BLANK

MB:WG101387-1 Matrix: BLANK WTR Listtype: MTHG-LOW Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Total, CVAA	0.005	0.015	ug/L	<MDL	

SPIKE BLANK

SB:WG101387-2 MB:WG101387-1 Matrix: BLANK WTR Listtype: MTHG-LOW Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Total, CVAA	0.005	0.015	ug/L	<MDL	0.05	0.049	98		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG101387-4 MS:WG101387-3 L47628-1 Matrix: GRND WTR Listtype: MTHG-LOW Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.005	0.015	ug/L	<MDL	0.05	0.0484	97		75--125	0.05	0.0478	96		1		20

WG102096

METHOD BLANK

MB:WG102096-1 Matrix: BLANK WTR Listtype: MTHG-LOW Method: EPA 245.1*SW846 7470A Project: Pkey: STD

Parameter	MDL	RDL	Units	MB Value	Qual
Mercury, Total, CVAA	0.005	0.015	ug/L	<MDL	

LIMSView Analytical QC Report - Total Mercury

SPIKE BLANK

SB:WG102096-2 MB:WG102096-1 Matrix: BLANK WTR Listtype: MTHG-LOW Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Mercury, Total, CVAA	0.005	0.015	ug/L	<MDL	0.05	0.0481	96		85--115

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG102096-4 MS:WG102096-3 L47992-1 Matrix: STORM WTR Listtype: MTHG-LOW Method: EPA 245.1*SW846 7470A

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
Mercury, Total, CVAA	0.01	0.03	ug/L	0.0574	0.05	0.0993	84		75--125	0.05	0.107	100		17		20

LIMSView Batch Report - Dissolved Metals

WG94893

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44133-2	423589-090-1	MTICPMS-DISS	STORM WTR	12/2/2007 11:44	26-Dec-07	27-Dec-07	WG94893-1, -2, -3, -4	
L44133-3	423589-090-1	MTICPMS-DISS	STORM WTR	12/2/2007 11:24	26-Dec-07	27-Dec-07	WG94893-1, -2, -3, -4	
L44133-4	423589-090-1	MTICPMS-DISS	STORM WTR	12/2/2007 11:24	26-Dec-07	27-Dec-07	WG94893-1, -2, -3, -4	
WG94893-1	MB	MTICPMS-DISS	BLANK WTR		26-Dec-07	27-Dec-07	WG94893-1, -2, -3, -4	METHOD BLANK
WG94893-2	SB	MTICPMS-DISS	BLANK WTR		26-Dec-07	27-Dec-07	WG94893-1, -2, -3, -4	WG94893-1 MS-20
WG94893-3	LD	MTICPMS-DISS	STORM WTR		26-Dec-07	27-Dec-07	WG94893-1, -2, -3, -4	L44133-2 RPD-LIQ
WG94893-4	MS	MTICPMS-DISS	STORM WTR		26-Dec-07	27-Dec-07	WG94893-1, -2, -3, -4	L44133-2 MS-20

WG98636

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L45811-1	423589-090-1	MTICPMS-DISS	STORM WTR	8/19/2008 22:14	16-Sep-08	16-Sep-08	WG98636-1, -2, -3, -4	
L45811-3	423589-090-1	MTICPMS-DISS	STORM WTR	8/20/2008 1:35	16-Sep-08	16-Sep-08	WG98636-1, -2, -3, -4	
L45811-6	423589-090-1	MTICPMS-DISS	STORM WTR	8/20/2008 1:01	16-Sep-08	16-Sep-08	WG98636-1, -2, -3, -4	
WG98636-1	MB	MTICPMS-DISS	BLANK WTR		16-Sep-08	16-Sep-08	WG98636-1, -2, -3, -4	METHOD BLANK
WG98636-2	SB	MTICPMS-DISS	BLANK WTR		16-Sep-08	16-Sep-08	WG98636-1, -2, -3, -4	WG98636-1 MS-20
WG98636-3	LD	MTICPMS-DISS	STORM WTR		16-Sep-08	16-Sep-08	WG98636-1, -2, -3, -4	L45811-6 RPD-LIQ
WG98636-4	MS	MTICPMS-DISS	STORM WTR		16-Sep-08	16-Sep-08	WG98636-1, -2, -3, -4	L45811-6 MS-20

WG99854

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L46886-1	421196DD	MTICPMS-DISS	FRESH WTR	11/12/2008 8:30	8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	
L46886-2	421196DD	MTICPMS-DISS	FRESH WTR	11/12/2008 8:50	8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	
L46886-3	421196DD	MTICPMS-DISS	FRESH WTR	11/12/2008 9:20	8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	
L46886-4	421196DD	MTICPMS-DISS	FRESH WTR	11/12/2008 10:00	8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	
L46886-5	421196DD	MTICPMS-DISS	FRESH WTR	11/12/2008 11:35	8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	
L46886-6	421196DD	MTICPMS-DISS	FILTER WTR	11/12/2008 11:35	8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	
L46943-1	421196DD	MTICPMS-DISS	FRESH WTR	12/3/2008 11:56	8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	
L46943-2	421196DD	MTICPMS-DISS	FRESH WTR	12/3/2008 11:40	8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	
L46943-3	421196DD	MTICPMS-DISS	FRESH WTR	12/3/2008 11:26	8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	
L46943-4	421196DD	MTICPMS-DISS	FRESH WTR	12/3/2008 10:34	8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	
L46943-5	421196DD	MTICPMS-DISS	FRESH WTR	12/3/2008 10:21	8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	
L46418-3	423589-090-1	MTICPMS-DISS	STORM WTR	11/4/2008 5:34	9-Dec-08	10-Dec-08	WG99854-1, -2, -5, -7, -8	
L46418-6	423589-090-1	MTICPMS-DISS	STORM WTR	11/4/2008 4:14	9-Dec-08	9-Dec-08	WG99854-1, -2, -5, -7, -8	
L46918-1	423589-090-1	MTICPMS-DISS	STORM WTR	11/6/2008 14:58	9-Dec-08	9-Dec-08	WG99854-1, -2, -6, -7, -8	
L46918-3	423589-090-1	MTICPMS-DISS	STORM WTR	11/6/2008 16:05	9-Dec-08	9-Dec-08	WG99854-1, -2, -6, -3, -4	
L46918-5	423589-090-1	MTICPMS-DISS	STORM WTR	11/6/2008 20:28	9-Dec-08	9-Dec-08	WG99854-1, -2, -6, -7, -8	
L46918-6	423589-090-1	MTICPMS-DISS	STORM WTR	11/6/2008 15:42	9-Dec-08	9-Dec-08	WG99854-1, -2, -6, -7, -8	
WG99854-1	MB	MTICPMS-DISS	BLANK WTR		8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	METHOD BLANK
WG99854-2	SB	MTICPMS-DISS	BLANK WTR		8-Dec-08	9-Dec-08	WG99854-1, -2, -7, -8	WG99854-1 MS-20 SPIKE BLANK
WG99854-3	LD	MTICPMS-DISS	STORM WTR		9-Dec-08	9-Dec-08	WG99854-1, -2, -6, -3, -4	L46918-3 RPD-LIQ LAB DUPLICATE
WG99854-4	MS	MTICPMS-DISS	STORM WTR		9-Dec-08	9-Dec-08	WG99854-1, -2, -6, -3, -4	L46918-3 MS-20 MATRIX SPIKE
WG99854-5	MB	MTICPMS-DISS	FILTER WTR		8-Dec-08	9-Dec-08	WG99854-1, -2, -5, -7, -8	FILTER BLANK L46418-3,6

LIMSView Batch Report - Dissolved Metals

WG99854-6	MB	MTICPMS-DISS	FILTER WTR	8-Dec-08	9-Dec-08	WG99854-1, -2, -6, -7, -8	FILTER BLANK L46918
WG99854-7	LD	MTICPMS-DISS	STORM WTR	9-Dec-08	10-Dec-08	WG99854-1, -2, -5, -7, -8	L46418-3 RPD-LIQ LAB DUPLICATE
WG99854-8	MS	MTICPMS-DISS	STORM WTR	9-Dec-08	10-Dec-08	WG99854-1, -2, -5, -7, -8	L46418-3 MS-20 MATRIX SPIKE

WG100512

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47151-1	421196DD	MTICPMS-DISS	FRESH WTR	1/14/2009 8:45	2/4/2009 14:15	2/4/2009 17:10	WG100512-1, -2, -3, -4	
L47151-2	421196DD	MTICPMS-DISS	FRESH WTR	1/14/2009 9:20	2/4/2009 14:15	2/4/2009 17:16	WG100512-1, -2, -3, -4	
L47151-3	421196DD	MTICPMS-DISS	FRESH WTR	1/14/2009 10:30	2/4/2009 14:15	2/4/2009 17:21	WG100512-1, -2, -3, -4	
L47151-4	421196DD	MTICPMS-DISS	FRESH WTR	1/14/2009 10:10	2/4/2009 14:15	2/4/2009 17:27	WG100512-1, -2, -3, -4	
L47151-5	421196DD	MTICPMS-DISS	FRESH WTR	1/14/2009 9:53	2/4/2009 14:15	2/4/2009 17:33	WG100512-1, -2, -3, -4	
L47151-6	421196DD	MTICPMS-DISS	FILTER WTR	1/14/2009 10:40	2/4/2009 14:15	2/4/2009 17:38	WG100512-1, -2, -3, -4	
L47190-2	423589-090-1	MTICPMS-DISS	STORM WTR	1/7/2009 18:15	2/4/2009 14:15	2/4/2009 17:55	WG100512-1, -2, -3, -4	
L47190-4	423589-090-1	MTICPMS-DISS	STORM WTR	1/7/2009 19:19	2/4/2009 14:15	2/4/2009 18:11	WG100512-1, -2, -3, -4	
WG100512-1	MB	MTICPMS-DISS	BLANK WTR		2/4/2009 14:15	2/4/2009 16:59	WG100512-1, -2, -3, -4	METHOD BLANK
WG100512-2	SB	MTICPMS-DISS	BLANK WTR		2/4/2009 14:15	2/4/2009 17:05	WG100512-1, -2, -3, -4	WG100512-1 MS-20
WG100512-3	LD	MTICPMS-DISS	BLANK WTR		2/4/2009 14:15	2/4/2009 18:00	WG100512-1, -2, -3, -4	L47190-2 RPD-LIQ
WG100512-4	MS	MTICPMS-DISS	BLANK WTR		2/4/2009 14:15	2/4/2009 18:06	WG100512-1, -2, -3, -4	L47190-2 MS-20

WG101779

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47653-1	421196DD	MTICPMS-DISS	FRESH WTR	4/8/2009 13:12	4/23/2009 13:30	4/24/2009 10:52	WG101779-1, -2, -3, -4	
L47653-2	421196DD	MTICPMS-DISS	FRESH WTR	4/8/2009 12:55	4/23/2009 13:30	4/24/2009 10:58	WG101779-1, -2, -3, -4	
L47653-3	421196DD	MTICPMS-DISS	FRESH WTR	4/8/2009 12:35	4/23/2009 13:30	4/24/2009 11:14	WG101779-1, -2, -3, -4	
L47653-4	421196DD	MTICPMS-DISS	FRESH WTR	4/8/2009 10:55	4/23/2009 13:30	4/24/2009 11:19	WG101779-1, -2, -3, -4	
L47653-5	421196DD	MTICPMS-DISS	FRESH WTR	4/8/2009 10:35	4/23/2009 13:30	4/24/2009 11:25	WG101779-1, -2, -3, -4	
L47653-6	421196DD	MTICPMS-DISS	FRESH WTR	4/8/2009 10:15	4/23/2009 13:30	4/24/2009 11:30	WG101779-1, -2, -3, -4	
L47653-7	421196DD	MTICPMS-DISS	FRESH WTR	4/8/2009 11:20	4/23/2009 13:30	4/24/2009 11:35	WG101779-1, -2, -3, -4	
L47653-8	421196DD	MTICPMS-DISS	FRESH WTR	4/8/2009 11:35	4/23/2009 13:30	4/24/2009 11:41	WG101779-1, -2, -3, -4	
L47653-9	421196DD	MTICPMS-DISS	FRESH WTR	4/8/2009 11:55	4/23/2009 13:30	4/24/2009 11:46	WG101779-1, -2, -3, -4	
L47653-10	421196DD	MTICPMS-DISS	FRESH WTR	4/8/2009 12:15	4/23/2009 13:30	4/24/2009 11:52	WG101779-1, -2, -3, -4	
L47653-11	421196DD	MTICPMS-DISS	FILTER WTR	4/8/2009 13:20	4/23/2009 13:30	4/24/2009 11:57	WG101779-1, -2, -3, -4	
L47597-2	423589-090-1	MTICPMS-DISS	STORM WTR	4/2/2009 18:58	4/23/2009 13:30	4/24/2009 10:20	WG101779-1, -2, -3, -4, -5	
L47597-3	423589-090-1	MTICPMS-DISS	STORM WTR	4/2/2009 19:28	4/23/2009 13:30	4/24/2009 10:36	WG101779-1, -2, -3, -4, -5	
L47597-4	423589-090-1	MTICPMS-DISS	STORM WTR	4/2/2009 19:28	4/23/2009 13:30	4/24/2009 10:41	WG101779-1, -2, -3, -4, -5	FREP @ L47597-3
L47597-5	423589-090-1	MTICPMS-DISS	STORM WTR	4/2/2009 17:53	4/23/2009 13:30	4/24/2009 10:47	WG101779-1, -2, -3, -4, -5	
L47834-1	423589-090-1	MTICPMS-DISS	STORM WTR	4/12/2009 17:13	4/23/2009 13:30	4/24/2009 12:19	WG101779-1, -2, -3, -4	
L47834-2	423589-090-1	MTICPMS-DISS	STORM WTR	4/12/2009 17:13	4/23/2009 13:30	4/24/2009 12:24	WG101779-1, -2, -3, -4	
L47834-3	423589-090-1	MTICPMS-DISS	STORM WTR	4/12/2009 16:42	4/23/2009 13:30	4/24/2009 12:30	WG101779-1, -2, -3, -4	
WG101779-1	MB	MTICPMS-DISS	BLANK WTR		4/23/2009 13:30	4/24/2009 10:09	WG101779-1, -2, -3, -4, -5	METHOD BLANK
WG101779-2	SB	MTICPMS-DISS	BLANK WTR		4/23/2009 13:30	4/24/2009 10:14	WG101779-1, -2, -3, -4, -5	WG101779-1 MS-20 SPK BLK
WG101779-3	LD	MTICPMS-DISS	STORM WTR		4/23/2009 13:30	4/24/2009 10:25	WG101779-1, -2, -3, -4, -5	L47597-2 RPD-LIQ LAB DUP
WG101779-4	MS	MTICPMS-DISS	STORM WTR		4/23/2009 13:30	4/24/2009 10:31	WG101779-1, -2, -3, -4, -5	L47597-2 MS-20 MAT SPK
WG101779-5	MB	MTICPMS-DISS	FILTER WTR		4/23/2009 13:30	4/24/2009 12:02	WG101779-1, -2, -3, -4, -5	FILTER BLANK L47597-(2-5)

LIMSView Analytical QC Report - Dissolved Metals

WG94893

METHOD BLANK

MB:WG94893-1 Matrix: BLANK WTR Listtype: MTICPMS-DISS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	
Cadmium, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Calcium, Dissolved, ICP-MS	50	250	ug/L	<MDL	
Chromium, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	
Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	
Lead, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	
Magnesium, Dissolved, ICP-MS	30	150	ug/L	<MDL	
Manganese, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	
Nickel, Dissolved, ICP-MS	0.3	1.5	ug/L	<MDL	
Silver, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	

SPIKE BLANK

SB:WG94893-2 MB:WG94893-1 Matrix: BLANK WTR Listtype: MTICPMS-DISS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.4	102		85--115
Cadmium, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	19.8	99		85--115
Calcium, Dissolved, ICP-MS	50	250	ug/L	<MDL	5000	4950	99		85--115
Chromium, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	20	20	100		85--115
Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	20	19.9	100		85--115
Lead, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	20	19.8	99		85--115
Magnesium, Dissolved, ICP-MS	30	150	ug/L	<MDL	5000	5010	100		85--115
Manganese, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	20	19.5	97		85--115
Nickel, Dissolved, ICP-MS	0.3	1.5	ug/L	<MDL	20	20	100		85--115
Silver, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	20	20.1	100		85--115
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	20	19.7	99		85--115

LABORATORY DUPLICATE

LD:WG94893-3 L44133-2 Matrix: STORM WTR Listtype: MTICPMS-DISS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.5	2.5	ug/L	1.6	1.7			20
Cadmium, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	<MDL			20
Calcium, Dissolved, ICP-MS	50	250	ug/L	21200	21000	1		20
Chromium, Dissolved, ICP-MS	0.4	2	ug/L	0.62	0.56			20
Copper, Dissolved, ICP-MS	0.4	2	ug/L	2.62	2.58	1		20
Lead, Dissolved, ICP-MS	0.2	1	ug/L	0.4	0.4			20
Magnesium, Dissolved, ICP-MS	30	150	ug/L	33700	34000	1		20
Manganese, Dissolved, ICP-MS	0.2	1	ug/L	44.6	44	1		20

LIMSView Analytical QC Report - Dissolved Metals

Nickel, Dissolved, ICP-MS	0.3	1.5	ug/L	1.3	1.3		20
Silver, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	<MDL		20
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	26.3	25.5	3	20

MATRIX SPIKE

MS:WG94893-4 L44133-2 Matrix: STORM WTR Listtype: MTICPMS-DISS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.5	2.5	ug/L	1.6	20	23.1	107		70--130
Cadmium, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	17.2	86		70--130
Calcium, Dissolved, ICP-MS	50	250	ug/L	21200	5000	25900		(No MS/MSD %Rec. due to 4x rule)	
Chromium, Dissolved, ICP-MS	0.4	2	ug/L	0.62	20	20.5	99		70--130
Copper, Dissolved, ICP-MS	0.4	2	ug/L	2.62	20	20.9	92		70--130
Lead, Dissolved, ICP-MS	0.2	1	ug/L	0.4	20	19.5	96		70--130
Magnesium, Dissolved, ICP-MS	30	150	ug/L	33700	5000	38700		(No MS/MSD %Rec. due to 4x rule)	
Manganese, Dissolved, ICP-MS	0.2	1	ug/L	44.6	20	62.6	90		70--130
Nickel, Dissolved, ICP-MS	0.3	1.5	ug/L	1.3	20	19.9	93		70--130
Silver, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	20	17.4	87		70--130
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	26.3	20	42.1	79		70--130

WG98636

METHOD BLANK

MB:WG98636-1 Matrix: BLANK WTR Listtype: MTICPMS-DISS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Calcium, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	
Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	
Lead, Dissolved, ICP-MS	0.1	0.1	ug/L	<MDL	
Magnesium, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Manganese, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	

SPIKE BLANK

SB:WG98636-2 MB:WG98636-1 Matrix: BLANK WTR Listtype: MTICPMS-DISS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.3	101		85--115
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.9	99		85--115
Calcium, Dissolved, ICP-MS	10	50	ug/L	<MDL	5000	4690	94		85--115
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	20	19.4	97		85--115

LIMSView Analytical QC Report - Dissolved Metals

Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	20	20.8	104	85--115
Lead, Dissolved, ICP-MS	0.1	0.1	ug/L	<MDL	20	20.4	102	85--115
Magnesium, Dissolved, ICP-MS	10	50	ug/L	<MDL	5000	4700	94	85--115
Manganese, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	19	95	85--115
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.4	102	85--115
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.9	100	85--115
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	20	21	105	85--115

LABORATORY DUPLICATE

LD:WG98636-3 L45811-6 Matrix: STORM WTR Listtype: MTICPMS-DISS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	1.8	1.77	2		20
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL			20
Calcium, Dissolved, ICP-MS	10	50	ug/L	8440	8430	0		20
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	0.76	0.79			20
Copper, Dissolved, ICP-MS	0.4	2	ug/L	7.82	7.86	1		20
Lead, Dissolved, ICP-MS	0.1	0.1	ug/L	0.964	0.967	0		20
Magnesium, Dissolved, ICP-MS	10	50	ug/L	1230	1240	1		20
Manganese, Dissolved, ICP-MS	0.05	0.25	ug/L	28.6	28.6	0		20
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	1.4	1.47	5		20
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL			20
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	80.3	80.5	0		20

MATRIX SPIKE

MS:WG98636-4 L45811-6 Matrix: STORM WTR Listtype: MTICPMS-DISS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	1.8	20	22.9	105		70--130
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	20.4	102		70--130
Calcium, Dissolved, ICP-MS	10	50	ug/L	8440	5000	13300	96		70--130
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	0.76	20	20.7	100		70--130
Copper, Dissolved, ICP-MS	0.4	2	ug/L	7.82	20	28	101		70--130
Lead, Dissolved, ICP-MS	0.1	0.1	ug/L	0.964	20	21.6	103		70--130
Magnesium, Dissolved, ICP-MS	10	50	ug/L	1230	5000	6050	96		70--130
Manganese, Dissolved, ICP-MS	0.05	0.25	ug/L	28.6	20	48	97		70--130
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	1.4	20	22.2	104		70--130
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	20	100		70--130
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	80.3	20	99.7			(No MS/MSD %Rec. due to 4x rule)

LIMSView Analytical QC Report - Dissolved Metals

WG99854

METHOD BLANK

MB:WG99854-1 Matrix: BLANK WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Calcium, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	
Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Dissolved, ICP-MS	10	10	ug/L	<MDL	
Lead, Dissolved, ICP-MS	0.075	0.1	ug/L	<MDL	
Magnesium, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	

SPIKE BLANK

SB:WG99854-2 MB:WG99854-1 Matrix: BLANK WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	21.1	105		85--115
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	20.9	105		85--115
Calcium, Dissolved, ICP-MS	10	50	ug/L	<MDL	5000	5100	102		85--115
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	20	20.3	102		85--115
Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	20	22.5	112		85--115
Iron, Dissolved, ICP-MS	10	10	ug/L	<MDL	5000	5120	102		85--115
Lead, Dissolved, ICP-MS	0.075	0.1	ug/L	<MDL	20	21.2	106		85--115
Magnesium, Dissolved, ICP-MS	10	50	ug/L	<MDL	5000	5130	103		85--115
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.8	104		85--115
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	21.6	108		85--115
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	22.4	112		85--115
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	20	21.7	109		85--115

LABORATORY DUPLICATE

LD:WG99854-3 L46918-3 Matrix: STORM WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	2.82	2.82	0		20
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL			20
Calcium, Dissolved, ICP-MS	10	50	ug/L	13400	13400	0		20
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	1.05	1.04	1		20
Copper, Dissolved, ICP-MS	0.4	2	ug/L	2.78	2.78	0		20
Iron, Dissolved, ICP-MS	10	10	ug/L	186	182	2		20

LIMSView Analytical QC Report - Dissolved Metals

Lead, Dissolved, ICP-MS	0.075	0.1	ug/L	0.43	0.431	0	20
Magnesium, Dissolved, ICP-MS	10	50	ug/L	3280	3230	2	20
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	50.2	50.1	0	20
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	1.81	1.79	1	20
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL		20
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	26.3	26	1	20

MATRIX SPIKE

MS:WG99854-4 L46918-3 Matrix: STORM WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	2.82	20	33.8	155	*	75--125
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.3	96		75--125
Calcium, Dissolved, ICP-MS	10	50	ug/L	13400	5000	18400	100		75--125
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	1.05	20	20.4	97		75--125
Copper, Dissolved, ICP-MS	0.4	2	ug/L	2.78	20	23.8	105		75--125
Iron, Dissolved, ICP-MS	10	10	ug/L	186	5000	5180	100		75--125
Lead, Dissolved, ICP-MS	0.075	0.1	ug/L	0.43	20	20.5	100		75--125
Magnesium, Dissolved, ICP-MS	10	50	ug/L	3280	5000	8550	105		75--125
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	50.2	20	68	89		75--125
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	1.81	20	23.3	107		75--125
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.7	98		75--125
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	26.3	20	45.7	97		75--125

METHOD BLANK

MB:WG99854-5 Matrix: FILTER WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Calcium, Dissolved, ICP-MS	10	50	ug/L	30	B
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	
Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Dissolved, ICP-MS	10	10	ug/L	<MDL	
Lead, Dissolved, ICP-MS	0.075	0.1	ug/L	<MDL	
Magnesium, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	

METHOD BLANK

MB:WG99854-6 Matrix: FILTER WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	

LIMSView Analytical QC Report - Dissolved Metals

Calcium, Dissolved, ICP-MS	10	50	ug/L	24	B
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	
Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Dissolved, ICP-MS	10	10	ug/L	<MDL	
Lead, Dissolved, ICP-MS	0.075	0.1	ug/L	<MDL	
Magnesium, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	

LABORATORY DUPLICATE

LD:WG99854-7 L46418-3 Matrix: STORM WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	1.79	1.81	1		20
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL			20
Calcium, Dissolved, ICP-MS	10	50	ug/L	11400	11400	0		20
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	0.49	0.49			20
Copper, Dissolved, ICP-MS	0.4	2	ug/L	3.19	3.25	2		20
Iron, Dissolved, ICP-MS	10	10	ug/L	71.9	72.4	1		20
Lead, Dissolved, ICP-MS	0.075	0.1	ug/L	0.513	0.508	1		20
Magnesium, Dissolved, ICP-MS	10	50	ug/L	1720	1710	1		20
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	36.3	36	1		20
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	1.32	1.37	3		20
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL			20
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	30.6	30.2	1		20

MATRIX SPIKE

MS:WG99854-8 L46418-3 Matrix: STORM WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	1.79	20	21.9	101		75--125
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.4	97		75--125
Calcium, Dissolved, ICP-MS	10	50	ug/L	11400	5000	16200	96		75--125
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	0.49	20	20.1	98		75--125
Copper, Dissolved, ICP-MS	0.4	2	ug/L	3.19	20	23.9	104		75--125
Iron, Dissolved, ICP-MS	10	10	ug/L	71.9	5000	4920	97		75--125
Lead, Dissolved, ICP-MS	0.075	0.1	ug/L	0.513	20	19.9	97		75--125
Magnesium, Dissolved, ICP-MS	10	50	ug/L	1720	5000	6600	98		75--125
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	36.3	20	55.8	98		75--125
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	1.32	20	22.1	104		75--125
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.9	99		75--125
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	30.6	20	49.8	96		75--125

LIMSView Analytical QC Report - Dissolved Metals

WG100512

METHOD BLANK

MB:WG100512-1 Matrix: BLANK WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Calcium, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	
Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Dissolved, ICP-MS	10	10	ug/L	<MDL	
Lead, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Magnesium, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	

SPIKE BLANK

SB:WG100512-2 MB:WG100512-1 Matrix: BLANK WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	19.3	96		85--115
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	20.5	102		85--115
Calcium, Dissolved, ICP-MS	10	50	ug/L	<MDL	5000	4840	97		85--115
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	20	20.5	102		85--115
Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	20	21.2	106		85--115
Iron, Dissolved, ICP-MS	10	10	ug/L	<MDL	5000	5000	100		85--115
Lead, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.1	100		85--115
Magnesium, Dissolved, ICP-MS	10	50	ug/L	<MDL	5000	4940	99		85--115
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	21.1	105		85--115
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	21.3	106		85--115
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	21	105		85--115
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.7	103		85--115

LABORATORY DUPLICATE

LD:WG100512-3 L47190-2 Matrix: BLANK WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	1.01	1.01	0		20
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL			20
Calcium, Dissolved, ICP-MS	10	50	ug/L	4220	4200	1		20
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	0.26	0.25			20
Copper, Dissolved, ICP-MS	0.4	2	ug/L	2	2.01	1		20
Iron, Dissolved, ICP-MS	10	10	ug/L	155	158	2		20

LIMSView Analytical QC Report - Dissolved Metals

Lead, Dissolved, ICP-MS	0.1	0.5	ug/L	0.47	0.46		20
Magnesium, Dissolved, ICP-MS	10	50	ug/L	840	833	1	20
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	25.6	25.4	1	20
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	5.09	5.09	0	20
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL		20
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	5.89	5.9	0	20

MATRIX SPIKE**MS:WG100512-4 L47190-2 Matrix: BLANK WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A**

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	1.01	20	21.7	103		75--125
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	21.6	108		75--125
Calcium, Dissolved, ICP-MS	10	50	ug/L	4220	5000	9030	96		75--125
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	0.26	20	20.6	102		75--125
Copper, Dissolved, ICP-MS	0.4	2	ug/L	2	20	23.2	106		75--125
Iron, Dissolved, ICP-MS	10	10	ug/L	155	5000	5150	100		75--125
Lead, Dissolved, ICP-MS	0.1	0.5	ug/L	0.47	20	20.6	101		75--125
Magnesium, Dissolved, ICP-MS	10	50	ug/L	840	5000	5680	97		75--125
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	25.6	20	46.8	106		75--125
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	5.09	20	26.1	105		75--125
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.6	98		75--125
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	5.89	20	28.1	111		75--125

WG101779**METHOD BLANK****MB:WG101779-1 Matrix: BLANK WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A**

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Calcium, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	
Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Lead, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Magnesium, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	

LIMSView Analytical QC Report - Dissolved Metals

SPIKE BLANK

SB:WG101779-2 MB:WG101779-1 Matrix: BLANK WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	19.1	95		85--115
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	20	100		85--115
Calcium, Dissolved, ICP-MS	10	50	ug/L	<MDL	5000	4660	93		85--115
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	20	19.6	98		85--115
Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	20	21.6	108		85--115
Iron, Dissolved, ICP-MS	10	50	ug/L	<MDL	5000	4930	99		85--115
Lead, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	19.7	99		85--115
Magnesium, Dissolved, ICP-MS	10	50	ug/L	<MDL	5000	4820	96		85--115
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	19.2	96		85--115
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	20	21.1	106		85--115
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	20	100		85--115
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	20	21.2	106		85--115

LABORATORY DUPLICATE

LD:WG101779-3 L47597-2 Matrix: STORM WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	3.02	3.04	1		20
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL			20
Calcium, Dissolved, ICP-MS	10	50	ug/L	11000	11000	0		20
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	0.5	0.5			20
Copper, Dissolved, ICP-MS	0.4	2	ug/L	2.94	2.94	0		20
Iron, Dissolved, ICP-MS	10	50	ug/L	234	233	0		20
Lead, Dissolved, ICP-MS	0.1	0.5	ug/L	0.694	0.684	1		20
Magnesium, Dissolved, ICP-MS	10	50	ug/L	2340	2330	0		20
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	75.4	75	0		20
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	1.2	1.2	0		20
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL			20
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	13.3	13.2	1		20

MATRIX SPIKE

MS:WG101779-4 L47597-2 Matrix: STORM WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	3.02	20	22.1	95		75--125
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.7	99		75--125
Calcium, Dissolved, ICP-MS	10	50	ug/L	11000	5000	15500	90		75--125
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	0.5	20	19.9	97		75--125
Copper, Dissolved, ICP-MS	0.4	2	ug/L	2.94	20	23	100		75--125
Iron, Dissolved, ICP-MS	10	50	ug/L	234	5000	5160	99		75--125
Lead, Dissolved, ICP-MS	0.1	0.5	ug/L	0.694	20	20.1	97		75--125
Magnesium, Dissolved, ICP-MS	10	50	ug/L	2340	5000	7190	97		75--125
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	75.4	20	96.8	107		75--125

LIMSView Analytical QC Report - Dissolved Metals

Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	1.2	20	21.4	101	75--125
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.9	99	75--125
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	13.3	20	34.1	104	75--125

METHOD BLANK

MB:WG101779-5 Matrix: FILTER WTR Listtype: MTICPMS-DISS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Cadmium, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Calcium, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Chromium, Dissolved, ICP-MS	0.2	1	ug/L	<MDL	
Copper, Dissolved, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Lead, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Magnesium, Dissolved, ICP-MS	10	50	ug/L	<MDL	
Manganese, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Nickel, Dissolved, ICP-MS	0.1	0.5	ug/L	<MDL	
Silver, Dissolved, ICP-MS	0.05	0.25	ug/L	<MDL	
Zinc, Dissolved, ICP-MS	0.5	2.5	ug/L	<MDL	

LIMSView Batch Report - Total Metals

WG93225

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L43684-1	421184EN	MTICPMS	EFFLUENT	9/4/2007 0:00	7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	
L43684-3	421184EN	MTICPMS	INFLUENT	9/4/2007 0:00	7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	
L43420-1	421581-90GW	MTHARD-ICPMS	GRND WTR	9/5/2007 10:45	7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	
L43420-2	421581-90GW	MTHARD-ICPMS	GRND WTR	9/5/2007 10:00	7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	
L43420-3	421581-90GW	MTHARD-ICPMS	GRND WTR	9/5/2007 12:15	7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	
L43420-4	421581-90GW	MTHARD-ICPMS	GRND WTR	9/5/2007 13:15	7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	
L43420-6	421581-90GW	MTHARD-ICPMS	GRND WTR	9/5/2007 15:45	7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	
L43420-7	421581-90GW	MTHARD-ICPMS	GRND WTR	9/5/2007 16:15	7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	
L43420-9	421581-90GW	MTHARD-ICPMS	GRND WTR	9/5/2007 14:15	7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	
L43420-10	421581-90GW	MTHARD-ICPMS	GRND WTR	9/5/2007 14:45	7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	
L43420-20	421581-90GW	MTICPMS	BLANK WTR	9/5/2007 10:15	7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	EBlnk@L43420-2
L43790-1	423589-090-1	MTICPMS	STORM WTR	9/4/2007 8:17	7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	
WG93225-1	MB	MTHARD-ICPMS	BLANK WTR		7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	METHOD BLANK
WG93225-2	SB	MTHARD-ICPMS	BLANK WTR		7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	WG93225-1 MS-20 SPIKE BLANK
WG93225-3	LD	MTHARD-ICPMS	GRND WTR		7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	L43420-2 RPD-LIQ LAB DUPLICATE
WG93225-4	MS	MTHARD-ICPMS	GRND WTR		7-Sep-07	10-Sep-07	WG93225-1, -2, -3, -4	L43420-2 MS-20 MATRIX SPIKE

WG93352

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L43430-1	421196DD	MTICPMS	FRESH WTR	9/12/2007 0:00	17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	
L43430-2	421196DD	MTICPMS	FRESH WTR	9/12/2007 0:00	17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	
L43430-3	421196DD	MTICPMS	FRESH WTR	9/12/2007 0:00	17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	
L43430-4	421196DD	MTICPMS	FRESH WTR	9/12/2007 0:00	17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	
L43430-5	421196DD	MTICPMS	FRESH WTR	9/12/2007 0:00	17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	
L43863-1	423582-000-2	MTICPMS	GRND WTR	9/12/2007 9:30	17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	
L43863-2	423582-000-2	MTICPMS	GRND WTR	9/12/2007 10:45	17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	
L43863-3	423582-000-2	MTICPMS	GRND WTR	9/12/2007 11:45	17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	
L43912-1	423589-090-1	MTICPMS	BLANK WTR	9/13/2007 16:25	17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	
WG93352-1	MB	MTICPMS	BLANK WTR		17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	METHOD BLANK
WG93352-2	SB	MTICPMS	BLANK WTR		17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	WG93352-1 MS-20 SPIKE BLANK
WG93352-3	LD	MTICPMS	GRND WTR		17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	L43863-2 RPD-LIQ LAB DUPLICATE
WG93352-4	MS	MTICPMS	GRND WTR		17-Sep-07	18-Sep-07	WG93352-1, -2, -3, -4	L43863-2 MS-20 MATRIX SPIKE

WG93688

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44007-1	421184EN	MTICPMS	EFFLUENT	10/1/2007 9:00	8-Oct-07	9-Oct-07	WG93688-1, -2, -3, -4	
L44007-3	421184EN	MTICPMS	INFLUENT	10/1/2007 9:00	8-Oct-07	9-Oct-07	WG93688-1, -2, -3, -4	
L43913-1	423589-090-1	MTICPMS	STORM WTR	9/30/2007 7:27	8-Oct-07	9-Oct-07	WG93688-1, -2, -3, -5, -6	
L43913-2	423589-090-1	MTICPMS	STORM WTR	9/30/2007 14:10	8-Oct-07	9-Oct-07	WG93688-1, -2, -3, -5, -6	
L44098-3	423484-850-4	MTICPMS	STORM WTR	10/1/2007 12:45	8-Oct-07	9-Oct-07	WG93688-1, -2, -3, -5, -6	
L44098-4	423484-850-4	MTICPMS	STORM WTR	10/1/2007 13:15	8-Oct-07	10-Oct-07	WG93688-1, -2, -3, -5, -6	
WG93688-1	MB	MTICPMS	BLANK WTR		8-Oct-07	9-Oct-07	WG93688-1, -2, -3, -4, -5, -6	METHOD BLANK

LIMSView Batch Report - Total Metals

WG93688-2	SB	MTICPMS	BLANK WTR	8-Oct-07	9-Oct-07	WG93688-1, -2, -3, -3, -4, -5, -6	WG93688-1 MS-20
WG93688-3	LD	MTICPMS	EFFLUENT	8-Oct-07	9-Oct-07	WG93688-1, -2, -3, -3, -4	L44007-1 RPD-LIQ
WG93688-4	MS	MTICPMS	EFFLUENT	8-Oct-07	9-Oct-07	WG93688-1, -2, -3, -3, -4	L44007-1 MS-20
WG93688-5	LD	MTICPMS	STORM WTR	8-Oct-07	9-Oct-07	WG93688-1, -2, -3, -5, -6	L44098-3 RPD-LIQ
WG93688-6	MS	MTICPMS	STORM WTR	8-Oct-07	9-Oct-07	WG93688-1, -2, -3, -5, -6	L44098-3 MS-20

WG93995

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44008-1	421196DD	MTHARD-ICPMS	FRESH WTR	10/10/2007 10:20	25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	
L44008-2	421196DD	MTHARD-ICPMS	FRESH WTR	10/10/2007 10:40	25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	
L44008-3	421196DD	MTHARD-ICPMS	FRESH WTR	10/10/2007 10:55	25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	
L44008-4	421196DD	MTHARD-ICPMS	FRESH WTR	10/10/2007 11:10	25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	
L44008-5	421196DD	MTHARD-ICPMS	FRESH WTR	10/10/2007 11:35	25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	
L44107-1	421185	MTICPMS	BLANK WTR	10/8/2007 13:40	25-Oct-07	29-Oct-07	WG93995-1, -2, -5, -6	FLDBLK @ L44108-7
L44108-1	421185	MTICPMS	INFLUENT	10/9/2007 7:51	25-Oct-07	29-Oct-07	WG93995-1, -2, -5, -6	
L44108-7	421185	MTICPMS	EFFLUENT	10/9/2007 7:39	25-Oct-07	29-Oct-07	WG93995-1, -2, -5, -6	
L44111-1	423484-850-4	MTHARD-ICPMS	CNSTRDEWTR	10/22/2007 11:35	25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	
L44111-2	423484-850-4	MTHARD-ICPMS	FRESH WTR	10/22/2007 12:11	25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	
L44111-3	423484-850-4	MTHARD-ICPMS	CNSTRDEWTR	10/22/2007 10:05	25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	
L44111-4	423484-850-4	MTHARD-ICPMS	FRESH WTR	10/22/2007 10:25	25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	
L44111-6	423484-850-4	MTHARD-ICPMS	CNSTRDEWTR	10/22/2007 10:34	25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	
L44111-7	423484-850-4	MTHARD-ICPMS	FRESH WTR	10/22/2007 10:42	25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	
L44111-8	423484-850-4	MTHARD-ICPMS	CNSTRDEWTR	10/22/2007 11:00	25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	
L44132-1	423589-090-1	MTICPMS	BLANK WTR	10/19/2007 11:10	25-Oct-07	29-Oct-07	WG93995-1, -2, -3, -4	
WG93995-1	MB	MTHARD-ICPMS	BLANK WTR		25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	METHOD BLANK
WG93995-2	SB	MTHARD-ICPMS	BLANK WTR		25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	WG93995-1 MS-20
WG93995-3	LD	MTHARD-ICPMS	FRESH WTR		25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	L44111-8 RPD-LIQ
WG93995-4	MS	MTHARD-ICPMS	FRESH WTR		25-Oct-07	29-Oct-07	WG93995-3, -4, -1, -2, -4	L44111-8 MS-20
WG93995-5	LD	MTICPMS	INFLUENT		25-Oct-07	29-Oct-07	WG93995-1, -2, -5, -6	L44108-1 RPD-LIQ
WG93995-6	MS	MTICPMS	INFLUENT		25-Oct-07	29-Oct-07	WG93995-1, -2, -5, -6	L44108-1 MS-20

WG94858

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44670-1	421196DD	MTHARD-ICPMS	FRESH WTR	12/5/2007 0:00	20-Dec-07	24-Dec-07	WG94858-3, -1, -2, -5, -6	
L44670-2	421196DD	MTHARD-ICPMS	FRESH WTR	12/5/2007 0:00	20-Dec-07	24-Dec-07	WG94858-3, -1, -2, -5, -6	
L44670-3	421196DD	MTHARD-ICPMS	FRESH WTR	12/5/2007 0:00	20-Dec-07	24-Dec-07	WG94858-3, -1, -2, -5, -6	
L44670-4	421196DD	MTHARD-ICPMS	FRESH WTR	12/5/2007 0:00	20-Dec-07	24-Dec-07	WG94858-3, -1, -2, -5, -6	
L44670-5	421196DD	MTHARD-ICPMS	FRESH WTR	12/5/2007 0:00	20-Dec-07	24-Dec-07	WG94858-3, -1, -2, -5, -6	
L44133-1	423589-090-1	MTICPMS	STORM WTR	12/2/2007 18:55	20-Dec-07	24-Dec-07	WG94858-1, -2, -3, -4	
L44133-2	423589-090-1	MTICPMS	STORM WTR	12/2/2007 11:44	20-Dec-07	24-Dec-07	WG94858-1, -2, -3, -4	
L44133-3	423589-090-1	MTICPMS	STORM WTR	12/2/2007 11:24	20-Dec-07	24-Dec-07	WG94858-1, -2, -3, -4	
L44133-4	423589-090-1	MTICPMS	STORM WTR	12/2/2007 11:24	20-Dec-07	24-Dec-07	WG94858-1, -2, -3, -4	
WG94858-1	MB	MTHARD-ICPMS	BLANK WTR		20-Dec-07	24-Dec-07	WG94858-3, -1, -2, -5, -6	METHOD BLANK
WG94858-2	SB	MTHARD-ICPMS	BLANK WTR		20-Dec-07	24-Dec-07	WG94858-3, -1, -2, -5, -6	WG94858-1 MS-20

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WG94858-3	LD	MTICPMS	STORM WTR	20-Dec-07	24-Dec-07	WG94858-1, -2, -3, -4	L44133-3 RPD-LIQ
WG94858-4	MS	MTICPMS	STORM WTR	20-Dec-07	24-Dec-07	WG94858-1, -2, -3, -4	L44133-3 MS-20
WG94858-5	LD	MTHARD-ICPMS	FRESH WTR	20-Dec-07	24-Dec-07	WG94858-3, -1, -2, -5, -6	L44670-5 RPD-LIQ
WG94858-6	MS	MTHARD-ICPMS	FRESH WTR	20-Dec-07	24-Dec-07	WG94858-3, -1, -2, -5, -6	L44670-5 MS-20

WG95248

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44913-1	423589-090-1	MTICPMS	BLANK WTR	1/28/2008 11:50	1-Feb-08	4-Feb-08	WG95248-1, -2, -3, -4	FLDBLK @ P44914-3 & 4
WG95248-1	MB	MTICPMS	BLANK WTR		1-Feb-08	4-Feb-08	WG95248-1, -2, -3, -4	METHOD BLANK
WG95248-2	SB	MTICPMS	BLANK WTR		1-Feb-08	4-Feb-08	WG95248-1, -2, -3, -4	WG95248-1 MS-20
WG95248-3	LD	MTICPMS	BLANK WTR		1-Feb-08	4-Feb-08	WG95248-1, -2, -3, -4	L44913-1 RPD-LIQ
WG95248-4	MS	MTICPMS	BLANK WTR		1-Feb-08	4-Feb-08	WG95248-1, -2, -3, -4	L44913-1 MS-20

WG96974

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L45722-1	421184EN	MTICPMS	EFFLUENT	6/2/2008 8:30	9-Jun-08	11-Jun-08	WG96974-1, -2, -3, -4	
L45722-3	421184EN	MTICPMS	INFLUENT	6/2/2008 8:30	9-Jun-08	11-Jun-08	WG96974-1, -2, -3, -4	
L45679-1	421196DD	MTICPMS	FRESH WTR	6/4/2008 8:55	9-Jun-08	11-Jun-08	WG96974-1, -2, -7, -8	
L45679-2	421196DD	MTICPMS	FRESH WTR	6/4/2008 9:35	9-Jun-08	11-Jun-08	WG96974-1, -2, -7, -8	
L45679-3	421196DD	MTICPMS	FRESH WTR	6/4/2008 11:32	9-Jun-08	11-Jun-08	WG96974-1, -2, -7, -8	
L45679-4	421196DD	MTICPMS	FRESH WTR	6/4/2008 10:10	9-Jun-08	11-Jun-08	WG96974-1, -2, -7, -8	
L45679-5	421196DD	MTICPMS	FRESH WTR	6/4/2008 10:50	9-Jun-08	11-Jun-08	WG96974-1, -2, -7, -8	
L44877-1	421185	MTICPMS	STORM WTR	6/3/2008 19:59	9-Jun-08	11-Jun-08	WG96974-1, -2, -3, -4	
L44912-6	423589-090-1	MTICPMS	STORM WTR	6/3/2008 9:09	9-Jun-08	11-Jun-08	WG96974-1, -2, -5, -6	
L45686-1	421195CU	MTICPMS	STORM WTR	6/3/2008 11:35	9-Jun-08	11-Jun-08	WG96974-1, -2, -7, -8	
L45686-2	421195CU	MTICPMS	STORM WTR	6/3/2008 11:45	9-Jun-08	11-Jun-08	WG96974-1, -2, -7, -8	
L45686-3	421195CU	MTICPMS	STORM WTR	6/3/2008 11:00	9-Jun-08	11-Jun-08	WG96974-1, -2, -7, -8	
L45686-4	421195CU	MTICPMS	STORM WTR	6/3/2008 11:15	9-Jun-08	11-Jun-08	WG96974-1, -2, -7, -8	
L45686-5	421195CU	MTICPMS	STORM WTR	6/3/2008 12:00	9-Jun-08	11-Jun-08	WG96974-1, -2, -7, -8	
L45805-1	423589-090-1	MTICPMS	BLANK WTR	6/5/2008 10:20	9-Jun-08	11-Jun-08	WG96974-1, -2, -5, -6	FLDBLK for P45811
WG96974-1	MB	MTICPMS	BLANK WTR		9-Jun-08	11-Jun-08	WG96974-1, -2, -3, -4, -5, -6, -7, -8	METHOD BLANK
WG96974-2	SB	MTICPMS	BLANK WTR		9-Jun-08	11-Jun-08	WG96974-1, -2, -3, -4, -5, -6, -7, -8	WG96974-1 MS-20
WG96974-3	LD	MTICPMS	STORM WTR		9-Jun-08	11-Jun-08	WG96974-1, -2, -3, -4	L44877-1 RPD-LIQ
WG96974-4	MS	MTICPMS	STORM WTR		9-Jun-08	11-Jun-08	WG96974-1, -2, -3, -4	L44877-1 MS-20
WG96974-5	LD	MTICPMS	STORM WTR		9-Jun-08	11-Jun-08	WG96974-1, -2, -5, -6	L44912-6 RPD-LIQ
WG96974-6	MS	MTICPMS	STORM WTR		9-Jun-08	11-Jun-08	WG96974-1, -2, -5, -6	L44912-6 MS-20
WG96974-7	LD	MTICPMS	STORM WTR		9-Jun-08	11-Jun-08	WG96974-1, -2, -7, -8	L45686-5 RPD-LIQ
WG96974-8	MS	MTICPMS	STORM WTR		9-Jun-08	11-Jun-08	WG96974-1, -2, -7, -8	L45686-5 MS-20

WG98609

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L45811-1	423589-090-1	MTICPMS	STORM WTR	8/19/2008 22:14	11-Sep-08	15-Sep-08	WG98609-1, -2, -3, -4	
L45811-3	423589-090-1	MTICPMS	STORM WTR	8/20/2008 1:35	11-Sep-08	15-Sep-08	WG98609-1, -2, -3, -4	
L45811-6	423589-090-1	MTICPMS	STORM WTR	8/20/2008 1:01	11-Sep-08	15-Sep-08	WG98609-1, -2, -3, -4	

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WG98609-1	MB	MTICPMS	BLANK WTR	11-Sep-08	15-Sep-08	WG98609-1, -2, -3, -4	METHOD BLANK
WG98609-2	SB	MTICPMS	BLANK WTR	11-Sep-08	15-Sep-08	WG98609-1, -2, -3, -4	WG98609-1 MS-20
WG98609-3	LD	MTICPMS	STORM WTR	11-Sep-08	15-Sep-08	WG98609-1, -2, -3, -4	L45811-6 RPD-LIQ
WG98609-4	MS	MTICPMS	STORM WTR	11-Sep-08	15-Sep-08	WG98609-1, -2, -3, -4	L45811-6 MS-20

WG99766

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L46886-1	421196DD	MTHARD-ICPMS	FRESH WTR	11/12/2008 8:30	2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	
L46886-2	421196DD	MTHARD-ICPMS	FRESH WTR	11/12/2008 8:50	2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	
L46886-3	421196DD	MTHARD-ICPMS	FRESH WTR	11/12/2008 9:20	2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	
L46886-4	421196DD	MTHARD-ICPMS	FRESH WTR	11/12/2008 10:00	2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	
L46886-5	421196DD	MTHARD-ICPMS	FRESH WTR	11/12/2008 11:35	2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	
L45816-1	421185	MTICPMS	STORM WTR	11/4/2008 5:36	2-Dec-08	4-Dec-08	WG99766-1, -2, -3, -4, -5, -6, -6	
L46418-3	423589-090-1	MTICPMS	STORM WTR	11/4/2008 5:34	2-Dec-08	4-Dec-08	WG99766-1, -2, -3, -4, -5, -6, -6	
L46418-6	423589-090-1	MTICPMS	STORM WTR	11/4/2008 4:14	2-Dec-08	4-Dec-08	WG99766-1, -2, -3, -4, -5, -6, -6	
L46746-1	421301A	MTHARD-ICPMS	STORM WTR	11/20/2008 9:40	2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	
L46805-1	421195CV	MTHARD-ICPMS	STORM WTR	11/6/2008 2:40	2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	
L46805-2	421195CV	MTHARD-ICPMS	STORM WTR	11/6/2008 8:00	2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	
L46805-3	421195CV	MTHARD-ICPMS	STORM WTR	11/6/2008 1:45	2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	
L46805-4	421195CV	MTHARD-ICPMS	STORM WTR	11/6/2008 7:22	2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	
L46918-1	423589-090-1	MTICPMS	STORM WTR	11/6/2008 14:58	2-Dec-08	4-Dec-08	WG99766-1, -2, -3, -4, -5, -6, -6	
L46918-3	423589-090-1	MTICPMS	STORM WTR	11/6/2008 16:05	2-Dec-08	4-Dec-08	WG99766-1, -2, -3, -4, -5, -6, -6	
L46918-5	423589-090-1	MTICPMS	STORM WTR	11/6/2008 20:28	2-Dec-08	4-Dec-08	WG99766-1, -2, -3, -4, -5, -6, -6	
L46918-6	423589-090-1	MTICPMS	STORM WTR	11/6/2008 15:42	2-Dec-08	4-Dec-08	WG99766-1, -2, -3, -4, -5, -6, -6	
L46930-1	421185	MTICPMS	STORM WTR	11/6/2008 18:59	2-Dec-08	4-Dec-08	WG99766-1, -2, -3, -4, -5, -6, -6	
L46933-1	421185	MTICPMS	STORM WTR	11/7/2008 7:02	2-Dec-08	4-Dec-08	WG99766-1, -2, -3, -4, -5, -6, -6	
WG99766-1	MB	MTHARD-ICPMS	BLANK WTR		2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	METHOD BLANK
WG99766-2	SB	MTHARD-ICPMS	BLANK WTR		2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	WG99766-1 MS-20 SPIKE BLANK
WG99766-3	LD	MTICPMS	STORM WTR		2-Dec-08	4-Dec-08	WG99766-1, -2, -3, -4, -5, -6, -6	L45816-1 RPD-LIQ DUPLICATE
WG99766-4	MS	MTICPMS	STORM WTR		2-Dec-08	4-Dec-08	WG99766-1, -2, -3, -4, -5, -6, -6	L45816-1 MS-20 MATRIX SPIKE
WG99766-5	LD	MTHARD-ICPMS	STORM WTR		2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	L46805-2 RPD-LIQ DUPLICATE
WG99766-6	MS	MTHARD-ICPMS	STORM WTR		2-Dec-08	4-Dec-08	WG99766-1, -2, -5, -6, -6	L46805-2 MS-20 MAT SPK

WG100214

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47120-1	421184EN	MTICPMS	EFFLUENT	1/4/2009 7:30	1/15/2009 7:30	1/21/2009 12:43	WG100214-1, -2, -3, -4	
L47120-3	421184EN	MTICPMS	INFLUENT	1/4/2009 7:30	1/15/2009 7:30	1/21/2009 12:48	WG100214-1, -2, -3, -4	
L47153-1	421430	MTICPMS	EFFLUENT	1/5/2009 8:00	1/15/2009 7:30	1/21/2009 12:53	WG100214-1, -2, -3, -4	
L47190-2	423589-090-1	MTICPMS	STORM WTR	1/7/2009 18:15	1/15/2009 7:30	1/21/2009 12:59	WG100214-1, -2, -3, -4	
L47190-4	423589-090-1	MTICPMS	STORM WTR	1/7/2009 19:19	1/15/2009 7:30	1/21/2009 13:04	WG100214-1, -2, -3, -4	
WG100214-1	MB	MTICPMS	BLANK WTR		1/15/2009 7:30	1/21/2009 12:32	WG100214-1, -2, -3, -4	METHOD BLANK
WG100214-2	SB	MTICPMS	BLANK WTR		1/15/2009 7:30	1/21/2009 12:37	WG100214-1, -2, -3, -4	WG100214-1 MS-20
WG100214-3	LD	MTICPMS	STORM WTR		1/15/2009 7:30	1/21/2009 13:09	WG100214-1, -2, -3, -4	L47190-4 RPD-LIQ
WG100214-4	MS	MTICPMS	STORM WTR		1/15/2009 7:30	1/21/2009 13:51	WG100214-1, -2, -3, -4	L47190-4 MS-20

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WG101567

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47654-1	421422-CHGW-NP	MTICPMS	GRND WTR	4/2/2009 7:50	4/15/2009 8:30	4/16/2009 16:57	WG101567-1, -2, -3, -4	
L47656-1	421422-CHGW-OS	MTICPMS	GRND WTR	4/2/2009 10:10	4/15/2009 8:30	4/16/2009 17:03	WG101567-1, -2, -3, -4	
L47656-3	421422-CHGW-OS	MTICPMS	GRND WTR	4/2/2009 8:55	4/15/2009 8:30	4/16/2009 17:08	WG101567-1, -2, -3, -4	
L47656-5	421422-CHGW-OS	MTICPMS	GRND WTR	4/3/2009 7:30	4/15/2009 8:30	4/16/2009 17:24	WG101567-1, -2, -3, -4	
L47585-1	421430	MTICPMS	EFFLUENT	4/6/2009 7:35	4/15/2009 8:30	4/16/2009 17:45	WG101567-1, -2, -3, -4	
L47627-10	421250C	MTICPMS	BLANK WTR	3/31/2009 11:50	4/15/2009 8:30	4/16/2009 17:50	WG101567-1, -2, -3, -4	
L47627-11	421250C	MTICPMS	BLANK WTR	3/31/2009 15:25	4/15/2009 8:30	4/16/2009 17:56	WG101567-1, -2, -3, -4	
L47627-12	421250C	MTICPMS	BLANK WTR	4/1/2009 9:15	4/15/2009 8:30	4/16/2009 18:01	WG101567-1, -2, -3, -4	
L47627-13	421250C	MTICPMS	BLANK WTR	4/1/2009 12:00	4/15/2009 8:30	4/16/2009 18:06	WG101567-1, -2, -3, -4	
L47834-1	423589-090-1	MTICPMS	STORM WTR	4/12/2009 17:13	4/15/2009 8:30	4/16/2009 18:12	WG101567-1, -2, -3, -4	
L47834-2	423589-090-1	MTICPMS	STORM WTR	4/12/2009 17:13	4/15/2009 8:30	4/16/2009 18:17	WG101567-1, -2, -3, -4	
L47834-3	423589-090-1	MTICPMS	STORM WTR	4/12/2009 16:42	4/15/2009 8:30	4/16/2009 18:22	WG101567-1, -2, -3, -4	
L47834-4	423589-090-1	MTICPMS	STORM WTR	4/12/2009 15:52	4/15/2009 8:30	4/16/2009 18:27	WG101567-1, -2, -3, -4	
WG101567-1	MB	MTICPMS	BLANK WTR		4/15/2009 8:30	4/16/2009 16:47	WG101567-1, -2, -3, -4	METHOD BLANK
WG101567-2	SB	MTICPMS	BLANK WTR		4/15/2009 8:30	4/16/2009 16:52	WG101567-1, -2, -3, -4	WG101567-1 MS-20 SPIKE BLANK
WG101567-3	LD	MTICPMS	GRND WTR		4/15/2009 8:30	4/16/2009 17:13	WG101567-1, -2, -3, -4	L47656-3 RPD-LIQ LAB DUPLICATE
WG101567-4	MS	MTICPMS	GRND WTR		4/15/2009 8:30	4/16/2009 17:19	WG101567-1, -2, -3, -4	L47656-3 MS-20 MATRIX SPIKE

WG101679

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47431-1	421185	MTICPMS	STORM WTR	4/2/2009 23:49	4/21/2009 7:00	5/4/2009 14:54	WG101679-1, -2, -3, -4, -5, -6	
L47597-2	423589-090-1	MTICPMS	STORM WTR	4/2/2009 18:58	4/21/2009 7:00	4/24/2009 10:40	WG101679-1, -2, -3, -4, -5, -6	
L47597-3	423589-090-1	MTICPMS	STORM WTR	4/2/2009 19:28	4/21/2009 7:00	4/24/2009 10:45	WG101679-1, -2, -3, -4, -5, -6	
L47597-4	423589-090-1	MTICPMS	STORM WTR	4/2/2009 19:28	4/21/2009 7:00	4/24/2009 10:51	WG101679-1, -2, -3, -4, -5, -6	FREP @ L47597-3
L47597-5	423589-090-1	MTICPMS	STORM WTR	4/2/2009 17:53	4/21/2009 7:00	4/24/2009 10:56	WG101679-1, -2, -3, -4, -5, -6	
WG101679-1	MB	MTICPMS	BLANK WTR		4/21/2009 7:00	4/24/2009 10:29	WG101679-1, -2, -3, -4, -5, -6	METHOD BLANK
WG101679-2	SB	MTICPMS	BLANK WTR		4/21/2009 7:00	4/24/2009 10:35	WG101679-1, -2, -3, -4, -5, -6	WG101679-1 MS-20
WG101679-3	LD	MTICPMS	STORM WTR		4/21/2009 7:00	4/24/2009 11:02	WG101679-1, -2, -3, -4, -5, -6	L47597-5 RPD-LIQ
WG101679-4	MS	MTICPMS	STORM WTR		4/21/2009 7:00	4/24/2009 11:07	WG101679-1, -2, -3, -4, -5, -6	L47597-5 MS-20
WG101679-5	LD	MTICPMS	STORM WTR		4/21/2009 7:00	5/4/2009 14:59	WG101679-1, -2, -3, -4, -5, -6	L47431-1 RPD-LIQ
WG101679-6	MS	MTICPMS	STORM WTR		4/21/2009 7:00	5/4/2009 15:05	WG101679-1, -2, -3, -4, -5, -6	L47431-1 MS-20

LIMSView Analytical QC Report - Total Metals

WG91964

METHOD BLANK

MB:WG91964-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	

SPIKE BLANK

SB:WG91964-2 MB:WG91964-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.2	101		85--115
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.7	104		85--115
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	5000	5300	106		85--115
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20.1	100		85--115
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	19.9	100		85--115
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.8	104		85--115
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	5000	5200	104		85--115
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.4	102		85--115
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	20	20.4	102		85--115
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.3	102		85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.9	105		85--115

LABORATORY DUPLICATE

LD:WG91964-3 L42798-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	<MDL			20
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	<MDL			20
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	<MDL			20
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	<MDL			20
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	<MDL			20
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	<MDL			20
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20

LIMSView Analytical QC Report - Total Metals

Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	<MDL	20
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL	20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	2.2	2.2	20

MATRIX SPIKE

MS:WG91964-4 L42798-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	18.9	95		70--130
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	19.9	100		70--130
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	5000	5220	104		70--130
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	19.9	99		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20	100		70--130
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.5	103		70--130
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	5000	5200	104		70--130
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.3	101		70--130
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	20	20	100		70--130
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.2	101		70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	2.2	20	21.4	96		70--130

WG93225

METHOD BLANK

MB:WG93225-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	Qual
Aluminum, Total, ICP-MS	2	10	ug/L	<MDL	
Antimony, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Barium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	
Cobalt, Total, ICP-MS	0.2	1	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Total, ICP-MS	20	100	ug/L	<MDL	
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	
Molybdenum, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	
Potassium, Total, ICP-MS	20	100	ug/L	<MDL	
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	
Sodium, Total, ICP-MS	20	100	ug/L	<MDL	

LIMSView Analytical QC Report - Total Metals

Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL
Vanadium, Total, ICP-MS	0.3	1.5	ug/L	<MDL
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL

SPIKE BLANK

SB:WG93225-2 MB:WG93225-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Aluminum, Total, ICP-MS	2	10	ug/L	<MDL	20	20.1	101		85--115
Antimony, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	18.8	94		85--115
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20	100		85--115
Barium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.2	96		85--115
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.8	99		85--115
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20	100		85--115
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	5000	4890	98		85--115
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	19.9	99		85--115
Cobalt, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.2	96		85--115
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	21	105		85--115
Iron, Total, ICP-MS	20	100	ug/L	<MDL	5000	4990	100		85--115
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.7	99		85--115
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	5000	4970	99		85--115
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.1	96		85--115
Molybdenum, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	18.7	93		85--115
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	20	20.9	104		85--115
Potassium, Total, ICP-MS	20	100	ug/L	<MDL	5000	4860	97		85--115
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	20	20	100		85--115
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.1	101		85--115
Sodium, Total, ICP-MS	20	100	ug/L	<MDL	5000	4870	97		85--115
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.7	99		85--115
Vanadium, Total, ICP-MS	0.3	1.5	ug/L	<MDL	20	19.5	98		85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.3	101		85--115

LABORATORY DUPLICATE

LD:WG93225-3 L43420-2 Matrix: GRND WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Aluminum, Total, ICP-MS	2	10	ug/L	3.8	3.7			20
Antimony, Total, ICP-MS	0.5	2.5	ug/L	<MDL	<MDL			20
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	0.66	0.66			20
Barium, Total, ICP-MS	0.2	1	ug/L	7.74	7.7	1		20
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	<MDL			20
Calcium, Total, ICP-MS	50	250	ug/L	15400	15300	0		20
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	<MDL			20
Cobalt, Total, ICP-MS	0.2	1	ug/L	0.72	0.72			20
Copper, Total, ICP-MS	0.4	2	ug/L	3.14	3.13	0		20

LIMSView Analytical QC Report - Total Metals

Iron, Total, ICP-MS	20	100	ug/L	<MDL	<MDL		20
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL		20
Magnesium, Total, ICP-MS	30	150	ug/L	8330	8310	0	20
Manganese, Total, ICP-MS	0.2	1	ug/L	580	578	0	20
Molybdenum, Total, ICP-MS	0.5	2.5	ug/L	1.1	1		20
Nickel, Total, ICP-MS	0.3	1.5	ug/L	3.3	3.36	2	20
Potassium, Total, ICP-MS	20	100	ug/L	1660	1650	1	20
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	<MDL		20
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL		20
Sodium, Total, ICP-MS	20	100	ug/L	13000	12900	0	20
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL		20
Vanadium, Total, ICP-MS	0.3	1.5	ug/L	0.6	0.59		20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	2.4	2.62	7	20

MATRIX SPIKE

MS:WG93225-4 L43420-2 Matrix: GRND WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Aluminum, Total, ICP-MS	2	10	ug/L	3.8	20	23.9	101		70--130
Antimony, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	19.4	97		70--130
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	0.66	20	20.9	101		70--130
Barium, Total, ICP-MS	0.2	1	ug/L	7.74	20	27.7	100		70--130
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.8	99		70--130
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	19.7	98		70--130
Calcium, Total, ICP-MS	50	250	ug/L	15400	5000	20500	102		70--130
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20.3	102		70--130
Cobalt, Total, ICP-MS	0.2	1	ug/L	0.72	20	19.8	95		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	3.14	20	24	104		70--130
Iron, Total, ICP-MS	20	100	ug/L	<MDL	5000	4980	100		70--130
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.8	99		70--130
Magnesium, Total, ICP-MS	30	150	ug/L	8330	5000	13400	101		70--130
Manganese, Total, ICP-MS	0.2	1	ug/L	580	20	606		(No MS/MSD %Rec. due to 4x rule)	
Molybdenum, Total, ICP-MS	0.5	2.5	ug/L	1.1	20	20	95		70--130
Nickel, Total, ICP-MS	0.3	1.5	ug/L	3.3	20	24.1	104		70--130
Potassium, Total, ICP-MS	20	100	ug/L	1660	5000	6580	98		70--130
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	20	19.3	96		70--130
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.7	99		70--130
Sodium, Total, ICP-MS	20	100	ug/L	13000	5000	18100	103		70--130
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.9	99		70--130
Vanadium, Total, ICP-MS	0.3	1.5	ug/L	0.6	20	20.4	99		70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	2.4	20	22.2	99		70--130

LIMSView Analytical QC Report - Total Metals

WG93352

METHOD BLANK

MB:WG93352-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8 (06-03-004&004A-001) Project: Pkey: STD

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Barium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	

SPIKE BLANK

SB:WG93352-2 MB:WG93352-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.4	102		85--115
Barium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.8	104		85--115
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	21.4	107		85--115
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	5000	5060	101		85--115
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20.6	103		85--115
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	21.2	106		85--115
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.8	104		85--115
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	5000	5340	107		85--115
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.5	103		85--115
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	20	21	105		85--115
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	20	21	105		85--115
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	21.5	108		85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	21.2	106		85--115

LABORATORY DUPLICATE

LD:WG93352-3 L43863-2 Matrix: GRND WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	13.2	13.3	1		20
Barium, Total, ICP-MS	0.2	1	ug/L	18.6	18.7	1		20
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	<MDL			20
Calcium, Total, ICP-MS	50	250	ug/L	11100	11300	1		20

LIMSView Analytical QC Report - Total Metals

Chromium, Total, ICP-MS	0.4	2	ug/L	1	1		20
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	<MDL		20
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL		20
Magnesium, Total, ICP-MS	30	150	ug/L	4650	4830	4	20
Manganese, Total, ICP-MS	0.2	1	ug/L	654	662	1	20
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	<MDL		20
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	<MDL		20
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL		20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	0.83	0.76		20

MATRIX SPIKE

MS:WG93352-4 L43863-2 Matrix: GRND WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	13.2	20	32.7	98		70--130
Barium, Total, ICP-MS	0.2	1	ug/L	18.6	20	38.3	99		70--130
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.4	102		70--130
Calcium, Total, ICP-MS	50	250	ug/L	11100	5000	15900	94		70--130
Chromium, Total, ICP-MS	0.4	2	ug/L	1	20	20.6	98		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	21.1	105		70--130
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20	100		70--130
Magnesium, Total, ICP-MS	30	150	ug/L	4650	5000	9460	96		70--130
Manganese, Total, ICP-MS	0.2	1	ug/L	654	20	662			(No MS/MSD %Rec. due to 4x rule)
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	20	20.7	103		70--130
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	20	19	95		70--130
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.6	103		70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	0.83	20	20.7	99		70--130

WG93688

METHOD BLANK

MB:WG93688-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	Qual
Antimony, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	

LIMSView Analytical QC Report - Total Metals

Silver, Total, ICP-MS	0.2	1	ug/L	<MDL
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL

SPIKE BLANK

SB:WG93688-2 MB:WG93688-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.9	104		85--115
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.1	101		85--115
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.6	103		85--115
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.6	103		85--115
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	5000	4910	98		85--115
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	19.9	100		85--115
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20.8	104		85--115
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.6	103		85--115
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	5000	4950	99		85--115
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.6	103		85--115
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	20	20.9	105		85--115
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	20	20.9	105		85--115
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.9	104		85--115
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.3	101		85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.8	104		85--115

LABORATORY DUPLICATE

LD:WG93688-3 L44007-1 Matrix: EFFLUENT Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	0.84	0.84			20
Copper, Total, ICP-MS	0.4	2	ug/L	16.8	16.6	1		20

MATRIX SPIKE

MS:WG93688-4 L44007-1 Matrix: EFFLUENT Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	0.84	20	20.4	98		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	16.8	20	35.4	93		70--130

LABORATORY DUPLICATE

LD:WG93688-5 L44098-3 Matrix: STORM WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Antimony, Total, ICP-MS	0.5	2.5	ug/L	0.81	0.78			20
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	1.6	1.6			20
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	<MDL			20
Calcium, Total, ICP-MS	50	250	ug/L	18200	18400	1		20
Chromium, Total, ICP-MS	0.4	2	ug/L	2.41	2.4	0		20

LIMSView Analytical QC Report - Total Metals

Copper, Total, ICP-MS	0.4	2	ug/L	5.64	5.66	0	20
Lead, Total, ICP-MS	0.2	1	ug/L	0.86	0.87		20
Magnesium, Total, ICP-MS	30	150	ug/L	3830	3880	1	20
Nickel, Total, ICP-MS	0.3	1.5	ug/L	3.28	3.32	1	20
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	<MDL		20
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL		20
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL		20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	15.3	15.2	1	20

MATRIX SPIKE

MS:WG93688-6 L44098-3 Matrix: STORM WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.5	2.5	ug/L	0.81	20	20.3	97		70--130
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	1.6	20	21.3	99		70--130
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.5	97		70--130
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	19.9	100		70--130
Calcium, Total, ICP-MS	50	250	ug/L	18200	5000	23600	108		70--130
Chromium, Total, ICP-MS	0.4	2	ug/L	2.41	20	21.8	97		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	5.64	20	25	97		70--130
Lead, Total, ICP-MS	0.2	1	ug/L	0.86	20	20.8	100		70--130
Magnesium, Total, ICP-MS	30	150	ug/L	3830	5000	8910	102		70--130
Nickel, Total, ICP-MS	0.3	1.5	ug/L	3.28	20	23.6	102		70--130
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	20	18.8	94		70--130
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.2	101		70--130
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.7	99		70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	15.3	20	34.5	96		70--130

WG93995

METHOD BLANK

MB:WG93995-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	Qual
Antimony, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Barium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	

LIMSView Analytical QC Report - Total Metals

Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL

SPIKE BLANK

SB:WG93995-2 MB:WG93995-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.5	103		85--115
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	21.1	105		85--115
Barium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.7	104		85--115
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	21.8	109		85--115
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.6	103		85--115
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	5000	5240	105		85--115
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	21.1	106		85--115
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	21.4	107		85--115
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	21.1	105		85--115
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	5000	5410	108		85--115
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.2	101		85--115
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	20	22.3	111		85--115
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	20	21.1	105		85--115
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.7	103		85--115
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.9	104		85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	21.4	107		85--115

LABORATORY DUPLICATE

LD:WG93995-3 L44111-8 Matrix: FRESH WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Antimony, Total, ICP-MS	0.5	2.5	ug/L	<MDL	<MDL			20
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	3.77	3.8	1		20
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	<MDL			20
Calcium, Total, ICP-MS	50	250	ug/L	24700	24800	0		20
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	<MDL			20
Copper, Total, ICP-MS	0.4	2	ug/L	2.26	2.24	1		20
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Magnesium, Total, ICP-MS	30	150	ug/L	10300	10300	0		20
Manganese, Total, ICP-MS	0.2	1	ug/L	13.1	12.9	2		20
Nickel, Total, ICP-MS	0.3	1.5	ug/L	0.56	0.59			20
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	<MDL			20
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	52.6	51	3		20

LIMSView Analytical QC Report - Total Metals

MATRIX SPIKE

MS:WG93995-4 L44111-8 Matrix: FRESH WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	19.6	98		70--130
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	3.77	20	24.2	102		70--130
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.9	99		70--130
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	19.4	97		70--130
Calcium, Total, ICP-MS	50	250	ug/L	24700	5000	29900			(No MS/MSD %Rec. due to 4x rule)
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20.4	102		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	2.26	20	22.2	100		70--130
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.7	103		70--130
Magnesium, Total, ICP-MS	30	150	ug/L	10300	5000	15500	104		70--130
Manganese, Total, ICP-MS	0.2	1	ug/L	13.1	20	32.8	99		70--130
Nickel, Total, ICP-MS	0.3	1.5	ug/L	0.56	20	21.7	106		70--130
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	20	19.2	96		70--130
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.5	97		70--130
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.6	103		70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	52.6	20	70.9	92		70--130

LABORATORY DUPLICATE

LD:WG93995-5 L44108-1 Matrix: INFLUENT Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Antimony, Total, ICP-MS	0.5	2.5	ug/L	0.52	<MDL			20
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	2.2	2.1			20
Barium, Total, ICP-MS	0.2	1	ug/L	26.9	26.9	0		20
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	0.28	0.27			20
Chromium, Total, ICP-MS	0.4	2	ug/L	3.18	3.13	1		20
Copper, Total, ICP-MS	0.4	2	ug/L	52.3	51.4	2		20
Lead, Total, ICP-MS	0.2	1	ug/L	6.84	6.75	1		20
Nickel, Total, ICP-MS	0.3	1.5	ug/L	4.58	4.37	5		20
Selenium, Total, ICP-MS	1.5	7.5	ug/L	1.5	<MDL			20
Silver, Total, ICP-MS	0.2	1	ug/L	2.84	2.79	2		20
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	114	113	1		20

MATRIX SPIKE

MS:WG93995-6 L44108-1 Matrix: INFLUENT Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.5	2.5	ug/L	0.52	20	18.8	91		70--130
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	2.2	20	22.5	102		70--130
Barium, Total, ICP-MS	0.2	1	ug/L	26.9	20	45.8	95		70--130
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.7	98		70--130
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	0.28	20	19.4	95		70--130

LIMSView Analytical QC Report - Total Metals

Chromium, Total, ICP-MS	0.4	2	ug/L	3.18	20	22.5	97	70--130
Copper, Total, ICP-MS	0.4	2	ug/L	52.3	20	68.8	82	70--130
Lead, Total, ICP-MS	0.2	1	ug/L	6.84	20	26.3	97	70--130
Nickel, Total, ICP-MS	0.3	1.5	ug/L	4.58	20	24.7	101	70--130
Selenium, Total, ICP-MS	1.5	7.5	ug/L	1.5	20	21.5	100	70--130
Silver, Total, ICP-MS	0.2	1	ug/L	2.84	20	19.9	86	70--130
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.9	100	70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	114	20	130		(No MS/MSD %Rec. due to 4x rule)

WG94858

METHOD BLANK

MB:WG94858-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	

SPIKE BLANK

SB:WG94858-2 MB:WG94858-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	19.9	100		85--115
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	21	105		85--115
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	5000	5010	100		85--115
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	19.6	98		85--115
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20.8	104		85--115
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.8	99		85--115
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	5000	4690	94		85--115
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.1	101		85--115
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	20	20.5	103		85--115
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	21.1	106		85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.6	103		85--115

LIMSView Analytical QC Report - Total Metals

LABORATORY DUPLICATE

LD:WG94858-3 L44133-3 Matrix: STORM WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	1.5	1.6			20
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	0.17	0.18			20
Calcium, Total, ICP-MS	50	250	ug/L	9580	9810	2		20
Chromium, Total, ICP-MS	0.4	2	ug/L	3.48	3.52	1		20
Copper, Total, ICP-MS	0.4	2	ug/L	17.3	18.8	8		20
Lead, Total, ICP-MS	0.2	1	ug/L	9.57	9.84	3		20
Magnesium, Total, ICP-MS	30	150	ug/L	2450	2480	1		20
Manganese, Total, ICP-MS	0.2	1	ug/L	74.2	76.1	2		20
Nickel, Total, ICP-MS	0.3	1.5	ug/L	4.57	4.3	6		20
Silver, Total, ICP-MS	0.2	1	ug/L	0.23	<MDL			20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	89.4	90.6	1		20

MATRIX SPIKE

MS:WG94858-4 L44133-3 Matrix: STORM WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	1.5	20	21.2	98		70--130
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	0.17	20	19.7	97		70--130
Calcium, Total, ICP-MS	50	250	ug/L	9580	5000	14800	105		70--130
Chromium, Total, ICP-MS	0.4	2	ug/L	3.48	20	23.1	98		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	17.3	20	37.2	99		70--130
Lead, Total, ICP-MS	0.2	1	ug/L	9.57	20	29.5	99		70--130
Magnesium, Total, ICP-MS	30	150	ug/L	2450	5000	7650	104		70--130
Manganese, Total, ICP-MS	0.2	1	ug/L	74.2	20	94.9	103		70--130
Nickel, Total, ICP-MS	0.3	1.5	ug/L	4.57	20	24.6	100		70--130
Silver, Total, ICP-MS	0.2	1	ug/L	0.23	20	19.8	98		70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	89.4	20	108			(No MS/MSD %Rec. due to 4x rule)

WG95248

METHOD BLANK

MB:WG95248-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Total, ICP-MS	20	100	ug/L	<MDL	
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	

LIMSView Analytical QC Report - Total Metals

Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL

SPIKE BLANK

SB:WG95248-2 MB:WG95248-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.8	104		85--115
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.2	101		85--115
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	5000	5000	100		85--115
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20.7	104		85--115
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	21.3	107		85--115
Iron, Total, ICP-MS	20	100	ug/L	<MDL	5000	5050	101		85--115
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.8	104		85--115
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	5000	4970	99		85--115
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.2	101		85--115
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	20	21.2	106		85--115
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	21.6	108		85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	21.5	108		85--115

LABORATORY DUPLICATE

LD:WG95248-3 L44913-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	<MDL			20
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	<MDL			20
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	<MDL			20
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	<MDL			20
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	<MDL			20
Iron, Total, ICP-MS	20	100	ug/L	<MDL	<MDL			20
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	<MDL			20
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	<MDL			20
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	<MDL			20

MATRIX SPIKE

MS:WG95248-4 L44913-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.5	103		70--130
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.1	101		70--130
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	5000	5200	104		70--130
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20.8	104		70--130

LIMSView Analytical QC Report - Total Metals

Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	21.9	110	70--130
Iron, Total, ICP-MS	20	100	ug/L	<MDL	5000	5200	104	70--130
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.7	104	70--130
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	5000	5170	103	70--130
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.6	103	70--130
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	20	21.6	108	70--130
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	22.1	110	70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	21.1	105	70--130

WG96974

METHOD BLANK

MB:WG96974-1 Matrix: BLANK WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	MB Value	Qual
Antimony, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Barium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Total, ICP-MS	20	100	ug/L	<MDL	
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	

SPIKE BLANK

SB:WG96974-2 MB:WG96974-1 Matrix: BLANK WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.1	101		85--115
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.1	100		85--115
Barium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.1	100		85--115
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	21.2	106		85--115
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.5	102		85--115
Calcium, Total, ICP-MS	50	250	ug/L	<MDL	5000	5060	101		85--115
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20.4	102		85--115
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	21.1	105		85--115
Iron, Total, ICP-MS	20	100	ug/L	<MDL	5000	5130	103		85--115

LIMSView Analytical QC Report - Total Metals

Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.7	103	85--115
Magnesium, Total, ICP-MS	30	150	ug/L	<MDL	5000	5160	103	85--115
Manganese, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.5	103	85--115
Nickel, Total, ICP-MS	0.3	1.5	ug/L	<MDL	20	21.2	106	85--115
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	20	20.2	101	85--115
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	21.2	106	85--115
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.8	104	85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	21.9	109	85--115

LABORATORY DUPLICATE

LD:WG96974-3 L44877-1 Matrix: STORM WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Antimony, Total, ICP-MS	0.5	2.5	ug/L	2.1	2			20
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	2.71	2.76	2		20
Barium, Total, ICP-MS	0.2	1	ug/L	32.3	32	1		20
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	0.23	0.23			20
Chromium, Total, ICP-MS	0.4	2	ug/L	6.79	6.87	1		20
Copper, Total, ICP-MS	0.4	2	ug/L	114	111	3		20
Lead, Total, ICP-MS	0.2	1	ug/L	23.4	23.4	0		20
Nickel, Total, ICP-MS	0.3	1.5	ug/L	5.23	5.44	4		20
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	<MDL			20
Silver, Total, ICP-MS	0.2	1	ug/L	0.62	0.63			20
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	145	146	1		20

MATRIX SPIKE

MS:WG96974-4 L44877-1 Matrix: STORM WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.5	2.5	ug/L	2.1	20	20.4	92		70--130
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	2.71	20	22.5	99		70--130
Barium, Total, ICP-MS	0.2	1	ug/L	32.3	20	52.3	100		70--130
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.2	101		70--130
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	0.23	20	19.1	94		70--130
Chromium, Total, ICP-MS	0.4	2	ug/L	6.79	20	26.3	98		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	114	20	129			(No MS/MSD %Rec. due to 4x rule)
Lead, Total, ICP-MS	0.2	1	ug/L	23.4	20	42	93		70--130
Nickel, Total, ICP-MS	0.3	1.5	ug/L	5.23	20	24.6	97		70--130
Selenium, Total, ICP-MS	1.5	7.5	ug/L	<MDL	20	18.4	92		70--130
Silver, Total, ICP-MS	0.2	1	ug/L	0.62	20	19.3	93		70--130
Thallium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19	95		70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	145	20	165			(No MS/MSD %Rec. due to 4x rule)

LIMSView Analytical QC Report - Total Metals

LABORATORY DUPLICATE

LD:WG96974-5 L44912-6 Matrix: STORM WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	2.67	2.5	8		20
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	0.23	0.24			20
Calcium, Total, ICP-MS	50	250	ug/L	11200	11300	1		20
Chromium, Total, ICP-MS	0.4	2	ug/L	4.18	4.01	4		20
Copper, Total, ICP-MS	0.4	2	ug/L	40.4	39.5	2		20
Iron, Total, ICP-MS	20	100	ug/L	1620	1540	5		20
Lead, Total, ICP-MS	0.2	1	ug/L	14	14.1	1		20
Magnesium, Total, ICP-MS	30	150	ug/L	2480	2500	1		20
Manganese, Total, ICP-MS	0.2	1	ug/L	69.9	69.7	0		20
Nickel, Total, ICP-MS	0.3	1.5	ug/L	4.52	4.3	5		20
Silver, Total, ICP-MS	0.2	1	ug/L	0.59	0.6			20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	174	176	1		20

MATRIX SPIKE

MS:WG96974-6 L44912-6 Matrix: STORM WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	2.67	20	22.4	99		70--130
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	0.23	20	20.8	103		70--130
Calcium, Total, ICP-MS	50	250	ug/L	11200	5000	16400	104		70--130
Chromium, Total, ICP-MS	0.4	2	ug/L	4.18	20	24.5	101		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	40.4	20	60.6	101		70--130
Iron, Total, ICP-MS	20	100	ug/L	1620	5000	6530	98		70--130
Lead, Total, ICP-MS	0.2	1	ug/L	14	20	34.4	102		70--130
Magnesium, Total, ICP-MS	30	150	ug/L	2480	5000	7700	104		70--130
Manganese, Total, ICP-MS	0.2	1	ug/L	69.9	20	89.2	97		70--130
Nickel, Total, ICP-MS	0.3	1.5	ug/L	4.52	20	25	102		70--130
Silver, Total, ICP-MS	0.2	1	ug/L	0.59	20	20.2	98		70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	174	20	193			(No MS/MSD %Rec. due to 4x rule)

LABORATORY DUPLICATE

LD:WG96974-7 L45686-5 Matrix: STORM WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	0.61	0.69			20
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	<MDL			20
Calcium, Total, ICP-MS	50	250	ug/L	13700	13100	4		20
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	<MDL			20
Copper, Total, ICP-MS	0.4	2	ug/L	2.31	2.37	3		20
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Magnesium, Total, ICP-MS	30	150	ug/L	4210	4080	3		20
Manganese, Total, ICP-MS	0.2	1	ug/L	520	507	2		20
Nickel, Total, ICP-MS	0.3	1.5	ug/L	3.08	3.09	1		20

LIMSView Analytical QC Report - Total Metals

Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL	20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	2	2.3	20

MATRIX SPIKE

MS:WG96974-8 L45686-5 Matrix: STORM WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.5	2.5	ug/L	0.61	20	20.4	99		70--130
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.1	101		70--130
Calcium, Total, ICP-MS	50	250	ug/L	13700	5000	18600	98		70--130
Chromium, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20.3	101		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	2.31	20	23.1	104		70--130
Lead, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.7	104		70--130
Magnesium, Total, ICP-MS	30	150	ug/L	4210	5000	9220	100		70--130
Manganese, Total, ICP-MS	0.2	1	ug/L	520	20	535			(No MS/MSD %Rec. due to 4x rule)
Nickel, Total, ICP-MS	0.3	1.5	ug/L	3.08	20	23.2	101		70--130
Silver, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.7	103		70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	2	20	22.4	102		70--130

WG98609

METHOD BLANK

MB:WG98609-1 Matrix: BLANK WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	
Calcium, Total, ICP-MS	10	50	ug/L	<MDL	
Chromium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Total, ICP-MS	10	10	ug/L	<MDL	
Lead, Total, ICP-MS	0.1	0.1	ug/L	<MDL	
Magnesium, Total, ICP-MS	10	50	ug/L	<MDL	
Manganese, Total, ICP-MS	0.05	0.25	ug/L	<MDL	
Nickel, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL	
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	

SPIKE BLANK

SB:WG98609-2 MB:WG98609-1 Matrix: BLANK WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	19	95		85--115
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.1	95		85--115
Calcium, Total, ICP-MS	10	50	ug/L	<MDL	5000	4630	93		85--115
Chromium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	18.5	92		85--115

LIMSView Analytical QC Report - Total Metals

Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	19.3	97	85--115
Iron, Total, ICP-MS	10	10	ug/L	<MDL	5000	4780	96	85--115
Lead, Total, ICP-MS	0.1	0.1	ug/L	<MDL	20	18.9	94	85--115
Magnesium, Total, ICP-MS	10	50	ug/L	<MDL	5000	4770	95	85--115
Manganese, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	18.3	91	85--115
Nickel, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	19.1	95	85--115
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.6	98	85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	19.9	99	85--115

LABORATORY DUPLICATE

LD:WG98609-3 L45811-6 Matrix: STORM WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	2.02	1.95	4		20
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	0.18	0.17			20
Calcium, Total, ICP-MS	10	50	ug/L	9130	8880	3		20
Chromium, Total, ICP-MS	0.2	1	ug/L	2.32	2.22	4		20
Copper, Total, ICP-MS	0.4	2	ug/L	23.6	22.8	4		20
Iron, Total, ICP-MS	10	10	ug/L	708	688	3		20
Lead, Total, ICP-MS	0.1	0.1	ug/L	8.24	8.12	1		20
Magnesium, Total, ICP-MS	10	50	ug/L	1510	1450	4		20
Manganese, Total, ICP-MS	0.05	0.25	ug/L	38.4	37.1	3		20
Nickel, Total, ICP-MS	0.1	0.5	ug/L	2.73	2.58	6		20
Silver, Total, ICP-MS	0.05	0.25	ug/L	0.19	0.18			20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	125	120	4		20

MATRIX SPIKE

MS:WG98609-4 L45811-6 Matrix: STORM WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	2.02	20	20.3	91		70--130
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	0.18	20	19	94		70--130
Calcium, Total, ICP-MS	10	50	ug/L	9130	5000	13700	92		70--130
Chromium, Total, ICP-MS	0.2	1	ug/L	2.32	20	20.8	92		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	23.6	20	41.2	88		70--130
Iron, Total, ICP-MS	10	10	ug/L	708	5000	5370	93		70--130
Lead, Total, ICP-MS	0.1	0.1	ug/L	8.24	20	27.2	95		70--130
Magnesium, Total, ICP-MS	10	50	ug/L	1510	5000	6490	100		70--130
Manganese, Total, ICP-MS	0.05	0.25	ug/L	38.4	20	55.4	85		70--130
Nickel, Total, ICP-MS	0.1	0.5	ug/L	2.73	20	21.5	94		70--130
Silver, Total, ICP-MS	0.05	0.25	ug/L	0.19	20	19.5	96		70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	125	20	137			

(No MS/MSD %Rec. due to 4x rule)

LIMSView Analytical QC Report - Total Metals

WG99766

METHOD BLANK

MB:WG99766-1 Matrix: BLANK WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	MB Value	Qual
Antimony, Total, ICP-MS	0.3	1	ug/L	<MDL	
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Barium, Total, ICP-MS	0.05	0.25	ug/L	0.2	B
Beryllium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	
Calcium, Total, ICP-MS	10	50	ug/L	<MDL	
Chromium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Total, ICP-MS	10	10	ug/L	13.8	B
Lead, Total, ICP-MS	0.075	0.1	ug/L	<MDL	
Magnesium, Total, ICP-MS	10	50	ug/L	<MDL	
Manganese, Total, ICP-MS	0.1	0.5	ug/L	0.23	B
Nickel, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Selenium, Total, ICP-MS	1	1	ug/L	<MDL	
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL	
Thallium, Total, ICP-MS	0.04	0.2	ug/L	<MDL	
Zinc, Total, ICP-MS	0.5	2.5	ug/L	0.57	B

SPIKE BLANK

SB:WG99766-2 MB:WG99766-1 Matrix: BLANK WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.3	1	ug/L	<MDL	20	19.8	99		85--115
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	19.8	99		85--115
Barium, Total, ICP-MS	0.05	0.25	ug/L	0.2	20	19.7	98		85--115
Beryllium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	21.4	107		85--115
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.3	96		85--115
Calcium, Total, ICP-MS	10	50	ug/L	<MDL	5000	5040	101		85--115
Chromium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	18.7	94		85--115
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	19.7	99		85--115
Iron, Total, ICP-MS	10	10	ug/L	13.8	5000	5120	102		85--115
Lead, Total, ICP-MS	0.075	0.1	ug/L	<MDL	20	18.6	93		85--115
Magnesium, Total, ICP-MS	10	50	ug/L	<MDL	5000	5210	104		85--115
Manganese, Total, ICP-MS	0.1	0.5	ug/L	0.23	20	18.3	90		85--115
Nickel, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.1	100		85--115
Selenium, Total, ICP-MS	1	1	ug/L	<MDL	20	21.2	106		85--115
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	19	95		85--115
Thallium, Total, ICP-MS	0.04	0.2	ug/L	<MDL	20	20	100		85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	0.57	20	20.3	98		85--115

LIMSView Analytical QC Report - Total Metals

LABORATORY DUPLICATE

LD:WG99766-3 L45816-1 Matrix: STORM WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Antimony, Total, ICP-MS	0.3	1	ug/L	0.86	0.82			20
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	2.12	2.12	0		20
Barium, Total, ICP-MS	0.05	0.25	ug/L	15.3	14.8	3		20
Beryllium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	<MDL			20
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	0.15	0.14			20
Chromium, Total, ICP-MS	0.2	1	ug/L	3.18	3.1	3		20
Copper, Total, ICP-MS	0.4	2	ug/L	595	596	0		20
Lead, Total, ICP-MS	0.075	0.1	ug/L	8.86	8.9	0		20
Nickel, Total, ICP-MS	0.1	0.5	ug/L	4.37	4.39	0		20
Selenium, Total, ICP-MS	1	1	ug/L	<MDL	<MDL			20
Silver, Total, ICP-MS	0.05	0.25	ug/L	0.283	0.314	11		20
Thallium, Total, ICP-MS	0.04	0.2	ug/L	<MDL	<MDL			20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	97.6	96.9	1		20

MATRIX SPIKE

MS:WG99766-4 L45816-1 Matrix: STORM WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.3	1	ug/L	0.86	20	19.4	93		70--130
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	2.12	20	21	94		70--130
Barium, Total, ICP-MS	0.05	0.25	ug/L	15.3	20	33.9	93		70--130
Beryllium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.4	102		70--130
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	0.15	20	18.6	92		70--130
Chromium, Total, ICP-MS	0.2	1	ug/L	3.18	20	21.6	92		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	595	20	616			(No MS/MSD %Rec. due to 4x rule)
Lead, Total, ICP-MS	0.075	0.1	ug/L	8.86	20	27.3	92		70--130
Nickel, Total, ICP-MS	0.1	0.5	ug/L	4.37	20	24.3	100		70--130
Selenium, Total, ICP-MS	1	1	ug/L	<MDL	20	18.3	92		70--130
Silver, Total, ICP-MS	0.05	0.25	ug/L	0.283	20	17.3	85		70--130
Thallium, Total, ICP-MS	0.04	0.2	ug/L	<MDL	20	20.1	100		70--130
Zinc, Total, ICP-MS	0.5	2.5	ug/L	97.6	20	115			(No MS/MSD %Rec. due to 4x rule)

LABORATORY DUPLICATE

LD:WG99766-5 L46805-2 Matrix: STORM WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	0.35	0.34			20
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL			20
Calcium, Total, ICP-MS	10	50	ug/L	12100	11900	2		20
Chromium, Total, ICP-MS	0.2	1	ug/L	0.45	0.43			20
Copper, Total, ICP-MS	0.4	2	ug/L	5.22	4.92	6		20
Iron, Total, ICP-MS	10	10	ug/L	169	166	2		20
Lead, Total, ICP-MS	0.075	0.1	ug/L	0.47	0.452	4		20

LIMSView Analytical QC Report - Total Metals

Magnesium, Total, ICP-MS	10	50	ug/L	2970	2920	2	20
Manganese, Total, ICP-MS	0.1	0.5	ug/L	12.4	12.3	1	20
Nickel, Total, ICP-MS	0.1	0.5	ug/L	0.866	0.95	9	20
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL		20

MATRIX SPIKE

MS:WG99766-6 L46805-2 Matrix: STORM WTR Listtype: MTICPMS Method: ICPMS EPA 200.8

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	0.35	20	18.7	92		70--130
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	0.35		18.7	92		--
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	18.4	92		70--130
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL		18.4	92		--
Calcium, Total, ICP-MS	10	50	ug/L	12100	5000	17000	98		70--130
Calcium, Total, ICP-MS	10	50	ug/L	12100		17000	98		--
Chromium, Total, ICP-MS	0.2	1	ug/L	0.45	20	18.6	91		70--130
Chromium, Total, ICP-MS	0.2	1	ug/L	0.45		18.6	91		--
Copper, Total, ICP-MS	0.4	2	ug/L	5.22	20	23.6	92		70--130
Copper, Total, ICP-MS	0.4	2	ug/L	5.22		23.6	92		--
Iron, Total, ICP-MS	10	10	ug/L	169	5000	5180	100		70--130
Iron, Total, ICP-MS	10	10	ug/L	169		5180	100		--
Lead, Total, ICP-MS	0.075	0.1	ug/L	0.47	20	18.7	91		70--130
Lead, Total, ICP-MS	0.075	0.1	ug/L	0.47		18.7	91		--
Magnesium, Total, ICP-MS	10	50	ug/L	2970	5000	8110	103		70--130
Magnesium, Total, ICP-MS	10	50	ug/L	2970		8110	103		--
Manganese, Total, ICP-MS	0.1	0.5	ug/L	12.4	20	30.2	89		70--130
Manganese, Total, ICP-MS	0.1	0.5	ug/L	12.4		30.2	89		--
Nickel, Total, ICP-MS	0.1	0.5	ug/L	0.866	20	20.1	96		70--130
Nickel, Total, ICP-MS	0.1	0.5	ug/L	0.866		20.1	96		--
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	18.6	93		70--130
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL		18.6	93		--

WG100214

METHOD BLANK

MB:WG100214-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	Qual
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	
Calcium, Total, ICP-MS	10	50	ug/L	<MDL	
Chromium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Total, ICP-MS	10	10	ug/L	<MDL	
Lead, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Magnesium, Total, ICP-MS	10	50	ug/L	<MDL	

LIMSView Analytical QC Report - Total Metals

Manganese, Total, ICP-MS	0.1	0.5	ug/L	<MDL
Nickel, Total, ICP-MS	0.1	0.5	ug/L	<MDL
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL

SPIKE BLANK

SB:WG100214-2 MB:WG100214-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	21.1	105		85--115
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	22	110		85--115
Calcium, Total, ICP-MS	10	50	ug/L	<MDL	5000	5290	106		85--115
Chromium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	21.3	106		85--115
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	22.6	113		85--115
Iron, Total, ICP-MS	10	10	ug/L	<MDL	5000	5240	105		85--115
Lead, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	21.4	107		85--115
Magnesium, Total, ICP-MS	10	50	ug/L	<MDL	5000	5530	111		85--115
Manganese, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	21.7	109		85--115
Nickel, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	21.7	109		85--115
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	22.4	112		85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	23	115		85--115

LABORATORY DUPLICATE

LD:WG100214-3 L47190-4 Matrix: STORM WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	2.39	2.38	0		20
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	0.423	0.377	11		20
Calcium, Total, ICP-MS	10	50	ug/L	12000	11600	3		20
Chromium, Total, ICP-MS	0.2	1	ug/L	10.1	10.1	0		20
Copper, Total, ICP-MS	0.4	2	ug/L	58.3	57.6	1		20
Iron, Total, ICP-MS	10	10	ug/L	4770	4710	1		20
Lead, Total, ICP-MS	0.1	0.5	ug/L	28.6	27.9	2		20
Magnesium, Total, ICP-MS	10	50	ug/L	3130	3070	2		20
Manganese, Total, ICP-MS	0.1	0.5	ug/L	121	118	2		20
Nickel, Total, ICP-MS	0.1	0.5	ug/L	8.08	7.97	1		20
Silver, Total, ICP-MS	0.05	0.25	ug/L	0.482	0.467	3		20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	185	183	1		20

MATRIX SPIKE

MS:WG100214-4 L47190-4 Matrix: STORM WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	2.39	20	23.8	107		75--125
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	0.423	20	21.9	108		75--125
Calcium, Total, ICP-MS	10	50	ug/L	12000	5000	17000	100		75--125
Chromium, Total, ICP-MS	0.2	1	ug/L	10.1	20	33.1	115		75--125

LIMSView Analytical QC Report - Total Metals

Copper, Total, ICP-MS	0.4	2	ug/L	58.3	20	79.8	108	75--125
Iron, Total, ICP-MS	10	10	ug/L	4770	5000	10200	109	75--125
Lead, Total, ICP-MS	0.1	0.5	ug/L	28.6	20	50	107	75--125
Magnesium, Total, ICP-MS	10	50	ug/L	3130	5000	8010	98	75--125
Manganese, Total, ICP-MS	0.1	0.5	ug/L	121	20	143		(No MS/MSD %Rec. due to 4x rule)
Nickel, Total, ICP-MS	0.1	0.5	ug/L	8.08	20	30.7	113	75--125
Silver, Total, ICP-MS	0.05	0.25	ug/L	0.482	20	22.5	110	75--125
Zinc, Total, ICP-MS	0.5	2.5	ug/L	185	20	203		(No MS/MSD %Rec. due to 4x rule)

WG101567

METHOD BLANK

MB:WG101567-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	Qual
Antimony, Total, ICP-MS	0.3	1	ug/L	<MDL	
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Barium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	
Beryllium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	
Calcium, Total, ICP-MS	10	50	ug/L	<MDL	
Chromium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Cobalt, Total, ICP-MS	0.05	0.25	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Total, ICP-MS	10	50	ug/L	<MDL	
Lead, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Magnesium, Total, ICP-MS	10	50	ug/L	<MDL	
Manganese, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Nickel, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Potassium, Total, ICP-MS	100	500	ug/L	<MDL	
Selenium, Total, ICP-MS	0.5	2.5	ug/L	<MDL	
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL	
Sodium, Total, ICP-MS	20	100	ug/L	<MDL	
Thallium, Total, ICP-MS	0.04	0.2	ug/L	<MDL	
Vanadium, Total, ICP-MS	0.075	0.375	ug/L	<MDL	
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	

SPIKE BLANK

SB:WG101567-2 MB:WG101567-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.3	1	ug/L	<MDL	20	20.2	101		85--115
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.4	102		85--115
Barium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.2	96		85--115
Beryllium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.5	102		85--115
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	20.5	102		85--115

LIMSView Analytical QC Report - Total Metals

Calcium, Total, ICP-MS	10	50	ug/L	<MDL	5000	5080	102	85--115
Chromium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.7	103	85--115
Cobalt, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	20.4	102	85--115
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20.9	104	85--115
Iron, Total, ICP-MS	10	50	ug/L	<MDL	5000	5180	104	85--115
Lead, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.7	104	85--115
Magnesium, Total, ICP-MS	10	50	ug/L	<MDL	5000	5110	102	85--115
Manganese, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.1	100	85--115
Nickel, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.8	104	85--115
Potassium, Total, ICP-MS	100	500	ug/L	<MDL	5000	5000	100	85--115
Selenium, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	21.5	107	85--115
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	20.4	102	85--115
Sodium, Total, ICP-MS	20	100	ug/L	<MDL	5000	5160	103	85--115
Thallium, Total, ICP-MS	0.04	0.2	ug/L	<MDL	20	20	100	85--115
Vanadium, Total, ICP-MS	0.075	0.375	ug/L	<MDL	20	20.5	102	85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	22	110	85--115

LABORATORY DUPLICATE

LD:WG101567-3 L47656-3 Matrix: GRND WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Antimony, Total, ICP-MS	0.3	1	ug/L	<MDL	<MDL			20
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	5.25	5.39	3		20
Barium, Total, ICP-MS	0.05	0.25	ug/L	4.36	4.56	4		20
Beryllium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	<MDL			20
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL			20
Calcium, Total, ICP-MS	10	50	ug/L	16200	16400	1		20
Chromium, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Cobalt, Total, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL			20
Copper, Total, ICP-MS	0.4	2	ug/L	2.71	2.66	2		20
Iron, Total, ICP-MS	10	50	ug/L	21	22			20
Lead, Total, ICP-MS	0.1	0.5	ug/L	0.25	0.25			20
Magnesium, Total, ICP-MS	10	50	ug/L	4400	4420	0		20
Manganese, Total, ICP-MS	0.1	0.5	ug/L	33.6	33.8	1		20
Nickel, Total, ICP-MS	0.1	0.5	ug/L	0.17	0.18			20
Potassium, Total, ICP-MS	100	500	ug/L	1450	1440	1		20
Selenium, Total, ICP-MS	0.5	2.5	ug/L	<MDL	<MDL			20
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL	<MDL			20
Sodium, Total, ICP-MS	20	100	ug/L	26000	27100	4		20
Thallium, Total, ICP-MS	0.04	0.2	ug/L	<MDL	<MDL			20
Vanadium, Total, ICP-MS	0.075	0.375	ug/L	0.34	0.39	15		20
Zinc, Total, ICP-MS	0.5	2.5	ug/L	3.18	3.26	2		20

LIMSView Analytical QC Report - Total Metals

MATRIX SPIKE

MS:WG101567-4 L47656-3 Matrix: GRND WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.3	1	ug/L	<MDL	20	20.1	101		75--125
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	5.25	20	25.1	99		75--125
Barium, Total, ICP-MS	0.05	0.25	ug/L	4.36	20	24	98		75--125
Beryllium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	18.1	91		75--125
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.9	99		75--125
Calcium, Total, ICP-MS	10	50	ug/L	16200	5000	20800	91		75--125
Chromium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19	95		75--125
Cobalt, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	20.7	103		75--125
Copper, Total, ICP-MS	0.4	2	ug/L	2.71	20	23.5	104		75--125
Iron, Total, ICP-MS	10	50	ug/L	21	5000	5160	103		75--125
Lead, Total, ICP-MS	0.1	0.5	ug/L	0.25	20	20.6	102		75--125
Magnesium, Total, ICP-MS	10	50	ug/L	4400	5000	8720	86		75--125
Manganese, Total, ICP-MS	0.1	0.5	ug/L	33.6	20	55.4	109		75--125
Nickel, Total, ICP-MS	0.1	0.5	ug/L	0.17	20	18.7	93		75--125
Potassium, Total, ICP-MS	100	500	ug/L	1450	5000	5920	89		75--125
Selenium, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	19.6	98		75--125
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	20.3	102		75--125
Sodium, Total, ICP-MS	20	100	ug/L	26000	5000	32000			(No MS/MSD %Rec. due to 4x rule)
Thallium, Total, ICP-MS	0.04	0.2	ug/L	<MDL	20	20.8	104		75--125
Vanadium, Total, ICP-MS	0.075	0.375	ug/L	0.34	20	19	93		75--125
Zinc, Total, ICP-MS	0.5	2.5	ug/L	3.18	20	23.4	101		75--125

WG101679

METHOD BLANK

MB:WG101679-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	Qual
Antimony, Total, ICP-MS	0.3	1	ug/L	<MDL	
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Barium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	
Beryllium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	
Calcium, Total, ICP-MS	10	50	ug/L	<MDL	
Chromium, Total, ICP-MS	0.2	1	ug/L	<MDL	
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	
Iron, Total, ICP-MS	10	50	ug/L	<MDL	
Lead, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Magnesium, Total, ICP-MS	10	50	ug/L	<MDL	
Manganese, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Nickel, Total, ICP-MS	0.1	0.5	ug/L	<MDL	
Selenium, Total, ICP-MS	0.5	2.5	ug/L	<MDL	

LIMSView Analytical QC Report - Total Metals

Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL
Thallium, Total, ICP-MS	0.04	0.2	ug/L	<MDL
Titanium, Total, ICP-MS	0.5	2.5	ug/L	<MDL
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL

SPIKE BLANK

SB:WG101679-2 MB:WG101679-1 Matrix: BLANK WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.3	1	ug/L	<MDL	20	19.8	99		85--115
Arsenic, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.2	101		85--115
Barium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	18.5	93		85--115
Beryllium, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.2	101		85--115
Cadmium, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	20.1	101		85--115
Calcium, Total, ICP-MS	10	50	ug/L	<MDL	5000	4820	96		85--115
Chromium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	19.6	98		85--115
Copper, Total, ICP-MS	0.4	2	ug/L	<MDL	20	20.9	105		85--115
Iron, Total, ICP-MS	10	50	ug/L	<MDL	5000	5040	101		85--115
Lead, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.3	101		85--115
Magnesium, Total, ICP-MS	10	50	ug/L	<MDL	5000	5120	102		85--115
Manganese, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	19.9	100		85--115
Nickel, Total, ICP-MS	0.1	0.5	ug/L	<MDL	20	20.8	104		85--115
Selenium, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.8	104		85--115
Silver, Total, ICP-MS	0.05	0.25	ug/L	<MDL	20	19.7	99		85--115
Thallium, Total, ICP-MS	0.04	0.2	ug/L	<MDL	20	19.9	100		85--115
Titanium, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	19.1	95		85--115
Zinc, Total, ICP-MS	0.5	2.5	ug/L	<MDL	20	20.9	105		85--115

LABORATORY DUPLICATE

LD:WG101679-3 L47597-5 Matrix: STORM WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Calcium, Total, ICP-MS	10	50	ug/L	10300	10400	1		20
Iron, Total, ICP-MS	10	50	ug/L	7190	7200	0		20
Magnesium, Total, ICP-MS	10	50	ug/L	2740	2770	1		20
Manganese, Total, ICP-MS	0.1	0.5	ug/L	148	147	1		20
Silver, Total, ICP-MS	0.05	0.25	ug/L	3	2.91	3		20

MATRIX SPIKE

MS:WG101679-4 L47597-5 Matrix: STORM WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Calcium, Total, ICP-MS	10	50	ug/L	10300	5000	15500	104		75--125
Iron, Total, ICP-MS	10	50	ug/L	7190	5000	12000	96		75--125
Magnesium, Total, ICP-MS	10	50	ug/L	2740	5000	7960	104		75--125
Manganese, Total, ICP-MS	0.1	0.5	ug/L	148	20	169			(No MS/MSD %Rec. due to 4x rule)
Silver, Total, ICP-MS	0.05	0.25	ug/L	3	20	21	90		75--125

LIMSView Analytical QC Report - Total Metals

LABORATORY DUPLICATE

LD:WG101679-5 L47431-1 Matrix: STORM WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
Antimony, Total, ICP-MS	0.6	2	ug/L	1.1	1			20
Arsenic, Total, ICP-MS	0.2	1	ug/L	2.41	2.42	1		20
Barium, Total, ICP-MS	0.1	0.5	ug/L	26.9	26.7	1		20
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	<MDL			20
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	0.13	0.13			20
Chromium, Total, ICP-MS	0.4	2	ug/L	3.48	3.43	1		20
Copper, Total, ICP-MS	0.8	4	ug/L	28.6	26.9	6		20
Lead, Total, ICP-MS	0.2	1	ug/L	8.89	8.84	1		20
Nickel, Total, ICP-MS	0.2	1	ug/L	4.31	4.22	2		20
Selenium, Total, ICP-MS	1	5	ug/L	1.1	<MDL			20
Silver, Total, ICP-MS	0.1	0.5	ug/L	0.29	0.28			20
Thallium, Total, ICP-MS	0.08	0.4	ug/L	<MDL	<MDL			20
Zinc, Total, ICP-MS	1	5	ug/L	62.9	62.3	1		20

MATRIX SPIKE

MS:WG101679-6 L47431-1 Matrix: STORM WTR Listtype: MTICPMS Method: EPA 200.8*SW846 6020A

(Matrix Spike)

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit
Antimony, Total, ICP-MS	0.6	2	ug/L	1.1	20	20.1	95		75--125
Arsenic, Total, ICP-MS	0.2	1	ug/L	2.41	20	20.1	88		75--125
Barium, Total, ICP-MS	0.1	0.5	ug/L	26.9	20	46.6	99		75--125
Beryllium, Total, ICP-MS	0.2	1	ug/L	<MDL	20	20.7	103		75--125
Cadmium, Total, ICP-MS	0.1	0.5	ug/L	0.13	20	17.4	86		75--125
Chromium, Total, ICP-MS	0.4	2	ug/L	3.48	20	23.6	101		75--125
Copper, Total, ICP-MS	0.8	4	ug/L	28.6	20	49.8	106		75--125
Lead, Total, ICP-MS	0.2	1	ug/L	8.89	20	26.9	90		75--125
Nickel, Total, ICP-MS	0.2	1	ug/L	4.31	20	21	83		75--125
Selenium, Total, ICP-MS	1	5	ug/L	1.1	20	17.5	82		75--125
Silver, Total, ICP-MS	0.1	0.5	ug/L	0.29	20	18.9	93		75--125
Thallium, Total, ICP-MS	0.08	0.4	ug/L	<MDL	20	16.7	83		75--125
Zinc, Total, ICP-MS	1	5	ug/L	62.9	20	78	76		75--125

Attachment C
Trace Organic Analyses
LIMS Batch Reports and Analytical QC Reports

LIMSView Batch Report - Chlorinated Pesticides

WG100167

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47190-2	423589-090-1	ORCLPEST	STORM WTR	1/7/2009 18:15	1/12/2009 9:00	1/29/2009 20:44	WG100167-1, -2, -3, -4	
WG100167-1	MB	ORCLPEST	BLANK WTR		1/12/2009 9:00	1/29/2009 17:00	WG100167-1, -2, -3, -4	MB090112
WG100167-2	SB	ORCLPEST	BLANK WTR		1/12/2009 9:00	1/29/2009 17:38	WG100167-1, -2, -3, -4	WG100167-1
WG100167-3	MS	ORCLPEST	STORM WTR		1/12/2009 9:00	1/29/2009 18:15	WG100167-1, -2, -3, -4	L47190-2
WG100167-4	MSD	ORCLPEST	STORM WTR		1/12/2009 9:00	1/29/2009 18:52	WG100167-1, -2, -3, -4	WG100167-3 L47190-2

WG101393

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47597-3	423589-090-1	ORCLPEST	STORM WTR	4/2/2009 19:28	4/6/2009 10:30	4/25/2009 20:44	WG101393-1, -2, -3, -4	
L47597-4	423589-090-1	ORCLPEST	STORM WTR	4/2/2009 19:28	4/6/2009 10:30	4/25/2009 21:21	WG101393-1, -2, -3, -4	FREP @ L47597-3
L47597-5	423589-090-1	ORCLPEST	STORM WTR	4/2/2009 17:53	4/6/2009 10:30	4/25/2009 21:58	WG101393-1, -2, -3, -4	
WG101393-1	MB	ORCLPEST	BLANK WTR		4/6/2009 10:30	4/25/2009 18:15	WG101393-1, -2, -3, -4	MB090406
WG101393-2	SB	ORCLPEST	BLANK WTR		4/6/2009 10:30	4/25/2009 18:52	WG101393-1, -2, -3, -4	WG101393-1
WG101393-3	MS	ORCLPEST	STORM WTR		4/6/2009 10:30	4/25/2009 19:29	WG101393-1, -2, -3, -4	L47597-4
WG101393-4	MSD	ORCLPEST	STORM WTR		4/6/2009 10:30	4/25/2009 20:07	WG101393-1, -2, -3, -4	WG101393-3 L47597-4

WG101546

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47834-1	423589-090-1	ORCLPEST	STORM WTR	4/12/2009 17:13	4/14/2009 9:00	4/16/2009 22:37	WG101546-1, -2, WG101393-3, -4	
L47834-2	423589-090-1	ORCLPEST	STORM WTR	4/12/2009 17:13	4/14/2009 9:00	4/16/2009 23:14	WG101546-1, -2, WG101393-3, -4	
L47834-3	423589-090-1	ORCLPEST	STORM WTR	4/12/2009 16:42	4/14/2009 9:00	4/16/2009 23:51	WG101546-1, -2, WG101393-3, -4	
WG101546-1	MB	ORCLPEST	BLANK WTR		4/14/2009 9:00	4/16/2009 20:08	WG101546-1, -2, WG101393-3, -4	MB090414
WG101546-2	SB	ORCLPEST	BLANK WTR		4/14/2009 9:00	4/16/2009 20:45	WG101546-1, -2, WG101393-3, -4	WG101546-1
WG101393-3	MS	ORCLPEST	STORM WTR		4/6/2009 10:30	4/25/2009 19:29		L47597-4
WG101393-4	MSD	ORCLPEST	STORM WTR		4/6/2009 10:30	4/25/2009 20:07		WG101393-3 L47597-4

LIMSView Analytical QC Report - Chlorinated Pesticides

WG100167

METHOD BLANK

MB:WG100167-1 Matrix: BLANK WTR Listtype: ORCLPEST Method: SW846 3520C*SW846 8081B

Parameter	MDL	RDL	Units	MB Value	Qual
4,4'-DDD	0.025	0.05	ug/L	<MDL	
4,4'-DDE	0.025	0.05	ug/L	<MDL	
4,4'-DDT	0.025	0.05	ug/L	<MDL	
Aldrin	0.025	0.05	ug/L	<MDL	
Alpha-BHC	0.025	0.05	ug/L	<MDL	
Alpha-Chlordane	0.13	0.25	ug/L	<MDL	
Beta-BHC	0.025	0.05	ug/L	<MDL	
Chlordane	0.13	0.25	ug/L	<MDL	
Delta-BHC	0.025	0.05	ug/L	<MDL	
Dieldrin	0.025	0.05	ug/L	<MDL	
Endosulfan I	0.025	0.05	ug/L	<MDL	
Endosulfan II	0.025	0.05	ug/L	<MDL	
Endosulfan Sulfate	0.025	0.05	ug/L	<MDL	
Endrin	0.025	0.05	ug/L	<MDL	
Endrin Aldehyde	0.025	0.05	ug/L	<MDL	
Gamma-BHC (Lindane)	0.025	0.05	ug/L	<MDL	
Gamma-Chlordane	0.13	0.25	ug/L	<MDL	
Heptachlor	0.025	0.05	ug/L	<MDL	
Heptachlor Epoxide	0.025	0.05	ug/L	<MDL	
Methoxychlor	0.13	0.25	ug/L	<MDL	
Toxaphene	0.25	0.5	ug/L	<MDL	

SPIKE BLANK

SB:WG100167-2 MB:WG100167-1 Matrix: BLANK WTR Listtype: ORCLPEST Method: SW846 3520C*SW846 8081B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
4,4'-DDT	0.025	0.05	ug/L	<MDL	0.4	0.043	11	*	23--134
Aldrin	0.025	0.05	ug/L	<MDL	0.4	0.303	76		34--132
Dieldrin	0.025	0.05	ug/L	<MDL	0.4	0.392	98		31--134
Endrin	0.025	0.05	ug/L	<MDL	0.4	0.416	104		42--139
Gamma-BHC (Lindane)	0.025	0.05	ug/L	<MDL	0.4	0.109	27	*	46--127
Heptachlor	0.025	0.05	ug/L	<MDL	0.4	0.332	83		35--130

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG100167-4 MS:WG100167-3 L47190-2 Matrix: STORM WTR Listtype: ORCLPEST Method: SW846 3520C*SW846 8081B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
4,4'-DDT	0.024	0.0472	ug/L	<MDL	0.377	0.316	84		23--134	0.377	0.31	82		2		50
Aldrin	0.024	0.0472	ug/L	<MDL	0.377	0.299	79		34--132	0.377	0.317	84		6		43
Dieldrin	0.024	0.0472	ug/L	<MDL	0.377	0.308	82		31--134	0.377	0.338	90		9		38
Endrin	0.024	0.0472	ug/L	<MDL	0.377	0.33	88		42--139	0.377	0.367	97		10		45
Gamma-BHC (Lindane)	0.024	0.0472	ug/L	<MDL	0.377	0.278	74		46--127	0.377	0.309	82		10		50
Heptachlor	0.024	0.0472	ug/L	<MDL	0.377	0.323	86		35--130	0.377	0.346	92		7		31

LIMSView Analytical QC Report - Chlorinated Pesticides

SURROGATES

Surrogate: (Lab Limits)	2,4,5,6-Tetrachloro-m-xylene 10--118	Decachlorobiphenyl 12--158
L47190-2	94	79
WG100167-1	84	102
WG100167-2	80	90
WG100167-3	84	76
WG100167-4	94	78

WG101393

METHOD BLANK

MB:WG101393-1 Matrix: BLANK WTR Listtype: ORCLPEST Method: SW846 3520C*SW846 8081B

Parameter	MDL	RDL	Units	MB Value	Qual
4,4'-DDD	0.025	0.05	ug/L	<MDL	
4,4'-DDE	0.025	0.05	ug/L	<MDL	
4,4'-DDT	0.025	0.05	ug/L	<MDL	
Aldrin	0.025	0.05	ug/L	<MDL	
Alpha-BHC	0.025	0.05	ug/L	<MDL	
Alpha-Chlordane	0.13	0.25	ug/L	<MDL	
Beta-BHC	0.025	0.05	ug/L	<MDL	
Chlordane	0.13	0.25	ug/L	<MDL	
Delta-BHC	0.025	0.05	ug/L	<MDL	
Dieldrin	0.025	0.05	ug/L	<MDL	
Endosulfan I	0.025	0.05	ug/L	<MDL	
Endosulfan II	0.025	0.05	ug/L	<MDL	
Endosulfan Sulfate	0.025	0.05	ug/L	<MDL	
Endrin	0.025	0.05	ug/L	<MDL	
Endrin Aldehyde	0.025	0.05	ug/L	<MDL	
Gamma-BHC (Lindane)	0.025	0.05	ug/L	<MDL	
Gamma-Chlordane	0.13	0.25	ug/L	<MDL	
Heptachlor	0.025	0.05	ug/L	<MDL	
Heptachlor Epoxide	0.025	0.05	ug/L	<MDL	
Methoxychlor	0.13	0.25	ug/L	<MDL	
Toxaphene	0.25	0.5	ug/L	<MDL	

SPIKE BLANK

SB:WG101393-2 MB:WG101393-1 Matrix: BLANK WTR Listtype: ORCLPEST Method: SW846 3520C*SW846 8081B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
4,4'-DDT	0.025	0.05	ug/L	<MDL	0.4	0.37	93		23--134
Aldrin	0.025	0.05	ug/L	<MDL	0.4	0.284	71		34--132
Dieldrin	0.025	0.05	ug/L	<MDL	0.4	0.39	98		31--134
Endrin	0.025	0.05	ug/L	<MDL	0.4	0.395	99		42--139
Gamma-BHC (Lindane)	0.025	0.05	ug/L	<MDL	0.4	0.322	80		46--127
Heptachlor	0.025	0.05	ug/L	<MDL	0.4	0.323	81		35--130

LIMSView Analytical QC Report - Chlorinated Pesticides

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG101393-4 MS:WG101393-3 L47597-4 Matrix: STORM WTR Listtype: ORCLPEST Method: SW846 3520C*SW846 8081B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
4,4'-DDT	0.024	0.0472	ug/L	<MDL	0.377	0.397	105		23--134	0.377	0.308	82		25		50
Aldrin	0.024	0.0472	ug/L	<MDL	0.377	0.324	86		34--132	0.377	0.299	79		8		43
Dieldrin	0.024	0.0472	ug/L	<MDL	0.377	0.411	109		31--134	0.377	0.344	91		18		38
Endrin	0.024	0.0472	ug/L	<MDL	0.377	0.432	115		42--139	0.377	0.374	99		15		45
Gamma-BHC (Lindane)	0.024	0.0472	ug/L	<MDL	0.377	0.367	97		46--127	0.377	0.285	76		24		50
Heptachlor	0.024	0.0472	ug/L	<MDL	0.377	0.388	103		35--130	0.377	0.351	93		10		31

SURROGATES

Surrogate:	2,4,5,6-Tetrachloro-m-xylene	Decachlorobiphenyl
(Lab Limits)	10--118	12--158
L47597-3	59	59
L47597-4	65	77
L47597-5	57	52
WG101393-1	47	62
WG101393-2	54	82
WG101393-3	65	87
WG101393-4	62	72

WG101546

METHOD BLANK

MB:WG101546-1 Matrix: BLANK WTR Listtype: ORCLPEST Method: SW846 3520C*SW846 8081B

Parameter	MDL	RDL	Units	MB Value	Qual
4,4'-DDD	0.025	0.05	ug/L	<MDL	
4,4'-DDE	0.025	0.05	ug/L	<MDL	
4,4'-DDT	0.025	0.05	ug/L	<MDL	
Aldrin	0.025	0.05	ug/L	<MDL	
Alpha-BHC	0.025	0.05	ug/L	<MDL	
Alpha-Chlordane	0.13	0.25	ug/L	<MDL	
Beta-BHC	0.025	0.05	ug/L	<MDL	
Chlordane	0.13	0.25	ug/L	<MDL	
Delta-BHC	0.025	0.05	ug/L	<MDL	
Dieldrin	0.025	0.05	ug/L	<MDL	
Endosulfan I	0.025	0.05	ug/L	<MDL	
Endosulfan II	0.025	0.05	ug/L	<MDL	
Endosulfan Sulfate	0.025	0.05	ug/L	<MDL	
Endrin	0.025	0.05	ug/L	<MDL	
Endrin Aldehyde	0.025	0.05	ug/L	<MDL	
Gamma-BHC (Lindane)	0.025	0.05	ug/L	<MDL	
Gamma-Chlordane	0.13	0.25	ug/L	<MDL	
Heptachlor	0.025	0.05	ug/L	<MDL	
Heptachlor Epoxide	0.025	0.05	ug/L	<MDL	
Methoxychlor	0.13	0.25	ug/L	<MDL	
Toxaphene	0.25	0.5	ug/L	<MDL	

LIMSView Analytical QC Report - Chlorinated Pesticides

SPIKE BLANK

SB:WG101546-2 MB:WG101546-1 Matrix: BLANK WTR Listtype: ORCLPEST Method: SW846 3520C*SW846 8081B

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
4,4'-DDT	0.025	0.05	ug/L	<MDL	0.4	0.238	59		23--134
Aldrin	0.025	0.05	ug/L	<MDL	0.4	0.276	69		34--132
Dieldrin	0.025	0.05	ug/L	<MDL	0.4	0.333	83		31--134
Endrin	0.025	0.05	ug/L	<MDL	0.4	0.351	88		42--139
Gamma-BHC (Lindane)	0.025	0.05	ug/L	<MDL	0.4	0.304	76		46--127
Heptachlor	0.025	0.05	ug/L	<MDL	0.4	0.298	74		35--130

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG101393-4 MS:WG101393-3 L47597-4 Matrix: STORM WTR Listtype: ORCLPEST Method: SW846 3520C*SW846 8081B

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
4,4'-DDT	0.024	0.0472	ug/L	<MDL	0.377	0.397	105		23--134	0.377	0.308	82		25		50
Aldrin	0.024	0.0472	ug/L	<MDL	0.377	0.324	86		34--132	0.377	0.299	79		8		43
Dieldrin	0.024	0.0472	ug/L	<MDL	0.377	0.411	109		31--134	0.377	0.344	91		18		38
Endrin	0.024	0.0472	ug/L	<MDL	0.377	0.432	115		42--139	0.377	0.374	99		15		45
Gamma-BHC (Lindane)	0.024	0.0472	ug/L	<MDL	0.377	0.367	97		46--127	0.377	0.285	76		24		50
Heptachlor	0.024	0.0472	ug/L	<MDL	0.377	0.388	103		35--130	0.377	0.351	93		10		31

SURROGATES

Surrogate: (Lab Limits)	2,4,5,6-Tetrachloro-m-xylene 10--118	Decachlorobiphenyl 12--158
L47834-1	63	56
L47834-2	66	64
L47834-3	55	50
WG101546-1	60	63
WG101546-2	50	49

LIMSView Batch Report - Semivolatile Organic Compounds

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L42798-1	423589-090-1	ORPAHPHTH-SUR	BLANK WTR	5/24/2007 11:30	31-May-07	4-Jun-07	WG91709-1, -2, -3	
WG91709-1	MB	ORPAHPHTH-SUR	BLANK WTR		31-May-07	4-Jun-07	WG91709-1, -2, -3	MB070531
WG91709-2	SB	ORPAHPHTH-SUR	BLANK WTR		31-May-07	4-Jun-07	WG91709-1, -2, -3	WG91709-1
WG91709-3	LD	ORPAHPHTH-SUR	BLANK WTR		31-May-07	4-Jun-07	WG91709-1, -2, -3	L42798-1

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L43790-1	423589-090-1	ORPAHPHTH-SUR	STORM WTR	9/4/2007 8:17	11-Sep-07	13-Sep-07	WG93287-1, -2, -3	
WG93287-1	MB	ORPAHPHTH-SUR	BLANK WTR		11-Sep-07	13-Sep-07	WG93287-1, -2, -3	MB070911
WG93287-2	SB	ORPAHPHTH-SUR	BLANK WTR		11-Sep-07	13-Sep-07	WG93287-1, -2, -3	WG93287-1
WG93287-3	SBD	ORPAHPHTH-SUR	BLANK WTR		11-Sep-07	13-Sep-07	WG93287-1, -2, -3	WG93287-2 WG93287-1

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L43912-1	423589-090-1	ORPAHPHTH-SUR	BLANK WTR	9/13/2007 16:25	17-Sep-07	1-Oct-07	WG93373-1, -2, -3, -4	
WG93373-1	MB	ORPAHPHTH-SUR	BLANK WTR		17-Sep-07	1-Oct-07	WG93373-1, -2, -3, -4	MB070917
WG93373-2	SB	ORPAHPHTH-SUR	BLANK WTR		17-Sep-07	1-Oct-07	WG93373-1, -2, -3, -4	WG93373-1
WG93373-3	MS	ORPAHPHTH-SUR	BLANK WTR		17-Sep-07	1-Oct-07	WG93373-1, -2, -3, -4	L43912-1
WG93373-4	MSD	ORPAHPHTH-SUR	BLANK WTR		17-Sep-07	1-Oct-07	WG93373-1, -2, -3, -4	WG93373-3 L43912-1

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L43913-1	423589-090-1	ORPAHPHTH-SUR	STORM WTR	9/30/2007 7:27	5-Oct-07	16-Oct-07	WG93671-1, -2, -3, -4	
WG93671-1	MB	ORPAHPHTH-SUR	BLANK WTR		5-Oct-07	16-Oct-07	WG93671-1, -2, -3, -4	MB071005
WG93671-2	SB	ORPAHPHTH-SUR	BLANK WTR		5-Oct-07	16-Oct-07	WG93671-1, -2, -3, -4	WG93671-1
WG93671-3	MS	ORPAHPHTH-SUR	STORM WTR		5-Oct-07	16-Oct-07	WG93671-1, -2, -3, -4	L43913-1
WG93671-4	MSD	ORPAHPHTH-SUR	STORM WTR		5-Oct-07	16-Oct-07	WG93671-1, -2, -3, -4	WG93671-3 L43913-1

Sample	Project	List Type	Matrix	Col. Date	Prep Date	Analysis Date	QC Association	Comments
L44132-1	423589-090-1	ORPAHPHTH-SUR	BLANK WTR	10/19/2007 11:10	25-Oct-07	29-Oct-07	WG94009-1, -2, -3	
WG94009-1	MB	ORPAHPHTH-SUR	BLANK WTR		25-Oct-07	29-Oct-07	WG94009-1, -2, -3	MB071025
WG94009-2	SB	ORPAHPHTH-SUR	BLANK WTR		25-Oct-07	29-Oct-07	WG94009-1, -2, -3	WG94009-1
WG94009-3	SBD	ORPAHPHTH-SUR	BLANK WTR		25-Oct-07	29-Oct-07	WG94009-1, -2, -3	WG94009-2 WG94009-1

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WG94585

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44133-1	423589-090-1	ORPAHPHTH-SUR	STORM WTR	12/2/2007 18:55	4-Dec-07	10-Dec-07	WG94585-1, -2, -3, -4	
L44133-2	423589-090-1	ORPAHPHTH-SUR	STORM WTR	12/2/2007 11:44	4-Dec-07	10-Dec-07	WG94585-1, -2, -3, -4	
L44133-3	423589-090-1	ORPAHPHTH-SUR	STORM WTR	12/2/2007 11:24	4-Dec-07	10-Dec-07	WG94585-1, -2, -3, -4	
L44133-4	423589-090-1	ORPAHPHTH-SUR	STORM WTR	12/2/2007 11:24	4-Dec-07	10-Dec-07	WG94585-1, -2, -3, -4	
WG94585-1	MB	ORPAHPHTH-SUR	BLANK WTR		4-Dec-07	10-Dec-07	WG94585-1, -2, -3, -4	MB071204
WG94585-2	SB	ORPAHPHTH-SUR	BLANK WTR		4-Dec-07	10-Dec-07	WG94585-1, -2, -3, -4	WG94585-1
WG94585-3	MS	ORPAHPHTH-SUR	STORM WTR		4-Dec-07	10-Dec-07	WG94585-1, -2, -3, -4	L44133-1
WG94585-4	MSD	ORPAHPHTH-SUR	STORM WTR		4-Dec-07	10-Dec-07	WG94585-1, -2, -3, -4	WG94585-1 L44133-1

WG95250

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44913-1	423589-090-1	ORPAHPHTH-SUR	BLANK WTR	1/28/2008 11:50	4-Feb-08	11-Feb-08	WG95250-1, -2, -3	FLDBLK @ P44914-3 & 4
WG95250-1	MB	ORPAHPHTH-SUR	BLANK WTR		4-Feb-08	11-Feb-08	WG95250-1, -2, -3	MB080204
WG95250-2	SB	ORPAHPHTH-SUR	BLANK WTR		4-Feb-08	11-Feb-08	WG95250-1, -2, -3	WG95250-1
WG95250-3	SBD	ORPAHPHTH-SUR	BLANK WTR		4-Feb-08	11-Feb-08	WG95250-1, -2, -3	WG95250-2 WG95250-1

WG96892

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L44912-6	423589-090-1	ORPAHPHTH-SUR	STORM WTR	6/3/2008 9:09	4-Jun-08	6-Jun-08	WG96892-1, -2, -3	
WG96892-1	MB	ORPAHPHTH-SUR	BLANK WTR		4-Jun-08	6-Jun-08	WG96892-1, -2, -3	MB080604
WG96892-2	SB	ORPAHPHTH-SUR	BLANK WTR		4-Jun-08	6-Jun-08	WG96892-1, -2, -3	WG96892-1
WG96892-3	SBD	ORPAHPHTH-SUR	BLANK WTR		4-Jun-08	6-Jun-08	WG96892-1, -2, -3	WG96892-2 WG96892-1

WG96925

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L45805-1	423589-090-1	ORPAHPHTH-SUR	BLANK WTR	6/5/2008 10:20	5-Jun-08	9-Jun-08	WG96925-1	FLDBLK for P45811
WG96925-1	MB	ORPAHPHTH-SUR	BLANK WTR		5-Jun-08	9-Jun-08	WG96925-1	MB080605

WG98198

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L45811-1	423589-090-1	ORPAHPHTH-SUR	STORM WTR	8/19/2008 22:14	21-Aug-08	29-Aug-08	WG98198-1, -2, -3, -4	
L45811-3	423589-090-1	ORPAHPHTH-SUR	STORM WTR	8/20/2008 1:35	21-Aug-08	29-Aug-08	WG98198-1, -2, -3, -4	
L45811-6	423589-090-1	ORPAHPHTH-SUR	STORM WTR	8/20/2008 1:01	21-Aug-08	29-Aug-08	WG98198-1, -2, -3, -4	
WG98198-1	MB	ORPAHPHTH-SUR	BLANK WTR		21-Aug-08	29-Aug-08	WG98198-1, -2, -3, -4	MB080821
WG98198-2	SB	ORPAHPHTH-SUR	BLANK WTR		21-Aug-08	29-Aug-08	WG98198-1, -2, -3, -4	WG98198-1
WG98198-3	MS	ORPAHPHTH-SUR	STORM WTR		21-Aug-08	29-Aug-08	WG98198-1, -2, -3, -4	L45811-1
WG98198-4	MSD	ORPAHPHTH-SUR	STORM WTR		21-Aug-08	29-Aug-08	WG98198-1, -2, -3, -4	WG98198-3 L45811-1

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WG99452

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L46418-3	423589-090-1	ORPAHPHTH-SUR	STORM WTR	11/4/2008 5:34	5-Nov-08	7-Nov-08	WG99452-1, -2, -3, -4	
L46418-6	423589-090-1	ORPAHPHTH-SUR	STORM WTR	11/4/2008 4:14	5-Nov-08	7-Nov-08	WG99452-1, -2, -3, -4	
WG99452-1	MB	ORPAHPHTH-SUR	BLANK WTR		5-Nov-08	7-Nov-08	WG99452-1, -2, -3, -4	MB081105
WG99452-2	SB	ORPAHPHTH-SUR	BLANK WTR		5-Nov-08	7-Nov-08	WG99452-1, -2, -3, -4	WG99452-1
WG99452-3	MS	ORPAHPHTH-SUR	STORM WTR		5-Nov-08	7-Nov-08	WG99452-1, -2, -3, -4	L46418-3
WG99452-4	MSD	ORPAHPHTH-SUR	STORM WTR		5-Nov-08	7-Nov-08	WG99452-1, -2, -3, -4	WG99452-3 L46418-3

WG99555

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L46918-1	423589-090-1	ORPAHPHTH-SUR	STORM WTR	11/6/2008 14:58	12-Nov-08	18-Nov-08	WG99555-1, -2, -3, -4	
L46918-3	423589-090-1	ORPAHPHTH-SUR	STORM WTR	11/6/2008 16:05	12-Nov-08	18-Nov-08	WG99555-1, -2, -3, -4	
L46918-5	423589-090-1	ORPAHPHTH-SUR	STORM WTR	11/6/2008 20:28	12-Nov-08	18-Nov-08	WG99555-1, -2, -3, -4	
L46918-6	423589-090-1	ORPAHPHTH-SUR	STORM WTR	11/6/2008 15:42	12-Nov-08	18-Nov-08	WG99555-1, -2, -3, -4	
WG99555-1	MB	ORPAHPHTH-SUR	BLANK WTR		12-Nov-08	18-Nov-08	WG99555-1, -2, -3, -4	MB081112
WG99555-2	SB	ORPAHPHTH-SUR	BLANK WTR		12-Nov-08	18-Nov-08	WG99555-1, -2, -3, -4	WG99555-1
WG99555-3	MS	ORPAHPHTH-SUR	STORM WTR		12-Nov-08	18-Nov-08	WG99555-1, -2, -3, -4	L46918-3
WG99555-4	MSD	ORPAHPHTH-SUR	STORM WTR		12-Nov-08	18-Nov-08	WG99555-1, -2, -3, -4	WG99555-3 L46918-3

WG100162

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47190-2	423589-090-1	ORBNA-SURLLGW	STORM WTR	1/7/2009 18:15	1/12/2009 9:00	1/22/2009 14:48	WG100162-1, -2	
WG100162-1	MB	ORBNA-SURLLGW	BLANK WTR		1/12/2009 9:00	1/22/2009 12:28	WG100162-1, -2	MB090112
WG100162-2	SB	ORBNA-SURLLGW	BLANK WTR		1/12/2009 9:00	1/22/2009 13:15	WG100162-1, -2	WG100162-1

WG100164

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47190-4	423589-090-1	ORPAHPHTH-SUR	STORM WTR	1/7/2009 19:19	1/12/2009 9:00	1/15/2009 17:42	WG100164-1, -2, -3, -4	
WG100164-1	MB	ORPAHPHTH-SUR	BLANK WTR		1/12/2009 9:00	1/15/2009 14:35	WG100164-1, -2, -3, -4	MB090112
WG100164-2	SB	ORPAHPHTH-SUR	BLANK WTR		1/12/2009 9:00	1/15/2009 15:21	WG100164-1, -2, -3, -4	WG100164-1
WG100164-3	MS	ORPAHPHTH-SUR	STORM WTR		1/12/2009 9:00	1/15/2009 16:07	WG100164-1, -2, -3, -4	L47190-4
WG100164-4	MSD	ORPAHPHTH-SUR	STORM WTR		1/12/2009 9:00	1/15/2009 16:54	WG100164-1, -2, -3, -4	WG100164-3 L47190-4

WG101390

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47597-2	423589-090-1	ORPAHPHTH-SUR	STORM WTR	4/2/2009 18:58	4/6/2009 10:30	4/9/2009 18:30	WG101390-1, -2, -3, -4	
WG101390-1	MB	ORPAHPHTH-SUR	BLANK WTR		4/6/2009 10:30	4/9/2009 10:05	WG101390-1, -2, -3, -4	MB090406
WG101390-2	SB	ORPAHPHTH-SUR	BLANK WTR		4/6/2009 10:30	4/9/2009 10:51	WG101390-1, -2, -3, -4	WG101390-1
WG101390-3	MS	ORPAHPHTH-SUR	STORM WTR		4/6/2009 10:30	4/9/2009 16:58	WG101390-1, -2, -3, -4	L47597-2
WG101390-4	MSD	ORPAHPHTH-SUR	STORM WTR		4/6/2009 10:30	4/9/2009 17:44	WG101390-1, -2, -3, -4	WG101390-3 L47597-2

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WG101391

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47597-3	423589-090-1	ORBNA-SURLLGW	STORM WTR	4/2/2009 19:28	4/6/2009 10:30	4/13/2009 14:28	WG101391-1, -2	
L47597-4	423589-090-1	ORBNA-SURLLGW	STORM WTR	4/2/2009 19:28	4/6/2009 10:30	4/13/2009 15:13	WG101391-1, -2	FREP @ L47597-3
L47597-5	423589-090-1	ORBNA-SURLLGW	STORM WTR	4/2/2009 17:53	4/6/2009 10:30	4/9/2009 16:12	WG101391-1, -2	
WG101391-1	MB	ORBNA-SURLLGW	BLANK WTR		4/6/2009 10:30	4/9/2009 11:37	WG101391-1, -2	MB090406
WG101391-2	SB	ORBNA-SURLLGW	BLANK WTR		4/6/2009 10:30	4/9/2009 12:23	WG101391-1, -2	WG101391-1

WG101538

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47834-4	423589-090-1	ORPAHPHTH-SUR	STORM WTR	4/12/2009 15:52	4/14/2009 0:00	5/1/2009 23:03	WG101538-1, -2	
WG101538-1	MB	ORPAHPHTH-SUR	BLANK WTR		4/14/2009 0:00	5/1/2009 21:31	WG101538-1, -2	MB090414
WG101538-2	SB	ORPAHPHTH-SUR	BLANK WTR		4/14/2009 0:00	5/1/2009 22:17	WG101538-1, -2	WG101538-1

WG101544

Sample	Project	List Type	Matrix	Collect Date	Prep Date	Analysis Date	QC Association	Comments
L47834-1	423589-090-1	ORBNA-SURLLGW	STORM WTR	4/12/2009 17:13	4/14/2009 9:00	5/1/2009 18:21	WG101544-1, -2	
L47834-2	423589-090-1	ORBNA-SURLLGW	STORM WTR	4/12/2009 17:13	4/14/2009 9:00	5/1/2009 19:09	WG101544-1, -2	
L47834-3	423589-090-1	ORBNA-SURLLGW	STORM WTR	4/12/2009 16:42	4/14/2009 9:00	5/1/2009 19:56	WG101544-1, -2	
WG101544-1	MB	ORBNA-SURLLGW	BLANK WTR		4/14/2009 9:00	5/1/2009 16:44	WG101544-1, -2	MB090414
WG101544-2	SB	ORBNA-SURLLGW	BLANK WTR		4/14/2009 9:00	5/1/2009 17:32	WG101544-1, -2	WG101544-1

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WG91709

METHOD BLANK

MB:WG91709-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	Qual
2-Methylnaphthalene	0.02	0.04	ug/L	<MDL	
Acenaphthene	0.02	0.04	ug/L	<MDL	
Acenaphthylene	0.02	0.04	ug/L	<MDL	
Anthracene	0.02	0.04	ug/L	<MDL	
Benzo(a)anthracene	0.02	0.04	ug/L	<MDL	
Benzo(a)pyrene	0.02	0.04	ug/L	<MDL	
Benzo(b)fluoranthene	0.02	0.04	ug/L	<MDL	
Benzo(g,h,i)perylene	0.02	0.04	ug/L	<MDL	
Benzo(k)fluoranthene	0.02	0.04	ug/L	<MDL	
Benzyl Butyl Phthalate	0.1	0.2	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.05	0.1	ug/L	0.134	B
Chrysene	0.02	0.04	ug/L	<MDL	
Di-N-Butyl Phthalate	0.05	1	ug/L	<MDL	
Di-N-Octyl Phthalate	0.05	0.1	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.02	0.04	ug/L	<MDL	
Diethyl Phthalate	0.05	0.1	ug/L	<MDL	
Dimethyl Phthalate	0.05	0.1	ug/L	<MDL	
Fluoranthene	0.02	0.04	ug/L	<MDL	
Fluorene	0.02	0.04	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.02	0.04	ug/L	<MDL	
Naphthalene	0.02	0.04	ug/L	<MDL	
Phenanthrene	0.02	0.04	ug/L	<MDL	
Pyrene	0.02	0.04	ug/L	<MDL	

SPIKE BLANK

SB:WG91709-2 MB:WG91709-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
2-Methylnaphthalene	0.02	0.04	ug/L	<MDL	2	1.01	51		50-150
Acenaphthene	0.02	0.04	ug/L	<MDL	2	1.12	56		50-150
Acenaphthylene	0.02	0.04	ug/L	<MDL	2	1.11	55		50-150
Anthracene	0.02	0.04	ug/L	<MDL	2	1.17	59		50-150
Benzo(a)anthracene	0.02	0.04	ug/L	<MDL	2	1.21	60		50-150
Benzo(a)pyrene	0.02	0.04	ug/L	<MDL	2	1.21	61		50-150
Benzo(b)fluoranthene	0.02	0.04	ug/L	<MDL	2	1.25	63		50-150
Benzo(g,h,i)perylene	0.02	0.04	ug/L	<MDL	2	1.35	67		50-150
Benzo(k)fluoranthene	0.02	0.04	ug/L	<MDL	2	1.27	63		50-150
Benzyl Butyl Phthalate	0.1	0.2	ug/L	<MDL	2	1.08	54		50-150
Bis(2-Ethylhexyl)Phthalate	0.05	0.1	ug/L	0.134	2	1.07	47	*	50-150
Chrysene	0.02	0.04	ug/L	<MDL	2	1.22	61		50-150
Di-N-Butyl Phthalate	0.05	1	ug/L	<MDL	2	0.91	45	*	50-150
Di-N-Octyl Phthalate	0.05	0.1	ug/L	<MDL	2	0.815	41	*	50-150

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Dibenzo(a,h)anthracene	0.02	0.04	ug/L	<MDL	2	1.4	70	50--150
Diethyl Phthalate	0.05	0.1	ug/L	<MDL	2	1.05	53	50--150
Dimethyl Phthalate	0.05	0.1	ug/L	<MDL	2	1.07	54	50--150
Fluoranthene	0.02	0.04	ug/L	<MDL	2	1.33	66	50--150
Fluorene	0.02	0.04	ug/L	<MDL	2	1.18	59	50--150
Indeno(1,2,3-Cd)Pyrene	0.02	0.04	ug/L	<MDL	2	1.2	60	50--150
Naphthalene	0.02	0.04	ug/L	<MDL	2	1.06	53	50--150
Phenanthrene	0.02	0.04	ug/L	<MDL	2	1.32	66	50--150
Pyrene	0.02	0.04	ug/L	<MDL	2	1.39	69	50--150

LABORATORY DUPLICATE

LD:WG91709-3 L42798-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	SampValue	LD Value	RPD^	Qual	LabLimit
2-Methylnaphthalene	0.019	0.0377	ug/L	<MDL	<MDL			100
Acenaphthene	0.019	0.0377	ug/L	<MDL	<MDL			100
Acenaphthylene	0.019	0.0377	ug/L	<MDL	<MDL			100
Anthracene	0.019	0.0377	ug/L	<MDL	<MDL			100
Benzo(a)anthracene	0.019	0.0377	ug/L	<MDL	<MDL			100
Benzo(a)pyrene	0.019	0.0377	ug/L	<MDL	<MDL			100
Benzo(b)fluoranthene	0.019	0.0377	ug/L	<MDL	<MDL			100
Benzo(g,h,i)perylene	0.019	0.0377	ug/L	<MDL	<MDL			100
Benzo(k)fluoranthene	0.019	0.0377	ug/L	<MDL	<MDL			100
Benzyl Butyl Phthalate	0.094	0.189	ug/L	<MDL	<MDL			100
Bis(2-Ethylhexyl)Phthalate	0.047	0.0943	ug/L	0.162	0.163	0		100
Chrysene	0.019	0.0377	ug/L	<MDL	<MDL			100
Di-N-Butyl Phthalate	0.047	0.943	ug/L	<MDL	<MDL			100
Di-N-Octyl Phthalate	0.047	0.0943	ug/L	<MDL	<MDL			100
Dibenzo(a,h)anthracene	0.019	0.0377	ug/L	<MDL	<MDL			100
Diethyl Phthalate	0.047	0.0943	ug/L	0.193	0.192	1		100
Dimethyl Phthalate	0.047	0.0943	ug/L	<MDL	<MDL			100
Fluoranthene	0.019	0.0377	ug/L	<MDL	<MDL			100
Fluorene	0.019	0.0377	ug/L	<MDL	<MDL			100
Indeno(1,2,3-Cd)Pyrene	0.019	0.0377	ug/L	<MDL	<MDL			100
Naphthalene	0.019	0.0377	ug/L	<MDL	<MDL			100
Phenanthrene	0.019	0.0377	ug/L	<MDL	<MDL			100
Pyrene	0.019	0.0377	ug/L	<MDL	<MDL			100

SURROGATES:

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	d14-Terphenyl 33--141
L42798-1	55	72
WG91709-1	56	77
WG91709-2	54	72
WG91709-3	51	74

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WG93287

METHOD BLANK

MB:WG93287-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	Qual
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.0825	B
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	0.231	B
Bisphenol A	0.13	0.25	ug/L	<MDL	
Caffeine	0.01	0.02	ug/L	<MDL	
Chrysene	0.01	0.02	ug/L	<MDL	
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.15	B
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	
Fluoranthene	0.01	0.02	ug/L	<MDL	
Fluorene	0.01	0.02	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	
Naphthalene	0.01	0.02	ug/L	<MDL	
Pentachlorophenol	0.1	0.2	ug/L	<MDL	
Phenanthrene	0.01	0.02	ug/L	<MDL	
Phenol	0.05	0.1	ug/L	<MDL	
Pyrene	0.01	0.02	ug/L	<MDL	
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL	

SPIKE BLANK AND SPIKE BLANK DUPLICATE

SBD:WG93287-3 SB:WG93287-2 MB:WG93287-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit	TrueValue	SBD Value	% Rec.	Qual	RPD	Qual	LabLimit
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	1.25	0.691	55		25--100	1.25	0.704	56		2		100
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	1.25	0.605	48		46--97	1.25	0.554	44	*	9		100
4-Methylphenol	0.05	0.1	ug/L	<MDL	1.25	0.581	46		46--83	1.25	0.514	41	*	11		100
Acenaphthene	0.01	0.02	ug/L	<MDL	1.25	0.735	59		50--100	1.25	0.73	58		2		100
Acenaphthylene	0.01	0.02	ug/L	<MDL	1.25	0.754	60		51--107	1.25	0.724	58		3		100

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Anthracene	0.01	0.02	ug/L	<MDL	1.25	0.8	64	50--116	1.25	0.785	63	2	100
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	1.25	0.865	69	55--122	1.25	0.798	64	8	100
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	1.25	0.792	63	59--125	1.25	0.778	62	2	100
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	0.779	62	52--120	1.25	0.764	61	2	100
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	1.25	0.815	65	59--116	1.25	0.754	60	8	100
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	0.991	79	47--140	1.25	1	80	1	100
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	1.25	0.489	39	* 44--93	1.25	0.46	37	* 5	100
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	1.25	0.91	73	49--143	1.25	0.844	68	7	100
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.0825	1.25	0.861	62	10--196	1.25	0.886	64	3	100
Caffeine	0.01	0.02	ug/L	<MDL	1.25	0.892	71	17--136	1.25	0.78	62	14	100
Chrysene	0.01	0.02	ug/L	<MDL	1.25	0.91	73	48--127	1.25	0.903	72	1	100
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.15	1.25	0.94	63	48--133	1.25	0.996	68	8	100
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.753	60	43--156	1.25	0.764	61	2	100
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	1.25	0.802	64	57--122	1.25	0.74	59	8	100
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.02	82	54--136	1.25	0.97	78	5	100
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.874	70	53--118	1.25	0.85	68	3	100
Fluoranthene	0.01	0.02	ug/L	<MDL	1.25	0.934	75	54--131	1.25	0.931	75	0	100
Fluorene	0.01	0.02	ug/L	<MDL	1.25	0.884	71	54--117	1.25	0.882	71	0	100
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	1.25	0.831	66	59--120	1.25	0.815	65	2	100
Naphthalene	0.01	0.02	ug/L	<MDL	1.25	0.703	56	39--94	1.25	0.686	55	2	100
Pentachlorophenol	0.1	0.2	ug/L	<MDL	1.25	0.769	61	44--102	1.25	0.735	59	3	100
Phenanthrene	0.01	0.02	ug/L	<MDL	1.25	0.699	56	55--104	1.25	0.683	55	2	100
Phenol	0.05	0.1	ug/L	<MDL	1.25	0.681	54	37--97	1.25	0.591	47	14	100
Pyrene	0.01	0.02	ug/L	<MDL	1.25	0.895	72	52--123	1.25	0.866	69	4	100

SURROGATES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	d14-Terphenyl 33--141
L43790-1	51	71
WG93287-1	48	74
WG93287-2	48	66
WG93287-3	49	66

WG93373

METHOD BLANK

MB:WG93373-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	Qual
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	

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Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL
Benzyl Alcohol	0.05	0.1	ug/L	<MDL
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.17
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	<MDL
Bisphenol A	0.13	0.25	ug/L	<MDL
Caffeine	0.01	0.02	ug/L	<MDL
Chrysene	0.01	0.02	ug/L	<MDL
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0677
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL
Diethyl Phthalate	0.025	0.05	ug/L	<MDL
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL
Fluoranthene	0.01	0.02	ug/L	<MDL
Fluorene	0.01	0.02	ug/L	<MDL
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL
Naphthalene	0.01	0.02	ug/L	<MDL
Pentachlorophenol	0.1	0.2	ug/L	<MDL
Phenanthrene	0.01	0.02	ug/L	<MDL
Phenol	0.05	0.1	ug/L	<MDL
Pyrene	0.01	0.02	ug/L	<MDL
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL

SPIKE BLANK

SB:WG93373-2 MB:WG93373-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	1	0.868	87		25--100
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	1	0.735	74		46--97
4-Methylphenol	0.05	0.1	ug/L	<MDL	1	0.701	70		46--83
Acenaphthene	0.01	0.02	ug/L	<MDL	1	0.761	76		50--100
Acenaphthylene	0.01	0.02	ug/L	<MDL	1	0.744	74		51--107
Anthracene	0.01	0.02	ug/L	<MDL	1	1.04	104		50--116
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	1	1.05	105		55--122
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	1	0.932	93		59--125
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	1	1.11	111		52--120
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	1	1.05	105		59--116
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	1	1.14	114		47--140
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	1	0.67	67		44--93
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	1	0.983	98		49--143
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.17	1	1	83		10--196
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	<MDL		<MDL			30--150
Bisphenol A	0.13	0.25	ug/L	<MDL		<MDL			30--150
Caffeine	0.01	0.02	ug/L	<MDL	1	0.992	99		17--136
Chrysene	0.01	0.02	ug/L	<MDL	1	1.08	108		48--127

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Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0677	1	1.09	103	48--133
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	1	0.825	83	43--156
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	1	1.02	102	57--122
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	1	1.12	112	54--136
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	1	0.834	83	53--118
Fluoranthene	0.01	0.02	ug/L	<MDL	1	1.15	115	54--131
Fluorene	0.01	0.02	ug/L	<MDL	1	0.772	77	54--117
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	1	1.03	103	59--120
Naphthalene	0.01	0.02	ug/L	<MDL	1	0.865	87	39--94
Pentachlorophenol	0.1	0.2	ug/L	<MDL	1	0.993	99	44--102
Phenanthrene	0.01	0.02	ug/L	<MDL	1	0.918	92	55--104
Phenol	0.05	0.1	ug/L	<MDL	1	0.81	81	37--97
Pyrene	0.01	0.02	ug/L	<MDL	1	1.13	113	52--123
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL		<MDL		30--150

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG93373-4 MS:WG93373-3 L43912-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
1,4-Dichlorobenzene	0.0047	0.00943	ug/L	<MDL	0.943	0.655	69		25--100	0.943	0.672	71		3		100
2-Methylnaphthalene	0.0094	0.0189	ug/L	<MDL	0.943	0.516	55		46--97	0.943	0.513	54		2		100
4-Methylphenol	0.047	0.0943	ug/L	<MDL	0.943	0.447	47		46--83	0.943	0.479	51		8		100
Acenaphthene	0.0094	0.0189	ug/L	<MDL	0.943	0.643	68		50--100	0.943	0.525	56		19		100
Acenaphthylene	0.0094	0.0189	ug/L	<MDL	0.943	0.497	53		51--107	0.943	0.526	56		6		100
Anthracene	0.0094	0.0189	ug/L	<MDL	0.943	0.861	91		50--116	0.943	0.758	80		13		100
Benzo(a)anthracene	0.0094	0.0189	ug/L	<MDL	0.943	0.907	96		55--122	0.943	0.82	87		10		100
Benzo(a)pyrene	0.0094	0.0189	ug/L	<MDL	0.943	0.661	70		59--125	0.943	0.677	72		3		100
Benzo(b)fluoranthene	0.0094	0.0189	ug/L	<MDL	0.943	0.835	89		52--120	0.943	0.793	84		6		100
Benzo(g,h,i)perylene	0.0094	0.0189	ug/L	<MDL	0.943	0.83	88		59--116	0.943	0.737	78		12		100
Benzo(k)fluoranthene	0.0094	0.0189	ug/L	<MDL	0.943	0.91	96		47--140	0.943	0.829	88		9		100
Benzyl Alcohol	0.047	0.0943	ug/L	<MDL	0.943	0.482	51		44--93	0.943	0.402	43	*	17		100
Benzyl Butyl Phthalate	0.047	0.0943	ug/L	<MDL	0.943	0.887	94		49--143	0.943	0.792	84		11		100
Bis(2-Ethylhexyl)Phthalate	0.024	0.0472	ug/L	0.0502	0.943	0.68	67		10--196	0.943	0.605	59		13		100
Bis(2-ethylhexyl)adipate	0.047	0.0943	ug/L	<MDL		<MDL			30--150		<MDL		*			100
Bisphenol A	0.12	0.236	ug/L	<MDL		<MDL			30--150		<MDL		*			100
Caffeine	0.0094	0.0189	ug/L	<MDL	0.943	0.917	97		17--136	0.943	0.785	83		16		100
Chrysene	0.0094	0.0189	ug/L	<MDL	0.943	0.968	103		48--127	0.943	0.844	89		15		100
Di-N-Butyl Phthalate	0.024	0.0472	ug/L	0.0962	0.943	1.04	100		48--133	0.943	0.87	82		20		100
Di-N-Octyl Phthalate	0.024	0.0472	ug/L	<MDL	0.943	0.678	72		43--156	0.943	0.64	68		6		100
Dibenzo(a,h)anthracene	0.0094	0.0189	ug/L	<MDL	0.943	0.761	81		57--122	0.943	0.687	73		10		100
Diethyl Phthalate	0.024	0.0472	ug/L	0.147	0.943	0.962	86		54--136	0.943	1.06	97		12		100
Dimethyl Phthalate	0.024	0.0472	ug/L	<MDL	0.943	0.548	58		53--118	0.943	0.585	62		7		100
Fluoranthene	0.0094	0.0189	ug/L	<MDL	0.943	1.05	111		54--131	0.943	0.924	98		12		100
Fluorene	0.0094	0.0189	ug/L	<MDL	0.943	0.723	77		54--117	0.943	0.562	60		25		100
Indeno(1,2,3-Cd)Pyrene	0.0094	0.0189	ug/L	<MDL	0.943	0.806	85		59--120	0.943	0.753	80		6		100
Naphthalene	0.0094	0.0189	ug/L	<MDL	0.943	0.724	77		39--94	0.943	0.639	68		12		100
Pentachlorophenol	0.094	0.189	ug/L	<MDL	0.943	0.757	80		44--102	0.943	0.739	78		3		100

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Phenanthrene	0.0094	0.0189	ug/L	<MDL	0.943	0.767	81	55--104	0.943	0.696	74	9	100
Phenol	0.047	0.0943	ug/L	<MDL	0.943	0.531	56	37--97	0.943	0.537	57	2	100
Pyrene	0.0094	0.0189	ug/L	<MDL	0.943	1.09	115	52--123	0.943	0.908	96	18	100
Total 4-Nonylphenol	0.047	0.0943	ug/L	<MDL		<MDL		30--150		<MDL		*	100

SURROGATES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	D4-4-NONYLPHENOL 25--150	d14-Terphenyl 33--141
L43912-1	33 *		65
WG93373-1	68		84
WG93373-2	63		81
WG93373-3	45		80
WG93373-4	51		70

WG93671

METHOD BLANK

MB:WG93671-1 Matrix: BLANK WTR Listtype: ORPAHPPTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	Qual
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.453	B
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	<MDL	
Bisphenol A	0.13	0.25	ug/L	<MDL	
Caffeine	0.01	0.02	ug/L	<MDL	
Chrysene	0.01	0.02	ug/L	<MDL	
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0984	B
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	
Fluoranthene	0.01	0.02	ug/L	<MDL	
Fluorene	0.01	0.02	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	
Naphthalene	0.01	0.02	ug/L	<MDL	

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Pentachlorophenol	0.1	0.2	ug/L	<MDL
Phenanthrene	0.01	0.02	ug/L	<MDL
Phenol	0.05	0.1	ug/L	<MDL
Pyrene	0.01	0.02	ug/L	<MDL
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL

SPIKE BLANK

SB:WG93671-2 MB:WG93671-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	1.25	0.493	39		25--100
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	1.25	0.617	49		46--97
4-Methylphenol	0.05	0.1	ug/L	<MDL	1.25	0.685	55		46--83
Acenaphthene	0.01	0.02	ug/L	<MDL	1.25	0.696	56		50--100
Acenaphthylene	0.01	0.02	ug/L	<MDL	1.25	0.792	63		51--107
Anthracene	0.01	0.02	ug/L	<MDL	1.25	0.928	74		50--116
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	1.25	0.982	79		55--122
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	1.25	0.772	62		59--125
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.02	81		52--120
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	1.25	0.944	76		59--116
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	0.981	79		47--140
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	1.25	0.656	52		44--93
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	1.25	0.966	77		49--143
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.453	1.25	1.7	100		10--196
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	<MDL		<MDL			30--150
Bisphenol A	0.13	0.25	ug/L	<MDL		<MDL			30--150
Caffeine	0.01	0.02	ug/L	<MDL	1.25	0.919	74		17--136
Chrysene	0.01	0.02	ug/L	<MDL	1.25	0.928	74		48--127
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0984	1.25	1.07	78		48--133
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.812	65		43--156
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	1.25	0.982	79		57--122
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.958	77		54--136
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.87	70		53--118
Fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.1	88		54--131
Fluorene	0.01	0.02	ug/L	<MDL	1.25	0.825	66		54--117
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	1.25	0.981	78		59--120
Naphthalene	0.01	0.02	ug/L	<MDL	1.25	0.604	48		39--94
Pentachlorophenol	0.1	0.2	ug/L	<MDL	1.25	0.96	77		44--102
Phenanthrene	0.01	0.02	ug/L	<MDL	1.25	0.926	74		55--104
Phenol	0.05	0.1	ug/L	<MDL	1.25	0.717	57		37--97
Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.07	86		52--123
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL		<MDL			30--150

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MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG93671-4 MS:WG93671-3 L43913-1 Matrix: STORM WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
1,4-Dichlorobenzene	0.0047	0.00943	ug/L	0.126	1.18	0.863	62		25--100	1.18	0.849	61		2		100
2-Methylnaphthalene	0.0094	0.0189	ug/L	0.06	1.18	0.883	70		46--97	1.18	0.87	69		1		100
4-Methylphenol	0.047	0.0943	ug/L	<MDL	1.18	0.901	76		46--83	1.18	0.898	76		0		100
Acenaphthene	0.0094	0.0189	ug/L	<MDL	1.18	0.863	73		50--100	1.18	0.844	72		1		100
Acenaphthylene	0.0094	0.0189	ug/L	<MDL	1.18	1.02	87		51--107	1.18	0.991	84		4		100
Anthracene	0.0094	0.0189	ug/L	<MDL	1.18	0.946	80		50--116	1.18	0.94	80		0		100
Benzo(a)anthracene	0.0094	0.0189	ug/L	<MDL	1.18	0.987	84		55--122	1.18	1.01	86		2		100
Benzo(a)pyrene	0.0094	0.0189	ug/L	<MDL	1.18	0.763	65		59--125	1.18	0.773	66		2		100
Benzo(b)fluoranthene	0.0094	0.0189	ug/L	0.0389	1.18	1.01	82		52--120	1.18	0.983	80		2		100
Benzo(g,h,i)perylene	0.0094	0.0189	ug/L	<MDL	1.18	0.93	79		59--116	1.18	0.95	81		3		100
Benzo(k)fluoranthene	0.0094	0.0189	ug/L	0.0209	1.18	0.873	72		47--140	1.18	0.927	77		7		100
Benzyl Alcohol	0.047	0.0943	ug/L	<MDL	1.18	0.925	78		44--93	1.18	0.898	76		3		100
Benzyl Butyl Phthalate	0.047	0.0943	ug/L	0.31	1.18	1.4	92		49--143	1.18	1.38	91		1		100
Bis(2-Ethylhexyl)Phthalate	0.024	0.0472	ug/L	1.99	1.18	2.63	55		10--196	1.18	2.85	73		28		100
Bis(2-ethylhexyl)adipate	0.047	0.0943	ug/L	0.29		<MDL			30--150		<MDL		*			100
Bisphenol A	0.12	0.236	ug/L	0.852		<MDL			30--150		<MDL		*			100
Caffeine	0.0094	0.0189	ug/L	6.08	1.18	7.14	89		17--136	1.18	7.43	115		25		100
Chrysene	0.0094	0.0189	ug/L	0.0386	1.18	0.908	74		48--127	1.18	0.911	74		0		100
Di-N-Butyl Phthalate	0.024	0.0472	ug/L	0.234	1.18	1.31	91		48--133	1.18	1.32	92		1		100
Di-N-Octyl Phthalate	0.024	0.0472	ug/L	<MDL	1.18	1.39	118		43--156	1.18	1.45	123		4		100
Dibenzo(a,h)anthracene	0.0094	0.0189	ug/L	<MDL	1.18	0.972	82		57--122	1.18	0.998	85		4		100
Diethyl Phthalate	0.024	0.0472	ug/L	0.549	1.18	1.63	92		54--136	1.18	1.7	97		5		100
Dimethyl Phthalate	0.024	0.0472	ug/L	<MDL	1.18	1.12	95		53--118	1.18	1.12	95		0		100
Fluoranthene	0.0094	0.0189	ug/L	0.0729	1.18	1.09	86		54--131	1.18	1.12	89		3		100
Fluorene	0.0094	0.0189	ug/L	<MDL	1.18	0.992	84		54--117	1.18	1.01	86		2		100
Indeno(1,2,3-Cd)Pyrene	0.0094	0.0189	ug/L	<MDL	1.18	0.972	82		59--120	1.18	0.978	83		1		100
Naphthalene	0.0094	0.0189	ug/L	0.0542	1.18	0.836	66		39--94	1.18	0.85	67		2		100
Pentachlorophenol	0.094	0.189	ug/L	0.371	1.18	1.34	82		44--102	1.18	1.4	87		6		100
Phenanthrene	0.0094	0.0189	ug/L	0.0678	1.18	1.04	82		55--104	1.18	1.02	81		1		100
Phenol	0.047	0.0943	ug/L	0.052	1.18	0.855	68		37--97	1.18	0.86	69		1		100
Pyrene	0.0094	0.0189	ug/L	0.0649	1.18	0.994	79		52--123	1.18	1.03	81		3		100
Total 4-Nonylphenol	0.047	0.0943	ug/L	2.51		<MDL			30--150		<MDL		*			100

SURROGATES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	D4-4-NONYLPHENOL 25--150	d14-Terphenyl 33--141
L43913-1	53		83
WG93671-1	30 *		59
WG93671-2	44		79
WG93671-3	73		81
WG93671-4	46		88

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WG94009

METHOD BLANK

MB:WG94009-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	Qual
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.247	B
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	0.231	B
Bisphenol A	0.13	0.25	ug/L	<MDL	
Caffeine	0.01	0.02	ug/L	<MDL	
Chrysene	0.01	0.02	ug/L	<MDL	
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0649	B
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	
Fluoranthene	0.01	0.02	ug/L	<MDL	
Fluorene	0.01	0.02	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	
Naphthalene	0.01	0.02	ug/L	<MDL	
Pentachlorophenol	0.1	0.2	ug/L	<MDL	
Phenanthrene	0.01	0.02	ug/L	<MDL	
Phenol	0.05	0.1	ug/L	<MDL	
Pyrene	0.01	0.02	ug/L	<MDL	
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL	

SPIKE BLANK AND SPIKE BLANK DUPLICATE

SBD:WG94009-3 SB:WG94009-2 MB:WG94009-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit	TrueValue	SBD Value	% Rec.	Qual	RPD	Qual	LabLimit
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	1.25	0.589	47		25--100	1.25	0.822	66		34		100
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	1.25	0.642	51		46--97	1.25	0.775	62		19		100
4-Methylphenol	0.05	0.1	ug/L	<MDL	1.25	0.694	56		46--83	1.25	0.86	69		21		100
Acenaphthene	0.01	0.02	ug/L	<MDL	1.25	0.704	56		50--100	1.25	0.818	65		15		100
Acenaphthylene	0.01	0.02	ug/L	<MDL	1.25	0.805	64		51--107	1.25	0.962	77		18		100

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Anthracene	0.01	0.02	ug/L	<MDL	1.25	0.914	73	50--116	1.25	1.03	82	12	100
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.05	84	55--122	1.25	1.09	88	5	100
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	1.25	0.883	71	59--125	1.25	0.883	71	0	100
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	0.956	76	52--120	1.25	0.952	76	0	100
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	1.25	1.09	87	59--116	1.25	1.09	87	0	100
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.07	86	47--140	1.25	1.1	88	2	100
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	1.25	0.629	50	44--93	1.25	0.854	68	31	100
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	1.25	0.887	71	49--143	1.25	0.872	70	1	100
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.247	1.25	1.01	61	10--196	1.25	1.01	61	0	100
Caffeine	0.01	0.02	ug/L	<MDL	1.25	0.93	74	17--136	1.25	0.957	77	4	100
Chrysene	0.01	0.02	ug/L	<MDL	1.25	0.982	79	48--127	1.25	1.05	84	6	100
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0649	1.25	1.11	83	48--133	1.25	1.09	82	1	100
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.765	61	43--156	1.25	0.741	59	3	100
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.18	95	57--122	1.25	1.16	93	2	100
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.91	73	54--136	1.25	0.996	80	9	100
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.833	67	53--118	1.25	0.913	73	9	100
Fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.14	91	54--131	1.25	1.17	94	3	100
Fluorene	0.01	0.02	ug/L	<MDL	1.25	0.816	65	54--117	1.25	0.923	74	13	100
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.13	90	59--120	1.25	1.14	92	2	100
Naphthalene	0.01	0.02	ug/L	<MDL	1.25	0.662	53	39--94	1.25	0.857	69	26	100
Pentachlorophenol	0.1	0.2	ug/L	<MDL	1.25	0.762	61	44--102	1.25	0.788	63	3	100
Phenanthrene	0.01	0.02	ug/L	<MDL	1.25	0.869	70	55--104	1.25	0.991	79	12	100
Phenol	0.05	0.1	ug/L	<MDL	1.25	0.688	55	37--97	1.25	0.932	75	31	100
Pyrene	0.01	0.02	ug/L	<MDL	1.25	0.969	78	52--123	1.25	1.02	82	5	100

SURROGATES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	d14-Terphenyl 33--141
L44132-1	45	82
WG94009-1	52	73
WG94009-2	52	79
WG94009-3	58	77

WG94585

METHOD BLANK

MB:WG94585-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	Qual
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	

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Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	1.09	B
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	0.327	B
Bisphenol A	0.13	0.25	ug/L	<MDL	
Caffeine	0.01	0.02	ug/L	<MDL	
Chrysene	0.01	0.02	ug/L	<MDL	
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.295	B
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	
Fluoranthene	0.01	0.02	ug/L	<MDL	
Fluorene	0.01	0.02	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	
Naphthalene	0.01	0.02	ug/L	<MDL	
Pentachlorophenol	0.1	0.2	ug/L	<MDL	
Phenanthrene	0.01	0.02	ug/L	<MDL	
Phenol	0.05	0.1	ug/L	<MDL	
Pyrene	0.01	0.02	ug/L	<MDL	
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL	

SPIKE BLANK

SB:WG94585-2 MB:WG94585-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	1.25	0.81	65		25--100
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	1.25	0.906	73		46--97
4-Methylphenol	0.05	0.1	ug/L	<MDL	1.25	1	80		46--83
Acenaphthene	0.01	0.02	ug/L	<MDL	1.25	1.06	85		50--100
Acenaphthylene	0.01	0.02	ug/L	<MDL	1.25	1.15	92		51--107
Anthracene	0.01	0.02	ug/L	<MDL	1.25	1.18	94		50--116
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.22	97		55--122
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	1.25	1.08	86		59--125
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	0.917	73		52--120
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	1.25	1.02	82		59--116
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.16	93		47--140
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	1.25	0.747	60		44--93
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	1.25	1.59	128		49--143
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	1.09	1.25	2.08	79		10--196
Caffeine	0.01	0.02	ug/L	<MDL	1.25	1.13	91		17--136
Chrysene	0.01	0.02	ug/L	<MDL	1.25	1.14	91		48--127
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.295	1.25	1.38	87		48--133
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.43	114		43--156

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Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	1.25	0.974	78		57--122
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.27	101		54--136
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.24	99		53--118
Fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.15	92		54--131
Fluorene	0.01	0.02	ug/L	<MDL	1.25	1.17	94		54--117
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.01	81		59--120
Naphthalene	0.01	0.02	ug/L	<MDL	1.25	0.918	73		39--94
Pentachlorophenol	0.1	0.2	ug/L	<MDL	1.25	1.54	123	*	44--102
Phenanthrene	0.01	0.02	ug/L	<MDL	1.25	1.14	92		55--104
Phenol	0.05	0.1	ug/L	<MDL	1.25	1.01	81		37--97
Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.18	94		52--123

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG94585-4 MS:WG94585-3 L44133-1 Matrix: STORM WTR Listtype: ORPAHPPTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
1,4-Dichlorobenzene	0.0047	0.00943	ug/L	0.848	1.18	1.63	67		25--100	1.18	1.66	69		3		100
2-Methylnaphthalene	0.0094	0.0189	ug/L	0.289	1.18	1.17	75		46--97	1.18	1.18	76		1		100
4-Methylphenol	0.047	0.0943	ug/L	0.879	1.18	2.08	102	*	46--83	1.18	2.01	96	*	6		100
Acenaphthene	0.0094	0.0189	ug/L	0.125	1.18	1.08	81		50--100	1.18	1.08	81		0		100
Acenaphthylene	0.0094	0.0189	ug/L	<MDL	1.18	1.06	90		51--107	1.18	1.09	92		2		100
Anthracene	0.0094	0.0189	ug/L	0.245	1.18	1.24	84		50--116	1.18	1.24	84		0		100
Benzo(a)anthracene	0.0094	0.0189	ug/L	0.271	1.18	1.22	80		55--122	1.18	1.18	77		4		100
Benzo(a)pyrene	0.0094	0.0189	ug/L	0.27	1.18	1.06	67		59--125	1.18	1.05	66		2		100
Benzo(b)fluoranthene	0.0094	0.0189	ug/L	0.151	1.18	0.88	62		52--120	1.18	0.989	71		14		100
Benzo(g,h,i)perylene	0.0094	0.0189	ug/L	0.157	1.18	1.01	73		59--116	1.18	0.976	70		4		100
Benzo(k)fluoranthene	0.0094	0.0189	ug/L	0.225	1.18	1.21	83		47--140	1.18	1.05	70		17		100
Benzyl Alcohol	0.047	0.0943	ug/L	1.61	1.18	2.45	71		44--93	1.18	2.61	85		18		100
Benzyl Butyl Phthalate	0.047	0.0943	ug/L	0.847	1.18	1.89	88		49--143	1.18	1.83	83		6		100
Bis(2-Ethylhexyl)Phthalate	0.024	0.0472	ug/L	3.85	1.18	5.59	147		10--196	1.18	3.73	-10	*			100
Caffeine	0.0094	0.0189	ug/L	7.98	1.18	8.79	68		17--136	1.18	8.86	75		10		100
Chrysene	0.0094	0.0189	ug/L	0.24	1.18	1.19	81		48--127	1.18	1.12	75		8		100
Di-N-Butyl Phthalate	0.024	0.0472	ug/L	0.699	1.18	1.72	87		48--133	1.18	1.77	91		4		100
Di-N-Octyl Phthalate	0.024	0.0472	ug/L	0.649	1.18	1.83	100		43--156	1.18	1.75	93		7		100
Dibenzo(a,h)anthracene	0.0094	0.0189	ug/L	0.0617	1.18	0.9	71		57--122	1.18	0.907	72		1		100
Diethyl Phthalate	0.024	0.0472	ug/L	1.63	1.18	2.69	90		54--136	1.18	2.75	95		5		100
Dimethyl Phthalate	0.024	0.0472	ug/L	<MDL	1.18	1.4	118		53--118	1.18	1.44	122	*	3		100
Fluoranthene	0.0094	0.0189	ug/L	0.641	1.18	1.66	87		54--131	1.18	1.56	78		11		100
Fluorene	0.0094	0.0189	ug/L	0.201	1.18	1.25	89		54--117	1.18	1.23	87		2		100
Indeno(1,2,3-Cd)Pyrene	0.0094	0.0189	ug/L	0.147	1.18	0.972	70		59--120	1.18	0.962	69		1		100
Naphthalene	0.0094	0.0189	ug/L	0.294	1.18	1.17	74		39--94	1.18	1.18	75		1		100
Pentachlorophenol	0.094	0.189	ug/L	1.28	1.18	2.27	85		44--102	1.18	2.35	91		7		100
Phenanthrene	0.0094	0.0189	ug/L	0.848	1.18	1.83	83		55--104	1.18	1.81	82		1		100
Phenol	0.047	0.0943	ug/L	0.313	1.18	1.34	87		37--97	1.18	1.19	74		16		100
Pyrene	0.0094	0.0189	ug/L	0.454	1.18	1.41	81		52--123	1.18	1.34	75		8		100

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SURROGATES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	d14-Terphenyl 33--141
L44133-1	91	110
L44133-2	87	112
L44133-3	73	108
L44133-4	83	103
WG94585-1	70	104
WG94585-2	73	103
WG94585-3	86	105
WG94585-4	88	110

WG95250

METHOD BLANK

MB:WG95250-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	Qual
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.341	B
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	0.238	B
Bisphenol A	0.13	0.25	ug/L	<MDL	
Caffeine	0.01	0.02	ug/L	<MDL	
Chrysene	0.01	0.02	ug/L	<MDL	
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0938	B
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	
Fluoranthene	0.01	0.02	ug/L	<MDL	
Fluorene	0.01	0.02	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	
Naphthalene	0.01	0.02	ug/L	<MDL	
Pentachlorophenol	0.1	0.2	ug/L	<MDL	
Phenanthrene	0.01	0.02	ug/L	<MDL	

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Phenol	0.05	0.1	ug/L	<MDL
Pyrene	0.01	0.02	ug/L	<MDL
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL

SPIKE BLANK AND SPIKE BLANK DUPLICATE

SBD:WG95250-3 SB:WG95250-2 MB:WG95250-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit	TrueValue	SBD Value	% Rec.	Qual	RPD	Qual	LabLimit
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	1.25	0.788	63		25--100	1.25	0.83	66		5		100
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	1.25	0.872	70		46--97	1.25	0.868	69		1		100
4-Methylphenol	0.05	0.1	ug/L	<MDL	1.25	0.873	70		46--83	1.25	0.886	71		1		100
Acenaphthene	0.01	0.02	ug/L	<MDL	1.25	0.896	72		50--100	1.25	0.841	67		7		100
Acenaphthylene	0.01	0.02	ug/L	<MDL	1.25	1.02	82		51--107	1.25	0.984	79		4		100
Anthracene	0.01	0.02	ug/L	<MDL	1.25	1.03	82		50--116	1.25	1	80		2		100
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.02	82		55--122	1.25	1.12	89		8		100
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	1.25	1.01	81		59--125	1.25	1.07	86		6		100
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.14	91		52--120	1.25	1.18	94		3		100
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	1.25	1.08	87		59--116	1.25	1.1	88		1		100
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	0.925	74		47--140	1.25	1	80		8		100
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	1.25	0.907	73		44--93	1.25	0.935	75		3		100
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	1.25	0.888	71		49--143	1.25	0.995	80		12		100
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.341	1.25	1.11	62		10--196	1.25	1.19	68		9		100
Caffeine	0.01	0.02	ug/L	<MDL	1.25	1.04	83		17--136	1.25	1.05	84		1		100
Chrysene	0.01	0.02	ug/L	<MDL	1.25	1.04	83		48--127	1.25	1.08	87		5		100
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0938	1.25	1.1	80		48--133	1.25	1.19	88		10		100
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.958	77		43--156	1.25	1	80		4		100
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.11	89		57--122	1.25	1.1	88		1		100
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.748	60		54--136	1.25	0.833	67		11		100
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.709	57		53--118	1.25	0.772	62		8		100
Fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.19	95		54--131	1.25	1.24	99		4		100
Fluorene	0.01	0.02	ug/L	<MDL	1.25	0.845	68		54--117	1.25	0.886	71		4		100
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.1	88		59--120	1.25	1.11	89		1		100
Naphthalene	0.01	0.02	ug/L	<MDL	1.25	0.854	68		39--94	1.25	0.858	69		1		100
Pentachlorophenol	0.1	0.2	ug/L	<MDL	1.25	1.15	92		44--102	1.25	1.18	94		2		100
Phenanthrene	0.01	0.02	ug/L	<MDL	1.25	0.982	79		55--104	1.25	0.988	79		0		100
Phenol	0.05	0.1	ug/L	<MDL	1.25	0.854	68		37--97	1.25	0.863	69		1		100
Pyrene	0.01	0.02	ug/L	<MDL	1.25	0.938	75		52--123	1.25	0.983	79		5		100

SURROGATES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	d14-Terphenyl 33--141
L44913-1	60	76
WG95250-1	71	74
WG95250-2	73	78
WG95250-3	61	75

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WG96892

METHOD BLANK

MB:WG96892-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	Qual
2-Methylnaphthalene	0.005	0.01	ug/L	<MDL	
Acenaphthene	0.005	0.01	ug/L	<MDL	
Acenaphthylene	0.005	0.01	ug/L	<MDL	
Anthracene	0.005	0.01	ug/L	<MDL	
Benzo(a)anthracene	0.005	0.01	ug/L	<MDL	
Benzo(a)pyrene	0.005	0.01	ug/L	<MDL	
Benzo(b)fluoranthene	0.005	0.01	ug/L	<MDL	
Benzo(g,h,i)perylene	0.005	0.01	ug/L	<MDL	
Benzo(k)fluoranthene	0.005	0.01	ug/L	<MDL	
Benzyl Butyl Phthalate	0.025	0.05	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.013	0.025	ug/L	4.05	B
Chrysene	0.005	0.01	ug/L	<MDL	
Di-N-Butyl Phthalate	0.013	0.025	ug/L	0.0511	B
Di-N-Octyl Phthalate	0.013	0.025	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.005	0.01	ug/L	<MDL	
Diethyl Phthalate	0.013	0.025	ug/L	<MDL	
Dimethyl Phthalate	0.013	0.025	ug/L	<MDL	
Fluoranthene	0.005	0.01	ug/L	<MDL	
Fluorene	0.005	0.01	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.005	0.01	ug/L	<MDL	
Naphthalene	0.005	0.01	ug/L	<MDL	
Phenanthrene	0.005	0.01	ug/L	<MDL	
Pyrene	0.005	0.01	ug/L	<MDL	

SPIKE BLANK AND SPIKE BLANK DUPLICATE

SBD:WG96892-3 SB:WG96892-2 MB:WG96892-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit	TrueValue	SBD Value	% Rec.	Qual	RPD	Qual	LabLimit
2-Methylnaphthalene	0.005	0.01	ug/L	<MDL	0.625	0.699	112		50-150	0.625	0.711	114		2		100
Acenaphthene	0.005	0.01	ug/L	<MDL	0.625	0.501	80		50-150	0.625	0.513	82		2		100
Acenaphthylene	0.005	0.01	ug/L	<MDL	0.625	0.546	87		50-150	0.625	0.546	87		0		100
Anthracene	0.005	0.01	ug/L	<MDL	0.625	0.611	98		50-150	0.625	0.606	97		1		100
Benzo(a)anthracene	0.005	0.01	ug/L	<MDL	0.625	0.631	101		50-150	0.625	0.683	109		8		100
Benzo(a)pyrene	0.005	0.01	ug/L	<MDL	0.625	0.57	91		50-150	0.625	0.62	99		8		100
Benzo(b)fluoranthene	0.005	0.01	ug/L	<MDL	0.625	0.52	83		50-150	0.625	0.56	90		8		100
Benzo(g,h,i)perylene	0.005	0.01	ug/L	<MDL	0.625	0.619	99		50-150	0.625	0.642	103		4		100
Benzo(k)fluoranthene	0.005	0.01	ug/L	<MDL	0.625	0.598	96		50-150	0.625	0.63	101		5		100
Benzyl Butyl Phthalate	0.025	0.05	ug/L	<MDL	0.625	0.513	82		50-150	0.625	0.596	95		15		100
Bis(2-Ethylhexyl)Phthalate	0.013	0.025	ug/L	4.05	0.625	0.92	-501	*	50-150	0.625	0.582	-555	*			100
Chrysene	0.005	0.01	ug/L	<MDL	0.625	0.524	84		50-150	0.625	0.568	91		8		100
Di-N-Butyl Phthalate	0.013	0.025	ug/L	0.0511	0.625	0.63	93		50-150	0.625	0.655	97		4		100
Di-N-Octyl Phthalate	0.013	0.025	ug/L	<MDL	0.625	0.517	83		50-150	0.625	0.554	89		7		100

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Dibenzo(a,h)anthracene	0.005	0.01	ug/L	<MDL	0.625	0.519	83	50--150	0.625	0.54	86	4	100
Diethyl Phthalate	0.013	0.025	ug/L	<MDL	0.625	0.593	95	50--150	0.625	0.673	108	13	100
Dimethyl Phthalate	0.013	0.025	ug/L	<MDL	0.625	0.486	78	50--150	0.625	0.506	81	4	100
Fluoranthene	0.005	0.01	ug/L	<MDL	0.625	0.666	107	50--150	0.625	0.665	106	1	100
Fluorene	0.005	0.01	ug/L	<MDL	0.625	0.505	81	50--150	0.625	0.506	81	0	100
Indeno(1,2,3-Cd)Pyrene	0.005	0.01	ug/L	<MDL	0.625	0.542	87	50--150	0.625	0.565	90	3	100
Naphthalene	0.005	0.01	ug/L	<MDL	0.625	0.508	81	50--150	0.625	0.48	77	5	100
Phenanthrene	0.005	0.01	ug/L	<MDL	0.625	0.552	88	50--150	0.625	0.556	89	1	100
Pyrene	0.005	0.01	ug/L	<MDL	0.625	0.579	93	50--150	0.625	0.675	108	15	100

SURROGATES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	d14-Terphenyl 33--141
L44912-6	76	117
WG96892-1	81	121
WG96892-2	87	115
WG96892-3	93	132

WG96925

METHOD BLANK

MB:WG96925-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW-846 8270C

Parameter	MDL	RDL	Units	MB Value	Qual
2-Methylnaphthalene	0.005	0.01	ug/L	<MDL	
Acenaphthene	0.005	0.01	ug/L	<MDL	
Acenaphthylene	0.005	0.01	ug/L	<MDL	
Anthracene	0.005	0.01	ug/L	<MDL	
Benzo(a)anthracene	0.005	0.01	ug/L	<MDL	
Benzo(a)pyrene	0.005	0.01	ug/L	<MDL	
Benzo(b)fluoranthene	0.005	0.01	ug/L	<MDL	
Benzo(g,h,i)perylene	0.005	0.01	ug/L	<MDL	
Benzo(k)fluoranthene	0.005	0.01	ug/L	<MDL	
Benzyl Butyl Phthalate	0.025	0.05	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.013	0.025	ug/L	0.0991	B
Chrysene	0.005	0.01	ug/L	<MDL	
Di-N-Butyl Phthalate	0.013	0.025	ug/L	0.0435	B
Di-N-Octyl Phthalate	0.013	0.025	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.005	0.01	ug/L	<MDL	
Diethyl Phthalate	0.013	0.025	ug/L	<MDL	
Dimethyl Phthalate	0.013	0.025	ug/L	<MDL	
Fluoranthene	0.005	0.01	ug/L	<MDL	
Fluorene	0.005	0.01	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.005	0.01	ug/L	<MDL	
Naphthalene	0.005	0.01	ug/L	<MDL	
Phenanthrene	0.005	0.01	ug/L	<MDL	
Pyrene	0.005	0.01	ug/L	<MDL	

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SURROGATES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	d14-Terphenyl 33--141
L45805-1	79	120
WG96925-1	74	117

WG98198

METHOD BLANK

MB:WG98198-1 Matrix: BLANK WTR Listtype: ORPAHPPTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	Qual
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	
Benzyl Butyl Phthalate	0.05	0.1	ug/L	0.163	B
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.919	B
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	0.224	B
Bisphenol A	0.13	0.25	ug/L	<MDL	
Caffeine	0.01	0.02	ug/L	<MDL	
Chrysene	0.01	0.02	ug/L	<MDL	
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.287	B
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	
Diethyl Phthalate	0.025	0.05	ug/L	0.139	B
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	
Fluoranthene	0.01	0.02	ug/L	<MDL	
Fluorene	0.01	0.02	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	
Naphthalene	0.01	0.02	ug/L	<MDL	
Pentachlorophenol	0.1	0.2	ug/L	<MDL	
Phenanthrene	0.01	0.02	ug/L	<MDL	
Phenol	0.05	0.1	ug/L	<MDL	
Pyrene	0.01	0.02	ug/L	<MDL	
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL	

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SPIKE BLANK

SB:WG98198-2 MB:WG98198-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	1.25	0.906	72		25--100
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	1.25	1.02	82		46--97
4-Methylphenol	0.05	0.1	ug/L	<MDL	1.25	1.04	83		46--83
Acenaphthene	0.01	0.02	ug/L	<MDL	1.25	1.11	89		50--100
Acenaphthylene	0.01	0.02	ug/L	<MDL	1.25	1.2	96		51--107
Anthracene	0.01	0.02	ug/L	<MDL	1.25	1.26	101		50--116
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.42	114		55--122
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	1.25	1.27	102		59--125
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.33	106		52--120
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	1.25	1.21	96		59--116
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.22	98		47--140
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	1.25	1.14	91		44--93
Benzyl Butyl Phthalate	0.05	0.1	ug/L	0.163	1.25	1.42	100		49--143
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.919	1.25	1.48	45		10--196
Caffeine	0.01	0.02	ug/L	<MDL	1.25	1.27	101		17--136
Chrysene	0.01	0.02	ug/L	<MDL	1.25	1.21	97		48--127
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.287	1.25	1.59	104		48--133
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.43	114		43--156
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.3	104		57--122
Diethyl Phthalate	0.025	0.05	ug/L	0.139	1.25	1.07	74		54--136
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.566	45	*	53--118
Fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.23	99		54--131
Fluorene	0.01	0.02	ug/L	<MDL	1.25	1.02	82		54--117
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.28	103		59--120
Naphthalene	0.01	0.02	ug/L	<MDL	1.25	1.03	82		39--94
Pentachlorophenol	0.1	0.2	ug/L	<MDL	1.25	0.14	11	*	44--102
Phenanthrene	0.01	0.02	ug/L	<MDL	1.25	1.29	103		55--104
Phenol	0.05	0.1	ug/L	<MDL	1.25	1.18	94		37--97
Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.23	98		52--123

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG98198-4 MS:WG98198-3 L45811-1 Matrix: STORM WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
1,4-Dichlorobenzene	0.0047	0.00943	ug/L	0.222	1.18	0.935	60		25--100	1.18	0.971	64		6		100
2-Methylnaphthalene	0.0094	0.0189	ug/L	0.252	1.18	1.1	72		46--97	1.18	1.19	80		11		100
4-Methylphenol	0.047	0.0943	ug/L	0.276	1.18	1.43	98	*	46--83	1.18	1.4	95	*	3		100
Acenaphthene	0.0094	0.0189	ug/L	<MDL	1.18	1.01	86		50--100	1.18	1.18	100		15		100
Acenaphthylene	0.0094	0.0189	ug/L	<MDL	1.18	1.2	101		51--107	1.18	1.35	115	*	13		100
Anthracene	0.0094	0.0189	ug/L	<MDL	1.18	1.13	96		50--116	1.18	1.2	102		6		100
Benzo(a)anthracene	0.0094	0.0189	ug/L	0.0631	1.18	1.33	107		55--122	1.18	1.41	114		6		100
Benzo(a)pyrene	0.0094	0.0189	ug/L	0.058	1.18	1.18	95		59--125	1.18	1.24	100		5		100
Benzo(b)fluoranthene	0.0094	0.0189	ug/L	0.0732	1.18	1.27	101		52--120	1.18	1.35	108		7		100
Benzo(g,h,i)perylene	0.0094	0.0189	ug/L	<MDL	1.18	0.978	83		59--116	1.18	1.1	93		11		100

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Benzo(k)fluoranthene	0.0094	0.0189	ug/L	0.0711	1.18	1.26	101		47--140	1.18	1.28	102		1	100
Benzyl Alcohol	0.047	0.0943	ug/L	<MDL	1.18	1.14	96	*	44--93	1.18	1.73	147	*	42	100
Benzyl Butyl Phthalate	0.047	0.0943	ug/L	1.23	1.18	2.01	66		49--143	1.18	2.36	96		37	100
Bis(2-Ethylhexyl)Phthalate	0.024	0.0472	ug/L	2.87	1.18	3.46	50		10--196	1.18	4.02	97		64	100
Caffeine	0.0094	0.0189	ug/L	5.42	1.18	5.88	39		17--136	1.18	5.92	42		7	100
Chrysene	0.0094	0.0189	ug/L	0.0987	1.18	1.14	88		48--127	1.18	1.21	94		7	100
Di-N-Butyl Phthalate	0.024	0.0472	ug/L	0.283	1.18	1.18	76		48--133	1.18	1.21	79		4	100
Di-N-Octyl Phthalate	0.024	0.0472	ug/L	0.918	1.18	1.89	83		43--156	1.18	2.05	96		15	100
Dibenzo(a,h)anthracene	0.0094	0.0189	ug/L	<MDL	1.18	1.03	87		57--122	1.18	1.19	101		15	100
Diethyl Phthalate	0.024	0.0472	ug/L	0.698	1.18	1.57	74		54--136	1.18	1.7	85		14	100
Dimethyl Phthalate	0.024	0.0472	ug/L	<MDL	1.18	1.16	98		53--118	1.18	1.28	109		11	100
Fluoranthene	0.0094	0.0189	ug/L	0.111	1.18	0.803	59		54--131	1.18	0.881	65		10	100
Fluorene	0.0094	0.0189	ug/L	0.14	1.18	1.04	76		54--117	1.18	1.18	88		15	100
Indeno(1,2,3-Cd)Pyrene	0.0094	0.0189	ug/L	0.0538	1.18	1.07	87		59--120	1.18	1.22	99		13	100
Naphthalene	0.0094	0.0189	ug/L	0.11	1.18	0.883	66		39--94	1.18	0.988	74		11	100
Pentachlorophenol	0.094	0.189	ug/L	0.16	1.18	1.33	100		44--102	1.18	1.33	100		0	100
Phenanthrene	0.0094	0.0189	ug/L	0.168	1.18	1.38	103		55--104	1.18	1.37	102		1	100
Phenol	0.047	0.0943	ug/L	0.185	1.18	1.06	74		37--97	1.18	1.14	81		9	100
Pyrene	0.0094	0.0189	ug/L	0.118	1.18	1.16	88		52--123	1.18	1.24	95		8	100

SURROGATES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	d14-Terphenyl 33--141
L45811-1	73	102
L45811-3	68	98
L45811-6	62	99
WG98198-1	69	94
WG98198-2	74	100
WG98198-3	61	102
WG98198-4	70	104

WG99452

METHOD BLANK

MB:WG99452-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	Qual
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	

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Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.66	B
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	<MDL	
Bisphenol A	0.13	0.25	ug/L	<MDL	
Caffeine	0.01	0.02	ug/L	<MDL	
Chrysene	0.01	0.02	ug/L	<MDL	
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.041	B
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	
Fluoranthene	0.01	0.02	ug/L	<MDL	
Fluorene	0.01	0.02	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	
Naphthalene	0.01	0.02	ug/L	<MDL	
Pentachlorophenol	0.1	0.2	ug/L	<MDL	
Phenanthrene	0.01	0.02	ug/L	<MDL	
Phenol	0.05	0.1	ug/L	<MDL	
Pyrene	0.01	0.02	ug/L	<MDL	
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL	

SPIKE BLANK

SB:WG99452-2 MB:WG99452-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	1.25	0.806	64		25--100
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	1.25	0.836	67		46--97
4-Methylphenol	0.05	0.1	ug/L	<MDL	1.25	0.733	59		46--83
Acenaphthene	0.01	0.02	ug/L	<MDL	1.25	0.901	72		50--100
Acenaphthylene	0.01	0.02	ug/L	<MDL	1.25	1.08	87		51--107
Anthracene	0.01	0.02	ug/L	<MDL	1.25	1	80		50--116
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.16	93		55--122
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	1.25	1.13	90		59--125
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.22	98		52--120
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	1.25	1.1	88		59--116
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.06	84		47--140
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	1.25	0.881	71		44--93
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	1.25	1.21	97		49--143
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.66	1.25	1.59	74		10--196
Caffeine	0.01	0.02	ug/L	<MDL	1.25	1.13	91		17--136
Chrysene	0.01	0.02	ug/L	<MDL	1.25	1.04	83		48--127
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.041	1.25	1.46	114		48--133
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.31	105		43--156
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.16	93		57--122
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.19	95		54--136

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Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.748	60		53--118
Fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.12	90		54--131
Fluorene	0.01	0.02	ug/L	<MDL	1.25	0.935	75		54--117
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.17	94		59--120
Naphthalene	0.01	0.02	ug/L	<MDL	1.25	0.881	70		39--94
Pentachlorophenol	0.1	0.2	ug/L	<MDL	1.25	0.928	74		44--102
Phenanthrene	0.01	0.02	ug/L	<MDL	1.25	0.962	77		55--104
Phenol	0.05	0.1	ug/L	<MDL	1.25	0.939	75		37--97
Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.23	98		52--123

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG99452-4 MS:WG99452-3 L46418-3 Matrix: STORM WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
1,4-Dichlorobenzene	0.0047	0.00943	ug/L	78.8	1.18	49.2	-2512	*	25--100	1.18	51.8	-2291	*			100
2-Methylnaphthalene	0.0094	0.0189	ug/L	0.0908	1.18	0.699	52		46--97	1.18	0.761	57		9		100
4-Methylphenol	0.047	0.0943	ug/L	0.255	1.18	0.858	51		46--83	1.18	1.01	64		23		100
Acenaphthene	0.0094	0.0189	ug/L	0.0286	1.18	0.841	69		50--100	1.18	0.835	68		1		100
Acenaphthylene	0.0094	0.0189	ug/L	<MDL	1.18	0.927	79		51--107	1.18	0.913	77		3		100
Anthracene	0.0094	0.0189	ug/L	0.0289	1.18	0.964	79		50--116	1.18	0.979	81		3		100
Benzo(a)anthracene	0.0094	0.0189	ug/L	0.05	1.18	1.03	84		55--122	1.18	1.08	87		4		100
Benzo(a)pyrene	0.0094	0.0189	ug/L	0.0363	1.18	1.05	86		59--125	1.18	1.07	88		2		100
Benzo(b)fluoranthene	0.0094	0.0189	ug/L	0.0498	1.18	1.17	95		52--120	1.18	1.09	88		8		100
Benzo(g,h,i)perylene	0.0094	0.0189	ug/L	0.0363	1.18	0.848	69		59--116	1.18	0.837	68		1		100
Benzo(k)fluoranthene	0.0094	0.0189	ug/L	0.0442	1.18	1	81		47--140	1.18	1.14	93		14		100
Benzyl Alcohol	0.047	0.0943	ug/L	0.672	1.18	1.45	66		44--93	1.18	1.53	73		10		100
Benzyl Butyl Phthalate	0.047	0.0943	ug/L	0.395	1.18	1.39	84		49--143	1.18	1.52	95		12		100
Bis(2-Ethylhexyl)Phthalate	0.024	0.0472	ug/L	1.7	1.18	2.62	78		10--196	1.18	2.71	86		10		100
Caffeine	0.0094	0.0189	ug/L	3.64	1.18	4.9	107		17--136	1.18	4.82	100		7		100
Chrysene	0.0094	0.0189	ug/L	0.071	1.18	0.953	75		48--127	1.18	1	79		5		100
Di-N-Butyl Phthalate	0.024	0.0472	ug/L	0.259	1.18	1.3	88		48--133	1.18	1.29	88		0		100
Di-N-Octyl Phthalate	0.024	0.0472	ug/L	<MDL	1.18	1.38	117		43--156	1.18	1.41	120		3		100
Dibenzo(a,h)anthracene	0.0094	0.0189	ug/L	<MDL	1.18	0.91	77		57--122	1.18	0.909	77		0		100
Diethyl Phthalate	0.024	0.0472	ug/L	0.544	1.18	1.55	85		54--136	1.18	1.57	87		2		100
Dimethyl Phthalate	0.024	0.0472	ug/L	<MDL	1.18	0.982	83		53--118	1.18	0.957	81		2		100
Fluoranthene	0.0094	0.0189	ug/L	0.117	1.18	0.948	70		54--131	1.18	0.974	73		4		100
Fluorene	0.0094	0.0189	ug/L	0.0639	1.18	1.08	86		54--117	1.18	1.07	85		1		100
Indeno(1,2,3-Cd)Pyrene	0.0094	0.0189	ug/L	0.0207	1.18	0.907	75		59--120	1.18	0.936	78		4		100
Naphthalene	0.0094	0.0189	ug/L	<MDL	1.18	0.762	65		39--94	1.18	0.76	64		2		100
Pentachlorophenol	0.094	0.189	ug/L	0.13	1.18	1.2	91		44--102	1.18	1.11	84		8		100
Phenanthrene	0.0094	0.0189	ug/L	0.185	1.18	1.08	76		55--104	1.18	1.11	78		3		100
Phenol	0.047	0.0943	ug/L	<MDL	1.18	0.769	65		37--97	1.18	0.826	70		7		100
Pyrene	0.0094	0.0189	ug/L	0.126	1.18	1.15	87		52--123	1.18	1.22	92		6		100

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SURROGATES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	d14-Terphenyl 33--141
L46418-3	50	95
L46418-6	46	101
WG99452-1	49	89
WG99452-2	56	101
WG99452-3	47	96
WG99452-4	52	98

WG99555

METHOD BLANK

MB:WG99555-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	Qual
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.42	B
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	<MDL	
Bisphenol A	0.13	0.25	ug/L	<MDL	
Caffeine	0.01	0.02	ug/L	<MDL	
Chrysene	0.01	0.02	ug/L	<MDL	
Di-N-Butyl Phthalate	0.025	0.05	ug/L	<MDL	
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	
Fluoranthene	0.01	0.02	ug/L	<MDL	
Fluorene	0.01	0.02	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	
Naphthalene	0.01	0.02	ug/L	<MDL	
Pentachlorophenol	0.1	0.2	ug/L	<MDL	
Phenanthrene	0.01	0.02	ug/L	<MDL	

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Phenol	0.05	0.1	ug/L	<MDL
Pyrene	0.01	0.02	ug/L	<MDL
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL

SPIKE BLANK

SB:WG99555-2 MB:WG99555-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	1.25	0.609	49		25--100
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	1.25	0.644	52		46--97
4-Methylphenol	0.05	0.1	ug/L	<MDL	1.25	0.654	52		46--83
Acenaphthene	0.01	0.02	ug/L	<MDL	1.25	0.775	62		50--100
Acenaphthylene	0.01	0.02	ug/L	<MDL	1.25	0.908	73		51--107
Anthracene	0.01	0.02	ug/L	<MDL	1.25	1.07	85		50--116
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.1	88		55--122
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	1.25	1.11	89		59--125
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	0.946	76		52--120
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	1.25	0.899	72		59--116
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.36	109		47--140
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	1.25	0.694	56		44--93
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	1.25	1.11	89		49--143
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.42	1.25	1.66	99		10--196
Caffeine	0.01	0.02	ug/L	<MDL	1.25	1.06	85		17--136
Chrysene	0.01	0.02	ug/L	<MDL	1.25	1.08	86		48--127
Di-N-Butyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.43	115		48--133
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.05	84		43--156
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.05	84		57--122
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.06	85		54--136
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.708	57		53--118
Fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.19	95		54--131
Fluorene	0.01	0.02	ug/L	<MDL	1.25	1.01	81		54--117
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.02	81		59--120
Naphthalene	0.01	0.02	ug/L	<MDL	1.25	0.681	54		39--94
Pentachlorophenol	0.1	0.2	ug/L	<MDL	1.25	0.878	70		44--102
Phenanthrene	0.01	0.02	ug/L	<MDL	1.25	0.979	78		55--104
Phenol	0.05	0.1	ug/L	<MDL	1.25	0.772	62		37--97
Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.21	97		52--123

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG99555-4 MS:WG99555-3 L46918-3 Matrix: STORM WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	Qual	RPD	Qual	LabLimit
1,4-Dichlorobenzene	0.0047	0.00943	ug/L	128	1.18	109	-1656	*	25--100	1.18	115	-1174	*			100
2-Methylnaphthalene	0.0094	0.0189	ug/L	0.146	1.18	0.723	49		46--97	1.18	0.695	47		4		100
4-Methylphenol	0.047	0.0943	ug/L	12	1.18	12.1	14	*	46--83	1.18	10.4	-132	*			100
Acenaphthene	0.0094	0.0189	ug/L	0.0708	1.18	0.937	73		50--100	1.18	0.92	72		1		100
Acenaphthylene	0.0094	0.0189	ug/L	0.0839	1.18	1.11	87		51--107	1.18	1.04	81		7		100
Anthracene	0.0094	0.0189	ug/L	0.079	1.18	0.982	77		50--116	1.18	0.943	73		5		100

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Benzo(a)anthracene	0.0094	0.0189	ug/L	0.09	1.18	1.07	83	55--122	1.18	0.955	73	13	100
Benzo(a)pyrene	0.0094	0.0189	ug/L	0.0739	1.18	1.05	83	59--125	1.18	0.974	76	9	100
Benzo(b)fluoranthene	0.0094	0.0189	ug/L	0.0983	1.18	1.06	81	52--120	1.18	1.02	78	4	100
Benzo(g,h,i)perylene	0.0094	0.0189	ug/L	0.052	1.18	0.923	74	59--116	1.18	0.806	64	14	100
Benzo(k)fluoranthene	0.0094	0.0189	ug/L	0.0706	1.18	1.13	90	47--140	1.18	1.04	82	9	100
Benzyl Alcohol	0.047	0.0943	ug/L	5.41	1.18	5.63	19	* 44--93	1.18	5.62	18	* 5	100
Benzyl Butyl Phthalate	0.047	0.0943	ug/L	0.462	1.18	1.44	83	49--143	1.18	1.3	71	16	100
Bis(2-Ethylhexyl)Phthalate	0.024	0.0472	ug/L	2.29	1.18	2.88	49	10--196	1.18	2.54	21	80	100
Caffeine	0.0094	0.0189	ug/L	24.1	1.18	24.6	43	17--136	1.18	23.5	-54	* 80	100
Chrysene	0.0094	0.0189	ug/L	0.101	1.18	0.975	74	48--127	1.18	0.908	68	8	100
Di-N-Butyl Phthalate	0.024	0.0472	ug/L	0.478	1.18	1.27	67	48--133	1.18	1.21	62	8	100
Di-N-Octyl Phthalate	0.024	0.0472	ug/L	<MDL	1.18	1.41	119	43--156	1.18	1.34	114	4	100
Dibenzo(a,h)anthracene	0.0094	0.0189	ug/L	0.0249	1.18	0.948	78	57--122	1.18	0.85	70	11	100
Diethyl Phthalate	0.024	0.0472	ug/L	1.64	1.18	2.7	90	54--136	1.18	2.62	83	8	100
Dimethyl Phthalate	0.024	0.0472	ug/L	0.0936	1.18	1.16	90	53--118	1.18	1.17	91	1	100
Fluoranthene	0.0094	0.0189	ug/L	0.232	1.18	1.01	66	54--131	1.18	0.933	59	11	100
Fluorene	0.0094	0.0189	ug/L	0.135	1.18	1.17	88	54--117	1.18	1.14	85	3	100
Indeno(1,2,3-Cd)Pyrene	0.0094	0.0189	ug/L	0.0403	1.18	0.946	77	59--120	1.18	0.891	72	7	100
Naphthalene	0.0094	0.0189	ug/L	0.0978	1.18	0.727	53	39--94	1.18	0.729	54	2	100
Pentachlorophenol	0.094	0.189	ug/L	0.1	1.18	1.15	89	44--102	1.18	1.09	84	6	100
Phenanthrene	0.0094	0.0189	ug/L	0.419	1.18	1.27	72	55--104	1.18	1.23	69	4	100
Phenol	0.047	0.0943	ug/L	3.23	1.18	3.55	27	* 37--97	1.18	3.6	31	* 14	100
Pyrene	0.0094	0.0189	ug/L	0.254	1.18	1.29	88	52--123	1.18	1.13	74	17	100

SURROGATES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	d14-Terphenyl 33--141
L46918-1	50	96
L46918-3	63	103
L46918-5	53	101
L46918-6	62	92
WG99555-1	68	90
WG99555-2	62	98
WG99555-3	59	108
WG99555-4	56	95

WG100162

METHOD BLANK

MB:WG100162-1 Matrix: BLANK WTR Listtype: ORBNA-SURLLGW Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	Qual
1,2,4-Trichlorobenzene	0.025	0.05	ug/L	<MDL	
1,2-Dichlorobenzene	0.025	0.05	ug/L	<MDL	
1,2-Diphenylhydrazine	0.025	0.05	ug/L	<MDL	
1,3-Dichlorobenzene	0.025	0.05	ug/L	<MDL	
1,4-Dichlorobenzene	0.025	0.05	ug/L	<MDL	

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2,4,5-Trichlorophenol	0.25	0.5	ug/L	<MDL
2,4,6-Trichlorophenol	0.25	0.5	ug/L	<MDL
2,4-Dichlorophenol	0.05	0.1	ug/L	<MDL
2,4-Dimethylphenol	0.025	0.05	ug/L	<MDL
2,4-Dinitrophenol	0.25	1	ug/L	<MDL
2,4-Dinitrotoluene	0.25	0.5	ug/L	<MDL
2,6-Dinitrotoluene	0.25	0.5	ug/L	<MDL
2-Chloronaphthalene	0.025	0.05	ug/L	<MDL
2-Chlorophenol	0.025	0.05	ug/L	<MDL
2-Methylnaphthalene	0.025	0.05	ug/L	<MDL
2-Methylphenol	0.025	0.05	ug/L	<MDL
2-Nitroaniline	0.25	0.5	ug/L	<MDL
2-Nitrophenol	0.1	0.2	ug/L	<MDL
3,3'-Dichlorobenzidine	0.1	0.2	ug/L	<MDL
3-Methylphenol	0.05	0.1	ug/L	<MDL
3-Nitroaniline	0.25	0.5	ug/L	<MDL
4,6-Dinitro-O-Cresol	0.25	1	ug/L	<MDL
4-Bromophenyl Phenyl Ether	0.05	0.1	ug/L	<MDL
4-Chloro-3-Methylphenol	0.1	0.2	ug/L	<MDL
4-Chloroaniline	0.05	0.1	ug/L	<MDL
4-Chlorophenyl Phenyl Ether	0.05	0.1	ug/L	<MDL
4-Methylphenol	0.05	0.1	ug/L	<MDL
4-Nitroaniline	0.25	0.5	ug/L	<MDL
4-Nitrophenol	0.25	0.5	ug/L	<MDL
Acenaphthene	0.01	0.02	ug/L	<MDL
Acenaphthylene	0.01	0.02	ug/L	<MDL
Aniline	0.025	0.05	ug/L	<MDL
Anthracene	0.01	0.02	ug/L	<MDL
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL
Benzoic Acid	0.25	0.5	ug/L	<MDL
Benzyl Alcohol	0.1	0.2	ug/L	<MDL
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL
Bis(2-Chloroethoxy)Methane	0.025	0.05	ug/L	<MDL
Bis(2-Chloroethyl)Ether	0.025	0.05	ug/L	<MDL
Bis(2-Chloroisopropyl)Ether	0.025	0.05	ug/L	<MDL
Bis(2-Ethylhexyl)Phthalate	0.025	0.5	ug/L	0.48
Caffeine	0.025	0.05	ug/L	<MDL
Carbazole	0.025	0.05	ug/L	<MDL
Chrysene	0.01	0.02	ug/L	<MDL
Coprostanol	0.5	1	ug/L	<MDL
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.119
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL

B

B

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Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL
Dibenzofuran	0.025	0.05	ug/L	<MDL
Diethyl Phthalate	0.025	0.5	ug/L	<MDL
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL
Fluoranthene	0.01	0.02	ug/L	<MDL
Fluorene	0.01	0.02	ug/L	<MDL
Hexachlorobenzene	0.025	0.05	ug/L	<MDL
Hexachlorobutadiene	0.05	0.1	ug/L	<MDL
Hexachlorocyclopentadiene	0.25	0.5	ug/L	<MDL
Hexachloroethane	0.05	0.1	ug/L	<MDL
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL
Isophorone	0.05	0.1	ug/L	<MDL
N-Nitrosodi-N-Propylamine	0.05	0.1	ug/L	<MDL
N-Nitrosodimethylamine	0.025	0.05	ug/L	<MDL
N-Nitrosodiphenylamine	0.025	0.05	ug/L	<MDL
Naphthalene	0.01	0.02	ug/L	<MDL
Nitrobenzene	0.025	0.05	ug/L	<MDL
Pentachlorophenol	0.25	0.5	ug/L	<MDL
Phenanthrene	0.01	0.025	ug/L	<MDL
Phenol	0.025	0.05	ug/L	<MDL
Pyrene	0.01	0.02	ug/L	<MDL
Pyridine	0.05	0.1	ug/L	<MDL

SPIKE BLANK

SB:WG100162-2 MB:WG100162-1 Matrix: BLANK WTR Listtype: ORBNA-SURLLGW Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
1,2,4-Trichlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.53	61		32--102
1,2-Dichlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.46	59		28--76
1,2-Diphenylhydrazine	0.025	0.05	ug/L	<MDL	2.5	1.47	59		10--133
1,3-Dichlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.79	72		22--75
1,4-Dichlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.18	47		25--100
2,4,5-Trichlorophenol	0.25	0.5	ug/L	<MDL	2.5	1.22	49		43--109
2,4,6-Trichlorophenol	0.25	0.5	ug/L	<MDL	2.5	1.54	62		46--99
2,4-Dichlorophenol	0.05	0.1	ug/L	<MDL	2.5	1.64	66		57--82
2,4-Dimethylphenol	0.025	0.05	ug/L	<MDL	2.5	0.371	15		13--75
2,4-Dinitrophenol	0.25	1	ug/L	<MDL	2.5	0.99	39		36--112
2,4-Dinitrotoluene	0.25	0.5	ug/L	<MDL	2.5	1.73	69		50--128
2,6-Dinitrotoluene	0.25	0.5	ug/L	<MDL	2.5	1.71	68		40--114
2-Chloronaphthalene	0.025	0.05	ug/L	<MDL	2.5	1.39	56		51--79
2-Chlorophenol	0.025	0.05	ug/L	<MDL	2.5	1.75	70		41--94
2-Methylnaphthalene	0.025	0.05	ug/L	<MDL	2.5	1.5	60		46--97
2-Methylphenol	0.025	0.05	ug/L	<MDL	2.5	1.49	60		47--83
2-Nitroaniline	0.25	0.5	ug/L	<MDL	2.5	1.39	56		48--97
2-Nitrophenol	0.1	0.2	ug/L	<MDL	2.5	1.73	69		44--100
3,3'-Dichlorobenzidine	0.1	0.2	ug/L	<MDL	2.5	0.558	22		10--148
3-Methylphenol	0.05	0.1	ug/L	<MDL	2.5	1.43	57		47--83

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3-Nitroaniline	0.25	0.5	ug/L	<MDL	2.5	0.799	32	10--120
4,6-Dinitro-O-Cresol	0.25	1	ug/L	<MDL	2.5	1.71	68	38--93
4-Bromophenyl Phenyl Ether	0.05	0.1	ug/L	<MDL	2.5	2.37	95	53--98
4-Chloro-3-Methylphenol	0.1	0.2	ug/L	<MDL	2.5	1.63	65	48--95
4-Chloroaniline	0.05	0.1	ug/L	<MDL	2.5	0.498	20	10--84
4-Chlorophenyl Phenyl Ether	0.05	0.1	ug/L	<MDL	2.5	1.91	76	53--100
4-Methylphenol	0.05	0.1	ug/L	<MDL	2.5	1.43	57	46--83
4-Nitroaniline	0.25	0.5	ug/L	<MDL	2.5	0.789	32	16--116
4-Nitrophenol	0.25	0.5	ug/L	<MDL	2.5	1.21	48	45--126
Acenaphthene	0.01	0.02	ug/L	<MDL	2.5	1.7	68	50--100
Acenaphthylene	0.01	0.02	ug/L	<MDL	2.5	1.89	75	51--107
Aniline	0.025	0.05	ug/L	<MDL	2.5	0.159	6	* 0--91
Anthracene	0.01	0.02	ug/L	<MDL	2.5	1.96	79	50--116
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	2.5	2.23	89	55--122
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	2.5	1.99	80	59--125
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	2.5	2.15	86	52--120
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	2.5	1.94	78	59--116
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	2.5	1.85	74	47--140
Benzoic Acid	0.25	0.5	ug/L	<MDL	2.5	2.16	86	10--128
Benzyl Alcohol	0.1	0.2	ug/L	<MDL	2.5	1.35	54	44--93
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	2.5	1.88	75	49--143
Bis(2-Chloroethoxy)Methane	0.025	0.05	ug/L	<MDL	2.5	1.69	68	57--92
Bis(2-Chloroethyl)Ether	0.025	0.05	ug/L	<MDL	2.5	1.24	50	33--91
Bis(2-Chloroisopropyl)Ether	0.025	0.05	ug/L	<MDL	2.5	1.68	67	44--89
Bis(2-Ethylhexyl)Phthalate	0.025	0.5	ug/L	0.48	2.5	2.2	69	10--196
Caffeine	0.025	0.05	ug/L	<MDL	2.5	1.21	48	17--136
Carbazole	0.025	0.05	ug/L	<MDL	2.5	1.64	66	48--116
Chrysene	0.01	0.02	ug/L	<MDL	2.5	1.86	74	48--127
Coprostanol	0.5	1	ug/L	<MDL	25	8.2	33	13--147
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.119	2.5	2.1	79	48--133
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	2.5	1.81	73	43--156
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	2.5	2.08	83	57--122
Dibenzofuran	0.025	0.05	ug/L	<MDL	2.5	1.76	71	55--93
Diethyl Phthalate	0.025	0.5	ug/L	<MDL	2.5	1.71	69	54--136
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	2.5	1.61	64	53--118
Fluoranthene	0.01	0.02	ug/L	<MDL	2.5	2.03	81	54--131
Fluorene	0.01	0.02	ug/L	<MDL	2.5	1.66	66	54--117
Hexachlorobenzene	0.025	0.05	ug/L	<MDL	2.5	2.01	80	53--95
Hexachlorobutadiene	0.05	0.1	ug/L	<MDL	2.5	1.52	61	25--77
Hexachlorocyclopentadiene	0.25	0.5	ug/L	<MDL	2.5	0.577	23	10--64
Hexachloroethane	0.05	0.1	ug/L	<MDL	2.5	1.4	56	13--80
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	2.5	2.05	82	59--120
Isophorone	0.05	0.1	ug/L	<MDL	2.5	1.31	53	28--114
N-Nitrosodi-N-Propylamine	0.05	0.1	ug/L	<MDL	2.5	1.88	75	33--139
N-Nitrosodimethylamine	0.025	0.05	ug/L	<MDL	2.5	1.28	51	40--95
N-Nitrosodiphenylamine	0.025	0.05	ug/L	<MDL	2.5	1.39	56	10--131

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Naphthalene	0.01	0.02	ug/L	<MDL	2.5	1.64	66	39--94
Nitrobenzene	0.025	0.05	ug/L	<MDL	2.5	1.6	64	48--101
Pentachlorophenol	0.25	0.5	ug/L	<MDL	2.5	1.74	70	44--102
Phenanthrene	0.01	0.025	ug/L	<MDL	2.5	2.12	85	55--104
Phenol	0.025	0.05	ug/L	<MDL	2.5	1.56	63	37--97
Pyrene	0.01	0.02	ug/L	<MDL	2.5	1.8	72	52--123
Pyridine	0.05	0.1	ug/L	<MDL	2.5	0.135	5	* 0--35

SURROGATES

Surrogate: (Lab Limits)	2,4,6-Tribromophenol 10--123	2-Fluorobiphenyl 43--116	2-Fluorophenol 21--110	d14-Terphenyl 33--141
L47190-2	73	67	72	94
WG100162-1	34	64	46	83
WG100162-2	68	48	42	83
Surrogate: (Lab Limits)	d4-1,2-Dichlorobenzene 16--110	d4-2-Chlorophenol 33--110	d5-Nitrobenzene 35--114	d5-Phenol 10--110
L47190-2	58	71	65	70
WG100162-1	41	54	56	50
WG100162-2	51	68	63	67

WG100164

METHOD BLANK

MB:WG100164-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	Qual
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.373	B
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	<MDL	
Bisphenol A	0.13	0.25	ug/L	<MDL	
Caffeine	0.01	0.02	ug/L	<MDL	
Carbazole	0.01	0.02	ug/L	<MDL	
Chrysene	0.01	0.02	ug/L	<MDL	
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.03	B
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	

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Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL
Dibenzofuran	0.01	0.02	ug/L	<MDL
Diethyl Phthalate	0.025	0.05	ug/L	<MDL
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL
Fluoranthene	0.01	0.02	ug/L	<MDL
Fluorene	0.01	0.02	ug/L	<MDL
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL
Naphthalene	0.01	0.02	ug/L	<MDL
Pentachlorophenol	0.1	0.2	ug/L	<MDL
Phenanthrene	0.01	0.02	ug/L	<MDL
Phenol	0.05	0.1	ug/L	<MDL
Pyrene	0.01	0.02	ug/L	<MDL
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL

SPIKE BLANK

SB:WG100164-2 MB:WG100164-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	1.25	0.532	43		25--100
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	1.25	0.667	53		46--97
4-Methylphenol	0.05	0.1	ug/L	<MDL	1.25	0.669	54		46--83
Acenaphthene	0.01	0.02	ug/L	<MDL	1.25	0.685	55		50--100
Acenaphthylene	0.01	0.02	ug/L	<MDL	1.25	0.871	70		51--107
Anthracene	0.01	0.02	ug/L	<MDL	1.25	0.945	76		50--116
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.04	83		55--122
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	1.25	0.993	79		59--125
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	0.894	72		52--120
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	1.25	0.804	64		59--116
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.07	85		47--140
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	1.25	0.692	55		44--93
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	1.25	0.903	72		49--143
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.373	1.25	14.3	1115	*	10--196
Caffeine	0.01	0.02	ug/L	<MDL	1.25	0.814	65		17--136
Carbazole	0.01	0.02	ug/L	<MDL	1.25	0.78	62		48--116
Chrysene	0.01	0.02	ug/L	<MDL	1.25	0.911	73		48--127
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.03	1.25	0.974	76		48--133
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.1	88		43--156
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	1.25	0.883	71		57--122
Dibenzofuran	0.01	0.02	ug/L	<MDL	1.25	0.726	58		55--93
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.735	59		54--136
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.8	64		53--118
Fluoranthene	0.01	0.02	ug/L	<MDL	1.25	0.871	70		54--131
Fluorene	0.01	0.02	ug/L	<MDL	1.25	0.736	59		54--117
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	1.25	0.948	76		59--120
Naphthalene	0.01	0.02	ug/L	<MDL	1.25	0.686	55		39--94

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Pentachlorophenol	0.1	0.2	ug/L	<MDL	1.25	0.939	75		44--102
Phenanthrene	0.01	0.02	ug/L	<MDL	1.25	0.977	78		55--104
Phenol	0.05	0.1	ug/L	<MDL	1.25	0.681	54		37--97
Pyrene	0.01	0.02	ug/L	<MDL	1.25	0.846	68		52--123

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG100164-4 MS:WG100164-3 L47190-4 Matrix: STORM WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	RPD	Qual	LabLimit
1,4-Dichlorobenzene	0.0047	0.00943	ug/L	0.152	1.18	0.851	59		25--100	1.18	0.84	58	2		100
2-Methylnaphthalene	0.0094	0.0189	ug/L	2.4	1.18	3.19	67		46--97	1.18	3.32	78	15		100
4-Methylphenol	0.047	0.0943	ug/L	0.69	1.18	1.25	48		46--83	1.18	2.09	119	85		100
Acenaphthene	0.0094	0.0189	ug/L	<MDL	1.18	0.912	77		50--100	1.18	0.806	68	12		100
Acenaphthylene	0.0094	0.0189	ug/L	<MDL	1.18	0.927	79		51--107	1.18	0.878	74	7		100
Anthracene	0.0094	0.0189	ug/L	0.109	1.18	0.867	64		50--116	1.18	0.901	67	5		100
Benzo(a)anthracene	0.0094	0.0189	ug/L	0.0978	1.18	0.967	74		55--122	1.18	1.04	80	8		100
Benzo(a)pyrene	0.0094	0.0189	ug/L	0.0758	1.18	0.889	69		59--125	1.18	0.935	73	6		100
Benzo(b)fluoranthene	0.0094	0.0189	ug/L	0.103	1.18	0.951	72		52--120	1.18	1.12	86	18		100
Benzo(g,h,i)perylene	0.0094	0.0189	ug/L	0.0699	1.18	0.782	60		59--116	1.18	0.82	64	6		100
Benzo(k)fluoranthene	0.0094	0.0189	ug/L	0.0559	1.18	0.901	72		47--140	1.18	0.912	73	1		100
Benzyl Alcohol	0.047	0.0943	ug/L	<MDL	1.18	0.965	82		44--93	1.18	1.04	88	7		100
Benzyl Butyl Phthalate	0.047	0.0943	ug/L	0.408	1.18	1.09	58		49--143	1.18	1.19	66	13		100
Bis(2-Ethylhexyl)Phthalate	0.024	0.0472	ug/L	2.93	1.18	3.8	74		10--196	1.18	3.44	43	53		100
Caffeine	0.0094	0.0189	ug/L	5.22	1.18	6.28	90		17--136	1.18	6.6	117	26		100
Carbazole	0.0094	0.0189	ug/L	0.0983	1.18	0.749	55		48--116	1.18	0.747	55	0		100
Chrysene	0.0094	0.0189	ug/L	0.142	1.18	0.899	64		48--127	1.18	0.924	66	3		100
Di-N-Butyl Phthalate	0.024	0.0472	ug/L	0.282	1.18	0.926	55		48--133	1.18	1.04	65	17		100
Di-N-Octyl Phthalate	0.024	0.0472	ug/L	<MDL	1.18	1.3	110		43--156	1.18	1.48	125	13		100
Dibenzo(a,h)anthracene	0.0094	0.0189	ug/L	0.019	1.18	0.714	59		57--122	1.18	0.75	62	5		100
Dibenzofuran	0.0094	0.0189	ug/L	0.149	1.18	0.894	63		55--93	1.18	0.852	60	5		100
Diethyl Phthalate	0.024	0.0472	ug/L	0.459	1.18	1.32	73		54--136	1.18	1.34	75	3		100
Dimethyl Phthalate	0.024	0.0472	ug/L	<MDL	1.18	0.842	71		53--118	1.18	0.819	69	3		100
Fluoranthene	0.0094	0.0189	ug/L	<MDL	1.18	0.724	61		54--131	1.18	0.692	59	3		100
Fluorene	0.0094	0.0189	ug/L	0.273	1.18	1.08	69		54--117	1.18	0.953	58	17		100
Indeno(1,2,3-Cd)Pyrene	0.0094	0.0189	ug/L	0.04	1.18	0.742	60		59--120	1.18	0.756	61	2		100
Naphthalene	0.0094	0.0189	ug/L	1.29	1.18	1.94	55		39--94	1.18	1.96	56	2		100
Pentachlorophenol	0.094	0.189	ug/L	0.294	1.18	1.22	79		44--102	1.18	1.35	90	13		100
Phenanthrene	0.0094	0.0189	ug/L	0.594	1.18	1.47	74		55--104	1.18	1.49	76	3		100
Phenol	0.047	0.0943	ug/L	0.123	1.18	0.682	47		37--97	1.18	0.786	56	17		100
Pyrene	0.0094	0.0189	ug/L	0.222	1.18	0.936	60		52--123	1.18	1.02	68	13		100

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SURROGAGES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	d14-Terphenyl 33--141
L47190-4	56	78
WG100164-1	51	78
WG100164-2	47	80
WG100164-3	59	79
WG100164-4	46	85

WG101390

METHOD BLANK

MB:WG101390-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	Qual
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.239	B
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	<MDL	
Bisphenol A	0.13	0.25	ug/L	<MDL	
Caffeine	0.01	0.02	ug/L	<MDL	
Carbazole	0.01	0.02	ug/L	<MDL	
Chrysene	0.01	0.02	ug/L	<MDL	
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0591	B
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	
Dibenzofuran	0.01	0.02	ug/L	<MDL	
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	
Fluoranthene	0.01	0.02	ug/L	<MDL	
Fluorene	0.01	0.02	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	
Naphthalene	0.01	0.02	ug/L	<MDL	
Pentachlorophenol	0.1	0.2	ug/L	<MDL	

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Phenanthrene	0.01	0.02	ug/L	<MDL
Phenol	0.05	0.1	ug/L	<MDL
Pyrene	0.01	0.02	ug/L	<MDL
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL

SPIKE BLANK

SB:WG101390-2 MB:WG101390-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	1.25	0.744	60		25--100
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	1.25	0.796	64		46--97
4-Methylphenol	0.05	0.1	ug/L	<MDL	1.25	0.813	65		46--83
Acenaphthene	0.01	0.02	ug/L	<MDL	1.25	0.935	75		50--100
Acenaphthylene	0.01	0.02	ug/L	<MDL	1.25	1.09	88		51--107
Anthracene	0.01	0.02	ug/L	<MDL	1.25	1.06	85		50--116
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.1	88		55--122
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	1.25	1.09	87		59--125
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.11	89		52--120
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	1.25	0.973	78		59--116
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.43	114		47--140
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	1.25	0.781	62		44--93
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	1.25	0.897	72		49--143
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.239	1.25	1.13	71		10--196
Caffeine	0.01	0.02	ug/L	<MDL	1.25	1.06	85		17--136
Carbazole	0.01	0.02	ug/L	<MDL	1.25	0.963	77		50--150
Chrysene	0.01	0.02	ug/L	<MDL	1.25	1.11	89		48--127
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0591	1.25	1.31	100		48--133
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.99	79		43--156
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	1.25	1.08	87		57--122
Dibenzofuran	0.01	0.02	ug/L	<MDL	1.25	0.9	72		50--150
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.842	67		54--136
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.688	55		53--118
Fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.12	90		54--131
Fluorene	0.01	0.02	ug/L	<MDL	1.25	0.927	74		54--117
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.12	89		59--120
Naphthalene	0.01	0.02	ug/L	<MDL	1.25	0.876	70		39--94
Pentachlorophenol	0.1	0.2	ug/L	<MDL	1.25	0.17	13	*	44--102
Phenanthrene	0.01	0.02	ug/L	<MDL	1.25	0.949	76		55--104
Phenol	0.05	0.1	ug/L	<MDL	1.25	1.01	81		37--97
Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.17	94		52--123

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE

MSD:WG101390-4 MS:WG101390-3 L47597-2 Matrix: STORM WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	SampValue	TrueValue	MS Value	% Rec.	Qual	LabLimit	TrueValue	MSD Value	% Rec.	RPD	Qual	LabLimit
1,4-Dichlorobenzene	0.0047	0.00943	ug/L	1.03	1.18	1.8	66		25--100	1.18	1.88	72	9		100
2-Methylnaphthalene	0.0094	0.0189	ug/L	0.234	1.18	1.11	74		46--97	1.18	0.99	64	14		100
4-Methylphenol	0.047	0.0943	ug/L	6.93	1.18	8.5	133	*	46--83	1.18	6.66	-23			100

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Acenaphthene	0.0094	0.0189	ug/L	0.0449	1.18	0.977	79	50--100	1.18	0.895	72	9	100
Acenaphthylene	0.0094	0.0189	ug/L	<MDL	1.18	1.13	96	51--107	1.18	1.02	87	10	100
Anthracene	0.0094	0.0189	ug/L	0.0528	1.18	0.978	78	50--116	1.18	0.885	71	9	100
Benzo(a)anthracene	0.0094	0.0189	ug/L	0.11	1.18	1.14	88	55--122	1.18	1.21	93	6	100
Benzo(a)pyrene	0.0094	0.0189	ug/L	0.135	1.18	1.22	92	59--125	1.18	1.29	98	6	100
Benzo(b)fluoranthene	0.0094	0.0189	ug/L	0.188	1.18	1.51	112	52--120	1.18	1.51	112	0	100
Benzo(g,h,i)perylene	0.0094	0.0189	ug/L	0.105	1.18	0.947	71	59--116	1.18	1.04	79	11	100
Benzo(k)fluoranthene	0.0094	0.0189	ug/L	0.129	1.18	1.26	96	47--140	1.18	1.35	103	7	100
Benzyl Alcohol	0.047	0.0943	ug/L	1.2	1.18	2.22	86	44--93	1.18	2.12	78	10	100
Benzyl Butyl Phthalate	0.047	0.0943	ug/L	0.721	1.18	2.56	156	* 49--143	1.18	1.75	87	57	100
Bis(2-Ethylhexyl)Phthalate	0.024	0.0472	ug/L	3.9	1.18	6.13	189	10--196	1.18	4.78	75	86	100
Caffeine	0.0094	0.0189	ug/L	15.5	1.18	16.3	65	17--136	1.18	15.6	6	166	* 100
Carbazole	0.0094	0.0189	ug/L	<MDL	1.18	0.967	82	50--150	1.18	0.872	74	10	100
Chrysene	0.0094	0.0189	ug/L	0.181	1.18	1.14	81	48--127	1.18	1.22	88	8	100
Di-N-Butyl Phthalate	0.024	0.0472	ug/L	0.243	1.18	1.61	116	48--133	1.18	1.15	77	40	100
Di-N-Octyl Phthalate	0.024	0.0472	ug/L	<MDL	1.18	2.02	172	* 43--156	1.18	1.67	142	19	100
Dibenzo(a,h)anthracene	0.0094	0.0189	ug/L	0.0302	1.18	0.957	79	57--122	1.18	0.965	79	0	100
Dibenzofuran	0.0094	0.0189	ug/L	<MDL	1.18	0.934	79	50--150	1.18	0.882	75	5	100
Diethyl Phthalate	0.024	0.0472	ug/L	1.73	1.18	2.63	76	54--136	1.18	2.64	77	1	100
Dimethyl Phthalate	0.024	0.0472	ug/L	<MDL	1.18	1.15	97	53--118	1.18	1.1	93	4	100
Fluoranthene	0.0094	0.0189	ug/L	0.265	1.18	1.14	74	54--131	1.18	1.29	87	16	100
Fluorene	0.0094	0.0189	ug/L	0.0619	1.18	0.997	79	54--117	1.18	0.925	73	8	100
Indeno(1,2,3-Cd)Pyrene	0.0094	0.0189	ug/L	0.093	1.18	1.02	79	59--120	1.18	1.09	85	7	100
Naphthalene	0.0094	0.0189	ug/L	0.34	1.18	1.09	63	39--94	1.18	1.07	62	2	100
Pentachlorophenol	0.094	0.189	ug/L	<MDL	1.18	1.26	107	* 44--102	1.18	1.14	97	10	100
Phenanthrene	0.0094	0.0189	ug/L	0.25	1.18	1.2	80	55--104	1.18	1.3	89	11	100
Phenol	0.047	0.0943	ug/L	1.18	1.18	2.25	91	37--97	1.18	2.08	76	18	100
Pyrene	0.0094	0.0189	ug/L	0.33	1.18	1.21	75	52--123	1.18	1.74	119	45	100

SURROGATES

Surrogate:	2-Fluorobiphenyl	d14-Terphenyl
(Lab Limits)	43--116	33--141
L47597-2	86	122
WG101390-1	82	99
WG101390-2	65	87
WG101390-3	82	122
WG101390-4	87	108

WG101391

METHOD BLANK

MB:WG101391-1 Matrix: BLANK WTR Listtype: ORBNA-SURLLGW Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	Qual
1,2,4-Trichlorobenzene	0.025	0.05	ug/L	<MDL	
1,2-Dichlorobenzene	0.025	0.05	ug/L	<MDL	
1,2-Diphenylhydrazine	0.025	0.05	ug/L	<MDL	

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1,3-Dichlorobenzene	0.025	0.05	ug/L	<MDL
1,4-Dichlorobenzene	0.025	0.05	ug/L	<MDL
2,4,5-Trichlorophenol	0.25	0.5	ug/L	<MDL
2,4,6-Trichlorophenol	0.25	0.5	ug/L	<MDL
2,4-Dichlorophenol	0.05	0.1	ug/L	<MDL
2,4-Dimethylphenol	0.025	0.05	ug/L	<MDL
2,4-Dinitrophenol	0.25	1	ug/L	<MDL
2,4-Dinitrotoluene	0.25	0.5	ug/L	<MDL
2,6-Dinitrotoluene	0.25	0.5	ug/L	<MDL
2-Chloronaphthalene	0.025	0.05	ug/L	<MDL
2-Chlorophenol	0.025	0.05	ug/L	<MDL
2-Methylnaphthalene	0.025	0.05	ug/L	<MDL
2-Methylphenol	0.025	0.05	ug/L	<MDL
2-Nitroaniline	0.25	0.5	ug/L	<MDL
2-Nitrophenol	0.1	0.2	ug/L	<MDL
3,3'-Dichlorobenzidine	0.1	0.2	ug/L	<MDL
3-Methylphenol	0.05	0.1	ug/L	<MDL
3-Nitroaniline	0.25	0.5	ug/L	<MDL
4,6-Dinitro-O-Cresol	0.25	1	ug/L	<MDL
4-Bromophenyl Phenyl Ether	0.05	0.1	ug/L	<MDL
4-Chloro-3-Methylphenol	0.1	0.2	ug/L	<MDL
4-Chloroaniline	0.05	0.1	ug/L	<MDL
4-Chlorophenyl Phenyl Ether	0.05	0.1	ug/L	<MDL
4-Methylphenol	0.05	0.1	ug/L	<MDL
4-Nitroaniline	0.25	0.5	ug/L	<MDL
4-Nitrophenol	0.25	0.5	ug/L	<MDL
Acenaphthene	0.01	0.02	ug/L	<MDL
Acenaphthylene	0.01	0.02	ug/L	<MDL
Aniline	0.025	0.05	ug/L	<MDL
Anthracene	0.01	0.02	ug/L	<MDL
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL
Benzoic Acid	0.25	0.5	ug/L	<MDL
Benzyl Alcohol	0.1	0.2	ug/L	<MDL
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL
Bis(2-Chloroethoxy)Methane	0.025	0.05	ug/L	<MDL
Bis(2-Chloroethyl)Ether	0.025	0.05	ug/L	<MDL
Bis(2-Chloroisopropyl)Ether	0.025	0.05	ug/L	<MDL
Bis(2-Ethylhexyl)Phthalate	0.025	0.5	ug/L	1.92
Caffeine	0.025	0.05	ug/L	<MDL
Carbazole	0.025	0.05	ug/L	<MDL
Chrysene	0.01	0.02	ug/L	<MDL
Coprostanol	0.5	1	ug/L	<MDL

B

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Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0686	B
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	
Dibenzofuran	0.025	0.05	ug/L	<MDL	
Diethyl Phthalate	0.025	0.5	ug/L	<MDL	
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	
Fluoranthene	0.01	0.02	ug/L	<MDL	
Fluorene	0.01	0.02	ug/L	<MDL	
Hexachlorobenzene	0.025	0.05	ug/L	<MDL	
Hexachlorobutadiene	0.05	0.1	ug/L	<MDL	
Hexachlorocyclopentadiene	0.25	0.5	ug/L	<MDL	
Hexachloroethane	0.05	0.1	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	
Isophorone	0.05	0.1	ug/L	<MDL	
N-Nitrosodi-N-Propylamine	0.05	0.1	ug/L	<MDL	
N-Nitrosodimethylamine	0.025	0.05	ug/L	<MDL	
N-Nitrosodiphenylamine	0.025	0.05	ug/L	<MDL	
Naphthalene	0.01	0.02	ug/L	<MDL	
Nitrobenzene	0.025	0.05	ug/L	<MDL	
Pentachlorophenol	0.25	0.5	ug/L	<MDL	
Phenanthrene	0.01	0.025	ug/L	<MDL	
Phenol	0.025	0.05	ug/L	<MDL	
Pyrene	0.01	0.02	ug/L	<MDL	
Pyridine	0.05	0.1	ug/L	<MDL	

SPIKE BLANK

SB:WG101391-2 MB:WG101391-1 Matrix: BLANK WTR Listtype: ORBNA-SURLLGW Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
1,2,4-Trichlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.43	57		32--102
1,2-Dichlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.45	58		28--76
1,2-Diphenylhydrazine	0.025	0.05	ug/L	<MDL	2.5	2.35	94		10--133
1,3-Dichlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.41	57		22--75
1,4-Dichlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.33	53		25--100
2,4,5-Trichlorophenol	0.25	0.5	ug/L	<MDL	2.5	2.24	90		43--109
2,4,6-Trichlorophenol	0.25	0.5	ug/L	<MDL	2.5	2.08	83		46--99
2,4-Dichlorophenol	0.05	0.1	ug/L	<MDL	2.5	1.56	63		57--82
2,4-Dimethylphenol	0.025	0.05	ug/L	<MDL	2.5	0.674	27		13--75
2,4-Dinitrophenol	0.25	1	ug/L	<MDL	2.5	1.44	57		36--112
2,4-Dinitrotoluene	0.25	0.5	ug/L	<MDL	2.5	1.85	74		50--128
2,6-Dinitrotoluene	0.25	0.5	ug/L	<MDL	2.5	1.89	76		40--114
2-Chloronaphthalene	0.025	0.05	ug/L	<MDL	2.5	1.64	65		51--79
2-Chlorophenol	0.025	0.05	ug/L	<MDL	2.5	2.24	90		41--94
2-Methylnaphthalene	0.025	0.05	ug/L	<MDL	2.5	1.47	59		46--97
2-Methylphenol	0.025	0.05	ug/L	<MDL	2.5	1.85	74		47--88
2-Nitroaniline	0.25	0.5	ug/L	<MDL	2.5	1.71	69		48--97
2-Nitrophenol	0.1	0.2	ug/L	<MDL	2.5	1.77	71		44--100

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3,3'-Dichlorobenzidine	0.1	0.2	ug/L	<MDL	2.5	1.2	48	10--148
3-Methylphenol	0.05	0.1	ug/L	<MDL	2.5	1.7	68	47--83
3-Nitroaniline	0.25	0.5	ug/L	<MDL	2.5	1.33	53	10--120
4,6-Dinitro-O-Cresol	0.25	1	ug/L	<MDL	2.5	2.11	84	38--93
4-Bromophenyl Phenyl Ether	0.05	0.1	ug/L	<MDL	2.5	2.32	93	53--98
4-Chloro-3-Methylphenol	0.1	0.2	ug/L	<MDL	2.5	2.07	83	48--95
4-Chloroaniline	0.05	0.1	ug/L	<MDL	2.5	1.3	52	10--84
4-Chlorophenyl Phenyl Ether	0.05	0.1	ug/L	<MDL	2.5	2.22	89	53--100
4-Methylphenol	0.05	0.1	ug/L	<MDL	2.5	1.7	68	46--83
4-Nitroaniline	0.25	0.5	ug/L	<MDL	2.5	1.37	55	16--116
4-Nitrophenol	0.25	0.5	ug/L	<MDL	2.5	1.47	59	45--126
Acenaphthene	0.01	0.02	ug/L	<MDL	2.5	1.94	78	50--100
Acenaphthylene	0.01	0.02	ug/L	<MDL	2.5	2.28	91	51--107
Aniline	0.025	0.05	ug/L	<MDL	2.5	0.41	16	10--91
Anthracene	0.01	0.02	ug/L	<MDL	2.5	2.16	86	50--116
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	2.5	2.31	93	55--122
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	2.5	2.4	96	59--125
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	2.5	2.47	99	52--120
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	2.5	2.15	86	59--116
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	2.5	2.78	111	47--140
Benzoic Acid	0.25	0.5	ug/L	<MDL	2.5	2.29	92	10--128
Benzyl Alcohol	0.1	0.2	ug/L	<MDL	2.5	1.79	72	44--93
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	2.5	2.27	91	49--143
Bis(2-Chloroethoxy)Methane	0.025	0.05	ug/L	<MDL	2.5	1.98	79	57--92
Bis(2-Chloroethyl)Ether	0.025	0.05	ug/L	<MDL	2.5	1.82	73	33--91
Bis(2-Chloroisopropyl)Ether	0.025	0.05	ug/L	<MDL	2.5	1.78	71	44--89
Bis(2-Ethylhexyl)Phthalate	0.025	0.5	ug/L	1.92	2.5	2.31	15	10--196
Caffeine	0.025	0.05	ug/L	<MDL	2.5	2.35	94	17--136
Carbazole	0.025	0.05	ug/L	<MDL	2.5	2.21	88	48--116
Chrysene	0.01	0.02	ug/L	<MDL	2.5	2.23	89	48--127
Coprostanol	0.5	1	ug/L	<MDL	25	8.26	33	13--147
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0686	2.5	2.67	104	48--133
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	2.5	2.33	93	43--156
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	2.5	2.41	97	57--122
Dibenzofuran	0.025	0.05	ug/L	<MDL	2.5	1.93	77	55--93
Diethyl Phthalate	0.025	0.5	ug/L	<MDL	2.5	2.51	100	54--136
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	2.5	2.42	97	53--118
Fluoranthene	0.01	0.02	ug/L	<MDL	2.5	2.2	88	54--131
Fluorene	0.01	0.02	ug/L	<MDL	2.5	2.2	88	54--117
Hexachlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.98	79	53--95
Hexachlorobutadiene	0.05	0.1	ug/L	<MDL	2.5	1.37	55	25--77
Hexachlorocyclopentadiene	0.25	0.5	ug/L	<MDL	2.5	0.29	12	10--64
Hexachloroethane	0.05	0.1	ug/L	<MDL	2.5	1.43	57	13--80
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	2.5	2.46	99	59--120
Isophorone	0.05	0.1	ug/L	<MDL	2.5	1.39	56	28--114
N-Nitrosodi-N-Propylamine	0.05	0.1	ug/L	<MDL	2.5	1.93	77	33--139

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N-Nitrosodimethylamine	0.025	0.05	ug/L	<MDL	2.5	2.23	89	40--95
N-Nitrosodiphenylamine	0.025	0.05	ug/L	<MDL	2.5	2.17	87	10--131
Naphthalene	0.01	0.02	ug/L	<MDL	2.5	1.68	67	39--94
Nitrobenzene	0.025	0.05	ug/L	<MDL	2.5	2.21	88	48--101
Pentachlorophenol	0.25	0.5	ug/L	<MDL	2.5	1.88	75	44--102
Phenanthrene	0.01	0.025	ug/L	<MDL	2.5	2.08	83	55--104
Phenol	0.025	0.05	ug/L	<MDL	2.5	2.05	82	37--97
Pyrene	0.01	0.02	ug/L	<MDL	2.5	2.76	110	52--123
Pyridine	0.05	0.1	ug/L	<MDL	2.5	<MDL	0	* 10--35

SURROGATES

Surrogate: (Lab Limits)	2,4,6-Tribromophenol 10--123	2-Fluorobiphenyl 43--116	2-Fluorophenol 21--110	d14-Terphenyl 33--141
L47597-3	66	77	64	91
L47597-4	68	93	66	95
L47597-5	70	94	94	116
WG101391-1	27	89	94	91
WG101391-2	30	53	55	50
Surrogate: (Lab Limits)	d4-1,2-Dichlorobenzene 16--110	d4-2-Chlorophenol 33--110	d5-Nitrobenzene 35--114	d5-Phenol 10--110
L47597-3	71	78	107	175 *
L47597-4	91	88	73	197 *
L47597-5	69	77	70	82
WG101391-1	48	70	75	74
WG101391-2	36	41	41	42

WG101538

METHOD BLANK

MB:WG101538-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	Qual
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.81	B
Bis(2-ethylhexyl)adipate	0.05	0.1	ug/L	<MDL	

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Bisphenol A	0.13	0.25	ug/L	<MDL	
Caffeine	0.01	0.02	ug/L	<MDL	
Carbazole	0.01	0.02	ug/L	<MDL	
Chrysene	0.01	0.02	ug/L	<MDL	
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0608	B
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	
Dibenzofuran	0.01	0.02	ug/L	<MDL	
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	
Fluoranthene	0.01	0.02	ug/L	<MDL	
Fluorene	0.01	0.02	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	
Naphthalene	0.01	0.02	ug/L	<MDL	
Pentachlorophenol	0.1	0.2	ug/L	<MDL	
Phenanthrene	0.01	0.02	ug/L	<MDL	
Phenol	0.05	0.1	ug/L	<MDL	
Pyrene	0.01	0.02	ug/L	<MDL	
Total 4-Nonylphenol	0.05	0.1	ug/L	<MDL	

SPIKE BLANK

SB:WG101538-2 MB:WG101538-1 Matrix: BLANK WTR Listtype: ORPAHPHTH-SUR Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
1,4-Dichlorobenzene	0.005	0.01	ug/L	<MDL	1.25	0.818	65		25--100
2-Methylnaphthalene	0.01	0.02	ug/L	<MDL	1.25	0.636	51		46--97
4-Methylphenol	0.05	0.1	ug/L	<MDL	1.25	0.518	41	*	46--83
Acenaphthene	0.01	0.02	ug/L	<MDL	1.25	0.782	63		50--100
Acenaphthylene	0.01	0.02	ug/L	<MDL	1.25	0.818	65		51--107
Anthracene	0.01	0.02	ug/L	<MDL	1.25	0.948	76		50--116
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	1.25	0.942	75		55--122
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	1.25	1	80		59--125
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	0.93	74		52--120
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	1.25	0.763	61		59--116
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	1.25	1.24	100		47--140
Benzyl Alcohol	0.05	0.1	ug/L	<MDL	1.25	0.871	70		44--93
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	1.25	0.982	79		49--143
Bis(2-Ethylhexyl)Phthalate	0.025	0.05	ug/L	0.81	1.25	1.11	24		10--196
Caffeine	0.01	0.02	ug/L	<MDL	1.25	0.853	68		17--136
Carbazole	0.01	0.02	ug/L	<MDL	1.25	0.894	72		50--150
Chrysene	0.01	0.02	ug/L	<MDL	1.25	1	80		48--127
Di-N-Butyl Phthalate	0.025	0.05	ug/L	0.0608	1.25	1.2	91		48--133
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.04	83		43--156
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	1.25	0.896	72		57--122
Dibenzofuran	0.01	0.02	ug/L	<MDL	1.25	0.928	74		50--150
Diethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	1.08	86		54--136
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	1.25	0.714	57		53--118

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Fluoranthene	0.01	0.02	ug/L	<MDL	1.25	0.973	78	54--131
Fluorene	0.01	0.02	ug/L	<MDL	1.25	1.11	89	54--117
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	1.25	0.922	74	59--120
Naphthalene	0.01	0.02	ug/L	<MDL	1.25	0.893	71	39--94
Pentachlorophenol	0.1	0.2	ug/L	<MDL	1.25	0.17	14	* 44--102
Phenanthrene	0.01	0.02	ug/L	<MDL	1.25	0.813	65	55--104
Phenol	0.05	0.1	ug/L	<MDL	1.25	0.938	75	37--97
Pyrene	0.01	0.02	ug/L	<MDL	1.25	1.12	89	52--123

SURROGATES

Surrogate: (Lab Limits)	2-Fluorobiphenyl 43--116	d14-Terphenyl 33--141
L47834-4	49	90
WG101538-1	78	88
WG101538-2	46	85

WG101544

METHOD BLANK

MB:WG101544-1 Matrix: BLANK WTR Listtype: ORBNA-SURLLGW Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	Qual
1,2,4-Trichlorobenzene	0.025	0.05	ug/L	<MDL	
1,2-Dichlorobenzene	0.025	0.05	ug/L	<MDL	
1,2-Diphenylhydrazine	0.025	0.05	ug/L	<MDL	
1,3-Dichlorobenzene	0.025	0.05	ug/L	<MDL	
1,4-Dichlorobenzene	0.025	0.05	ug/L	<MDL	
2,4,5-Trichlorophenol	0.25	0.5	ug/L	<MDL	
2,4,6-Trichlorophenol	0.25	0.5	ug/L	<MDL	
2,4-Dichlorophenol	0.05	0.1	ug/L	<MDL	
2,4-Dimethylphenol	0.025	0.05	ug/L	<MDL	
2,4-Dinitrophenol	0.25	1	ug/L	<MDL	
2,4-Dinitrotoluene	0.25	0.5	ug/L	<MDL	
2,6-Dinitrotoluene	0.25	0.5	ug/L	<MDL	
2-Chloronaphthalene	0.025	0.05	ug/L	<MDL	
2-Chlorophenol	0.025	0.05	ug/L	<MDL	
2-Methylnaphthalene	0.025	0.05	ug/L	<MDL	
2-Methylphenol	0.025	0.05	ug/L	<MDL	
2-Nitroaniline	0.25	0.5	ug/L	<MDL	
2-Nitrophenol	0.1	0.2	ug/L	<MDL	
3,3'-Dichlorobenzidine	0.1	0.2	ug/L	<MDL	
3-Methylphenol	0.05	0.1	ug/L	<MDL	
3-Nitroaniline	0.25	0.5	ug/L	<MDL	
4,6-Dinitro-O-Cresol	0.25	1	ug/L	<MDL	
4-Bromophenyl Phenyl Ether	0.05	0.1	ug/L	<MDL	
4-Chloro-3-Methylphenol	0.1	0.2	ug/L	<MDL	
4-Chloroaniline	0.05	0.1	ug/L	<MDL	

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4-Chlorophenyl Phenyl Ether	0.05	0.1	ug/L	<MDL	
4-Methylphenol	0.05	0.1	ug/L	<MDL	
4-Nitroaniline	0.25	0.5	ug/L	<MDL	
4-Nitrophenol	0.25	0.5	ug/L	<MDL	
Acenaphthene	0.01	0.02	ug/L	<MDL	
Acenaphthylene	0.01	0.02	ug/L	<MDL	
Aniline	0.025	0.05	ug/L	<MDL	
Anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	
Benzoic Acid	0.25	0.5	ug/L	<MDL	
Benzyl Alcohol	0.1	0.2	ug/L	<MDL	
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	
Bis(2-Chloroethoxy)Methane	0.025	0.05	ug/L	<MDL	
Bis(2-Chloroethyl)Ether	0.025	0.05	ug/L	<MDL	
Bis(2-Chloroisopropyl)Ether	0.025	0.05	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	0.025	0.5	ug/L	0.22	B
Caffeine	0.025	0.05	ug/L	<MDL	
Carbazole	0.025	0.05	ug/L	<MDL	
Chrysene	0.01	0.02	ug/L	<MDL	
Coprostanol	0.5	1	ug/L	<MDL	
Di-N-Butyl Phthalate	0.025	0.05	ug/L	<MDL	
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	
Dibenzofuran	0.025	0.05	ug/L	<MDL	
Diethyl Phthalate	0.025	0.5	ug/L	<MDL	
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	
Fluoranthene	0.01	0.02	ug/L	<MDL	
Fluorene	0.01	0.02	ug/L	<MDL	
Hexachlorobenzene	0.025	0.05	ug/L	<MDL	
Hexachlorobutadiene	0.05	0.1	ug/L	<MDL	
Hexachlorocyclopentadiene	0.25	0.5	ug/L	<MDL	
Hexachloroethane	0.05	0.1	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	
Isophorone	0.05	0.1	ug/L	<MDL	
N-Nitrosodi-N-Propylamine	0.05	0.1	ug/L	<MDL	
N-Nitrosodimethylamine	0.025	0.05	ug/L	<MDL	
N-Nitrosodiphenylamine	0.025	0.05	ug/L	<MDL	
Naphthalene	0.01	0.02	ug/L	<MDL	
Nitrobenzene	0.025	0.05	ug/L	<MDL	
Pentachlorophenol	0.25	0.5	ug/L	<MDL	

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Phenanthrene	0.01	0.025	ug/L	<MDL
Phenol	0.025	0.05	ug/L	<MDL
Pyrene	0.01	0.02	ug/L	<MDL
Pyridine	0.05	0.1	ug/L	<MDL

SPIKE BLANK

SB:WG101544-2 MB:WG101544-1 Matrix: BLANK WTR Listtype: ORBNA-SURLLGW Method: SW846 3520C*SW846 8270D

Parameter	MDL	RDL	Units	MB Value	TrueValue	SB Value	% Rec.	Qual	LabLimit
1,2,4-Trichlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.28	51		32--102
1,2-Dichlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.34	54		28--76
1,2-Diphenylhydrazine	0.025	0.05	ug/L	<MDL	2.5	1.87	93		10--133
1,3-Dichlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.16	46		22--75
1,4-Dichlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.44	58		25--100
2,4,5-Trichlorophenol	0.25	0.5	ug/L	<MDL	2.5	2.65	133	*	43--109
2,4,6-Trichlorophenol	0.25	0.5	ug/L	<MDL	2.5	1.81	72		46--99
2,4-Dichlorophenol	0.05	0.1	ug/L	<MDL	2.5	1.57	63		57--82
2,4-Dimethylphenol	0.025	0.05	ug/L	<MDL	2.5	0.446	18		13--75
2,4-Dinitrophenol	0.25	1	ug/L	<MDL	2.5	1.29	52		36--112
2,4-Dinitrotoluene	0.25	0.5	ug/L	<MDL	2.5	2.16	86		50--128
2,6-Dinitrotoluene	0.25	0.5	ug/L	<MDL	2.5	1.47	59		40--114
2-Chloronaphthalene	0.025	0.05	ug/L	<MDL	2.5	1.85	74		51--79
2-Chlorophenol	0.025	0.05	ug/L	<MDL	2.5	2.13	85		41--94
2-Methylnaphthalene	0.025	0.05	ug/L	<MDL	2.5	1.24	62		46--97
2-Methylphenol	0.025	0.05	ug/L	<MDL	2.5	1.77	89	*	47--88
2-Nitroaniline	0.25	0.5	ug/L	<MDL	2.5	1.32	66		48--97
2-Nitrophenol	0.1	0.2	ug/L	<MDL	2.5	1.57	63		44--100
3,3'-Dichlorobenzidine	0.1	0.2	ug/L	<MDL	2.5	1.34	53		10--148
3-Methylphenol	0.05	0.1	ug/L	<MDL	2.5	1.6	80		47--83
3-Nitroaniline	0.25	0.5	ug/L	<MDL	2.5	1.92	96		10--120
4,6-Dinitro-O-Cresol	0.25	1	ug/L	<MDL	2.5	1.71	69		38--93
4-Bromophenyl Phenyl Ether	0.05	0.1	ug/L	<MDL	2.5	1.73	69		53--98
4-Chloro-3-Methylphenol	0.1	0.2	ug/L	<MDL	2.5	1.73	69		48--95
4-Chloroaniline	0.05	0.1	ug/L	<MDL	2.5	1.1	55		10--84
4-Chlorophenyl Phenyl Ether	0.05	0.1	ug/L	<MDL	2.5	2.26	90		53--100
4-Methylphenol	0.05	0.1	ug/L	<MDL	2.5	1.6	80		46--83
4-Nitroaniline	0.25	0.5	ug/L	<MDL	2.5	2.41	121	*	16--116
4-Nitrophenol	0.25	0.5	ug/L	<MDL	2.5	2.4	96		45--126
Acenaphthene	0.01	0.02	ug/L	<MDL	2.5	1.62	65		50--100
Acenaphthylene	0.01	0.02	ug/L	<MDL	2.5	1.94	78		51--107
Aniline	0.025	0.05	ug/L	<MDL	2.5	0.25	13		10--91
Anthracene	0.01	0.02	ug/L	<MDL	2.5	1.98	79		50--116
Benzo(a)anthracene	0.01	0.02	ug/L	<MDL	2.5	2.09	84		55--122
Benzo(a)pyrene	0.01	0.02	ug/L	<MDL	2.5	2.24	90		59--125
Benzo(b)fluoranthene	0.01	0.02	ug/L	<MDL	2.5	2.18	87		52--120
Benzo(g,h,i)perylene	0.01	0.02	ug/L	<MDL	2.5	1.92	77		59--116
Benzo(k)fluoranthene	0.01	0.02	ug/L	<MDL	2.5	2.54	102		47--140

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Benzoic Acid	0.25	0.5	ug/L	<MDL	2.5	<MDL	0	*	10--128
Benzyl Alcohol	0.1	0.2	ug/L	<MDL	2.5	1.95	97	*	44--93
Benzyl Butyl Phthalate	0.05	0.1	ug/L	<MDL	2.5	1.88	75		49--143
Bis(2-Chloroethoxy)Methane	0.025	0.05	ug/L	<MDL	2.5	1.87	75		57--92
Bis(2-Chloroethyl)Ether	0.025	0.05	ug/L	<MDL	2.5	1.73	69		33--91
Bis(2-Chloroisopropyl)Ether	0.025	0.05	ug/L	<MDL	2.5	1.55	62		44--89
Bis(2-Ethylhexyl)Phthalate	0.025	0.5	ug/L	0.22	2.5	1.92	68		10--196
Caffeine	0.025	0.05	ug/L	<MDL	2.5	2.43	121		17--136
Carbazole	0.025	0.05	ug/L	<MDL	2.5	2.35	94		48--116
Chrysene	0.01	0.02	ug/L	<MDL	2.5	2.23	89		48--127
Coprostanol	0.5	1	ug/L	<MDL	25	16.8	84		13--147
Di-N-Butyl Phthalate	0.025	0.05	ug/L	<MDL	2.5	2.58	103		48--133
Di-N-Octyl Phthalate	0.025	0.05	ug/L	<MDL	2.5	1.76	70		43--156
Dibenzo(a,h)anthracene	0.01	0.02	ug/L	<MDL	2.5	2.13	85		57--122
Dibenzofuran	0.025	0.05	ug/L	<MDL	2.5	1.94	97	*	55--93
Diethyl Phthalate	0.025	0.5	ug/L	<MDL	2.5	2.83	113		54--136
Dimethyl Phthalate	0.025	0.05	ug/L	<MDL	2.5	1.85	74		53--118
Fluoranthene	0.01	0.02	ug/L	<MDL	2.5	2.18	87		54--131
Fluorene	0.01	0.02	ug/L	<MDL	2.5	2.22	89		54--117
Hexachlorobenzene	0.025	0.05	ug/L	<MDL	2.5	1.52	61		53--95
Hexachlorobutadiene	0.05	0.1	ug/L	<MDL	2.5	1.19	48		25--77
Hexachlorocyclopentadiene	0.25	0.5	ug/L	<MDL	2.5	0.34	14		10--64
Hexachloroethane	0.05	0.1	ug/L	<MDL	2.5	1.23	49		13--80
Indeno(1,2,3-Cd)Pyrene	0.01	0.02	ug/L	<MDL	2.5	2.14	86		59--120
Isophorone	0.05	0.1	ug/L	<MDL	2.5	0.999	40		28--114
N-Nitrosodi-N-Propylamine	0.05	0.1	ug/L	<MDL	2.5	2.12	85		33--139
N-Nitrosodimethylamine	0.025	0.05	ug/L	<MDL	2.5	1.6	64		40--95
N-Nitrosodiphenylamine	0.025	0.05	ug/L	<MDL	2.5	1.91	76		10--131
Naphthalene	0.01	0.02	ug/L	<MDL	2.5	1.61	65		39--94
Nitrobenzene	0.025	0.05	ug/L	<MDL	2.5	2.05	82		48--101
Pentachlorophenol	0.25	0.5	ug/L	<MDL	2.5	1.82	73		44--102
Phenanthrene	0.01	0.025	ug/L	<MDL	2.5	1.87	75		55--104
Phenol	0.025	0.05	ug/L	<MDL	2.5	2.07	83		37--97
Pyrene	0.01	0.02	ug/L	<MDL	2.5	2.37	95		52--123
Pyridine	0.05	0.1	ug/L	<MDL	2.5	<MDL	0	*	10--35

SURROGATES

Surrogate: (Lab Limits)	2,4,6-Tribromophenol 10--123	2-Fluorobiphenyl 43--116	2-Fluorophenol 21--110	d14-Terphenyl 33--141
L47834-1	88	54	35	89
L47834-2	83	63	44	91
L47834-3	86	64	49	94
WG101544-1	22	67	90	43
WG101544-2	84	80	56	85

LIMSView Analytical QC Report - Semivolatile Organic Compounds

Surrogate: (Lab Limits)	d4-1,2-Dichlorobenzene 16--110	d4-2-Chlorophenol 33--110	d5-Nitrobenzene 35--114	d5-Phenol 10--110
L47834-1	63	54	61	53
L47834-2	75	62	62	56
L47834-3	73	66	70	86
WG101544-1	45	72	74	74
WG101544-2	79	65	77	87

Attachment D
Semivolatile Organic Compounds
Data Flagging Spreadsheet

Attachment D

CSO Effluent Characterization Study - Data Validation

Semivolatle Organic Compound Data Flagging (all values reported in units of µg/L)

Sample	Compound	Result	Lab Flag	DV Flag	Bias	Comment
L42798-1	Bis(2-ethylhexyl) Phthalate	0.162	B	U		Compound found in method blank at concentration of 0.134 µg/L. Raise MDL to 0.16 µg/L.
L43790-1	Benzyl Alcohol	0.058	< RDL	J	Low	Both spike blank and spike blank duplicate recoveries below lower control limit.
L43790-1	Bis(2-ethylhexyl) Adipate	0.454	B	U		Compound found in method blank at concentration of 0.231 µg/L. Raise MDL to 0.45 µg/L.
L43790-1	Bis(2-ethylhexyl) Phthalate	1.51		J	High	Compound found in method blank at concentration of 0.0825 µg/L.
L43790-1	Di-n-butyl Phthalate	0.562	B	U		Compound found in method blank at concentration of 0.15 µg/L. Raise MDL to 0.56 µg/L.
L43912-1	Bis(2-ethylhexyl) Phthalate	0.0502	B	U		Compound found in method blank at concentration of 0.17 µg/L. Raise MDL to 0.050.
L43912-1	Di-n-butyl Phthalate	0.0962	B	U		Compound found in method blank at concentration of 0.0677 µg/L. Raise MDL to 0.096 µg/L.
L43913-1	Bis(2-ethylhexyl) Phthalate	1.99	B	U		Compound found in method blank at concentration of 0.453 µg/L. Raise MDL to 2.0 µg/L.
L43913-1	Di-n-butyl Phthalate	0.234	B	U		Compound found in method blank at concentration of 0.0984 µg/L. Raise MDL to 0.23 µg/L.
L44132-1	Bis(2-ethylhexyl) Adipate	0.227	B	U		Compound found in method blank at concentration of 0.231 µg/L. Raise MDL to 0.23 µg/L.
L44132-1	Bis(2-ethylhexyl) Phthalate	0.296	B	U		Compound found in method blank at concentration of 0.247 µg/L. Raise MDL to 0.30 µg/L.
L44132-1	Di-n-butyl Phthalate	0.129	B	U		Compound found in method blank at concentration of 0.0649 µg/L. Raise MDL to 0.13 µg/L.
L44133-1	4-Methylphenol	0.879		J	High	Both matrix spike and matrix spike duplicate recoveries greater than upper control limit.
L44133-1	Bis(2-ethylhexyl) Adipate	0.441	B	U		Compound found in method blank at concentration of 0.327 µg/L. Raise MDL to 0.44 µg/L.
L44133-1	Bis(2-ethylhexyl) Phthalate	3.85	B	U		Compound found in method blank at concentration of 1.09 µg/L. Raise MDL to 3.9 µg/L.
L44133-1	Di-n-butyl Phthalate	0.699	B	U		Compound found in method blank at concentration of 0.295 µg/L. Raise MDL to 0.70 µg/L.
L44133-1	Pentachlorophenol	1.28		J	High	Spike blank recovery greater than upper control limit.

Attachment D

CSO Effluent Characterization Study - Data Validation

Semivolatle Organic Compound Data Flagging (all values reported in units of µg/L)

Sample	Compound	Result	Lab Flag	DV Flag	Bias	Comment
L44133-2	Bis(2-ethylhexyl) Adipate	0.595	B	U		Compound found in method blank at concentration of 0.327 µg/L. Raise MDL to 0.60 µg/L.
L44133-2	Bis(2-ethylhexyl) Phthalate	3.30	B	U		Compound found in method blank at concentration of 1.09 µg/L. Raise MDL to 3.3 µg/L.
L44133-2	Di-n-butyl Phthalate	0.831	B	U		Compound found in method blank at concentration of 0.295 µg/L. Raise MDL to 0.83 µg/L.
L44133-2	Pentachlorophenol	1.23		J	High	Spike blank recovery greater than upper control limit.
L44133-3	Bis(2-ethylhexyl) Adipate	0.37	B	U		Compound found in method blank at concentration of 0.327 µg/L. Raise MDL to 0.37 µg/L.
L44133-3	Bis(2-ethylhexyl) Phthalate	2.88	B	U		Compound found in method blank at concentration of 1.09 µg/L. Raise MDL to 2.9 µg/L.
L44133-3	Di-n-butyl Phthalate	0.539	B	U		Compound found in method blank at concentration of 0.295 µg/L. Raise MDL to 0.54 µg/L.
L44133-4	Bis(2-ethylhexyl) Adipate	0.566	B	U		Compound found in method blank at concentration of 0.327 µg/L. Raise MDL to 0.57 µg/L.
L44133-4	Bis(2-ethylhexyl) Phthalate	2.55	B	U		Compound found in method blank at concentration of 1.09 µg/L. Raise MDL to 2.6 µg/L.
L44133-4	Di-n-butyl Phthalate	0.710	B	U		Compound found in method blank at concentration of 0.295 µg/L. Raise MDL to 0.71 µg/L.
L44912-6	Bis(2-ethylhexyl) Phthalate	1.97	B	U		Compound found in method blank at concentration of 4.05 µg/L. Raise MDL to 2.0 µg/L.
L44912-6	Di-n-butyl Phthalate	0.282	B	U		Compound found in method blank at concentration of 0.0511 µg/L. Raise MDL to 0.28 µg/L.
L44913-1	Bis(2-ethylhexyl) Adipate	0.224	B	U		Compound found in method blank at concentration of 0.238 µg/L. Raise MDL to 0.22 µg/L.
L44913-1	Bis(2-ethylhexyl) Phthalate	0.393	B	U		Compound found in method blank at concentration of 0.341 µg/L. Raise MDL to 0.39 µg/L.
L44913-1	Di-n-butyl Phthalate	0.132	B	U		Compound found in method blank at concentration of 0.0938 µg/L. Raise MDL to 0.13 µg/L.
L45805-1	Di-n-butyl Phthalate	0.0903	B	U		Compound found in method blank at concentration of 0.0435 µg/L. Raise MDL to 0.090 µg/L.

Attachment D

CSO Effluent Characterization Study - Data Validation

Semivolatle Organic Compound Data Flagging (all values reported in units of µg/L)

Sample	Compound	Result	Lab Flag	DV Flag	Bias	Comment
L45811-1	Benzyl Alcohol	2.49		J	High	Matrix spike and matrix spike duplicate recoveries both greater than upper control limit.
L45811-1	Benzyl Butyl Phthalate	1.23	B	U		Compound found in method blank at concentration of 0.163 µg/L. Raise MDL to 1.2 µg/L.
L45811-1	Bis(2-ethylhexyl) Adipate	0.486	B	U		Compound found in method blank at concentration of 0.224 µg/L. Raise MDL to 0.49 µg/L.
L45811-1	Bis(2-ethylhexyl) Phthalate	2.87	B	U		Compound found in method blank at concentration of 0.919 µg/L. Raise MDL to 2.9 µg/L.
L45811-1	Diethyl Phthalate	0.698	B	U		Compound found in method blank at concentration of 0.139 µg/L. Raise MDL to 0.70 µg/L.
L45811-1	Dimethyl Phthalate		< MDL	UJ	Low	Spike blank recovery less than lower control limit.
L45811-1	Di-n-butyl Phthalate	0.283	B	U		Compound found in method blank at concentration of 0.287 µg/L. Raise MDL to 0.28 µg/L.
L45811-1	Pentachlorophenol	0.16	< RDL	J	Low	Spike blank recovery less than lower control limit.
L45811-1	4-Methylphenol	0.276		J	High	Matrix spike and matrix spike duplicate recoveries both greater than upper control limit.
L45811-3	Benzyl Butyl Phthalate	0.476	B	U		Compound found in method blank at concentration of 0.163 µg/L. Raise MDL to 0.48 µg/L.
L45811-3	Bis(2-ethylhexyl) Adipate	0.349	B	U		Compound found in method blank at concentration of 0.224 µg/L. Raise MDL to 0.35 µg/L.
L45811-3	Bis(2-ethylhexyl) Phthalate	2.34	B	U		Compound found in method blank at concentration of 0.919 µg/L. Raise MDL to 2.3 µg/L.
L45811-3	Diethyl Phthalate	1.52		J	High	Compound found in method blank at concentration of 0.139 µg/L.
L45811-3	Dimethyl Phthalate	0.33		J	Low	Spike blank recovery less than lower control limit.
L45811-3	Di-n-butyl Phthalate	0.255	B	U		Compound found in method blank at concentration of 0.287 µg/L. Raise MDL to 0.26 µg/L.
L45811-3	Pentachlorophenol	0.15	< RDL	J	Low	Spike blank recovery less than lower control limit.

Attachment D

CSO Effluent Characterization Study - Data Validation

Semivolatle Organic Compound Data Flagging (all values reported in units of µg/L)

Sample	Compound	Result	Lab Flag	DV Flag	Bias	Comment
L45811-6	Benzyl Butyl Phthalate	0.542	B	U		Compound found in method blank at concentration of 0.163 µg/L. Raise MDL to 0.54 µg/L.
L45811-6	Bis(2-ethylhexyl) Adipate		< MDL	U		Compound found in method blank at concentration of 0.224 µg/L. Leave MDL as is.
L45811-6	Bis(2-ethylhexyl) Phthalate	2.41	B	U		Compound found in method blank at concentration of 0.919 µg/L. Raise MDL to 2.4 µg/L.
L45811-6	Diethyl Phthalate	1.02	B	U		Compound found in method blank at concentration of 0.139 µg/L. Raise MDL to 1.0 µg/L.
L45811-6	Dimethyl Phthalate		< MDL	UJ	Low	Spike blank recovery less than lower control limit.
L45811-6	Di-n-butyl Phthalate	0.318	B	U		Compound found in method blank at concentration of 0.287 µg/L. Raise MDL to 0.31 µg/L.
L45811-6	Pentachlorophenol	0.11	< RDL	J	Low	Spike blank recovery less than lower control limit.
L46418-3	Bis(2-ethylhexyl) Phthalate	1.70	B	U		Compound found in method blank at concentration of 0.66 µg/L. Raise MDL to 1.7 µg/L.
L46418-3	Di-n-butyl Phthalate	0.259	B	U		Compound found in method blank at concentration of 0.041 µg/L. Raise MDL to 0.26 µg/L.
L46418-6	Bis(2-ethylhexyl) Phthalate	1.99	B	U		Compound found in method blank at concentration of 0.66 µg/L. Raise MDL to 2.0 µg/L.
L46418-6	Di-n-butyl Phthalate	0.386	B	U		Compound found in method blank at concentration of 0.041 µg/L. Raise MDL to 0.39 µg/L.
L46918-1	Bis(2-ethylhexyl) Phthalate	1.05	B	U		Compound found in method blank at concentration of 0.42 µg/L. Raise MDL to 1.1 µg/L.
L46918-1	Phenol		< MDL	UJ	Low	Matrix spike and matrix spike duplicate recoveries both less than lower control limit.
L46918-3	Bis(2-ethylhexyl) Phthalate	2.29	B	U		Compound found in method blank at concentration of 0.42 µg/L. Raise MDL to 2.3 µg/L.
L46918-5	Bis(2-ethylhexyl) Phthalate	2.11	B	U		Compound found in method blank at concentration of 0.42 µg/L. Raise MDL to 2.1 µg/L.
L46918-6	Bis(2-ethylhexyl) Phthalate	1.97	B	U		Compound found in method blank at concentration of 0.42 µg/L. Raise MDL to 2.0 µg/L.
L47190-2	Aniline		< MDL	R		Spike blank recovery of 6%.
L47190-2	Bis(2-ethylhexyl) Phthalate	6.88		J	High	Compound found in method blank at concentration of 0.48 µg/L.
L47190-2	Di-n-butyl Phthalate	0.405	B	U		Compound found in method blank at concentration of 0.199 µg/L. Raise MDL to 0.41 µg/L.
L47190-2	Pyridine		<MDL	R		Spike blank recovery of 5%.

Attachment D

CSO Effluent Characterization Study - Data Validation

Semivolatle Organic Compound Data Flagging (all values reported in units of µg/L)

Sample	Compound	Result	Lab Flag	DV Flag	Bias	Comment
L47190-4	Bis(2-ethylhexyl) Phthalate	2.93	B	R		Gross contamination indicated by spike blank recovery of 1,115% based on spike blank concentration of 14.3 µg/L.
L47190-4	Di-n-butyl Phthalate	0.282	B	U		Compound found in method blank at concentration of 0.030 µg/L. Raise MDL to 0.28 µg/L.
L47597-2	4-Methylphenol	6.93		J	Unknown	Matrix spike recovery greater than upper control limit and matrix spike recovery less than lower control limit.
L47597-2	Bis(2-ethylhexyl) Phthalate	3.90		J	High	Compound found in method blank at concentration of 0.239 µg/L.
L47597-2	Caffeine	15.5		J	Unknown	RPD for matrix spike and matrix spike duplicate results exceeded control limit.
L47597-2	Di-n-butyl Phthalate	0.243	B	U		Compound found in method blank at concentration of 0.0591 µg/L. Raise MDL to 0.24 µg/L.
L47597-2	Pentachlorophenol		< MDL	UJ	Unknown	Spike blank recovery less than lower control limit. Matrix spike recovery greater than upper control limit. Matrix spike duplicate recovery within control limits.
L47597-3	Bis(2-ethylhexyl) Phthalate	7.8	< RDL, B	U		Compound found in method blank at concentration of 1.92 µg/L. Raise MDL to 7.8 µg/L.
L47597-3	Di-n-butyl Phthalate		< MDL, B2	U		Compound found in method blank at concentration of 0.0686 µg/L. Leave MDL as reported.
L47597-3	Phenol	23.0		J	High	Surrogate recovery for d5-Phenol greater than upper control limit.
L47597-3	Pyridine		< MDL	R		Spike blank recovery of 0%.
L47597-4	Bis(2-ethylhexyl) Phthalate	45.0		J	High	Compound found in method blank at concentration of 1.92 µg/L.
L47597-4	Di-n-butyl Phthalate		< MDL	U		Compound found in method blank at concentration of 0.0686 µg/L. Leave MDL as reported.
L47597-4	Phenol	26.3		J	High	Surrogate recovery for d5-Phenol greater than upper control limit.
L47597-4	Pyridine		< MDL	R		Spike blank recovery of 0%.
L47597-5	Bis(2-ethylhexyl) Phthalate	10.2	B2	U		Compound found in method blank at concentration of 1.92 µg/L. Raise MDL to 10 µg/L.
L47597-5	Di-n-butyl Phthalate	0.456	B2	U		Compound found in method blank at concentration of 0.0686 µg/L. Raise MDL to 0.46 µg/L.
L47597-5	Pyridine		< MDL	R		Spike blank recovery of 0%.

Attachment D

CSO Effluent Characterization Study - Data Validation

Semivolatle Organic Compound Data Flagging (all values reported in units of µg/L)

Sample	Compound	Result	Lab Flag	DV Flag	Bias	Comment
L47834-1	2-Methylphenol	0.131		J	High	Spike blank recovery greater than upper control limit.
L47834-1	Benzoic Acid	2.89		R	Low	Spike blank recovery of 0%.
L47834-1	Benzyl Alcohol	3.39		J	High	Spike blank recovery greater than upper control limit.
L47834-1	Bis(2-ethylhexyl) Phthalate	3.76		J	High	Compound found in method blank at concentration of 0.22 µg/L.
L47834-1	Pyridine		< MDL	R		Spike blank recovery of 0%.
L47834-2	2-Methylphenol	0.150		J	High	Spike blank recovery greater than upper control limit.
L47834-2	Benzoic Acid	3.13		R	Low	Spike blank recovery of 0%.
L47834-2	Benzyl Alcohol	4.64		J	High	Spike blank recovery greater than upper control limit.
L47834-2	Bis(2-ethylhexyl) Phthalate	2.98		J	High	Compound found in method blank at concentration of 0.22 µg/L.
L47834-2	Pyridine		< MDL	R		Spike blank recovery of 0%.
L47834-3	2-Methylphenol	0.105		J	High	Spike blank recovery greater than upper control limit.
L47834-3	Benzoic Acid	2.95		R	Low	Spike blank recovery of 0%.
L47834-3	Benzyl Alcohol	1.39		J	High	Spike blank recovery greater than upper control limit.
L47834-3	Pyridine		< MDL	R		Spike blank recovery of 0%.
L47834-4	4-Methylphenol		< MDL	UJ	Low	Spike blank recovery less than lower control limit.
L47834-4	Bis(2-ethylhexyl) Phthalate	4.76	B2	U		Compound found in method blank at concentration of 0.81 µg/L. Raise MDL to 4.8 µg/L.
L47834-4	Pentachlorophenol		< MDL	UJ	Low	Spike blank recovery less than lower control limit.