



**Environmental Monitoring and Audit
 for Contaminated Mud Pits to the
 South of The Brothers and at East
 Sha Chau (2012-2017) – Investigation
 Agreement No. CE 23/2012(EP)**

Baseline Monitoring Report

24 December 2012

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Document Code: 0175086_Baseline Report_v2.doc

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Client:		Project No:			
Civil Engineering and Development Department (CEDD)		0175086			
Summary:		Date:			
This document presents the baseline water quality monitoring results for Contaminated Mud Pits at the South of The Brothers and at East Sha Chau.		24 December 2012			
		Approved by:			
					
		Craig A. Reid Partner			
V2	Baseline Water Quality Monitoring Report	RC	CAR	CAR	24/12/12
V1	Baseline Water Quality Monitoring Report	RC	CAR	CAR	4/10/12
V0	Baseline Water Quality Monitoring Report	RC	CAR	CAR	28/9/12
Revision	Description	By	Checked	Approved	Date
<p>This report has been prepared by Environmental Resources Management the trading name of 'ERM Hong-Kong, Limited', with all reasonable skill, care and diligence within the terms of the Contract with the client, incorporating our General Terms and Conditions of Business and taking account of the resources devoted to it by agreement with the client.</p> <p>We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above.</p> <p>This report is confidential to the client and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at their own risk.</p>		Distribution		 	
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Dredging, Management and Capping of Contaminated Sediment Disposal Facility to the South of The Brothers

Environmental Certification Sheet EP-427/2011/A


Reference Document/Plan

Document/ Plan to be Certified / Verified:	Baseline Monitoring Report
Date of Report:	28 September 2012
Date prepared by ET:	28 September 2012
Date received by IA:	28 September 2012

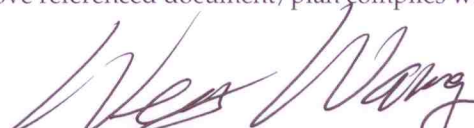
Reference EP Condition

Environmental Permit Condition:	Condition No.: 4.3
4 hard copies and 1 electronic copy of the Baseline Monitoring Report shall be submitted to the Director at least 2 weeks before commencement of construction of the Project. The submission shall be certified by the ET Leader and verified by the Independent Auditor. Additional copies of the submission shall be made available to the Director upon his request.	

ET Certification

I hereby certify that the above referenced document/ plan complies with the above referenced condition of EP-427/2011/A	
Craig A. Reid, Environmental Team Leader:	 Date: 28/09/2012

IA Verification

I hereby verify that the above referenced document/ plan complies with the above referenced condition of EP-427/2011/A	
Dr Wang Wen Xiong, Independent Auditor:	 Date: Oct. 7, 2012

CONTENTS

1	INTRODUCTION	- 1 -
1.1	BACKGROUND	- 1 -
1.2	PURPOSE OF THE REPORT	- 2 -
1.3	STRUCTURE OF THE REPORT	- 2 -
2	BASELINE WATER QUALITY MONITORING METHODOLOGY	- 4 -
2.1	MONITORING LOCATIONS	- 4 -
2.2	MONITORING PARAMETERS AND FREQUENCY	- 4 -
2.3	MONITORING EQUIPMENT AND METHODOLOGY	- 6 -
3	BASELINE WATER QUALITY MONITORING RESULTS	- 9 -
3.1	INTRODUCTION	- 9 -
3.2	WATER QUALITY MONITORING RESULTS	- 9 -
4	CONCLUSION	- 12 -

LIST OF ANNEXES

<i>Annex A</i>	<i>Baseline Monitoring Schedule</i>
<i>Annex B</i>	<i>Calibration Reports of Multi-parameter Sensor</i>
<i>Annex C</i>	<i>QA/QC Results</i>
<i>Annex D</i>	<i>Baseline Water Quality Monitoring Results</i>

EXECUTIVE SUMMARY

The Hong Kong Civil Engineering and Development Department (CEDD) have undertaken baseline water quality monitoring prior to the commencement of dredging works for Contaminated Mud Pits (CMP 1 and CMP 2) at the South of The Brothers.

This Baseline Monitoring Report has been prepared in compliance with the Environmental Permit (EP-427/2011/A) and the Environmental Monitoring and Audit Manual for the Disposal of Contaminated Sediment – Dredging, Management and Capping of Contaminated Sediment Disposal Facility at the South of The Brothers.

Baseline water quality monitoring was conducted between 26 July and 23 August 2012 at eighteen designated monitoring stations established for the Project. The monitoring was carried out 3 days per week, at mid-flood and mid-ebb tides, at three depths (surface, middle and bottom), for 5 weeks prior to the commencement of dredging works. No major activities were noted during baseline monitoring. Water quality monitoring results are, therefore, representative of the baseline conditions for the Project.

Results have been used to determine Action and Limit Levels for the dissolved oxygen, suspended solids and turbidity for impact monitoring to be conducted during dredging, backfilling and capping activities for the Project and listed in *Table I*. These Action and Limit Levels will be used for impact monitoring during dredging, backfilling and capping activities to check if there are exceedances of water quality due to the Project.

Table I Proposed Action and Limit Levels of Water Quality for Dredging, Backfilling and Capping Activities

Parameter	Action Level	Limit Level
Dissolved Oxygen (DO) ⁽¹⁾	<u>Surface and Mid-depth</u> ⁽²⁾ The average of the impact, WSR 45C and WSR 46 station readings are < 5%-ile of baseline data for surface and middle layer = 4.32 mg L ⁻¹	<u>Surface and Mid-depth</u> ⁽²⁾ The average of the impact, WSR 45C and WSR 46 station readings are < 4 mg L ⁻¹
	and Significantly less than the reference stations mean DO (at the same tide of the same day)	and Significantly less than the reference stations mean DO (at the same tide of the same day)
	<u>Bottom</u> The average of the impact, WSR 45C and WSR 46 station readings are < 5%-ile of baseline data for bottom layers = 3.12 mg L ⁻¹	<u>Bottom</u> The average of the impact station, WSR 45C and WSR 46 readings are < 2 mg L ⁻¹
	and Significantly less than the reference stations mean DO (at the same tide of the same day)	and Significantly less than the reference stations mean DO (at the same tide of the same day)
Depth-averaged Suspended Solids (SS) ⁽³⁾⁽⁴⁾	The average of the impact, WSR 45C and WSR 46 station readings are > 95%-ile of baseline data for depth average = 21.60 mg L ⁻¹	The average of the impact, WSR 45C and WSR 46 station readings are > 99%-ile of baseline data for depth average = 40.10 mg L ⁻¹
	and 120% of control station's SS at the same tide of the same day	and 130% of control station's SS at the same tide of the same day
Depth-averaged Turbidity (Tby) ⁽³⁾⁽⁴⁾	The average of the impact, WSR 45C and WSR 46 station readings are > 95%-ile of baseline data = 25.04 NTU	The average of the impact, WSR 45C and WSR 46 station readings are > 99%-ile of baseline data = 32.68 NTU
	and 120% of control station's Tby at the same tide of the same day	and 130% of control station's Tby at the same tide of the same day

Notes:

- (1) For DO, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.
- (2) The Action and Limit Levels for DO for Surface & Middle layers were calculated from the combined pool of baseline surface layer data and baseline middle layer data.
- (3) "Depth-averaged" is calculated by taking the arithmetic means of reading of all three depths.
- (4) For turbidity and SS, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.

The Hong Kong **Civil Engineering and Development Department (CEDD)** have commissioned **ERM-Hong Kong, Ltd (ERM)** supported by Mr Peter Whiteside (Independent Consultant), Halcrow China Ltd (HCL) and Professor Wen-Xiong Wang (Independent Auditor) of the Hong Kong University of Science and Technology (HKUST), to undertake the **Environmental Monitoring and Audit for Contaminated Mud Pits to the South of The Brothers and at East Sha Chau (2012-2017) – Investigation** (hereafter referred as “the Study”). This Study, awarded under Agreement No. CE 23/2012 (EP), commenced on 5th September 2012.

1.1

BACKGROUND

Since December 1992, the East of Sha Chau area has been the site of a series of dredged contaminated mud pits (CMPs) designed to provide confined marine disposal capacity for contaminated mud arising from the HKSAR’s dredging and reclamation projects. The latest group of pits, CMP Va, b, c & d began receiving contaminated mud from construction projects on 10 February 2012. CMP Va is presently in operation for backfilling of contaminated sediments.

Capacity to dispose of contaminated mud is currently predicted to be exhausted in 2015 with the completion of backfilling of CMP Vd at East of Sha Chau (ESC). When CMP Vd is full, a new environmentally acceptable disposal capacity for essential arisings will be required. The environmental acceptability of the construction and operation of the CMPs at the South of the Brothers (the Project) had been confirmed by the findings of the associated EIA study completed in 2005 under Agreement No. CE 12/2002(EP) ⁽¹⁾. The Director of Environmental Protection (DEP) approved the respective EIA report of this Agreement under the EIAO in September 2005 (EIA Register No.: AEIAR-089/2005). A detailed EIA Review (the Review) was carried out under Agreement No. FM 2/2009 ⁽²⁾ to re-confirm the relevance of the findings of the approved EIA report with respect to the up-to-date information of other concurrent projects in the vicinity or any updated requirements/guidelines and to recommend on the environmental viability of the proposed the South of The Brothers (SB) CMPs.

The Review concluded that relevant findings and recommendations of the approved EIA report in relation to the SB CMPs are still valid. An information note advising members of the Advisory Council on the Environment (ACE) about the Review outcome was circulated in August 2010 with no further comments received.

⁽¹⁾ Detailed Site Selection Study for a Proposed Contaminated Mud Disposal Facility within the Airport East/ East of Sha Chau Area (Agreement No. CE 12/2002(EP))

² Contaminated Sediment Disposal Facility at South of Brothers (Agreement No. FM 2/2009)

An Environmental Permit (EP-427/2011) for Dredging, Management and Capping of Contaminated Sediment Disposal Facility to the South of The Brothers (hereafter referred as “the Project”) was issued by the Environmental Protection Department (EPD) to the CEDD, the Permit Holder, on 3 November 2011 and varied on 23 December 2011 (EP-427/2011/A).

Under the requirements of *Condition 4* of the EP (EP-427/2011/A), an EM&A programme as set out in the *Environmental Monitoring and Audit Manual (EM&A Manual)* is required to be implemented during construction and operational phases of the SB CMPs. In accordance with the *EM&A Manual*, baseline monitoring of water quality is required to be undertaken prior to dredging activities to form the SB CMPs.

1.2 *PURPOSE OF THE REPORT*

The purpose of this *Baseline Monitoring Report* is to present baseline marine water quality at the designated monitoring locations in the Project and reference areas prior to the commencement of marine dredging works. These levels will be used as the basis for compliance monitoring during dredging, backfilling and capping activities at the SB CMPs. This report presents the monitoring requirements, methodologies and results of the baseline marine water quality measurements in accordance with the *EM&A Manual*.

1.3 *STRUCTURE OF THE REPORT*

After this introductory section, the remainder of the report is structured as follows:

Section 2 : Baseline Water Quality Monitoring Methodology

Summarises the water quality monitoring parameters, monitoring programme, monitoring methodology, monitoring frequency and monitoring locations.

Section 3 : Baseline Water Quality Monitoring Results

Presents the monitoring results and establishes the Action and Limit Levels in accordance with the *EM&A Manual*.

Section 4 : Conclusions

Concludes the representativeness of the baseline monitoring results and observations for the Project.

The following Section provides details of methodology used in the baseline monitoring of water quality prior to the commencement of marine dredging works for the Project.

2.1 MONITORING LOCATIONS

In accordance with the *EM&A Manual*, water quality sampling was undertaken at monitoring stations in the vicinity of the new facility at the South of The Brothers and in reference areas (EPD Water Quality Monitoring Stations NM1, 2, 3, 5 and 6) prior to the commencement of marine dredging works. Locations of the baseline monitoring stations are shown in *Figure 2.1*. Co-ordinates of these monitoring stations are listed in *Table 2.1*.

Table 2.1 *Coordinates of Water Quality Monitoring Stations for Baseline Water Quality Monitoring*

Monitoring Stations	Easting	Northing
<i>Far Field Stations</i>		
SB-WFA	805787	827951
SB-WFB	806066	816537
<i>Mid Field Stations</i>		
SB-WMA	813001	821559
SB-WMB	818386	822120
<i>Near Field Stations</i>		
SB-WNAA	814847	820043
SB-WNAB	816197	819911
SB-WNBA	813999	819207
SB-WNBB	815505	819019
<i>Reference Stations</i>		
NM1	820256	823214
NM2	816015	823686
NM3	812527	824049
NM5	807707	827244
NM6	807584	820286
<i>Sensitive Receiver Stations</i>		
MW1	823604	823654
THB1	814514	817932
THB2	815873	818035
WSR45C	817431	820211
WSR46	813880	820973

Note: Coordinates are based on Hong Kong 1980 GRID Coordinate System

2.2 MONITORING PARAMETERS AND FREQUENCY

Baseline water quality monitoring was conducted in accordance with the requirements stated in the *EM&A Manual*, which are presented below.

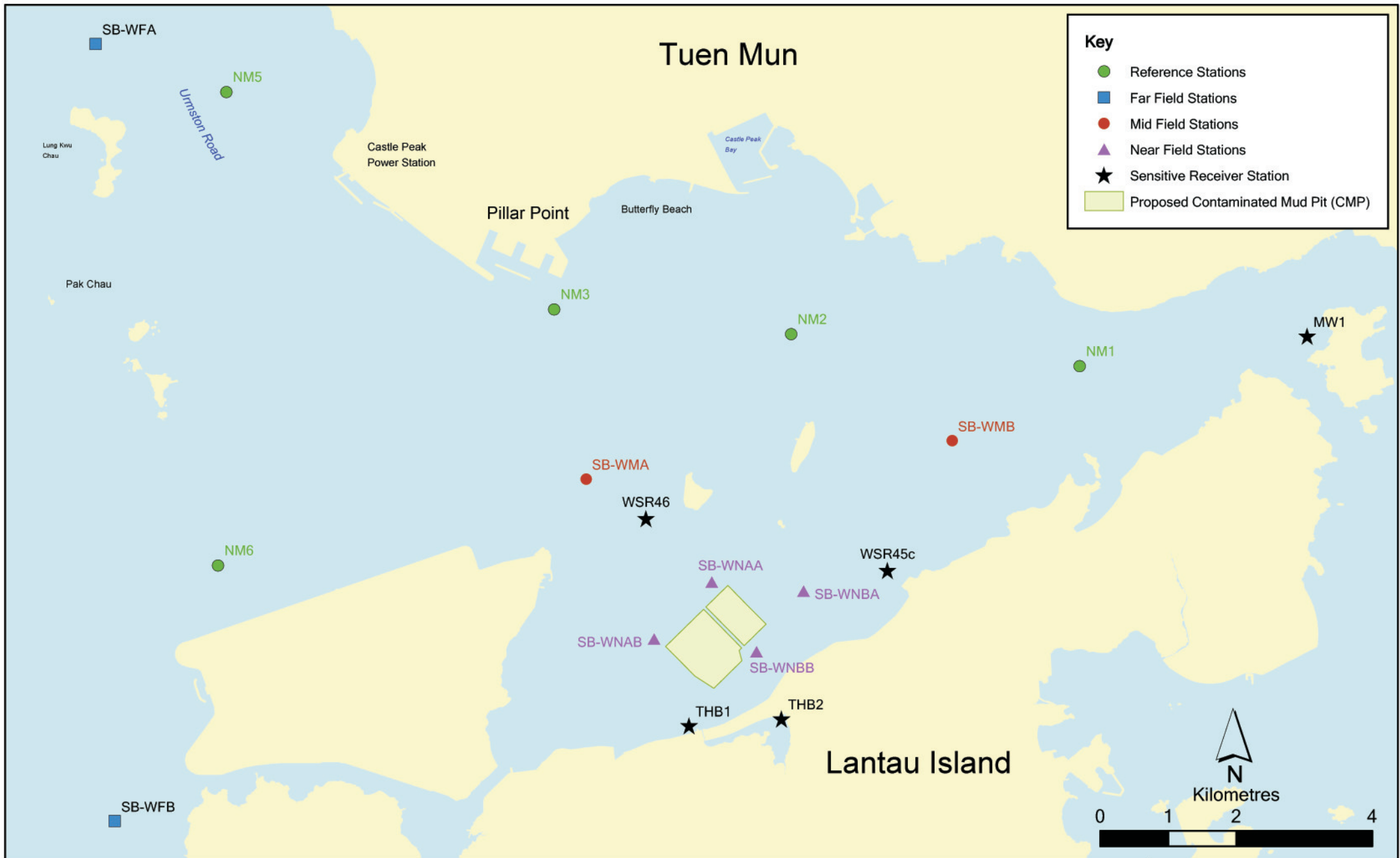


Figure 2.1

Baseline Water Quality Monitoring Stations for Dredging Activities

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Date: 14-Sep-12

2.2.1 *Monitoring Parameters*

Parameters measured *in situ* were:

- Dissolved Oxygen (mg L⁻¹);
- Salinity (ppt);
- pH;
- Turbidity (NTU);
- Temperature (°C); and
- Current Velocity and Direction (ms⁻¹).

Parameters measured in the laboratory were:

- Suspended Solids (SS) (mg L⁻¹);
- Ammonia (mg L⁻¹);
- Total Inorganic Nitrogen (TIN mg L⁻¹);
- 5-Day Biochemical Oxygen Demand (BOD₅);
- Cadmium (mg L⁻¹);
- Chromium (mg L⁻¹);
- Copper (mg L⁻¹);
- Lead (mg L⁻¹);
- Mercury (mg L⁻¹);
- Nickel (mg L⁻¹);
- Silver (mg L⁻¹);
- Zinc (mg L⁻¹); and
- Arsenic (mg L⁻¹).

In addition to the water quality parameters, other relevant data were measured and recorded in Water Quality Monitoring Logs, including the location of the sampling stations, water depth, time, weather conditions, sea conditions, tidal stage, special phenomena and work activities undertaken around the monitoring and works area that may influence the monitoring results.

2.2.2 *Monitoring Frequency*

Baseline water quality monitoring should be carried out for four weeks, with the frequency of three days per week. The interval between two sets of

monitoring was not less than 36 hours. *In situ* measurements and water samples were taken during mid-flood and mid-ebb tidal stages on each sampling occasion.

2.3 *MONITORING EQUIPMENT AND METHODOLOGY*

2.3.1 *Monitoring Equipment*

Positioning Device

A Global Positioning System (GPS) was used (C-Nav globally corrected DGPS, GPS 84 datum) during monitoring to ensure the accurate recording of the position of the monitoring vessel before taking measurements. The instrument calibration was checked by recording a measured position at a previously coordinated location on shore.

Electronic data logging device

A data logging device capable of storing *in situ* measurement data was used. The device was able to read and store the output from all electronic meters used for this project and recorded time and location as measured by the GPS.

In situ Measurement Equipment

The instrument was a portable, weatherproof multi-parameter measuring instrument (YSI 6820) complete with cables, multi-probe sensor, comprehensive operation manuals, and was operable from a DC power source. It was capable of measuring:

- turbidity levels between 0-1000 NTU (response of the sensor was checked with certified standard turbidity solutions before the start of measurement);
- pH of 0 to 14 units with a resolution of 0.01 unit;
- dissolved oxygen levels in the range of 0 – 50 mg L⁻¹; and 0-500% saturation;
- temperature of -5 to 45 °C; and,
- salinity in the range of 0-40 ppt (checked with 30 ppt Salinity solutions before the start of the measurement).

Water Depth Gauge

An echo sounder mounted to the hull of the survey vessel was used to measure water depth.

Current Velocity

Sea water current velocity was measured using a Workhorse Acoustic Doppler Current Profiler (ADCP) manufactured by Teledyne RD Instruments. This instrument measured current speed and direction in 1 m vertical increments below the survey vessel, from just below the sea surface to just above the seabed.

Water Sampling Equipment

Water samples for suspended solids measurement were collected by the use of a multi-bottle water sampling system (General Oceanics Inc., Rosette Sampler ROS02), consisting of PVC bottles of more than two litres, which could be effectively sealed with cups at both ends. The water sampler had a positive latching system to keep it open and prevent premature closure until released by a messenger when the sampler was at the selected water depth.

2.3.2 Monitoring Methodology

Timing & Frequency

Water quality sampling was undertaken within a 4-hour window of 2 hours before or after mid-flood and mid-ebb tides. Tidal range for flood and ebb tides was not less than 0.5 m for capturing representative tides.

Reference was made to the predicted tides at Chek Lap Kok, which is the tidal station nearest to the Project site, published on the website of Hong Kong Observatory ⁽¹⁾. Based on the predicted water levels at Chek Lap Kok, the baseline water quality monitoring was conducted between 26 July and 23 August 2012, following the schedule presented in *Annex A*. It should be noted that on 16 August 2012, monitoring was cancelled due to adverse weather conditions caused by the typhoon Kai Tak which led to the issue of Typhoon Signal No. 8 by the Hong Kong Observatory during the survey time. As a result, baseline monitoring was undertaken over a period of five (5) weeks during which twelve (12) sampling events were conducted.

Triplicate samples were collected from each of the monitoring events for *in situ* measurements and laboratory analysis.

Depths

Each station was sampled and measurements were taken at three depths, 1 m below the sea surface, mid depth and 1 m above the sea bed. Where the water depth was less than 6 m, the mid-depth station was omitted. For stations that were less than 3 m in depth, only the mid depth sample was taken.

(1) Hong Kong Observatory (2009) <http://www.hko.gov.hk/tide/eCLKtide.htm>

Protocols

The multi-parameter measuring instruments (YSI 6820) were checked and calibrated by an HOKLAS accredited laboratory before use (see calibration reports in *Annex B*). Onsite calibration was also carried out to check the responses of sensors and electrodes using certified standard solutions before each use. Sufficient stocks of spare parts were maintained for replacements when necessary, and backup monitoring equipment was made available.

Water samples were collected in high density polythene bottles, packed in ice (cooled to 4° C without being frozen), and delivered to HOKLAS accredited laboratory as soon as possible after collection for immediate analysis.

Laboratory Analysis

All laboratory work was carried out by HOKLAS accredited laboratory. Water samples were collected at the monitoring and reference stations for carrying out the laboratory determinations. The determination work started within the next working day after collection of the water samples.

For laboratory analysis, the Quality Assurance / Quality Control (QA/QC) details were in accordance with requirements of HOKLAS or another internationally accredited scheme (details refer to *Annex C*).

3 ***BASELINE WATER QUALITY MONITORING RESULTS***

3.1 ***INTRODUCTION***

This Section presents the results of the baseline monitoring of water quality for the Project.

3.2 ***WATER QUALITY MONITORING RESULTS***

Monitoring data and graphical presentations are summarised in *Annex D*.

No major activities influencing the water quality were identified during the monitoring period.

The Action and Limit Levels for DO, turbidity and SS were set in the *EM&A Manual* and the proposed Action and Limit Levels were determined as shown in *Table 3.1*.

The Action and Limit Levels of DO, turbidity and SS are derived from the baseline monitoring data for all stations, and the results are presented in *Table 3.2*.

Table 3.1 *Determination of Action and Limit Level of Water Quality for Dredging, Backfilling and Capping Activities*

Parameter	Action Level	Limit Level
<i>Dissolved Oxygen</i>		
Surface and Middle Depth Averaged	The average of the impact, WSR 45C and WSR 46 station readings are < 5%ile of baseline data	The average of the impact, WSR 45C and WSR 46 station readings are < 4 mg L ⁻¹
	and	and
	Significantly less than the reference stations mean DO (at the same tide of the same day)	Significantly less than the reference stations mean DO (at the same tide of the same day)
Bottom	The average of the impact, WSR 45C and WSR 46 station readings are < 5%ile of baseline data	The average of the impact, WSR 45C and WSR 46 station readings are < 2 mg L ⁻¹
	and	and
	Significantly less than the reference stations mean DO (at the same tide of the same day)	Significantly less than the reference stations mean DO (at the same tide of the same day)
<i>Suspended Solids</i>		
Depth Averaged	The average of the impact, WSR 45C and WSR 46 station readings are > 95%ile of baseline data	The average of the impact, WSR 45C and WSR 46 station readings are > 99%ile of baseline data
	and	and
	120% or more of the reference stations SS (at the same tide of the same day)	130% or more of the reference stations SS (at the same tide of the same day)
<i>Turbidity</i>		
Depth Averaged	The average of the impact, WSR 45C and WSR 46 station readings are > 95%ile of baseline data	The average of the impact, WSR 45C and WSR 46 station readings are > 99% of baseline data
	and	and
	120% or more of the reference stations turbidity (at the same tide of the same day)	130% or more of the reference stations turbidity (at the same tide of the same day)

Table 3.2 Proposed Action and Limit Levels of Water Quality for Dredging, Backfilling and Capping Activities

Parameter	Action Level	Limit Level
Dissolved Oxygen (DO) ⁽¹⁾	<u>Surface and Mid-depth</u> ⁽²⁾ The average of the impact, WSR 45C and WSR 46 station readings are < 5%-ile of baseline data for surface and middle layer = 4.32 mg L ⁻¹	<u>Surface and Mid-depth</u> ⁽²⁾ The average of the impact, WSR 45C and WSR 46 station readings are < 4 mg L ⁻¹
	and Significantly less than the reference stations mean DO (at the same tide of the same day)	and Significantly less than the reference stations mean DO (at the same tide of the same day)
	<u>Bottom</u> The average of the impact, WSR 45C and WSR 46 station readings are < 5%-ile of baseline data for bottom layers = 3.12 mg L ⁻¹	<u>Bottom</u> The average of the impact station, WSR 45C and WSR 46 readings are < 2 mg L ⁻¹
	and Significantly less than the reference stations mean DO (at the same tide of the same day)	and Significantly less than the reference stations mean DO (at the same tide of the same day)
Depth-averaged Suspended Solids (SS) ⁽³⁾⁽⁴⁾	The average of the impact, WSR 45C and WSR 46 station readings are > 95%-ile of baseline data for depth average = 21.60 mg L ⁻¹	The average of the impact, WSR 45C and WSR 46 station readings are > 99%-ile of baseline data for depth average = 40.10 mg L ⁻¹
	and 120% of control station's SS at the same tide of the same day	and 130% of control station's SS at the same tide of the same day
Depth-averaged Turbidity (Tby) ⁽³⁾⁽⁴⁾	The average of the impact, WSR 45C and WSR 46 station readings are > 95%-ile of baseline data = 25.04 NTU	The average of the impact, WSR 45C and WSR 46 station readings are > 99%-ile of baseline data = 32.68 NTU
	and 120% of control station's Tby at the same tide of the same day	and 130% of control station's Tby at the same tide of the same day

Notes:

- (1) For DO, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.
- (2) The Action and Limit Levels for DO for Surface & Middle layers were calculated from the combined pool of baseline surface layer data and baseline middle layer data.
- (3) "Depth-averaged" is calculated by taking the arithmetic means of reading of all three depths.
- (4) For turbidity and SS, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.

CONCLUSION

Baseline water quality monitoring was conducted between 26 July and 23 August 2012 at eighteen designated monitoring stations established for the Project. The monitoring was carried out 3 days per week, at mid-flood and mid-ebb tides, at three depths (surface, middle and bottom), for 5 weeks prior to the commencement of dredging works in accordance with the Environmental Monitoring and Audit Manual for the Project. No major activities were noted during baseline monitoring. Water quality monitoring results are, therefore, representative of the baseline conditions for the Project.

Results have been used to determine Action and Limit Levels for the dissolved oxygen, suspended solids and turbidity for impact monitoring to be conducted during dredging, backfilling and capping activities of the two seabed pits for the new facility at the South of The Brothers. The proposed Action and Limit Levels for DO, SS and Turbidity listed in *Table 4.1* below will be adopted for impact monitoring during dredging, backfilling and capping activities of the Project.

Table 4.1 Proposed Action and Limit Levels of Water Quality for Dredging, Backfilling and Capping Activities

Parameter	Action Level	Limit Level
Dissolved Oxygen (DO) ⁽¹⁾	<u>Surface and Mid-depth</u> ⁽²⁾ The average of the impact, WSR 45C and WSR 46 station readings are < 5%-ile of baseline data for surface and middle layer = 4.32 mg L ⁻¹	<u>Surface and Mid-depth</u> ⁽²⁾ The average of the impact, WSR 45C and WSR 46 station readings are < 4 mg L ⁻¹
	and Significantly less than the reference stations mean DO (at the same tide of the same day)	and Significantly less than the reference stations mean DO (at the same tide of the same day)
	<u>Bottom</u> The average of the impact, WSR 45C and WSR 46 station readings are < 5%-ile of baseline data for bottom layers = 3.12 mg L ⁻¹	<u>Bottom</u> The average of the impact station, WSR 45C and WSR 46 readings are < 2 mg L ⁻¹
	and Significantly less than the reference stations mean DO (at the same tide of the same day)	and Significantly less than the reference stations mean DO (at the same tide of the same day)
Depth-averaged Suspended Solids (SS) ⁽³⁾⁽⁴⁾	The average of the impact, WSR 45C and WSR 46 station readings are > 95%-ile of baseline data for depth average = 21.60 mg L ⁻¹	The average of the impact, WSR 45C and WSR 46 station readings are > 99%-ile of baseline data for depth average = 40.10 mg L ⁻¹
	and 120% of control station's SS at the same tide of the same day	and 130% of control station's SS at the same tide of the same day
Depth-averaged Turbidity (Tby) ⁽³⁾⁽⁴⁾	The average of the impact, WSR 45C and WSR 46 station readings are > 95%-ile of baseline data = 25.04 NTU	The average of the impact, WSR 45C and WSR 46 station readings are > 99%-ile of baseline data = 32.68 NTU
	and 120% of control station's Tby at the same tide of the same day	and 130% of control station's Tby at the same tide of the same day

Notes:

- (1) For DO, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.
- (2) The Action and Limit Levels for DO for Surface & Middle layers were calculated from the combined pool of baseline surface layer data and baseline middle layer data.
- (3) "Depth-averaged" is calculated by taking the arithmetic means of reading of all three depths.
- (4) For turbidity and SS, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.

Annex A

Baseline Monitoring Schedule

**Environmental Monitoring and Audit for Contaminated Mud Pits to the South of The Brothers (2012-2017) - Investigation
Water Quality Baseline Monitoring Schedule - July 2012**

Reference Tidal Station: Chek Lap Kok (Source: HK Observatory)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
01-Jul	02-Jul	03-Jul	04-Jul	05-Jul	06-Jul	07-Jul
08-Jul	09-Jul	10-Jul	11-Jul	12-Jul	13-Jul	14-Jul
15-Jul	16-Jul	17-Jul	18-Jul	19-Jul	20-Jul	21-Jul
22-Jul	23-Jul	24-Jul	25-Jul	26-Jul	27-Jul	28-Jul
29-Jul	30-Jul	31-Jul		Mid-Flood 10:30 Mid-Ebb 16:05 <i>Baseline Monitoring</i>		Mid-Flood 14:00 Mid-Ebb 10:00 <i>Baseline Monitoring</i>
		Mid-Flood 17:01 Mid-Ebb 10:02 <i>Baseline Monitoring</i>				

**Environmental Monitoring and Audit for Contaminated Mud Pits to the South of The Brothers (2012-2017) - Investigation
Water Quality Baseline Monitoring Schedule - August 2012**

Reference Tidal Station: Chek Lap Kok (Source: HK Observatory)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			01-Aug	02-Aug	03-Aug	04-Aug
				Mid-Flood 18:31 Mid-Ebb 11:30 <i>Baseline Monitoring</i>		Mid-Flood 06:01 Mid-Ebb 12:30 <i>Baseline Monitoring</i>
05-Aug	06-Aug	07-Aug	08-Aug	09-Aug	10-Aug	11-Aug
		Mid-Flood 10:03 Mid-Ebb 14:00 <i>Baseline Monitoring</i>		Mid-Flood 10:01 Mid-Ebb 15:30 <i>Baseline Monitoring</i>		Mid-Flood 15:30 Mid-Ebb 10:06 <i>Baseline Monitoring</i>
12-Aug	13-Aug	14-Aug	15-Aug	16-Aug	17-Aug	18-Aug
		Mid-Flood 16:00 Mid-Ebb 09:02 <i>Baseline Monitoring</i>		Mid-Flood 19:07 Mid-Ebb 12:08 <i>(Cancelled due to Typhoon Signal No.8)</i>		Mid-Flood 05:01 Mid-Ebb 11:32 <i>Baseline Monitoring</i>
19-Aug	20-Aug	21-Aug	22-Aug	23-Aug	24-Aug	25-Aug
		Mid-Flood 07:03 Mid-Ebb 13:30 <i>Baseline Monitoring</i>		Mid-Flood 09:01 Mid-Ebb 15:01 <i>Baseline Monitoring</i>		
26-Aug	27-Aug	28-Aug	29-Aug	30-Aug	31-Aug	

Annex B

Calibration Reports of Multi-parameter Sensor



**TELEDYNE
RD INSTRUMENTS**

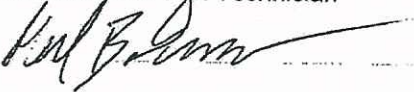
A Teledyne Technologies Company

Certificate of Conformance


Date: 8/8/2007
Part Number: WHSW600-I-UG57
System Serial Number: 6518

TRD Instruments hereby certifies that the system described above was fully calibrated, tested, and inspected according to TRD Instruments factory specifications. Standards established by TRD Instruments for calibrating the measuring and test equipment used in controlling product quality are traceable to TRD Instruments standards. To maintain specifications, regular maintenance intervals are essential. Factory Acceptance test results attached.

Title: Teledyne RD Instruments Test Technician 8/8/2007

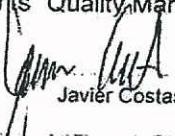
Signature: 

Title: Teledyne RD Instruments Production Manager 8/8/2007

Signature: 

Larry Houghton

Title: Teledyne RD Instruments Quality Manager 8/8/2007

Signature: 

Javier Costas

14020 Stowe Drive, Poway, CA 92064, USA
Tel: +1-858-842-2600 Fax: +1-858-842-2822
E-mail: sales@rdinstruments.com, rdifs@rdinstruments.com



**TELEDYNE
RD INSTRUMENTS**

A Teledyne Technologies Company

Certificate of Conformance

Date: 3/29/2006
Part Number: WHSZW1200-I-UG49
System Serial Number: 7478

TRD Instruments hereby certifies that the system described above was fully calibrated, tested, and inspected according to TRD Instruments factory specifications. Standards established by TRD Instruments for calibrating the measuring and test equipment used in controlling product quality are traceable to TRD Instruments standards. To maintain specifications, regular maintenance intervals are essential. Factory Acceptance test results attached.

Title: Teledyne RD Instruments Test Technician 3/29/2006

Signature: 

Title: Teledyne RD Instruments Manufacturing Manager 3/29/2006

Signature: 

Larry Houghton

Title: Teledyne RD Instruments Quality Manager 3/29/2006

Signature: 

Javier Costas

14020 Stowe Drive, Poway, CA 92064, USA

Tel: +1-858-842-2600 Fax: +1-858-842-2822

E-mail: sales@rdinstruments.com, rdifs@rdinstruments.com



**TELEDYNE
RD INSTRUMENTS**

A Teledyne Technologies Company

Certificate of Conformance


Date: 3/29/2006
Sales Order: 3017050
Part Number: WHSW600-I-UG80
System Serial Number: 7530
Customer: EGS
EGS (Asia) Limited
9th Floor South, Somerset House
Taikoo Place
979 King's Road
Quarry Bay, Hong Kong

TRD Instruments hereby certifies that the system described above was fully calibrated, tested, and inspected according to TRD Instruments factory specifications. Standards established by TRD Instruments for calibrating the measuring and test equipment used in controlling product quality are traceable to TRD Instruments standards. To maintain specifications, regular maintenance intervals are essential. Factory Acceptance test results attached.

Title: Teledyne RD Instruments Test Technician 3/29/2006

Signature: 

Title: Teledyne RD Instruments Manufacturing Manager 3/29/2006

Signature: 

Larry Houghton

Title: Teledyne RD Instruments Quality Manager 3/29/2006

Signature: 

Javier Costas

9855 Businesspark Avenue, San Diego, CA 92131, USA
Tel: +1-858-693-1178 Fax: +1-858-695-1456
E-mail: sales@rdinstruments.com, rdifs@rdinstruments.com



Form Name :
**Temperature/Salinity/Turbidity
Calibration Record**

Procedure Type: **Calibration**
Form No/Rev: **En10R / 2**
Template Approval: **24-May-11**
Approved by: **R E Hale**

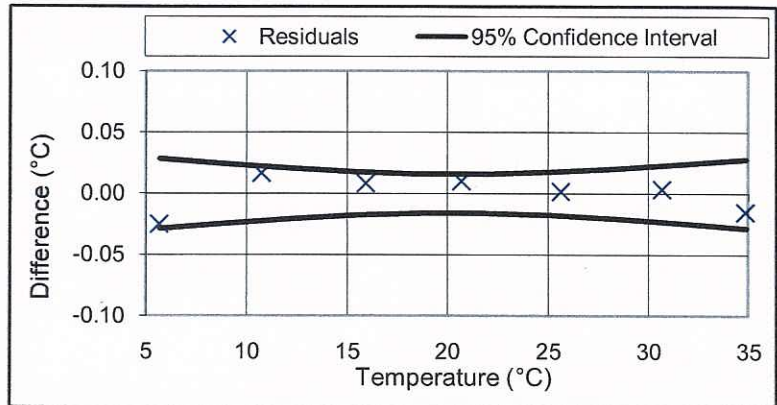
CALIBRATION RECORD FOR TEMPERATURE/SALINITY/TURBIDITY SENSOR

Instrument model: **YSI 6820** Calibration date **26 Jun 2012**
Serial Number **02J0058-AA** EGS Instrument No **MPP15** Calibration Engineer **Ricky Wong**

Cal Thermometers	0-15 °C	15-30 °C	30-45 °C	Cal Salinometer	Ref A	Ref B	Cal A	Cal B
Thermoschneider	878919	919402	916278	RTASAL 69470	0	0	0	0

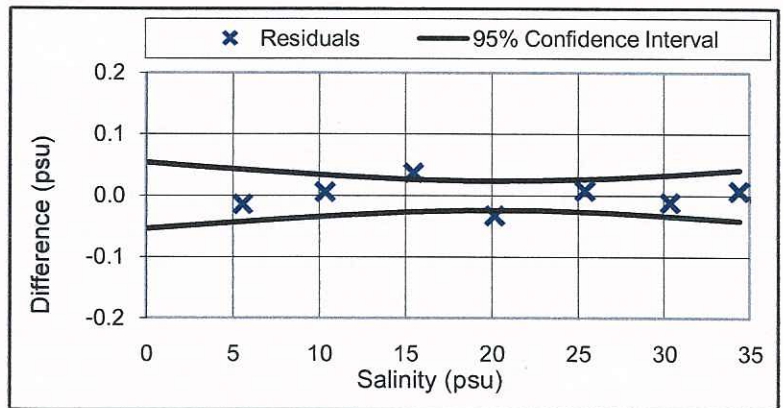
TEMPERATURE CALIBRATION

Reference YSI 6820	Calculated	Residual	
5.67	5.46	5.695	-0.025
10.74	10.49	10.723	0.017
15.94	15.70	15.932	0.008
20.71	20.47	20.700	0.010
25.65	25.42	25.648	0.002
30.71	30.48	30.707	0.003
34.87	34.66	34.885	-0.015



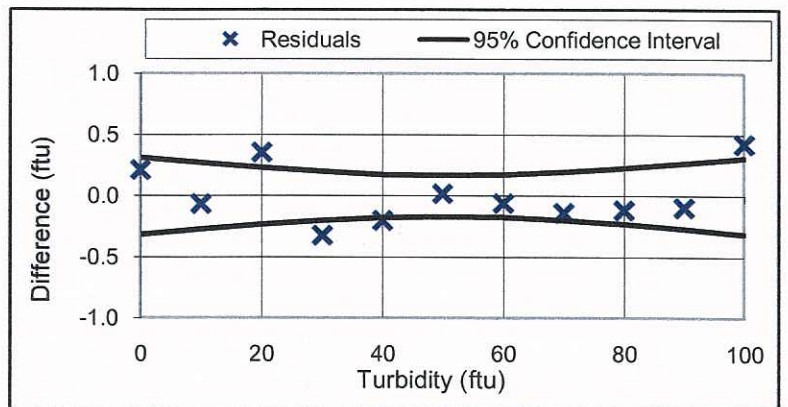
SALINITY CALIBRATION

Reference YSI 6820	Calculated	Residual	
5.56	5.58	5.574	-0.014
10.33	10.34	10.324	0.006
15.47	15.46	15.433	0.037
20.17	20.43	20.203	-0.033
25.4	25.44	25.392	0.008
30.37	30.44	30.381	-0.011
34.39	34.45	34.383	0.007



TURBIDITY CALIBRATION

Reference YSI 6820	Calculated	Residual	
0.0	0.0	-0.21	0.21
10.0	10.3	10.07	-0.07
20.0	19.9	19.65	0.35
30.0	30.6	30.32	-0.32
40.0	40.5	40.20	-0.20
50.0	50.3	49.98	0.02
60.0	60.4	60.06	-0.06
70.0	70.5	70.14	-0.14
80.0	80.5	80.12	-0.12
90.0	90.5	90.10	-0.10
100.0	100.0	99.58	0.42



CALIBRATION SUMMARY

	Temperature	Salinity	Turbidity
Calibration gradient, m	0.9997 ±0.0003	0.9979 ±0.0004	0.998 ±0.0008
Calibration intercept, c	0.24 ±0.00°C	0.01 ±0.00psu	-0.21 ±0.02ftu
95% Confidence interval	±0.028 °C	±0.054 psu	±0.32 ftu
PASS/FAIL CRITERION	0.1 PASS	0.2 PASS	1.0 PASS

Calibration Engineer	Ricky Wong	Geoscientist	R E Hale	Senior Engineer	Sunny Hu
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Form Name :
**Temperature/Salinity/Turbidity
 Calibration Record**

Procedure Type: **Calibration**
 Form No/Rev: **En10R / 2**
 Template Approval: **24-May-11**
 Approved by: **R E Hale**

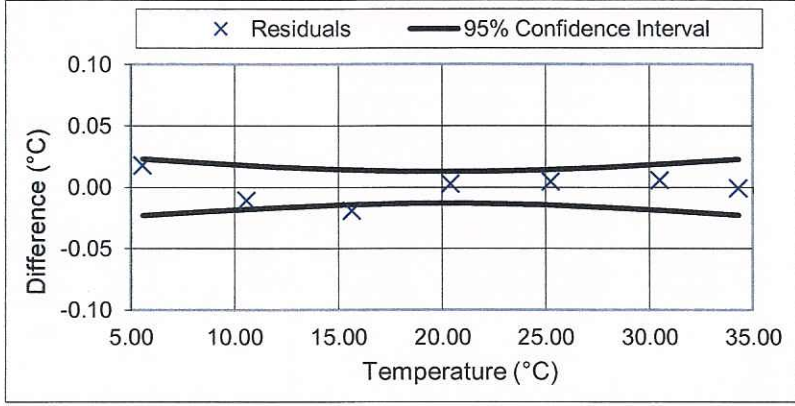
CALIBRATION RECORD FOR TEMPERATURE/SALINITY/TURBIDITY SENSOR

Instrument model: **YSI 6920** Calibration date: **04 Jul 2012**
 Serial Number: **07H100241** EGS Instrument No: **MPP22** Calibration Engineer: **Even Mak**

Cal Thermometers	0-15 °C	15-30 °C	30-45 °C	Cal Salinometer	Ref A	Ref B	Cal A	Cal B
Thermoschneider	878919	919402	916278	PORTASAL 69470	0	0	0	0

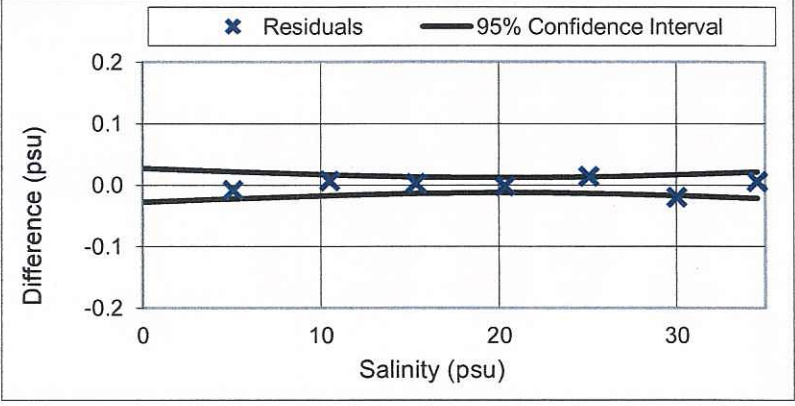
TEMPERATURE CALIBRATION

Reference YSI 6920	Calculate	Residual	
5.55	5.30	5.532	0.018
10.58	10.35	10.591	-0.011
15.65	15.42	15.669	-0.019
20.40	20.14	20.397	0.003
25.26	24.99	25.255	0.005
30.50	30.22	30.494	0.006
34.30	34.02	34.301	-0.001



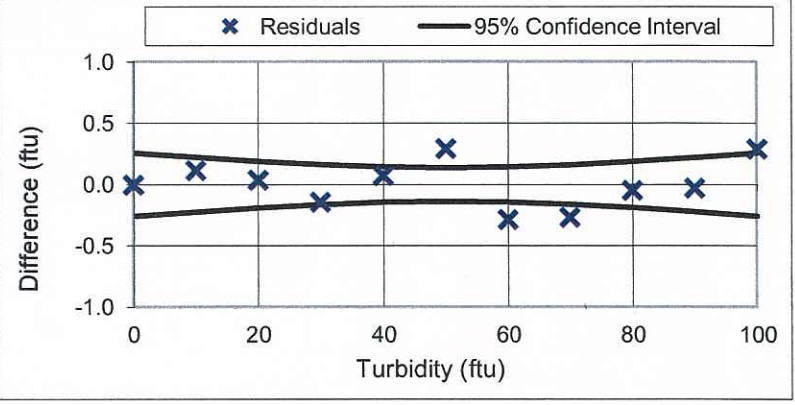
SALINITY CALIBRATION

Reference YSI 6920	Calculate	Residual	
5.11	5.11	5.118	-0.008
10.52	10.5	10.513	0.007
15.35	15.33	15.347	0.003
20.36	20.34	20.362	-0.002
25.11	25.07	25.096	0.014
30.04	30.03	30.060	-0.020
34.55	34.51	34.544	0.006



TURBIDITY CALIBRATION

Reference YSI 6920	Calculate	Residual	
0.0	0.0	0.01	-0.01
10.0	9.9	9.89	0.11
20.0	20.0	19.97	0.03
30.0	30.2	30.15	-0.15
40.0	40.0	39.93	0.07
50.0	49.8	49.71	0.29
60.0	60.4	60.29	-0.29
70.0	70.4	70.27	-0.27
80.0	80.2	80.05	-0.05
90.0	90.2	90.03	-0.03
100.0	99.9	99.71	0.29



CALIBRATION SUMMARY

	Temperature	Salinity	Turbidity
Calibration gradient, m	1.0017 ±0.0002	1.0009 ±0.0002	0.998 ±0.0006
Calibration intercept, c	0.22 ±0.00°C	0.00 ±0.00psu	0.01 ±0.02ftu
95% Confidence interval	±0.023 °C	±0.028 psu	±0.26 ftu
PASS/FAIL CRITERION	0.1 PASS	0.2 PASS	1.0 PASS

Calibration Engineer: **Even Mak** Geoscientist: **R E Hale** Senior Engineer: **Sunny Hu**



Form Name :
**Temperature/Salinity/Turbidity
 Calibration Record**

Procedure Type: **Calibration**
 Form No/Rev: **En10R / 2**
 Template Approval: **24-May-11**
 Approved by: **R E Hale**

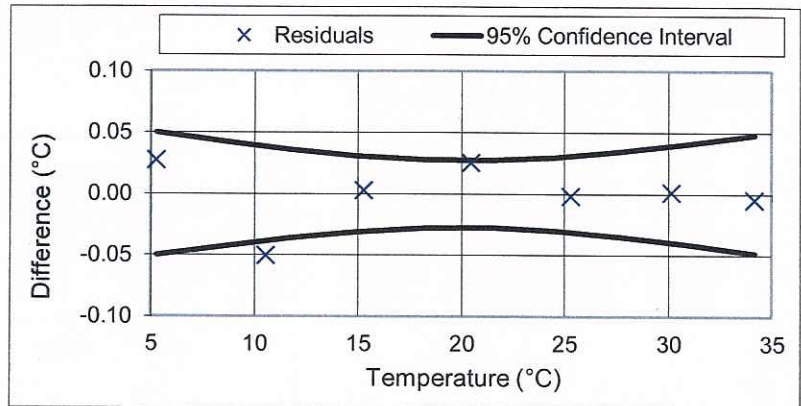
CALIBRATION RECORD FOR TEMPERATURE/SALINITY/TURBIDITY SENSOR

Instrument model: **YSI 6920** Calibration date: **09 Jul 2012**
 Serial Number: **07K101951** EGS Instrument No: **MPP23** Calibration Engineer: **Even Mak**

Cal Thermometers	0-15 °C	15-30 °C	30-45 °C	Cal Salinometer	Ref A	Ref B	Cal A	Cal B
Thermoschneider	878919	919402	916278	PORTASAL 69470	0	0	0	0

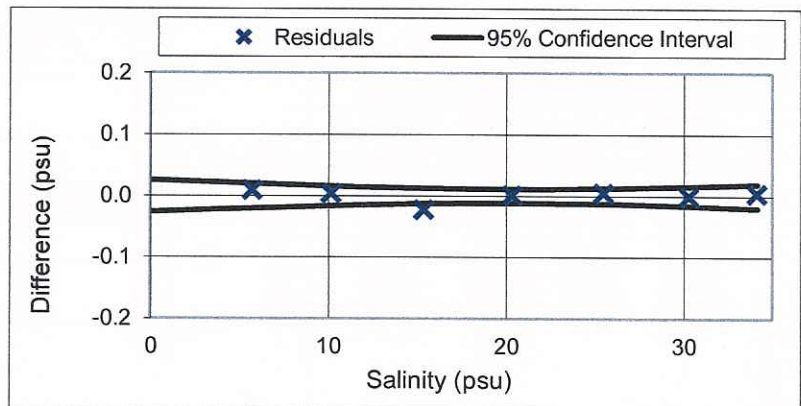
TEMPERATURE CALIBRATION

Reference YSI 6920	Calculate	Residual	
5.26	5.21	5.233	0.027
10.55	10.57	10.600	-0.050
15.28	15.24	15.277	0.003
20.44	20.37	20.415	0.025
25.30	25.25	25.302	-0.002
30.15	30.09	30.149	0.001
34.18	34.12	34.185	-0.005



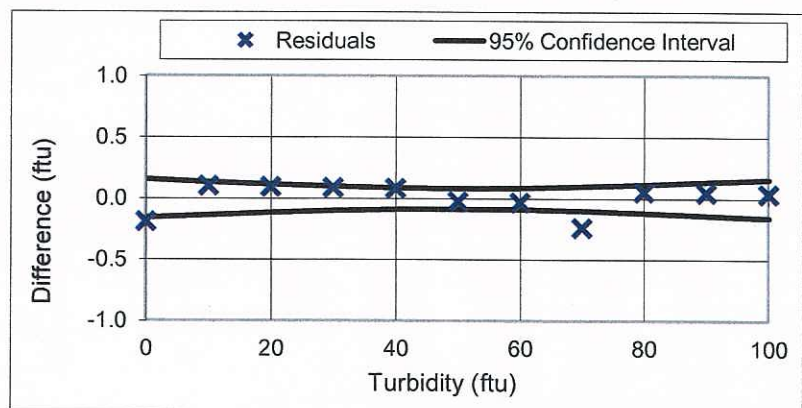
SALINITY CALIBRATION

Reference YSI 6920	Calculate	Residual	
5.71	5.71	5.700	0.010
10.15	10.15	10.146	0.004
15.34	15.36	15.363	-0.023
20.33	20.32	20.329	0.001
25.51	25.49	25.505	0.005
30.3	30.28	30.301	-0.001
34.13	34.1	34.126	0.004



TURBIDITY CALIBRATION

Reference YSI 6920	Calculate	Residual	
0.0	0.0	0.19	-0.19
10.0	9.7	9.90	0.10
20.0	19.7	19.91	0.09
30.0	29.7	29.91	0.09
40.0	39.7	39.92	0.08
50.0	49.8	50.03	-0.03
60.0	59.8	60.03	-0.03
70.0	70.0	70.24	-0.24
80.0	79.7	79.95	0.05
90.0	89.7	89.96	0.04
100.0	99.7	99.96	0.04



CALIBRATION SUMMARY

	Temperature	Salinity	Turbidity
Calibration gradient, m	1.0015 ±0.0005	1.0013 ±0.0002	1.001 ±0.0004
Calibration intercept, c	0.01 ±0.00°C	-0.02 ±0.00psu	0.19 ±0.01ftu
95% Confidence interval	±0.050 °C	±0.026 psu	±0.16 ftu
PASS/FAIL CRITERION	0.1 PASS	0.2 PASS	1.0 PASS

Calibration Engineer	Even Mak	Geoscientist	R E Hale	Senior Engineer	Sunny Hu
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Form Name :
**Temperature/Salinity/Turbidity
 Calibration Record**

Procedure Type: **Calibration**
 Form No/Rev: **En10R / 2**
 Template Approval **24-May-11**
 Approved by: **R E Hale**

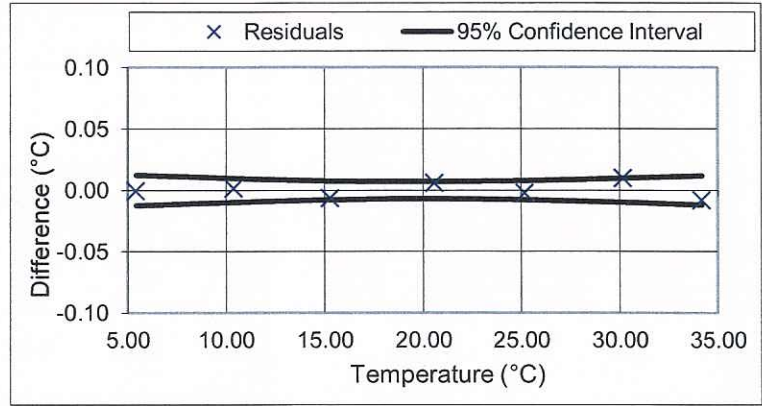
CALIBRATION RECORD FOR TEMPERATURE/SALINITY/TURBIDITY SENSOR

Instrument model: **YSI 6920** Calibration date **22 Jun 2012**
 Serial Number **08C100240** EGS Instrument No **MPP30** Calibration Engineer **Ricky Wong**

Cal Thermometers	0-15 °C	15-30 °C	30-45 °C	Cal Salinometer	Ref A	Ref B	Cal A	Cal B
Thermoschneider	878919	919402	916278	ORTASAL 69470	0	0	0	0

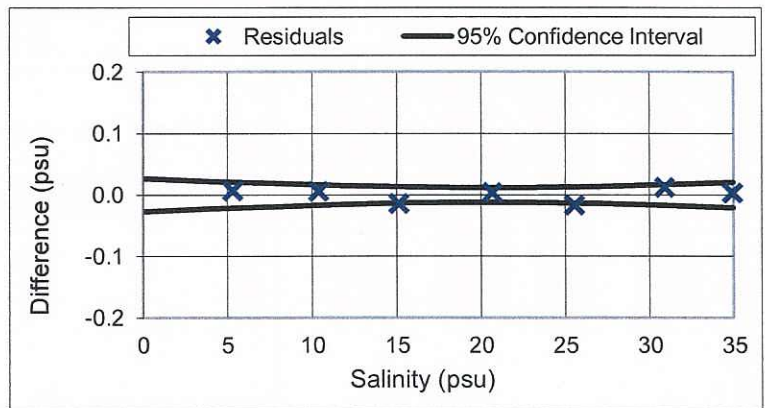
TEMPERATURE CALIBRATION

Reference YSI 6920	Calculated	Residual	
5.40	5.40	5.401	-0.001
10.38	10.38	10.378	0.002
15.28	15.29	15.286	-0.006
20.57	20.57	20.564	0.006
25.18	25.19	25.182	-0.002
30.17	30.17	30.160	0.010
34.17	34.19	34.178	-0.008



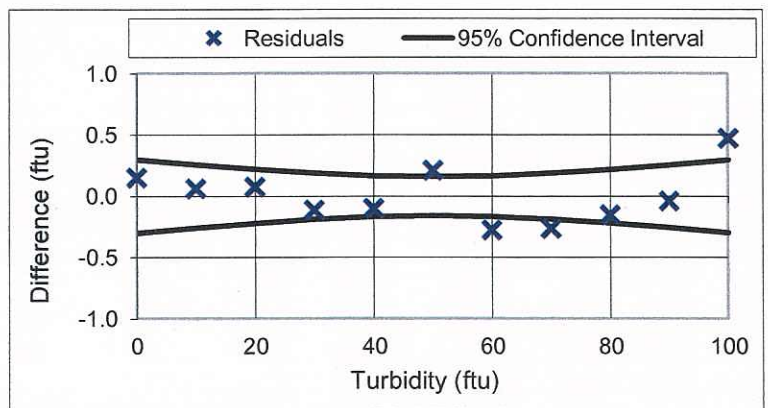
SALINITY CALIBRATION

Reference YSI 6920	Calculated	Residual	
5.32	5.31	5.313	0.007
10.4	10.38	10.394	0.006
15.13	15.12	15.144	-0.014
20.7	20.66	20.696	0.004
25.56	25.53	25.577	-0.017
30.9	30.83	30.888	0.012
34.92	34.85	34.917	0.003



TURBIDITY CALIBRATION

Reference YSI 6920	Calculated	Residual	
0.0	0.0	-0.15	0.15
10.0	10.1	9.94	0.06
20.0	20.1	19.93	0.07
30.0	30.3	30.12	-0.12
40.0	40.3	40.10	-0.10
50.0	50.0	49.79	0.21
60.0	60.5	60.28	-0.28
70.0	70.5	70.27	-0.27
80.0	80.4	80.15	-0.15
90.0	90.3	90.04	-0.04
100.0	99.8	99.53	0.47



CALIBRATION SUMMARY

	Temperature	Salinity	Turbidity
Calibration gradient, m	0.9996 ±0.0001	1.0022 ±0.0002	0.999 ±0.0007
Calibration intercept, c	0.00 ±0.00°C	-0.01 ±0.00psu	-0.15 ±0.02ftu
95% Confidence interval	±0.013 °C	±0.027 psu	±0.30 ftu
PASS/FAIL CRITERION	0.1 PASS	0.2 PASS	1.0 PASS

Calibration Engineer	Ricky Wong	Geoscientist	R E Hale	Senior Engineer	Sunny Hu
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Form Name :
**Temperature/Salinity/Turbidity
 Calibration Record**

Procedure Type: **Calibration**
 Form No/Rev: **En10R / 2**
 Template Approval: **24-May-11**
 Approved by: **R E Hale**

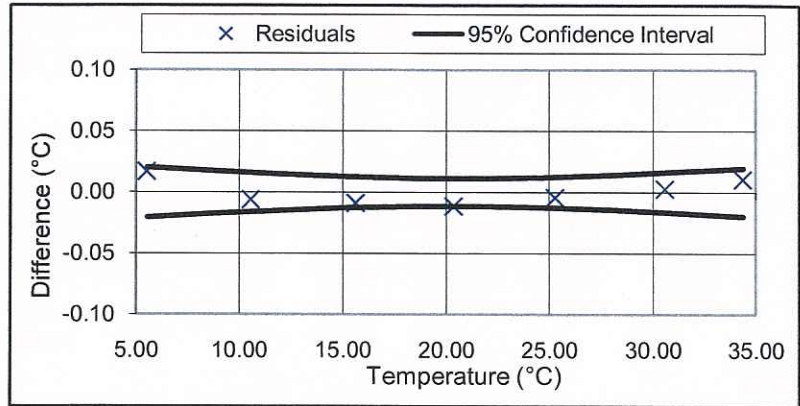
CALIBRATION RECORD FOR TEMPERATURE/SALINITY/TURBIDITY SENSOR

Instrument model: **YSI 6920** Calibration date: **04 Jul 2012**
 Serial Number: **08C100241** EGS Instrument No: **MPP31** Calibration Engineer: **Even Mak**

Cal Thermometers	0-15 °C	15-30 °C	30-45 °C	Cal Salinometer	Ref A	Ref B	Cal A	Cal B
Thermoschneider	878919	919402	916278	PORTASAL 69470	0	0	0	0

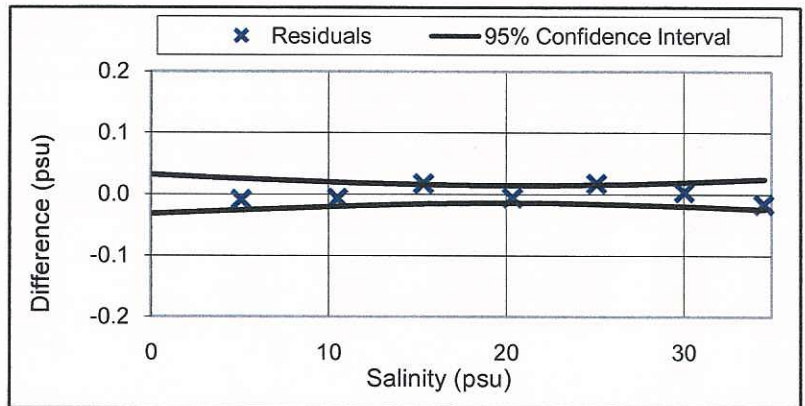
TEMPERATURE CALIBRATION

Reference YSI 6920	Calculate	Residual	
5.52	5.51	5.503	0.017
10.57	10.58	10.576	-0.006
15.62	15.63	15.629	-0.009
20.37	20.38	20.381	-0.011
25.28	25.28	25.284	-0.004
30.57	30.56	30.567	0.003
34.38	34.36	34.369	0.011



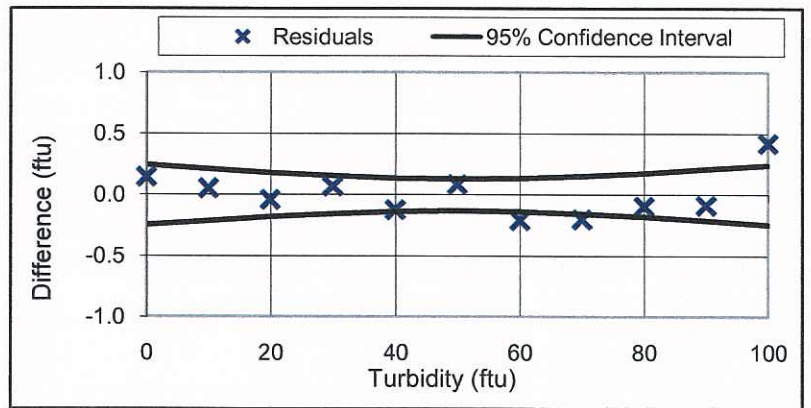
SALINITY CALIBRATION

Reference YSI 6920	Calculate	Residual	
5.11	5.12	5.119	-0.009
10.52	10.6	10.527	-0.007
15.35	15.47	15.333	0.017
20.36	20.57	20.366	-0.006
25.11	25.36	25.093	0.017
30.04	30.37	30.037	0.003
34.55	34.96	34.566	-0.016



TURBIDITY CALIBRATION

Reference YSI 6920	Calculate	Residual	
0.0	0.0	-0.14	0.14
10.0	10.1	9.95	0.05
20.0	20.2	20.04	-0.04
30.0	30.1	29.93	0.07
40.0	40.3	40.13	-0.13
50.0	50.1	49.92	0.08
60.0	60.4	60.21	-0.21
70.0	70.4	70.20	-0.20
80.0	80.3	80.10	-0.10
90.0	90.3	90.09	-0.09
100.0	99.8	99.58	0.42



CALIBRATION SUMMARY

	Temperature	Salinity	Turbidity
Calibration gradient, m	1.0006 ±0.0002	0.9868 ±0.0002	0.999 ±0.0006
Calibration intercept, c	-0.01 ±0.00°C	0.07 ±0.00psu	-0.14 ±0.02ftu
95% Confidence interval	±0.020 °C	±0.032 psu	±0.24 ftu
PASS/FAIL CRITERION	0.1 PASS	0.2 PASS	1.0 PASS

Calibration Engineer	Even Mak	Geoscientist	R E Hale	Senior Engineer	Sunny Hu
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Form Name :
**Temperature/Salinity/Turbidity
 Calibration Record**

Procedure Type: **Calibration**
 Form No/Rev: **En10R / 2**
 Template Approval: **24-May-11**
 Approved by: **R E Hale**

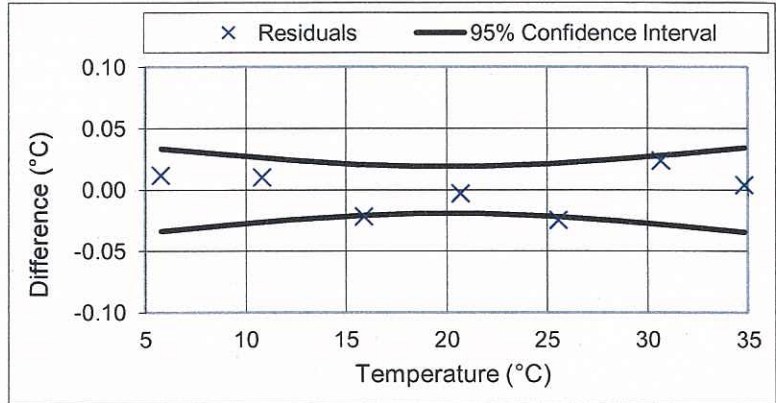
CALIBRATION RECORD FOR TEMPERATURE/SALINITY/TURBIDITY SENSOR

Instrument model: **YSI 6820** Calibration date **26 Jun 2012**
 Serial Number **09H101347** EGS Instrument No **MPP37** Calibration Engineer **Ricky Wong**

Cal Thermometers	0-15 °C	15-30 °C	30-45 °C	Cal Salinometer	Ref A	Ref B	Cal A	Cal B
Thermoschneider	878919	919402	916278	ORTASAL 69470	0	0	0	0

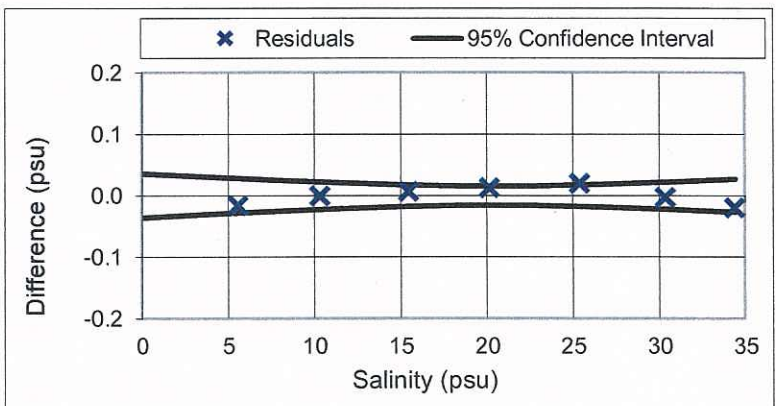
TEMPERATURE CALIBRATION

Reference YSI 6820	Calculated	Residual	
5.77	5.21	5.758	0.012
10.81	10.24	10.800	0.010
15.90	15.35	15.922	-0.022
20.70	20.12	20.703	-0.003
25.60	25.03	25.625	-0.025
30.68	30.05	30.656	0.024
34.82	34.20	34.816	0.004



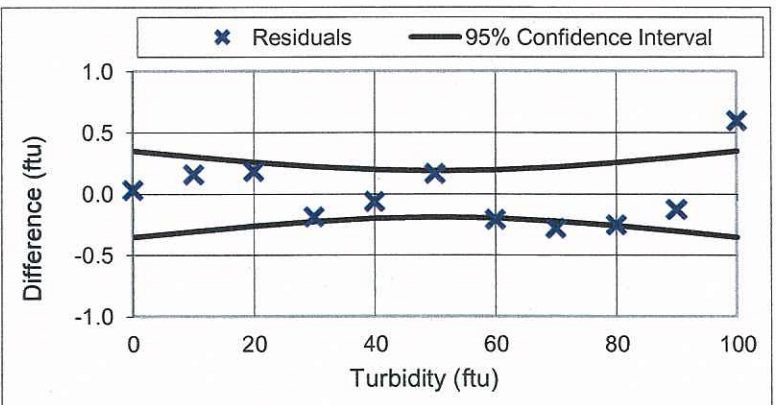
SALINITY CALIBRATION

Reference YSI 6820	Calculated	Residual	
5.56	5.59	5.576	-0.016
10.33	10.36	10.330	0.000
15.47	15.51	15.463	0.007
20.17	20.22	20.157	0.013
25.4	25.46	25.380	0.020
30.37	30.47	30.373	-0.003
34.39	34.52	34.410	-0.020



TURBIDITY CALIBRATION

Reference YSI 6820	Calculated	Residual	
0.0	0.0	-0.03	0.03
10.0	9.9	9.84	0.16
20.0	19.9	19.82	0.18
30.0	30.3	30.19	-0.19
40.0	40.2	40.06	-0.06
50.0	50.0	49.84	0.16
60.0	60.4	60.21	-0.21
70.0	70.5	70.28	-0.28
80.0	80.5	80.25	-0.25
90.0	90.4	90.13	-0.13
100.0	99.7	99.40	0.60



CALIBRATION SUMMARY

	Temperature	Salinity	Turbidity
Calibration gradient, m	1.0023 ±0.0003	0.9967 ±0.0003	0.997 ±0.0009
Calibration intercept, c	0.54 ±0.00°C	0.00 ±0.00psu	-0.03 ±0.03ftu
95% Confidence interval	±0.035 °C	±0.036 psu	±0.35 ftu
PASS/FAIL CRITERION	0.1 PASS	0.2 PASS	1.0 PASS

Calibration Engineer	Ricky Wong	Geoscientist	R E Hale	Senior Engineer	Sunny Hu
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Annex C

QA/QC Results



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428010)								
HK1219870-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.17	0.16	6.1
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428011)								
HK1219870-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.26	0.28	7.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428012)								
HK1219870-031	SB-WFB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428013)								
HK1219870-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.22	0.21	4.6
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428014)								
HK1219870-081	NM1 303 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.16	0.16	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428015)								
HK1219870-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.11	0.11	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428016)								
HK1219870-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.14	0.14	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428017)								
HK1219870-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.15	0.15	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428018)								
HK1219870-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428019)								
HK1219870-191	SB-WFA 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.17	0.17	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428020)								
HK1219870-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.22	0.20	9.5
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428021)								
HK1219870-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.20	0.19	5.1
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428022)								
HK1219870-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.25	0.23	8.3
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428023)								
HK1219870-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428024)								
HK1219870-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.11	0.11	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428156)								
HK1219870-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428158)								
HK1219870-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.04	0.04	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428160)								
HK1219870-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.05	0.05	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428162)								
HK1219870-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428164)								
HK1219870-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428166)								
HK1219870-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.05	0.05	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428168)								
HK1219870-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428170)								
HK1219870-141	THB1 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428172)								
HK1219870-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.05	0.05	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428174)								
HK1219870-181	NM6 101 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428176)								
HK1219870-191	SB-WFA 102 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428178)								
HK1219870-231	WSR45C 203 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428180)								
HK1219870-251	SB-WNAB 302 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.05	18.2
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428182)								
HK1219870-261	THB1 303 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428184)								
HK1219870-291	NM2 103 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2431319)								
HK1219870-002	SB-WFA 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-011	NM5 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2431320)								
HK1219870-002	SB-WFA 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-011	NM5 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2431320) - Continued								
HK1219870-011	NM5 102 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	24	22	8.1
EG: Metals and Major Cations - Filtered (QC Lot: 2431321)								
HK1219870-022	NM6 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-031	SB-WFB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2431322)								
HK1219870-022	NM6 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-031	SB-WFB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432194)								
HK1219870-042	SB-WMA 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-051	NM3 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432195)								
HK1219870-042	SB-WMA 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-051	NM3 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2432195) - Continued								
HK1219870-051	NM3 203 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432196)								
HK1219870-062	NM2 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-071	SB-WMB 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432197)								
HK1219870-062	NM2 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-071	SB-WMB 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432203)								
HK1219870-082	MW1 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-091	WSR45C 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432204)								
HK1219870-082	MW1 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-091	WSR45C 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2432204) - Continued								
HK1219870-091	WSR45C 101 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432205)								
HK1219870-102	WSR46 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-111	SB-WNBA 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432206)								
HK1219870-102	WSR46 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-111	SB-WNBA 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432213)								
HK1219870-124	SB-WNBB 301 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-131	SB-WNAA 202 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432214)								
HK1219870-124	SB-WNBB 301 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-131	SB-WNAA 202 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2432214) - Continued								
HK1219870-131	SB-WNAA 202 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432215)								
HK1219870-148	SB-WNAB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-163	SB-WFB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432216)								
HK1219870-148	SB-WNAB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-163	SB-WFB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	12	12	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432217)								
HK1219870-174	NM5 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-183	NM6 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432218)								
HK1219870-174	NM5 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	5	5	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-183	NM6 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2432218) - Continued								
HK1219870-183	NM6 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	10	10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432219)								
HK1219870-194	SB-WFA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-203	SB-WNBA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432220)								
HK1219870-194	SB-WFA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-203	SB-WNBA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432221)								
HK1219870-214	WSR46 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-223	SB-WNAA 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432222)								
HK1219870-214	WSR46 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-223	SB-WNAA 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	2	0.0
EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0		



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2432222) - Continued								
HK1219870-223	SB-WNAA 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432223)								
HK1219870-234	WSR45C 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-246	SB-WNAB 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432224)								
HK1219870-234	WSR45C 303 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	8	8	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-246	SB-WNAB 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	5	5	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432225)								
HK1219870-259	THB1 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-269	MW1 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432226)								
HK1219870-259	THB1 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	4	4	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-269	MW1 302 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2432226) - Continued								
HK1219870-269	MW1 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432227)								
HK1219870-280	SB-WMB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-289	NM2 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432228)								
HK1219870-280	SB-WMB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-289	NM2 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432229)								
HK1219870-300	NM3 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219870-309	SB-WMA 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432230)								
HK1219870-300	NM3 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219870-309	SB-WMA 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0		



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2432230) - Continued								
HK1219870-309	SB-WMA 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
						LCS	DCS	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428010)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428011)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.9	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428012)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428013)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428014)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.4	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428015)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428016)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.4	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428017)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.9	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428018)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	103	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428019)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428020)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428021)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	110	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428022)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	112	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428023)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	103	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428024)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428156)												



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428156) - Continued											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.5 mg/L	99.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428158)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.5 mg/L	101	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428160)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.5 mg/L	101	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428162)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.5 mg/L	99.7	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428164)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.5 mg/L	100	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428166)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.5 mg/L	99.4	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428168)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.5 mg/L	101	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428170)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.5 mg/L	104	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428172)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	98.3	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428174)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	96.4	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428176)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	96.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428178)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.0	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428180)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.4	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428182)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.0	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428184)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.0	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2431319)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2431320)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	92.8	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	91.6	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	96.2	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.9	----	90	110	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2431320) - Continued											
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.1	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	101	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2431321)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	100	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2431322)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	94.5	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	92.4	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	96.1	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.7	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	97.6	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432194)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	90.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432195)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.7	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	98.7	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.0	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	96.2	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.3	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	101	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432196)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	98.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432197)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	93.0	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.1	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	94.0	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.7	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	96.0	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	98.2	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432203)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	99.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432204)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2432204) - Continued											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	92.7	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.5	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	94.0	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	97.8	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	91.8	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	109	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	99.1	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432205)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432206)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	94.7	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	93.8	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	99.5	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	95.7	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	97.3	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	96.3	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	92.8	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432213)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432214)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	96.6	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	99.1	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.1	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	96.9	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	93.7	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432215)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	104	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432216)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	98.2	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	99.4	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	103	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.0	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	94.8	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	101	----	90	110	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2432216) - Continued											
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	94.0	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432217)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	104	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432218)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	93.1	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	104	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	102	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.7	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	103	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	94.0	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432219)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	98.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432220)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.4	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.0	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	90.4	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.3	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	91.8	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	96.0	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	101	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432221)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	102	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432222)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.3	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.5	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	91.5	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.8	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	91.4	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	94.7	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	93.9	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432223)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	95.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432224)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	96.3	----	90	110	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2432224) - Continued											
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	94.0	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.7	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	96.0	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432225)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	95.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432226)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	99.8	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	110	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	95.1	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	106	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.5	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	110	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	99.0	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432227)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432228)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.1	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	100	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	96.1	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.1	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	94.5	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432229)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432230)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.8	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	102	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	107	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	99.1	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	110	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2432230) - Continued											
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	90.9	----	90	110	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428010)										
HK1219870-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	118	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428011)										
HK1219870-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	123	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428012)										
HK1219870-031	SB-WFB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	93.5	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428013)										
HK1219870-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428014)										
HK1219870-081	NM1 303 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	117	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428015)										
HK1219870-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	91.7	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428016)										
HK1219870-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	86.2	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428017)										
HK1219870-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	90.8	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428018)										
HK1219870-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	92.5	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428019)										
HK1219870-191	SB-WFA 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	94.5	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428020)										
HK1219870-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	84.2	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428021)										
HK1219870-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	91.6	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428022)										
HK1219870-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	119	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428023)										
HK1219870-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	101	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428024)										
HK1219870-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	95.7	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428156)										
HK1219870-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	111	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428158)										
HK1219870-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	117	----	75	125	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428160)										
HK1219870-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	107	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428162)										
HK1219870-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428164)										
HK1219870-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	92.2	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428166)										
HK1219870-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	105	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428168)										
HK1219870-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428170)										
HK1219870-141	THB1 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428172)										
HK1219870-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	98.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428174)										
HK1219870-181	NM6 101 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428176)										
HK1219870-191	SB-WFA 102 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	98.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428178)										
HK1219870-231	WSR45C 203 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428180)										
HK1219870-251	SB-WNAB 302 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428182)										
HK1219870-261	THB1 303 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428184)										
HK1219870-291	NM2 103 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2431319)										
HK1219870-001	SB-WFA 101 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	94.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2431320)										
HK1219870-001	SB-WFA 101 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	93.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	87.8	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	92.2	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	91.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	94.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	94.8	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	96.6	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2431321)										
HK1219870-021	NM6 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2431322)										
HK1219870-021	NM6 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	98.5	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	93.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	92.1	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	93.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	96.6	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	94.8	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	88.5	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432194)										
HK1219870-041	SB-WMA 202 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432195)										
HK1219870-041	SB-WMA 202 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	95.2	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	94.1	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	95.1	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	92.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	96.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	95.0	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	91.3	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432196)										
HK1219870-061	NM2 301 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432197)										
HK1219870-061	NM2 301 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	88.7	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.1	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	97.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	89.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	95.8	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	90.8	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432203)										
HK1219870-081	NM1 303 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432204)										
HK1219870-081	NM1 303 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	105	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	92.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	90.3	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2432204) - Continued										
HK1219870-081	NM1 303 MID-EBB	EG029: Nickel	7440-02-0	10 µg/L	99.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	115	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432205)										
HK1219870-101	WSR46 102 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	76.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432206)										
HK1219870-101	WSR46 102 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	91.2	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	91.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	99.8	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	99.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	95.6	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	83.4	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432213)										
HK1219870-123	SB-WNBB 203 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	99.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432214)										
HK1219870-123	SB-WNBB 203 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	89.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	96.5	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	96.7	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	91.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	99.0	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	99.7	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	102	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432215)										
HK1219870-147	SB-WNAB 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432216)										
HK1219870-147	SB-WNAB 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	101	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	87.7	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	103	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	90.7	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	95.1	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	98.8	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432217)										
HK1219870-173	NM5 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432218)										
HK1219870-173	NM5 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	96.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.1	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2432218) - Continued										
HK1219870-173	NM5 102 MID-FLOOD	EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	97.5	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	101	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	101	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	97.9	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432219)										
HK1219870-193	SB-WFA 201 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432220)										
HK1219870-193	SB-WFA 201 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	104	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	93.6	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	96.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	103	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	92.0	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	104	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	89.4	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2432221)										
HK1219870-213	WSR46 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432222)										
HK1219870-213	WSR46 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	108	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	90.9	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.2	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	96.5	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	85.7	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	99.5	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	118	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2432223)										
HK1219870-233	WSR45C 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432224)										
HK1219870-233	WSR45C 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	96.5	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	93.8	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	88.3	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	90.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	94.6	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	80.8	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	86.5	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2432225)										
HK1219870-258	THB1 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2432226)										
HK1219870-258	THB1 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	105	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	102	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	104	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	114	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	87.6	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432227)										
HK1219870-279	NM1 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432228)										
HK1219870-279	NM1 303 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	97.8	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	92.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	104	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	104	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	96.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	112	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	101	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432229)										
HK1219870-299	NM3 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432230)										
HK1219870-299	NM3 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	91.8	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	103	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	94.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	101	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	94.0	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	96.6	----	80	120	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432001)								
HK1219994-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432003)								
HK1219994-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432005)								
HK1219994-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.03	0.03	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432007)								
HK1219994-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.04	0.04	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432009)								
HK1219994-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432011)								
HK1219994-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432013)								
HK1219994-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432015)								
HK1219994-163	SB-WFB 101 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432017)								
HK1219994-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432019)								
HK1219994-191	SB-WFA 102 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432021)								
HK1219994-211	WSR46 201 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.05	0.05	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432023)								
HK1219994-221	SB-WNAA 202 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432025)								
HK1219994-231	WSR45C 203 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432027)								
HK1219994-261	THB1 303 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432029)								
HK1219994-291	NM2 103 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432042)								
HK1219994-011	NM5 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.16	0.16	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432043)								
HK1219994-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.29	0.28	3.5
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432044)								
HK1219994-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.22	0.21	4.6
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432045)								
HK1219994-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.18	0.19	5.4



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432046)								
HK1219994-061	NM2 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.13	0.13	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432047)								
HK1219994-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.24	0.23	4.2
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432048)								
HK1219994-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.28	0.27	3.6
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432049)								
HK1219994-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.20	0.20	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432050)								
HK1219994-163	SB-WFB 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.13	0.13	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432051)								
HK1219994-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.16	0.15	6.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432052)								
HK1219994-211	WSR46 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.16	0.16	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432053)								
HK1219994-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.20	0.21	4.9
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432054)								
HK1219994-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.20	0.20	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432055)								
HK1219994-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432056)								
HK1219994-291	NM2 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.21	0.20	4.9
EG: Metals and Major Cations - Filtered (QC Lot: 2432231)								
HK1219994-002	SB-WFA 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-011	NM5 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2432232)								
HK1219994-002	SB-WFA 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	11	0.0
HK1219994-011	NM5 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2432232) - Continued								
HK1219994-011	NM5 102 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436524)								
HK1219994-022	NM6 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-031	SB-WFB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436525)								
HK1219994-022	NM6 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219994-031	SB-WFB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436526)								
HK1219994-042	SB-WMA 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-051	NM3 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436527)								
HK1219994-042	SB-WMA 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219994-051	NM3 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2436527) - Continued								
HK1219994-051	NM3 203 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436530)								
HK1219994-062	NM2 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-071	SB-WMB 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436531)								
HK1219994-062	NM2 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219994-071	SB-WMB 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436532)								
HK1219994-082	MW1 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-091	WSR45C 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436533)								
HK1219994-082	MW1 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219994-091	WSR45C 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2436533) - Continued								
HK1219994-091	WSR45C 101 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	17	17	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436538)								
HK1219994-102	WSR46 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-111	SB-WNBA 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436539)								
HK1219994-102	WSR46 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	6	6	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	5	5	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	10	10	0.0
HK1219994-111	SB-WNBA 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436540)								
HK1219994-124	SB-WNBB 301 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-134	SB-WNAA 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436541)								
HK1219994-124	SB-WNBB 301 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219994-134	SB-WNAA 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2436541) - Continued								
HK1219994-134	SB-WNAA 302 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436544)								
HK1219994-148	SB-WNAB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-163	SB-WFB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436545)								
HK1219994-148	SB-WNAB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219994-163	SB-WFB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436546)								
HK1219994-174	NM5 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-183	NM6 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2436547)								
HK1219994-174	NM5 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219994-183	NM6 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	5	5	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2436547) - Continued								
HK1219994-183	NM6 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441700)								
HK1219994-194	SB-WFA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-203	SB-WNBA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441701)								
HK1219994-194	SB-WFA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219994-203	SB-WNBA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441702)								
HK1219994-214	WSR46 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-223	SB-WNAA 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441703)								
HK1219994-214	WSR46 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	4	4	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	12	12	0.0
HK1219994-223	SB-WNAA 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2441703) - Continued								
HK1219994-223	SB-WNAA 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441705)								
HK1219994-234	WSR45C 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-246	SB-WNAB 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441706)								
HK1219994-234	WSR45C 303 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219994-246	SB-WNAB 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441707)								
HK1219994-259	THB1 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-269	MW1 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441708)								
HK1219994-259	THB1 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	10	<10	0.0
HK1219994-269	MW1 302 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2441708) - Continued								
HK1219994-269	MW1 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441710)								
HK1219994-280	SB-WMB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-289	NM2 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441711)								
HK1219994-280	SB-WMB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219994-289	NM2 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441712)								
HK1219994-300	NM3 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1219994-309	SB-WMA 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441713)								
HK1219994-300	NM3 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1219994-309	SB-WMA 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2441713) - Continued								
HK1219994-309	SB-WMA 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
						LCS	DCS	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432001)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.6	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432003)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.4	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432005)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432007)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432009)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432011)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432013)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	111	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432015)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432017)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	108	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432019)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432021)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432023)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432025)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.4	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432027)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432029)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	109	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432042)												



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432042) - Continued											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432043)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432044)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432045)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432046)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432047)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432048)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432049)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432050)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.6	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432051)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432052)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	103	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432053)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.2	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432054)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432055)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432056)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432231)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	99.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432232)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	101	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	107	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.0	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	93.6	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	90	110	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2432232) - Continued											
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.2	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	92.8	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436524)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	95.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436525)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.9	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	105	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	92.2	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	97.4	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	97.9	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	92.0	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	109	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436526)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	93.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436527)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	94.7	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	93.9	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	91.3	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	93.2	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	104	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	96.6	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	94.5	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436530)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	100	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436531)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.6	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	106	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	107	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	107	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	103	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436532)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436533)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2436533) - Continued											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	98.8	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	108	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	106	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	110	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	107	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436538)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436539)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	102	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	107	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	104	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	107	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	108	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	102	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436540)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436541)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	104	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	96.6	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	108	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	108	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	100	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	107	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436544)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436545)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	108	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	98.1	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	105	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	104	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.8	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	103	----	90	110	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2436545) - Continued											
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	106	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436546)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436547)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	96.5	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	93.9	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	100	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.7	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	93.7	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.9	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	101	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441700)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	88.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441701)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.6	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.0	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	95.6	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	92.8	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	91.4	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	91.5	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	91.0	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441702)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	85.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441703)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	94.3	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	95.1	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	102	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.4	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.2	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.9	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	101	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441705)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	88.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441706)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	99.7	----	90	110	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2441706) - Continued											
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	96.0	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	96.4	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	95.8	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.1	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.8	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	94.0	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441707)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	89.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441708)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	108	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	103	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	94.7	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	107	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	106	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	110	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	97.5	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441710)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441711)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	94.5	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	106	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	105	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.0	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	90.0	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	90.7	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	90.6	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441712)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	85.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441713)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	94.5	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	93.4	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	90.9	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	92.5	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.0	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.5	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2441713) - Continued											
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	98.7	----	90	110	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432001)										
HK1219994-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	90.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432003)										
HK1219994-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	92.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432005)										
HK1219994-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	96.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432007)										
HK1219994-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432009)										
HK1219994-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	98.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432011)										
HK1219994-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432013)										
HK1219994-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432015)										
HK1219994-163	SB-WFB 101 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432017)										
HK1219994-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432019)										
HK1219994-191	SB-WFA 102 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432021)										
HK1219994-211	WSR46 201 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432023)										
HK1219994-221	SB-WNAA 202 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432025)										
HK1219994-231	WSR45C 203 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432027)										
HK1219994-261	THB1 303 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432029)										
HK1219994-291	NM2 103 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432042)										
HK1219994-011	NM5 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432043)										
HK1219994-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	116	----	75	125	----	----



Matrix: WATER					Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432044)										
HK1219994-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432045)										
HK1219994-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	94.6	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432046)										
HK1219994-061	NM2 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	99.8	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432047)										
HK1219994-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	123	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432048)										
HK1219994-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	115	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432049)										
HK1219994-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	109	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432050)										
HK1219994-163	SB-WFB 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	92.9	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432051)										
HK1219994-221	SB-WNAA 202 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	93.6	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432052)										
HK1219994-211	WSR46 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	91.4	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432053)										
HK1219994-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	88.5	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432054)										
HK1219994-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	92.7	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432055)										
HK1219994-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	93.1	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432056)										
HK1219994-291	NM2 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	87.7	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432231)										
HK1219994-001	SB-WFA 101 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2432232)										
HK1219994-001	SB-WFA 101 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	90.7	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	97.9	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	94.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	86.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	94.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	94.6	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2436524)										
HK1219994-021	NM6 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436525)										
HK1219994-021	NM6 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	88.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	90.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	91.3	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	96.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	91.7	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	88.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	106	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436526)										
HK1219994-041	SB-WMA 202 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436527)										
HK1219994-041	SB-WMA 202 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	87.6	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	95.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	91.3	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	92.3	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	99.4	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436530)										
HK1219994-061	NM2 301 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436531)										
HK1219994-061	NM2 301 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	106	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	102	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	106	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	107	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	105	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	104	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	101	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436532)										
HK1219994-081	NM1 303 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	99.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436533)										
HK1219994-081	NM1 303 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	103	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	94.6	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	100	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	99.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.2	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2436533) - Continued										
HK1219994-081	NM1 303 MID-EBB	EG029: Nickel	7440-02-0	10 µg/L	100	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	100	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436538)										
HK1219994-101	WSR46 102 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436539)										
HK1219994-101	WSR46 102 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	93.5	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	98.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	100	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	101	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436540)										
HK1219994-123	SB-WNBB 203 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436541)										
HK1219994-123	SB-WNBB 203 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	91.1	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	102	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	93.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.6	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	89.7	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436544)										
HK1219994-147	SB-WNAB 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436545)										
HK1219994-147	SB-WNAB 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	90.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	87.8	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	90.6	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	88.7	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	86.2	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	86.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	104	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436546)										
HK1219994-173	NM5 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	99.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2436547)										
HK1219994-173	NM5 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	90.5	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	87.5	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2436547) - Continued										
HK1219994-173	NM5 102 MID-FLOOD	EG029: Chromium	7440-47-3	10 µg/L	95.1	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	90.9	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	86.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	91.7	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	83.6	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441700)										
HK1219994-193	SB-WFA 201 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	97.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441701)										
HK1219994-193	SB-WFA 201 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	96.2	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	88.6	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	96.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	94.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	85.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	85.2	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	98.6	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2441702)										
HK1219994-213	WSR46 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441703)										
HK1219994-213	WSR46 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	80.4	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	87.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	87.5	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	81.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	88.6	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	81.4	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	99.1	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2441705)										
HK1219994-233	WSR45C 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441706)										
HK1219994-233	WSR45C 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	93.6	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	98.3	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.5	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	95.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	92.1	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2441707)										
HK1219994-258	THB1 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2441708)										
HK1219994-258	THB1 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	114	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	88.5	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	108	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	85.2	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441710)										
HK1219994-279	NM1 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	96.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441711)										
HK1219994-279	NM1 303 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	82.5	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	97.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	82.6	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	90.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	91.5	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	108	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	120	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441712)										
HK1219994-299	NM3 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	96.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441713)										
HK1219994-299	NM3 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	113	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	92.8	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	91.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	99.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	87.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	101	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	114	----	80	120	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437819)								
HK1220165-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437821)								
HK1220165-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437823)								
HK1220165-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437825)								
HK1220165-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437827)								
HK1220165-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437829)								
HK1220165-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437831)								
HK1220165-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.11	0.11	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437833)								
HK1220165-151	SB-WNAB 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437835)								
HK1220165-161	THB2 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437837)								
HK1220165-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.14	0.14	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437839)								
HK1220165-181	NM6 101 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.15	0.15	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437841)								
HK1220165-191	SB-WFA 102 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437843)								
HK1220165-201	SB-WNBA 103 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.11	0.11	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437845)								
HK1220165-231	WSR45C 203 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437847)								
HK1220165-241	SB-WNBB 301 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437895)								
HK1220165-011	NM5 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.12	0.11	8.7
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437897)								
HK1220165-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437898)								
HK1220165-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.11	0.10	9.5
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437899)								
HK1220165-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.12	0.12	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437900)								
HK1220165-071	SB-WMB 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437901)								
HK1220165-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437902)								
HK1220165-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437903)								
HK1220165-151	SB-WNAB 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437904)								
HK1220165-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.11	0.10	9.5
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437905)								
HK1220165-191	SB-WFA 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.14	0.13	7.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437906)								
HK1220165-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437907)								
HK1220165-221	SB-WNAA 202 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437908)								
HK1220165-251	SB-WNAB 302 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.14	0.14	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437909)								
HK1220165-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437910)								
HK1220165-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.11	0.11	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441715)								
HK1220165-002	SB-WFA 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-011	NM5 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441716)								
HK1220165-002	SB-WFA 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	28	23	18.2
HK1220165-011	NM5 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2441716) - Continued								
HK1220165-011	NM5 102 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441717)								
HK1220165-022	NM6 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-031	SB-WFB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441718)								
HK1220165-022	NM6 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220165-031	SB-WFB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441723)								
HK1220165-042	SB-WMA 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-051	NM3 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441725)								
HK1220165-042	SB-WMA 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220165-051	NM3 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2441725) - Continued								
HK1220165-051	NM3 203 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441726)								
HK1220165-062	NM2 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-071	SB-WMB 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441727)								
HK1220165-062	NM2 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220165-071	SB-WMB 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441732)								
HK1220165-082	MW1 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-091	WSR45C 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441733)								
HK1220165-082	MW1 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	12	12	0.0
HK1220165-091	WSR45C 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2441733) - Continued								
HK1220165-091	WSR45C 101 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441734)								
HK1220165-102	WSR46 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-111	SB-WNBA 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441735)								
HK1220165-102	WSR46 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220165-111	SB-WNBA 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441745)								
HK1220165-124	SB-WNBB 301 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-134	SB-WNAA 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441746)								
HK1220165-124	SB-WNBB 301 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	4	4	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220165-134	SB-WNAA 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2441746) - Continued								
HK1220165-134	SB-WNAA 302 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441747)								
HK1220165-148	SB-WNAB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-163	SB-WFB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441748)								
HK1220165-148	SB-WNAB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220165-163	SB-WFB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441751)								
HK1220165-174	NM5 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-183	NM6 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441752)								
HK1220165-174	NM5 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220165-183	NM6 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2441752) - Continued								
HK1220165-183	NM6 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441753)								
HK1220165-194	SB-WFA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-203	SB-WNBA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2441754)								
HK1220165-194	SB-WFA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
HK1220165-203	SB-WNBA 202 MID-FLOOD	EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
HK1220165-214	WSR46 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
HK1220165-223	SB-WNAA 301 MID-FLOOD	EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
HK1220165-223	SB-WNAA 301 MID-FLOOD	EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2444716) - Continued								
HK1220165-223	SB-WNAA 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2444717)								
HK1220165-234	WSR45C 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-246	SB-WNAB 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2444718)								
HK1220165-234	WSR45C 303 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
HK1220165-246	SB-WNAB 103 MID-FLOOD	EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
HK1220165-259	THB1 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
HK1220165-269	MW1 302 MID-FLOOD	EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
HK1220165-269	MW1 302 MID-FLOOD	EG029: Nickel	7440-02-0	1	µg/L	<1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2444724) - Continued								
HK1220165-269	MW1 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2444725)								
HK1220165-280	SB-WMB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-289	NM2 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2444726)								
HK1220165-280	SB-WMB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	12	<10	15.2
HK1220165-289	NM2 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2444730)								
HK1220165-300	NM3 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220165-309	SB-WMA 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2444731)								
HK1220165-300	NM3 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220165-309	SB-WMA 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2444731) - Continued								
HK1220165-309	SB-WMA 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
						LCS	DCS	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437819)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	98.6	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437821)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437823)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	108	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437825)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	110	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437827)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437829)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	103	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437831)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437833)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437835)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	94.0	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437837)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.4	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437839)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437841)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	114	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437843)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437845)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	108	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437847)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437895)												



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437895) - Continued											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	103	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437897)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437898)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.3	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437899)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437900)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.7	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437901)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.5	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437902)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.3	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437903)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437904)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437905)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437906)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437907)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.3	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437908)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.2	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437909)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.2	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437910)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441715)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	97.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441716)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	109	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.1	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	97.9	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	94.6	----	90	110	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2441716) - Continued											
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441717)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	91.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441718)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.2	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.5	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.4	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	90.8	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	95.2	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	104	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441723)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	93.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441725)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	96.3	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	91.3	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	90.0	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.1	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	91.6	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	92.6	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	100	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441726)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441727)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.8	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	96.5	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	90.2	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.0	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	92.2	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	90.6	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	104	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441732)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	98.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441733)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2441733) - Continued											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.0	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.1	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	90.4	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	90.6	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	90.0	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	90.0	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441734)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	93.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441735)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	93.6	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	99.8	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	91.8	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.8	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	93.9	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	90.2	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	93.8	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441745)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	95.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441746)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	91.4	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	95.9	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	90.5	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.2	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.1	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	96.9	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	107	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441747)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441748)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.0	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	92.2	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	95.8	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	95.6	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.5	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	90.4	----	90	110	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2441748) - Continued											
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	98.8	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441751)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	91.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441752)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.1	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	92.2	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	96.6	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	93.0	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.2	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	91.4	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	96.6	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441753)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	91.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441754)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.7	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	92.4	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.1	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	94.3	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.2	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.8	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	96.8	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444715)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	95.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444716)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	96.5	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	92.6	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	96.4	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.9	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	94.8	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	95.8	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	97.1	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444717)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444718)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.3	----	90	110	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2444718) - Continued											
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.5	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	90.2	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.9	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	90.4	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	93.3	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	102	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444723)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444724)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	92.4	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	98.9	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	99.0	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.6	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	100	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	106	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	100	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444725)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	103	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444726)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	106	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	104	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	103	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.9	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	107	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444730)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	86.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444731)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	91.0	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.6	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	90.9	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	90.7	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.8	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	90.7	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2444731) - Continued											
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	90.3	----	90	110	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437819)										
HK1220165-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437821)										
HK1220165-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	96.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437823)										
HK1220165-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437825)										
HK1220165-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437827)										
HK1220165-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437829)										
HK1220165-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437831)										
HK1220165-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437833)										
HK1220165-151	SB-WNAB 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	96.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437835)										
HK1220165-161	THB2 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437837)										
HK1220165-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437839)										
HK1220165-181	NM6 101 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437841)										
HK1220165-191	SB-WFA 102 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437843)										
HK1220165-201	SB-WNBA 103 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437845)										
HK1220165-231	WSR45C 203 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	116	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437847)										
HK1220165-241	SB-WNBB 301 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	118	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437895)										
HK1220165-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	92.5	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437897)										
HK1220165-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	114	----	75	125	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report							
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
					MS	MSD	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437898)											
HK1220165-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	113	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437899)											
HK1220165-061	NM2 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	92.7	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437900)											
HK1220165-071	SB-WMB 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	98.4	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437901)											
HK1220165-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	115	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437902)											
HK1220165-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	112	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437903)											
HK1220165-151	SB-WNAB 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	117	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437904)											
HK1220165-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	92.1	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437905)											
HK1220165-181	NM6 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	79.8	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437906)											
HK1220165-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	87.9	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437907)											
HK1220165-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	103	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437908)											
HK1220165-251	SB-WNAB 302 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	96.1	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437909)											
HK1220165-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	88.4	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437910)											
HK1220165-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	92.3	----	75	125	----	----	
EG: Metals and Major Cations - Filtered (QC Lot: 2441715)											
HK1220165-001	SB-WFA 101 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	98.5	----	75	125	----	----	
EG: Metals and Major Cations - Filtered (QC Lot: 2441716)											
HK1220165-001	SB-WFA 101 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	101	----	80	120	----	----	
		EG029: Cadmium	7440-43-9	10 µg/L	98.8	----	80	120	----	----	
		EG029: Chromium	7440-47-3	10 µg/L	96.9	----	80	120	----	----	
		EG029: Copper	7440-50-8	10 µg/L	115	----	80	120	----	----	
		EG029: Lead	7439-92-1	10 µg/L	97.8	----	80	120	----	----	
		EG029: Nickel	7440-02-0	10 µg/L	98.3	----	80	120	----	----	
		EG029: Zinc	7440-66-6	10 µg/L	111	----	80	120	----	----	



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2441717)										
HK1220165-021	NM6 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441718)										
HK1220165-021	NM6 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	103	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	110	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	99.0	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	107	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.1	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	95.4	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2441723)										
HK1220165-041	SB-WMA 202 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441725)										
HK1220165-041	SB-WMA 202 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	101	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	106	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	102	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	105	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	101	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	106	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	95.8	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2441726)										
HK1220165-061	NM2 301 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	94.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441727)										
HK1220165-061	NM2 301 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	85.2	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	90.5	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	94.0	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	91.3	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	92.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	89.4	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	107	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2441732)										
HK1220165-081	NM1 303 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441733)										
HK1220165-081	NM1 303 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	95.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.6	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	92.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	93.9	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	91.7	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2441733) - Continued										
HK1220165-081	NM1 303 MID-EBB	EG029: Nickel	7440-02-0	10 µg/L	89.2	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441734)										
HK1220165-101	WSR46 102 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441735)										
HK1220165-101	WSR46 102 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	106	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	98.6	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	98.9	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	102	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	94.1	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	99.8	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441745)										
HK1220165-123	SB-WNBB 203 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441746)										
HK1220165-123	SB-WNBB 203 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	96.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	89.8	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	95.6	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	96.1	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	83.7	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	102	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441747)										
HK1220165-147	SB-WNAB 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441748)										
HK1220165-147	SB-WNAB 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	104	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	103	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	101	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	114	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441751)										
HK1220165-173	NM5 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441752)										
HK1220165-173	NM5 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	95.2	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	98.1	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2441752) - Continued										
HK1220165-173	NM5 102 MID-FLOOD	EG029: Chromium	7440-47-3	10 µg/L	102	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	99.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	99.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	93.3	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	97.9	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441753)										
HK1220165-193	SB-WFA 201 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2441754)										
HK1220165-193	SB-WFA 201 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	93.6	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	98.3	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	100	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.7	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	95.7	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	100	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	96.5	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2444715)										
HK1220165-213	WSR46 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444716)										
HK1220165-213	WSR46 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	94.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	91.4	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	91.8	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	92.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	89.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	89.2	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	87.6	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2444717)										
HK1220165-233	WSR45C 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444718)										
HK1220165-233	WSR45C 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	92.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.1	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	100	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	93.9	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	96.2	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	96.1	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	112	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2444723)										
HK1220165-258	THB1 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	100	----	75	125	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2444724)										
HK1220165-258	THB1 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	109	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	106	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	99.7	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	96.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	95.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	108	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	99.0	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444725)										
HK1220165-279	NM1 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444726)										
HK1220165-279	NM1 303 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	105	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	100	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	100	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	91.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	104	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	104	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444730)										
HK1220165-299	NM3 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444731)										
HK1220165-299	NM3 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	100	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	86.8	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	86.5	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	85.2	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	93.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	90.9	----	80	120	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437861)								
HK1220471-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.11	0.11	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437863)								
HK1220471-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437865)								
HK1220471-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437867)								
HK1220471-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437869)								
HK1220471-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.11	0.11	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437871)								
HK1220471-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.11	0.11	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437873)								
HK1220471-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437875)								
HK1220471-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437877)								
HK1220471-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437879)								
HK1220471-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.13	8.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437881)								
HK1220471-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.13	0.13	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437883)								
HK1220471-181	NM6 101 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.16	0.16	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437885)								
HK1220471-191	SB-WFA 102 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437887)								
HK1220471-211	WSR46 201 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.11	0.11	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437889)								
HK1220471-231	WSR45C 203 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.11	0.11	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438918)								
HK1220471-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438919)								
HK1220471-011	NM5 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438920)								
HK1220471-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438921)								
HK1220471-061	NM2 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.05	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438922)								
HK1220471-071	SB-WMB 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438923)								
HK1220471-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438924)								
HK1220471-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438925)								
HK1220471-131	SB-WNAA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438926)								
HK1220471-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.07	15.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438927)								
HK1220471-181	NM6 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438928)								
HK1220471-211	WSR46 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.04	22.2
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438929)								
HK1220471-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.04	22.2
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438930)								
HK1220471-251	SB-WNAB 302 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.01	0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438931)								
HK1220471-281	SB-WMB 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438932)								
HK1220471-241	SB-WNBB 301 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.03	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2444732)								
HK1220471-002	SB-WFA 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-011	NM5 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2444733)								
HK1220471-002	SB-WFA 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-011	NM5 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2444733) - Continued								
HK1220471-011	NM5 102 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2444734)								
HK1220471-022	NM6 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-031	SB-WFB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2444735)								
HK1220471-022	NM6 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-031	SB-WFB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2444736)								
HK1220471-042	SB-WMA 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-051	NM3 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2444737)								
HK1220471-042	SB-WMA 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-051	NM3 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2444737) - Continued								
HK1220471-051	NM3 203 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448441)								
HK1220471-062	NM2 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-071	SB-WMB 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448442)								
HK1220471-062	NM2 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-071	SB-WMB 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448444)								
HK1220471-082	MW1 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-091	WSR45C 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448445)								
HK1220471-082	MW1 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-091	WSR45C 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2448445) - Continued								
HK1220471-091	WSR45C 101 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	12	12	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448449)								
HK1220471-102	WSR46 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-111	SB-WNBA 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448450)								
HK1220471-102	WSR46 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-111	SB-WNBA 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448451)								
HK1220471-124	SB-WNBB 301 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-134	SB-WNAA 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448452)								
HK1220471-124	SB-WNBB 301 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-134	SB-WNAA 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2448452) - Continued								
HK1220471-134	SB-WNAA 302 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448479)								
HK1220471-148	SB-WNAB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-163	SB-WFB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448481)								
HK1220471-148	SB-WNAB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-163	SB-WFB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448482)								
HK1220471-174	NM5 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-183	NM6 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448483)								
HK1220471-174	NM5 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-183	NM6 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2448483) - Continued								
HK1220471-183	NM6 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448496)								
HK1220471-194	SB-WFA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-203	SB-WNBA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448497)								
HK1220471-194	SB-WFA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	2	2	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-203	SB-WNBA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448498)								
HK1220471-214	WSR46 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-223	SB-WNAA 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448499)								
HK1220471-214	WSR46 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-223	SB-WNAA 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2448499) - Continued								
HK1220471-223	SB-WNAA 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448504)								
HK1220471-234	WSR45C 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-246	SB-WNAB 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448505)								
HK1220471-234	WSR45C 303 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
HK1220471-246	SB-WNAB 103 MID-FLOOD	EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
HK1220471-259	THB1 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448506)								
HK1220471-259	THB1 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-269	MW1 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448507)								
HK1220471-259	THB1 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
HK1220471-269	MW1 302 MID-FLOOD	EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
HK1220471-269	MW1 302 MID-FLOOD	EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2448507) - Continued								
HK1220471-269	MW1 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448515)								
HK1220471-280	SB-WMB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-289	NM2 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448516)								
HK1220471-280	SB-WMB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-289	NM2 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448517)								
HK1220471-300	NM3 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220471-309	SB-WMA 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2448518)								
HK1220471-300	NM3 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220471-309	SB-WMA 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0		



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2448518) - Continued								
HK1220471-309	SB-WMA 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
						LCS	DCS	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437861)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437863)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437865)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437867)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437869)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	111	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437871)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437873)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	112	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437875)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437877)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437879)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	102	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437881)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437883)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	102	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437885)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437887)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437889)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438918)												



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438918) - Continued											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438919)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438920)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	107	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438921)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438922)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438923)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438924)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438925)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.3	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438926)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.2	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438927)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438928)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.9	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438929)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438930)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.9	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438931)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438932)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	96.7	----	87	113	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444732)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444733)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	91.5	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.5	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	90.0	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.6	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	96.6	----	90	110	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2444733) - Continued											
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	92.6	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	90.2	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444734)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444735)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.3	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	92.1	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	90.1	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	92.0	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	93.7	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	95.0	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	90.4	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444736)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	95.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444737)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	92.5	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.7	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	90.7	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	90.8	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	90.2	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	92.8	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	98.3	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448441)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448442)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.6	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	99.7	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.1	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	96.2	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	104	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448444)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	86.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448445)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2448445) - Continued											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.7	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	102	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	104	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	102	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	103	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448449)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	88.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448450)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.0	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	99.9	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.2	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.6	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.1	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	109	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448451)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448452)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.9	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	95.6	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.9	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	93.5	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	100	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	106	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	99.9	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448479)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	90.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448481)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	94.8	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	94.1	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	99.4	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	93.5	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	90	110	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2448481) - Continued											
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448482)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	90.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448483)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.4	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	96.0	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	99.3	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	93.9	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	104	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	106	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448496)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	85.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448497)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.9	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	95.8	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.4	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	102	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.0	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448498)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	90.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448499)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.1	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	96.4	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.0	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.8	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	110	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448504)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	98.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448505)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.6	----	90	110	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2448505) - Continued											
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	100	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	94.8	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	104	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.0	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	106	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448506)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	99.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448507)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	100	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.9	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.3	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	101	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	107	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448515)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	89.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448516)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	93.7	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.2	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.5	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	106	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	107	----	90	110	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448517)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	89.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448518)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	96.1	----	90	110	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	90.5	----	90	110	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.8	----	90	110	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	90	110	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	100	----	90	110	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	90	110	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	----	----	----	----	----	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2448518) - Continued											
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	90	110	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437861)										
HK1220471-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437863)										
HK1220471-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	98.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437865)										
HK1220471-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	98.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437867)										
HK1220471-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437869)										
HK1220471-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437871)										
HK1220471-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437873)										
HK1220471-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437875)										
HK1220471-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437877)										
HK1220471-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437879)										
HK1220471-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	118	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437881)										
HK1220471-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437883)										
HK1220471-181	NM6 101 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437885)										
HK1220471-191	SB-WFA 102 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437887)										
HK1220471-211	WSR46 201 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437889)										
HK1220471-231	WSR45C 203 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438918)										
HK1220471-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	95.6	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438919)										
HK1220471-011	NM5 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	104	----	75	125	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438920)										
HK1220471-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	93.4	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438921)										
HK1220471-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438922)										
HK1220471-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	93.4	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438923)										
HK1220471-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	109	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438924)										
HK1220471-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438925)										
HK1220471-131	SB-WNA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	89.1	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438926)										
HK1220471-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	98.8	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438927)										
HK1220471-181	NM6 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	92.2	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438928)										
HK1220471-211	WSR46 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	107	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438929)										
HK1220471-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	91.4	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438930)										
HK1220471-251	SB-WNAB 302 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	85.2	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438931)										
HK1220471-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438932)										
HK1220471-241	SB-WNBB 301 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	90.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444732)										
HK1220471-001	SB-WFA 101 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444733)										
HK1220471-001	SB-WFA 101 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	89.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	112	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	97.7	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	93.2	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	110	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2444734)										
HK1220471-021	NM6 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444735)										
HK1220471-021	NM6 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	89.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	83.8	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	89.0	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	82.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	87.1	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	84.4	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	82.0	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444736)										
HK1220471-041	SB-WMA 202 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2444737)										
HK1220471-041	SB-WMA 202 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	84.6	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	89.5	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	85.5	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	84.0	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	82.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	87.0	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	83.6	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448441)										
HK1220471-061	NM2 301 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448442)										
HK1220471-061	NM2 301 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	88.9	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	96.9	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	96.0	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	94.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	95.0	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	107	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448444)										
HK1220471-081	NM1 303 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448445)										
HK1220471-081	NM1 303 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	96.9	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	102	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	103	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	102	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2448445) - Continued										
HK1220471-081	NM1 303 MID-EBB	EG029: Nickel	7440-02-0	10 µg/L	101	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	99.8	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448449)										
HK1220471-101	WSR46 102 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448450)										
HK1220471-101	WSR46 102 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	95.8	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	102	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	94.8	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448451)										
HK1220471-123	SB-WNBB 203 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448452)										
HK1220471-123	SB-WNBB 203 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	93.8	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.1	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	94.9	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	91.3	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	99.5	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	101	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	115	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448479)										
HK1220471-147	SB-WNAB 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448481)										
HK1220471-147	SB-WNAB 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	96.5	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	95.6	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	89.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	100	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	101	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	98.0	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448482)										
HK1220471-173	NM5 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448483)										
HK1220471-173	NM5 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	97.4	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	92.7	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2448483) - Continued										
HK1220471-173	NM5 102 MID-FLOOD	EG029: Chromium	7440-47-3	10 µg/L	96.5	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	92.0	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.2	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	111	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448496)										
HK1220471-193	SB-WFA 201 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	98.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448497)										
HK1220471-193	SB-WFA 201 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	105	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	93.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	96.2	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	96.1	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	101	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	116	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2448498)										
HK1220471-213	WSR46 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448499)										
HK1220471-213	WSR46 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	99.5	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	99.6	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	96.2	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	90.0	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2448504)										
HK1220471-233	WSR45C 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	99.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448505)										
HK1220471-233	WSR45C 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	104	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	96.0	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	100	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	93.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2448506)										
HK1220471-258	THB1 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	98.5	----	75	125	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2448507)										
HK1220471-258	THB1 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	100	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	87.4	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	95.6	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.0	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	94.6	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	99.8	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	110	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448515)										
HK1220471-279	NM1 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	99.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448516)										
HK1220471-279	NM1 303 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	98.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	87.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.9	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	104	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	100	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	119	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448517)										
HK1220471-299	NM3 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	95.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2448518)										
HK1220471-299	NM3 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	92.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	82.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	91.3	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	90.1	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	86.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	95.8	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	99.6	----	80	120	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442686)								
HK1220607-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.14	0.14	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442688)								
HK1220607-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442691)								
HK1220607-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442693)								
HK1220607-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442695)								
HK1220607-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442697)								
HK1220607-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442699)								
HK1220607-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442701)								
HK1220607-121	SB-WNBB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442703)								
HK1220607-131	SB-WNAA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442705)								
HK1220607-141	THB1 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442707)								
HK1220607-151	SB-WNAB 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442709)								
HK1220607-161	THB2 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442711)								
HK1220607-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442713)								
HK1220607-271	NM1 101 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442715)								
HK1220607-291	NM2 103 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444562)								
HK1220607-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444563)								
HK1220607-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444564)								
HK1220607-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444565)								
HK1220607-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.10	0.10	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444566)								
HK1220607-081	NM1 303 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444567)								
HK1220607-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444568)								
HK1220607-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.13	0.13	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444569)								
HK1220607-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444570)								
HK1220607-161	THB2 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.38	0.36	5.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444574)								
HK1220607-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444576)								
HK1220607-211	WSR46 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.08	13.3
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444579)								
HK1220607-237	SB-WNBB 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.16	0.15	6.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444580)								
HK1220607-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.07	13.3
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444581)								
HK1220607-291	NM2 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444582)								
HK1220607-281	SB-WMB 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.08	13.3
EG: Metals and Major Cations - Filtered (QC Lot: 2452764)								
HK1220607-002	SB-WFA 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-011	NM5 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452765)								
HK1220607-002	SB-WFA 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-011	NM5 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2452765) - Continued								
HK1220607-011	NM5 102 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452766)								
HK1220607-022	NM6 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-031	SB-WFB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452767)								
HK1220607-022	NM6 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-031	SB-WFB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452768)								
HK1220607-042	SB-WMA 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-051	NM3 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452769)								
HK1220607-042	SB-WMA 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-051	NM3 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2452769) - Continued								
HK1220607-051	NM3 203 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452773)								
HK1220607-062	NM2 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-071	SB-WMB 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452774)								
HK1220607-062	NM2 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-071	SB-WMB 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452775)								
HK1220607-082	MW1 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-091	WSR45C 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452776)								
HK1220607-082	MW1 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-091	WSR45C 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2452776) - Continued								
HK1220607-091	WSR45C 101 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452777)								
HK1220607-102	WSR46 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-111	SB-WNBA 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452778)								
HK1220607-102	WSR46 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-111	SB-WNBA 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452779)								
HK1220607-124	SB-WNBB 301 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-134	SB-WNAA 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452780)								
HK1220607-124	SB-WNBB 301 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-134	SB-WNAA 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2452780) - Continued								
HK1220607-134	SB-WNAA 302 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	12	12	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452781)								
HK1220607-148	SB-WNAB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-163	SB-WFB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452782)								
HK1220607-148	SB-WNAB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-163	SB-WFB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	14	13	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452783)								
HK1220607-174	NM5 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-183	NM6 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452784)								
HK1220607-174	NM5 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-183	NM6 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2452784) - Continued								
HK1220607-183	NM6 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452785)								
HK1220607-194	SB-WFA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-203	SB-WNBA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452786)								
HK1220607-194	SB-WFA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-203	SB-WNBA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452787)								
HK1220607-214	WSR46 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-223	SB-WNAA 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452788)								
HK1220607-214	WSR46 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-223	SB-WNAA 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2452788) - Continued								
HK1220607-223	SB-WNAA 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452789)								
HK1220607-234	WSR45C 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-246	SB-WNAB 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452790)								
HK1220607-234	WSR45C 303 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	11	11	0.0
HK1220607-246	SB-WNAB 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452791)								
HK1220607-259	THB1 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-269	MW1 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452792)								
HK1220607-259	THB1 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-269	MW1 302 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2452792) - Continued								
HK1220607-269	MW1 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452793)								
HK1220607-280	SB-WMB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-289	NM2 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452794)								
HK1220607-280	SB-WMB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-289	NM2 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	16	16	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452795)								
HK1220607-300	NM3 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220607-309	SB-WMA 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2452796)								
HK1220607-300	NM3 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220607-309	SB-WMA 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2452796) - Continued								
HK1220607-309	SB-WMA 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
						LCS	DCS	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442686)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.6	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442688)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.0	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442691)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	111	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442693)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	98.8	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442695)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.0	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442697)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	95.6	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442699)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.8	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442701)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442703)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442705)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442707)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	103	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442709)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442711)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	98.6	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442713)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	103	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442715)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.4	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444562)												



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444562) - Continued											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	105	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444563)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444564)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	103	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444565)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.9	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444566)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444567)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	107	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444568)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	107	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444569)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.9	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444570)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	105	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444574)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444576)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	105	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444579)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444580)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444581)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444582)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	87	113	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452764)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	102	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452765)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	86.5	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	89.2	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	95.7	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	94.2	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2452765) - Continued											
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	96.9	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	91.1	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452766)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	104	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452767)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	88.8	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	87.1	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	91.6	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.3	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	90.5	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	93.5	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	87.5	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452768)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	91.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452769)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	88.6	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	85.2	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	88.9	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.4	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	88.6	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	87.3	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	88.6	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	98.8	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452773)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452774)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	86.2	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	89.0	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	89.2	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	89.8	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	86.1	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	85.0	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	87.4	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	93.6	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452775)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452776)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2452776) - Continued											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	86.3	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	89.1	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	88.8	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	85.9	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	86.4	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	87.1	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	88.9	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	85.2	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452777)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	103	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452778)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	106	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	101	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	97.3	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.5	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	96.3	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	97.8	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	89.5	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452779)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	102	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452780)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	89.5	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	91.1	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	93.5	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.8	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	91.7	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	94.1	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	92.1	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	102	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452781)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	102	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452782)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	88.2	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	89.0	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	88.0	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	88.8	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	88.5	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	90.0	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2452782) - Continued											
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	92.2	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	92.8	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452783)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	91.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452784)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	102	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	96.1	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.9	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	97.7	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	99.8	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	103	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452785)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452786)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	101	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	97.4	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	111	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452787)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452788)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	102	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	98.0	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.0	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	106	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452789)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452790)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	98.4	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2452790) - Continued											
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	94.9	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.3	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.3	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	94.9	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	104	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452791)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	97.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452792)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	88.8	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	91.9	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	89.8	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	85.3	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	87.0	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	87.5	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	87.6	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452793)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	103	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452794)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	88.9	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	90.0	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	92.4	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.1	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	94.5	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	95.1	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	91.7	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452795)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452796)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.4	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	111	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.9	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	105	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
Method: Compound	CAS Number	LOR	Unit	Result		LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2452796) - Continued											
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	111	----	85	115	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442686)										
HK1220607-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442688)										
HK1220607-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442691)										
HK1220607-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442693)										
HK1220607-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442695)										
HK1220607-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442697)										
HK1220607-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442699)										
HK1220607-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	96.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442701)										
HK1220607-121	SB-WNBB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442703)										
HK1220607-131	SB-WNAA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442705)										
HK1220607-141	THB1 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442707)										
HK1220607-151	SB-WNAB 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442709)										
HK1220607-161	THB2 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442711)										
HK1220607-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442713)										
HK1220607-271	NM1 101 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442715)										
HK1220607-291	NM2 103 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444562)										
HK1220607-055	NM2 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	113	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444563)										
HK1220607-117	SB-WNBA 303 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	113	----	75	125	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444564)										
HK1220607-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	92.3	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444565)										
HK1220607-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	91.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444566)										
HK1220607-081	NM1 303 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444567)										
HK1220607-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	96.8	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444568)										
HK1220607-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	123	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444569)										
HK1220607-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	82.6	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444570)										
HK1220607-146	SB-WNAB 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444574)										
HK1220607-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	103	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444576)										
HK1220607-279	NM1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	119	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444579)										
HK1220607-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444580)										
HK1220607-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	97.9	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444581)										
HK1220607-291	NM2 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	118	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444582)										
HK1220607-281	SB-WMB 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	111	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452764)										
HK1220607-001	SB-WFA 101 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452765)										
HK1220607-001	SB-WFA 101 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	93.6	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	87.4	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	99.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.1	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	95.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.1	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	92.1	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2452765) - Continued										
HK1220607-001	SB-WFA 101 MID-EBB	EG029: Zinc	7440-66-6	10 µg/L	89.4	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452766)										
HK1220607-021	NM6 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452767)										
HK1220607-021	NM6 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	104	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	97.5	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	103	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	102	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	106	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	105	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	103	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	113	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2452768)										
HK1220607-041	SB-WMA 202 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	105	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452769)										
HK1220607-041	SB-WMA 202 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	91.6	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	90.4	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	90.1	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	85.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	90.6	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	88.8	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	89.8	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	103	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2452773)										
HK1220607-061	NM2 301 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	105	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452774)										
HK1220607-061	NM2 301 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	99.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	99.3	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	106	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	102	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	100	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	100	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	112	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2452775)										
HK1220607-081	NM1 303 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	99.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452776)										



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2452776) - Continued										
HK1220607-081	NM1 303 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	96.5	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	91.9	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	90.3	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	92.3	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	87.5	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	88.2	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	93.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	96.9	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452777)										
HK1220607-101	WSR46 102 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	105	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452778)										
HK1220607-101	WSR46 102 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	90.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	89.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	98.8	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	89.0	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	96.2	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	89.7	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	97.3	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452779)										
HK1220607-123	SB-WNBB 203 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	105	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452780)										
HK1220607-123	SB-WNBB 203 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	95.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	92.1	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	93.5	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	93.0	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	92.0	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	92.4	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	99.1	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	87.9	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452781)										
HK1220607-147	SB-WNAB 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452782)										
HK1220607-147	SB-WNAB 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	103	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.1	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	97.0	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2452782) - Continued										
HK1220607-147	SB-WNAB 103 MID-EBB	EG029: Lead	7439-92-1	10 µg/L	96.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	95.7	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	104	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	98.9	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452783)										
HK1220607-173	NM5 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452784)										
HK1220607-173	NM5 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	95.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	96.6	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.7	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	99.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.7	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	105	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	100	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452785)										
HK1220607-193	SB-WFA 201 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452786)										
HK1220607-193	SB-WFA 201 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	100	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	108	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	109	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	101	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	110	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	106	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	107	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452787)										
HK1220607-213	WSR46 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	96.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452788)										
HK1220607-213	WSR46 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	96.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.1	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	100	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	101	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	105	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	82.2	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2452789)										
HK1220607-233	WSR45C 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452790)										
HK1220607-233	WSR45C 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	103	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	98.3	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	98.8	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	99.8	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	102	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	103	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	103	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	120	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2452791)										
HK1220607-258	THB1 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	93.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452792)										
HK1220607-258	THB1 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	80.9	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.7	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	92.7	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	93.7	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	95.9	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	99.3	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	102	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2452793)										
HK1220607-279	NM1 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452794)										
HK1220607-279	NM1 303 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	101	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	113	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	110	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	105	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	107	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	107	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	112	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	113	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2452795)										
HK1220607-299	NM3 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2452796)										
HK1220607-299	NM3 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	97.7	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	103	----	80	120	----	----



Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2452796) - Continued										
HK1220607-299	NM3 102 MID-FLOOD	EG029: Chromium	7440-47-3	10 µg/L	95.9	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	88.9	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	94.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	93.5	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	97.6	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	106	----	80	120	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446095)								
HK1220816-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.09	11.8
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446096)								
HK1220816-011	NM5 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446097)								
HK1220816-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446098)								
HK1220816-061	NM2 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446099)								
HK1220816-081	NM1 303 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.05	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446100)								
HK1220816-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446101)								
HK1220816-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.06	15.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446102)								
HK1220816-148	SB-WNAB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446103)								
HK1220816-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.06	18.2
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446104)								
HK1220816-191	SB-WFA 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.09	0.10	10.5
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446105)								
HK1220816-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.17	0.19	11.1
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446106)								
HK1220816-221	SB-WNAA 202 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.15	0.13	14.3
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446107)								
HK1220816-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.12	0.11	8.7
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446108)								
HK1220816-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446109)								
HK1220816-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447360)								
HK1220816-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447362)								
HK1220816-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447364)								
HK1220816-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.13	0.13	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447366)								
HK1220816-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447368)								
HK1220816-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.13	0.13	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447370)								
HK1220816-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447372)								
HK1220816-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447374)								
HK1220816-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447376)								
HK1220816-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.11	0.11	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447378)								
HK1220816-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.11	0.11	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447380)								
HK1220816-201	SB-WNBA 103 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447382)								
HK1220816-211	WSR46 201 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447384)								
HK1220816-221	SB-WNAA 202 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447386)								
HK1220816-261	THB1 303 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.12	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447388)								
HK1220816-271	NM1 101 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.05	0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456944)								
HK1220816-002	SB-WFA 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-011	NM5 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456945)								
HK1220816-002	SB-WFA 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220816-011	NM5 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2456945) - Continued								
HK1220816-011	NM5 102 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456946)								
HK1220816-022	NM6 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-031	SB-WFB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456947)								
HK1220816-022	NM6 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220816-031	SB-WFB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456948)								
HK1220816-042	SB-WMA 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-051	NM3 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456949)								
HK1220816-042	SB-WMA 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220816-051	NM3 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2456949) - Continued								
HK1220816-051	NM3 203 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456950)								
HK1220816-062	NM2 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-071	SB-WMB 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456951)								
HK1220816-062	NM2 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220816-071	SB-WMB 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456952)								
HK1220816-082	MW1 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-091	WSR45C 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456953)								
HK1220816-082	MW1 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220816-091	WSR45C 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2456953) - Continued								
HK1220816-091	WSR45C 101 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	12	11	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456954)								
HK1220816-102	WSR46 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-111	SB-WNBA 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456955)								
HK1220816-102	WSR46 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220816-111	SB-WNBA 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456962)								
HK1220816-124	SB-WNBB 301 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-134	SB-WNAA 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456963)								
HK1220816-124	SB-WNBB 301 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	20	19	0.0
HK1220816-134	SB-WNAA 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2456963) - Continued								
HK1220816-134	SB-WNAA 302 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	20	21	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456964)								
HK1220816-148	SB-WNAB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-163	SB-WFB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456965)								
HK1220816-148	SB-WNAB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	20	19	0.0
HK1220816-163	SB-WFB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	10	10	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	20	26	4.8
EG: Metals and Major Cations - Filtered (QC Lot: 2456966)								
HK1220816-174	NM5 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-183	NM6 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456967)								
HK1220816-174	NM5 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220816-183	NM6 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2456967) - Continued								
HK1220816-183	NM6 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456970)								
HK1220816-194	SB-WFA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-203	SB-WNBA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456971)								
HK1220816-194	SB-WFA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
HK1220816-203	SB-WNBA 202 MID-FLOOD	EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
HK1220816-214	WSR46 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	20	16	0.0
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
HK1220816-223	SB-WNAA 301 MID-FLOOD	EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	10	15	6.9
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
HK1220816-223	SB-WNAA 301 MID-FLOOD	EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2456973) - Continued								
HK1220816-223	SB-WNAA 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	10	15	8.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456974)								
HK1220816-234	WSR45C 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-246	SB-WNAB 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456975)								
HK1220816-234	WSR45C 303 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	9	8	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	30	29	10.4
HK1220816-246	SB-WNAB 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	5	5	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	20	18	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456976)								
HK1220816-259	THB1 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-269	MW1 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456977)								
HK1220816-259	THB1 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	22	24	4.7
HK1220816-269	MW1 302 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2456977) - Continued								
HK1220816-269	MW1 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456978)								
HK1220816-280	SB-WMB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-289	NM2 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456979)								
HK1220816-280	SB-WMB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220816-289	NM2 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456980)								
HK1220816-300	NM3 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1220816-309	SB-WMA 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2456981)								
HK1220816-300	NM3 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1220816-309	SB-WMA 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2456981) - Continued								
HK1220816-309	SB-WMA 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
						LCS	DCS	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446095)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446096)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446097)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.2	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446098)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446099)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	103	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446100)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.8	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446101)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	105	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446102)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	105	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446103)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.6	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446104)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.0	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446105)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.7	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446106)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	96.7	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446107)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446108)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.8	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446109)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447360)												



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447360) - Continued											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	113	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447362)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	96.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447364)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	113	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447366)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447368)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	103	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447370)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447372)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.4	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447374)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	98.2	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447376)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	103	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447378)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	101	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447380)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	103	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447382)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447384)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447386)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.4	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447388)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456944)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	95.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456945)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	108	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	107	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	104	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2456945) - Continued											
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	106	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456946)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	104	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456947)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	112	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	107	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	111	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	109	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	107	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456948)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456949)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	108	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	106	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	113	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456950)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456951)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	102	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	102	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	97.4	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	99.7	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	104	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456952)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	102	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456953)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2456953) - Continued											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	101	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	105	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.3	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.9	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	99.0	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	107	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456954)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	93.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456955)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	100	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	106	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.5	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.2	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	99.1	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	94.1	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	99.8	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	103	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456962)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456963)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	93.7	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	106	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	113	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	98.3	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	104	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456964)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456965)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	91.2	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	102	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	99.8	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2456965) - Continued											
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	95.5	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	110	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456966)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	85.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456967)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	108	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	106	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	111	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	92.1	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	113	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456970)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456971)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	103	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	104	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	111	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	111	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	109	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	86.3	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456972)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	105	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456973)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	102	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	109	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	109	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	95.6	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456974)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	86.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456975)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.3	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2456975) - Continued											
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	102	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	90.9	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456976)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	90.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456977)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	104	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	104	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	101	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456978)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456979)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	102	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	100	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	99.4	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	103	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456980)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	106	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456981)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	112	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	102	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	109	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	103	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
Method: Compound	CAS Number	LOR	Unit	Result		LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2456981) - Continued											
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	102	----	85	115	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446095)										
HK1220816-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	116	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446096)										
HK1220816-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	117	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446097)										
HK1220816-151	SB-WNAB 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	123	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446098)										
HK1220816-161	THB2 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	80.6	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446099)										
HK1220816-105	WSR46 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	97.2	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446100)										
HK1220816-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446101)										
HK1220816-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446102)										
HK1220816-148	SB-WNAB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	101	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446103)										
HK1220816-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446104)										
HK1220816-191	SB-WFA 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	77.8	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446105)										
HK1220816-211	WSR46 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446106)										
HK1220816-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	83.5	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446107)										
HK1220816-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	88.5	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446108)										
HK1220816-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	101	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446109)										
HK1220816-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	93.8	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447360)										
HK1220816-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447362)										
HK1220816-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	112	----	75	125	----	----



Matrix: WATER					Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447364)										
HK1220816-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447366)										
HK1220816-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447368)										
HK1220816-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447370)										
HK1220816-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	96.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447372)										
HK1220816-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447374)										
HK1220816-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447376)										
HK1220816-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	96.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447378)										
HK1220816-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447380)										
HK1220816-201	SB-WNBA 103 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447382)										
HK1220816-211	WSR46 201 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447384)										
HK1220816-221	SB-WNAA 202 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447386)										
HK1220816-261	THB1 303 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447388)										
HK1220816-271	NM1 101 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456944)										
HK1220816-001	SB-WFA 101 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456945)										
HK1220816-001	SB-WFA 101 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	104	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	110	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	105	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	103	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	103	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	108	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2456945) - Continued										
HK1220816-001	SB-WFA 101 MID-EBB	EG029: Zinc	7440-66-6	10 µg/L	94.7	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456946)										
HK1220816-021	NM6 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	90.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456947)										
HK1220816-021	NM6 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	104	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	114	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	108	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	109	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	108	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	105	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	114	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2456948)										
HK1220816-041	SB-WMA 202 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	96.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456949)										
HK1220816-041	SB-WMA 202 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	112	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	112	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	106	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	104	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	109	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	103	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	108	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	118	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2456950)										
HK1220816-061	NM2 301 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	85.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456951)										
HK1220816-061	NM2 301 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	97.6	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	99.9	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	108	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	103	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	93.6	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	99.9	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	98.7	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2456952)										
HK1220816-081	NM1 303 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456953)										



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2456953) - Continued										
HK1220816-081	NM1 303 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	95.4	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	105	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	96.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	97.3	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	96.2	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	91.2	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	99.3	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	94.6	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456954)										
HK1220816-101	WSR46 102 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	85.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456955)										
HK1220816-101	WSR46 102 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	99.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	110	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	102	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	99.1	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	95.1	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	105	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	89.7	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456962)										
HK1220816-123	SB-WNBB 203 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	99.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456963)										
HK1220816-123	SB-WNBB 203 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	94.6	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	109	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	103	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	106	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	111	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	107	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	102	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	110	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456964)										
HK1220816-147	SB-WNAB 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	84.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456965)										
HK1220816-147	SB-WNAB 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	110	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	110	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	100	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	106	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2456965) - Continued										
HK1220816-147	SB-WNAB 103 MID-EBB	EG029: Lead	7439-92-1	10 µg/L	107	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	105	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	105	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456966)										
HK1220816-173	NM5 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	85.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456967)										
HK1220816-173	NM5 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	114	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	114	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	108	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	118	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.6	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	104	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	120	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	116	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456970)										
HK1220816-193	SB-WFA 201 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456971)										
HK1220816-193	SB-WFA 201 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	87.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	112	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	105	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	119	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	100	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	97.7	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	93.3	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456972)										
HK1220816-213	WSR46 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456973)										
HK1220816-213	WSR46 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	91.8	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	93.3	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	99.1	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	98.9	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	90.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.0	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	96.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	114	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2456974)										
HK1220816-233	WSR45C 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	91.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456975)										
HK1220816-233	WSR45C 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	100	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	104	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	109	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	104	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	100	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	107	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	104	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	110	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2456976)										
HK1220816-258	THB1 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	94.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456977)										
HK1220816-258	THB1 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	93.2	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	99.6	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	106	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	100	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	105	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	96.0	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	99.7	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	112	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2456978)										
HK1220816-279	NM1 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456979)										
HK1220816-279	NM1 303 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	101	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	103	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	109	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	102	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	103	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	102	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	114	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2456980)										
HK1220816-299	NM3 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	86.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2456981)										
HK1220816-299	NM3 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	99.7	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	96.1	----	80	120	----	----



Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2456981) - Continued										
HK1220816-299	NM3 102 MID-FLOOD	EG029: Chromium	7440-47-3	10 µg/L	99.7	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	96.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.0	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	96.2	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	108	----	80	120	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448530)								
HK1221054-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448532)								
HK1221054-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448534)								
HK1221054-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.10	10.5
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448536)								
HK1221054-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.10	10.5
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448538)								
HK1221054-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448540)								
HK1221054-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.10	10.5
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448542)								
HK1221054-074	NM1 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448544)								
HK1221054-097	WSR45C 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.07	15.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448546)								
HK1221054-127	SB-WNAA 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448548)								
HK1221054-151	SB-WNAB 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448550)								
HK1221054-161	THB2 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448552)								
HK1221054-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448554)								
HK1221054-181	NM6 101 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448556)								
HK1221054-201	SB-WNBA 103 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448558)								
HK1221054-211	WSR46 201 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449611)								
HK1221054-013	NM5 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.07	13.3
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449612)								
HK1221054-011	NM5 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.08	13.3
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449613)								
HK1221054-039	SB-WMA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449614)								
HK1221054-045	SB-WMA 303 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449615)								
HK1221054-038	SB-WMA 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449616)								
HK1221054-034	SB-WFB 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449617)								
HK1221054-028	SB-WFB 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449618)								
HK1221054-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449619)								
HK1221054-076	NM1 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449620)								
HK1221054-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449621)								
HK1221054-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449622)								
HK1221054-151	SB-WNAB 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449623)								
HK1221054-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449624)								
HK1221054-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449625)								
HK1221054-274	NM1 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2467283)								
HK1221054-002	SB-WFA 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-011	NM5 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2467284)								
HK1221054-002	SB-WFA 102 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-011	NM5 102 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2467284) - Continued								
HK1221054-011	NM5 102 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2467285)								
HK1221054-022	NM6 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-031	SB-WFB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2467286)								
HK1221054-022	NM6 201 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-031	SB-WFB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2467287)								
HK1221054-042	SB-WMA 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-051	NM3 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2467288)								
HK1221054-042	SB-WMA 203 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-051	NM3 203 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	4	4	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2467288) - Continued								
HK1221054-051	NM3 203 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2467347)								
HK1221054-062	NM2 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-071	SB-WMB 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2467348)								
HK1221054-062	NM2 302 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-071	SB-WMB 302 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2467349)								
HK1221054-082	MW1 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-091	WSR45C 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2467350)								
HK1221054-082	MW1 101 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-091	WSR45C 101 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	1	0.0
EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0		



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2467350) - Continued								
HK1221054-091	WSR45C 101 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2467351)								
HK1221054-102	WSR46 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-111	SB-WNBA 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2467352)								
HK1221054-102	WSR46 103 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-111	SB-WNBA 103 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468090)								
HK1221054-124	SB-WNBB 301 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-134	SB-WNAA 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468091)								
HK1221054-124	SB-WNBB 301 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	5	5	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-134	SB-WNAA 302 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2468091) - Continued								
HK1221054-134	SB-WNAA 302 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468092)								
HK1221054-148	SB-WNAB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-163	SB-WFB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468093)								
HK1221054-148	SB-WNAB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-163	SB-WFB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468097)								
HK1221054-174	NM5 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-183	NM6 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468098)								
HK1221054-174	NM5 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-183	NM6 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2468098) - Continued								
HK1221054-183	NM6 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468099)								
HK1221054-194	SB-WFA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-203	SB-WNBA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468100)								
HK1221054-194	SB-WFA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-203	SB-WNBA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468102)								
HK1221054-214	WSR46 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-223	SB-WNAA 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468103)								
HK1221054-214	WSR46 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-223	SB-WNAA 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2468103) - Continued								
HK1221054-223	SB-WNAA 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468104)								
HK1221054-234	WSR45C 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-246	SB-WNAB 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468105)								
HK1221054-234	WSR45C 303 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	4	4	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	12	12	0.0
HK1221054-246	SB-WNAB 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	4	4	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468112)								
HK1221054-259	THB1 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-269	MW1 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468113)								
HK1221054-259	THB1 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-269	MW1 302 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2468113) - Continued								
HK1221054-269	MW1 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468114)								
HK1221054-280	SB-WMB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-289	NM2 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468115)								
HK1221054-280	SB-WMB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-289	NM2 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468117)								
HK1221054-300	NM3 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221054-309	SB-WMA 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2468118)								
HK1221054-300	NM3 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221054-309	SB-WMA 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	<0.1	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2468118) - Continued								
HK1221054-309	SB-WMA 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
						LCS	DCS	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448530)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.2	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448532)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	98.4	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448534)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.0	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448536)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.6	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448538)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448540)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448542)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.4	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448544)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.8	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448546)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448548)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.2	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448550)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448552)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448554)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.8	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448556)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448558)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.4	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449611)												



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449611) - Continued											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.7	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449612)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.5	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449613)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449614)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449615)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449616)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449617)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449618)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449619)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449620)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.4	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449621)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449622)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449623)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.5	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449624)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449625)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.7	----	87	113	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467283)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	85.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467284)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	92.5	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	91.5	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	94.5	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	97.7	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	86.8	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2467284) - Continued											
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	92.5	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	92.2	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	97.6	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467285)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	88.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467286)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	94.4	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	89.8	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	93.6	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	90.9	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	85.7	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	85.6	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	91.5	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	101	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467287)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467288)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	98.7	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	104	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467347)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	85.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467348)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	99.5	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	100	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	94.1	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.8	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	99.7	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467349)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	88.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467350)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2467350) - Continued											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	93.6	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	94.9	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.3	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467351)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467352)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	101	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	99.4	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.5	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	99.5	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	102	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468090)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	89.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468091)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.1	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	97.7	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	99.9	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.3	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.8	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	109	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	98.7	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468092)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	83.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468093)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	92.0	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	97.7	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	96.7	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	103	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2468093) - Continued											
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468097)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468098)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.0	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	94.2	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.3	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.1	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	95.2	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468099)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	89.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468100)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.4	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	104	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	91.6	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	99.0	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.2	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	95.4	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	97.0	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468102)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	91.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468103)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	92.9	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	102	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	89.2	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	94.2	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	98.7	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	100	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468104)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	110	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468105)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	93.9	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2468105) - Continued											
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	102	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	89.6	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.6	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	94.1	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468112)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	114	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468113)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	88.2	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	91.3	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	92.6	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.8	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	89.6	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	93.0	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	90.6	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	91.0	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468114)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468115)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	85.9	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	94.0	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	94.0	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	93.3	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	88.8	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	88.9	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	90.8	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	93.6	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468117)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	108	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468118)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.2	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	101	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.8	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.1	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.3	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	97.0	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
Method: Compound		CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
							LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2468118) - Continued												
EG029: Zinc		7440-66-6	10	µg/L	<10	10 µg/L	95.3	----	85	115	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448530)										
HK1221054-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448532)										
HK1221054-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448534)										
HK1221054-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448536)										
HK1221054-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	94.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448538)										
HK1221054-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448540)										
HK1221054-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448542)										
HK1221054-074	NM1 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	92.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448544)										
HK1221054-097	WSR45C 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	94.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448546)										
HK1221054-127	SB-WNAA 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448548)										
HK1221054-151	SB-WNAB 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448550)										
HK1221054-161	THB2 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448552)										
HK1221054-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448554)										
HK1221054-181	NM6 101 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448556)										
HK1221054-201	SB-WNBA 103 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448558)										
HK1221054-211	WSR46 201 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449611)										
HK1221054-010	NM5 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449612)										
HK1221054-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	120	----	75	125	----	----



Matrix: WATER					Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449613)										
HK1221054-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	83.7	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449614)										
HK1221054-081	NM1 303 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449615)										
HK1221054-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449616)										
HK1221054-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	119	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449617)										
HK1221054-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449618)										
HK1221054-131	SB-WNAA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	117	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449619)										
HK1221054-151	SB-WNAB 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	97.4	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449620)										
HK1221054-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	81.2	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449621)										
HK1221054-161	THB2 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	123	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449622)										
HK1221054-073	NM1 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	93.1	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449623)										
HK1221054-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449624)										
HK1221054-251	SB-WNAB 302 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449625)										
HK1221054-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	101	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467283)										
HK1221054-001	SB-WFA 101 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467284)										
HK1221054-001	SB-WFA 101 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	97.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	88.3	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	98.2	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	96.8	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	88.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	96.2	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	91.7	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2467284) - Continued										
HK1221054-001	SB-WFA 101 MID-EBB	EG029: Zinc	7440-66-6	10 µg/L	81.6	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467285)										
HK1221054-021	NM6 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467286)										
HK1221054-021	NM6 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	101	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	92.3	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	98.1	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	93.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	94.7	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	85.9	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	93.9	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	101	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467287)										
HK1221054-041	SB-WMA 202 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467288)										
HK1221054-041	SB-WMA 202 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	97.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	93.5	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	103	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	98.3	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	89.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	85.3	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	95.0	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	95.9	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467347)										
HK1221054-061	NM2 301 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467348)										
HK1221054-061	NM2 301 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	110	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	102	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	110	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	98.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	104	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	110	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	104	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467349)										
HK1221054-081	NM1 303 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467350)										



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2467350) - Continued										
HK1221054-081	NM1 303 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	102	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	91.7	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	104	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	106	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	108	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467351)										
HK1221054-101	WSR46 102 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2467352)										
HK1221054-101	WSR46 102 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	104	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	96.9	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	104	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	93.0	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	103	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	103	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	106	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	112	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468090)										
HK1221054-123	SB-WNBB 203 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468091)										
HK1221054-123	SB-WNBB 203 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	95.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	80.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	90.6	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	86.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	86.7	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	85.3	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	88.7	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	108	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468092)										
HK1221054-147	SB-WNAB 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468093)										
HK1221054-147	SB-WNAB 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	92.7	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	80.5	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	91.0	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	86.2	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2468093) - Continued										
HK1221054-147	SB-WNAB 103 MID-EBB	EG029: Lead	7439-92-1	10 µg/L	90.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	93.2	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	93.9	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	94.4	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468097)										
HK1221054-173	NM5 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	101	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468098)										
HK1221054-173	NM5 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	87.7	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	86.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	94.8	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	94.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	91.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	92.0	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	93.8	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	103	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468099)										
HK1221054-193	SB-WFA 201 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468100)										
HK1221054-193	SB-WFA 201 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	83.7	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	104	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	87.3	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.1	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.8	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	101	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	98.2	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468102)										
HK1221054-213	WSR46 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	105	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468103)										
HK1221054-213	WSR46 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	89.6	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	100	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	81.3	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	92.1	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	93.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	87.8	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	94.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	111	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2468104)										
HK1221054-233	WSR45C 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	98.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468105)										
HK1221054-233	WSR45C 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	92.5	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	99.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	89.3	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	98.8	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	99.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	93.3	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	97.9	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	84.1	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2468112)										
HK1221054-258	THB1 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468113)										
HK1221054-258	THB1 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	95.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	97.5	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	104	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	98.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	104	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	93.7	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	99.7	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	84.8	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2468114)										
HK1221054-279	NM1 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	105	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468115)										
HK1221054-279	NM1 303 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	101	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.7	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	104	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.2	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	101	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	90.6	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2468117)										
HK1221054-299	NM3 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2468118)										
HK1221054-299	NM3 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	102	----	80	120	----	----



Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2468118) - Continued										
HK1221054-299	NM3 102 MID-FLOOD	EG029: Chromium	7440-47-3	10 µg/L	110	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	102	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	100	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.7	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	105	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	85.8	----	80	120	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454078)								
HK1221319-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.10	0.09	10.5
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454079)								
HK1221319-011	NM5 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454080)								
HK1221319-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454081)								
HK1221319-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454082)								
HK1221319-087	MW1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454083)								
HK1221319-092	WSR45C 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.24	0.26	8.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454084)								
HK1221319-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.13	0.14	7.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454085)								
HK1221319-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454086)								
HK1221319-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454087)								
HK1221319-191	SB-WFA 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454088)								
HK1221319-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454089)								
HK1221319-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.10	22.2
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454090)								
HK1221319-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454091)								
HK1221319-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454092)								
HK1221319-291	NM2 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454541)								
HK1221319-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454543)								
HK1221319-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454545)								
HK1221319-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454547)								
HK1221319-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454549)								
HK1221319-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.08	11.8
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454551)								
HK1221319-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454554)								
HK1221319-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454556)								
HK1221319-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454558)								
HK1221319-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454560)								
HK1221319-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454562)								
HK1221319-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454564)								
HK1221319-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454566)								
HK1221319-121	SB-WNBB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454569)								
HK1221319-131	SB-WNAA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454571)								
HK1221319-141	THB1 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469669)								
HK1221319-002	SB-WFA 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-011	NM5 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469670)								
HK1221319-002	SB-WFA 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221319-011	NM5 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2469670) - Continued								
HK1221319-011	NM5 102 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469671)								
HK1221319-022	NM6 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-031	SB-WFB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469672)								
HK1221319-022	NM6 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221319-031	SB-WFB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469673)								
HK1221319-042	SB-WMA 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-051	NM3 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469674)								
HK1221319-042	SB-WMA 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221319-051	NM3 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2469674) - Continued								
HK1221319-051	NM3 203 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469675)								
HK1221319-062	NM2 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-071	SB-WMB 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469676)								
HK1221319-062	NM2 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221319-071	SB-WMB 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469677)								
HK1221319-082	MW1 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-091	WSR45C 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469678)								
HK1221319-082	MW1 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221319-091	WSR45C 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	1	0.0
EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0		



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2469678) - Continued								
HK1221319-091	WSR45C 101 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	14	14	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469679)								
HK1221319-102	WSR46 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-111	SB-WNBA 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469680)								
HK1221319-102	WSR46 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221319-111	SB-WNBA 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469681)								
HK1221319-124	SB-WNBB 301 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-134	SB-WNAA 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469682)								
HK1221319-124	SB-WNBB 301 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221319-134	SB-WNAA 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2469682) - Continued								
HK1221319-134	SB-WNAA 302 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469683)								
HK1221319-148	SB-WNAB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-163	SB-WFB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469684)								
HK1221319-148	SB-WNAB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221319-163	SB-WFB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469685)								
HK1221319-174	NM5 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-183	NM6 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469686)								
HK1221319-174	NM5 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221319-183	NM6 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2469686) - Continued								
HK1221319-183	NM6 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469687)								
HK1221319-194	SB-WFA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-203	SB-WNBA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469688)								
HK1221319-194	SB-WFA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
HK1221319-203	SB-WNBA 202 MID-FLOOD	EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
HK1221319-214	WSR46 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
HK1221319-223	SB-WNAA 301 MID-FLOOD	EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	11	10	9.9
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
HK1221319-223	SB-WNAA 301 MID-FLOOD	EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2469690) - Continued								
HK1221319-223	SB-WNAA 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469691)								
HK1221319-234	WSR45C 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-246	SB-WNAB 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469692)								
HK1221319-234	WSR45C 303 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221319-246	SB-WNAB 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469693)								
HK1221319-259	THB1 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-269	MW1 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469694)								
HK1221319-259	THB1 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221319-269	MW1 302 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2469694) - Continued								
HK1221319-269	MW1 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469695)								
HK1221319-280	SB-WMB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-289	NM2 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469696)								
HK1221319-280	SB-WMB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221319-289	NM2 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469697)								
HK1221319-300	NM3 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221319-309	SB-WMA 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2469698)								
HK1221319-300	NM3 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	11	13	19.4
HK1221319-309	SB-WMA 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2469698) - Continued								
HK1221319-309	SB-WMA 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
						LCS	DCS	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454078)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454079)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	103	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454080)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454081)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454082)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	105	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454083)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454084)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	103	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454085)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454086)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.3	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454087)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.8	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454088)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.4	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454089)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.7	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454090)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.3	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454091)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454092)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.0	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454541)												



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454541) - Continued											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.4	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454543)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454545)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454547)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454549)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454551)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454554)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454556)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454558)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	108	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454560)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454562)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454564)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454566)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454569)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454571)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	109	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469669)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	97.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469670)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.3	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	100	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	104	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2469670) - Continued											
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.6	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	101	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469671)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	86.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469672)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	104	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	99.5	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	109	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	102	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469673)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	91.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469674)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	103	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	97.5	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	99.9	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469675)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	90.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469676)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.0	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	97.6	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	94.8	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	96.6	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	97.0	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469677)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469678)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2469678) - Continued											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	93.5	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	91.7	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	94.7	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	97.7	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	96.8	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	95.2	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	110	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469679)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	105	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469680)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	99.8	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	98.0	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	100	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469681)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	85.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469682)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	102	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	107	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.3	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	99.1	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469683)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	91.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469684)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	104	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	103	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2469684) - Continued											
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	104	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469685)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	93.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469686)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.6	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	98.8	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	100	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469687)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	93.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469688)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	94.3	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	98.8	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	96.2	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469689)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	102	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469690)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	109	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	109	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	111	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	106	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469691)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	86.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469692)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	98.7	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2469692) - Continued											
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.1	10 µg/L	99.1	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	99.4	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	99.5	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.0	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	99.3	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469693)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469694)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	102	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	94.6	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	109	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469695)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	91.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469696)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.2	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	96.9	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	114	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	98.4	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469697)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469698)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	105	----	85	115	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	101	----	85	115	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.6	----	85	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	113	----	85	115	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	98.2	----	85	115	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	100	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2469698) - Continued											
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	94.0	----	85	115	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454078)										
HK1221319-311	SB-WMA 202 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454079)										
HK1221319-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454080)										
HK1221319-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	120	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454081)										
HK1221319-161	THB2 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	119	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454082)										
HK1221319-081	NM1 303 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	120	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454083)										
HK1221319-092	WSR45C 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	111	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454084)										
HK1221319-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	120	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454085)										
HK1221319-146	SB-WNAB 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	123	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454086)										
HK1221319-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	120	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454087)										
HK1221319-191	SB-WFA 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454088)										
HK1221319-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	116	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454089)										
HK1221319-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	118	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454090)										
HK1221319-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	120	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454091)										
HK1221319-291	NM2 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	109	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454092)										
HK1221319-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454541)										
HK1221319-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	98.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454543)										
HK1221319-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	96.0	----	75	125	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454545)										
HK1221319-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	94.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454547)										
HK1221319-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454549)										
HK1221319-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	98.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454551)										
HK1221319-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	90.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454554)										
HK1221319-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	88.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454556)										
HK1221319-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454558)										
HK1221319-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	96.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454560)										
HK1221319-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	98.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454562)										
HK1221319-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454564)										
HK1221319-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454566)										
HK1221319-121	SB-WNBB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454569)										
HK1221319-131	SB-WNAA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	116	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454571)										
HK1221319-141	THB1 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	116	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469669)										
HK1221319-001	SB-WFA 101 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469670)										
HK1221319-001	SB-WFA 101 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	86.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	87.1	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	99.3	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	96.5	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	95.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	92.1	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	92.0	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2469670) - Continued										
HK1221319-001	SB-WFA 101 MID-EBB	EG029: Zinc	7440-66-6	10 µg/L	97.9	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469671)										
HK1221319-021	NM6 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469672)										
HK1221319-021	NM6 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	97.7	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	92.7	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	99.3	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.7	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	89.3	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	95.0	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	87.2	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469673)										
HK1221319-041	SB-WMA 202 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469674)										
HK1221319-041	SB-WMA 202 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	92.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	92.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	98.9	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	93.7	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	92.7	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	88.2	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	93.2	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	98.6	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469675)										
HK1221319-061	NM2 301 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469676)										
HK1221319-061	NM2 301 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	90.9	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	98.7	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	105	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	90.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	96.2	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	97.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	88.4	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469677)										
HK1221319-081	NM1 303 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469678)										



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2469678) - Continued										
HK1221319-081	NM1 303 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	97.9	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	96.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	98.9	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	105	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.2	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	96.8	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	103	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	96.5	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469679)										
HK1221319-101	WSR46 102 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469680)										
HK1221319-101	WSR46 102 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	101	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	97.3	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	103	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	109	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	99.6	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	112	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469681)										
HK1221319-123	SB-WNBB 203 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	105	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469682)										
HK1221319-123	SB-WNBB 203 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	104	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	97.8	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	105	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	94.8	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	101	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	103	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	99.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	91.5	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469683)										
HK1221319-147	SB-WNAB 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	96.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469684)										
HK1221319-147	SB-WNAB 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	97.4	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	104	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	102	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2469684) - Continued										
HK1221319-147	SB-WNAB 103 MID-EBB	EG029: Lead	7439-92-1	10 µg/L	105	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	107	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	103	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	104	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469685)										
HK1221319-173	NM5 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469686)										
HK1221319-173	NM5 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	98.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	91.6	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	95.8	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	93.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	99.7	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	95.4	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	98.8	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	108	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469687)										
HK1221319-193	SB-WFA 201 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	101	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469688)										
HK1221319-193	SB-WFA 201 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	101	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	106	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	97.8	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	96.6	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	105	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	96.3	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	92.8	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469689)										
HK1221319-213	WSR46 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	93.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469690)										
HK1221319-213	WSR46 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	97.7	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	103	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	104	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	103	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	106	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	101	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	108	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2469691)										
HK1221319-233	WSR45C 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469692)										
HK1221319-233	WSR45C 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	99.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	99.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.2	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	99.1	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	101	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	92.5	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2469693)										
HK1221319-258	THB1 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469694)										
HK1221319-258	THB1 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	91.7	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	97.8	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	103	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	105	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	103	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	96.3	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	99.0	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	119	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2469695)										
HK1221319-279	NM1 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469696)										
HK1221319-279	NM1 303 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	100	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	102	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	104	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	108	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	106	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	103	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	118	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2469697)										
HK1221319-299	NM3 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2469698)										
HK1221319-299	NM3 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	101	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.1	----	80	120	----	----



Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2469698) - Continued										
HK1221319-299	NM3 102 MID-FLOOD	EG029: Chromium	7440-47-3	10 µg/L	103	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	107	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	106	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	98.3	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	103	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	100	----	80	120	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460212)								
HK1221572-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460214)								
HK1221572-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460216)								
HK1221572-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460218)								
HK1221572-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460220)								
HK1221572-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460222)								
HK1221572-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460224)								
HK1221572-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460226)								
HK1221572-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.11	0.11	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460228)								
HK1221572-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460232)								
HK1221572-121	SB-WNBB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460234)								
HK1221572-131	SB-WNAA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460236)								
HK1221572-151	SB-WNAB 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460238)								
HK1221572-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460241)								
HK1221572-181	NM6 101 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.13	0.13	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460243)								
HK1221572-201	SB-WNBA 103 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460361)								
HK1221572-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.04	22.2
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460362)								
HK1221572-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460363)								
HK1221572-031	SB-WFB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460364)								
HK1221572-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.10	0.09	10.5



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460365)								
HK1221572-071	SB-WMB 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.03	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460366)								
HK1221572-091	WSR45C 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.05	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460367)								
HK1221572-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.03	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460368)								
HK1221572-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460369)								
HK1221572-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460370)								
HK1221572-181	NM6 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460371)								
HK1221572-191	SB-WFA 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.05	22.2
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460372)								
HK1221572-251	SB-WNAB 302 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460373)								
HK1221572-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460374)								
HK1221572-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460375)								
HK1221572-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478132)								
HK1221572-002	SB-WFA 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-011	NM5 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478134)								
HK1221572-002	SB-WFA 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-011	NM5 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478134) - Continued								
HK1221572-011	NM5 102 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478135)								
HK1221572-022	NM6 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-031	SB-WFB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478136)								
HK1221572-022	NM6 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-031	SB-WFB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478137)								
HK1221572-042	SB-WMA 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-051	NM3 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478138)								
HK1221572-042	SB-WMA 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-051	NM3 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478138) - Continued								
HK1221572-051	NM3 203 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478143)								
HK1221572-062	NM2 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-071	SB-WMB 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478144)								
HK1221572-062	NM2 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-071	SB-WMB 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478145)								
HK1221572-082	MW1 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-091	WSR45C 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478146)								
HK1221572-082	MW1 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-091	WSR45C 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	6	5	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0		



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478146) - Continued								
HK1221572-091	WSR45C 101 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	13	12	8.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478147)								
HK1221572-102	WSR46 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-111	SB-WNBA 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478148)								
HK1221572-102	WSR46 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-111	SB-WNBA 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	6	6	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478149)								
HK1221572-124	SB-WNBB 301 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-134	SB-WNAA 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478150)								
HK1221572-124	SB-WNBB 301 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-134	SB-WNAA 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478150) - Continued								
HK1221572-134	SB-WNAA 302 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478151)								
HK1221572-148	SB-WNAB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-163	SB-WFB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478152)								
HK1221572-148	SB-WNAB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-163	SB-WFB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478153)								
HK1221572-174	NM5 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-183	NM6 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478154)								
HK1221572-174	NM5 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-183	NM6 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478154) - Continued								
HK1221572-183	NM6 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478168)								
HK1221572-194	SB-WFA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-203	SB-WNBA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478169)								
HK1221572-194	SB-WFA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-203	SB-WNBA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478170)								
HK1221572-214	WSR46 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-223	SB-WNAA 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478171)								
HK1221572-214	WSR46 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-223	SB-WNAA 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report							
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)			
EG: Metals and Major Cations - Filtered (QC Lot: 2478171) - Continued											
HK1221572-223	SB-WNAA 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0			
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0			
EG: Metals and Major Cations - Filtered (QC Lot: 2478172)											
HK1221572-234	WSR45C 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0			
HK1221572-246	SB-WNAB 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0			
EG: Metals and Major Cations - Filtered (QC Lot: 2478173)											
HK1221572-234	WSR45C 303 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0			
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0			
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0			
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0			
		EG029: Nickel	7440-02-0	1	µg/L	2	1	0.0			
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0			
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0			
HK1221572-246	SB-WNAB 103 MID-FLOOD	EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0			
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0			
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0			
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0			
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0			
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0			
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0			
EG: Metals and Major Cations - Filtered (QC Lot: 2478176)	HK1221572-259	THB1 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0		
			EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0		
			EG: Metals and Major Cations - Filtered (QC Lot: 2478177)								
			HK1221572-259	THB1 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
					EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
					EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
					EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
EG029: Nickel	7440-02-0	1			µg/L	<1	<1	0.0			
EG029: Silver	7440-22-4	1			µg/L	<1	<1	0.0			
EG029: Arsenic	7440-38-2	10			µg/L	<10	<10	0.0			
HK1221572-269	MW1 302 MID-FLOOD	EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0			
		EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0			
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0			
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0			
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0			
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0			
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0			



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478177) - Continued								
HK1221572-269	MW1 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478178)								
HK1221572-280	SB-WMB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-289	NM2 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478179)								
HK1221572-280	SB-WMB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-289	NM2 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478180)								
HK1221572-300	NM3 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221572-309	SB-WMA 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478181)								
HK1221572-300	NM3 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221572-309	SB-WMA 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478181) - Continued								
HK1221572-309	SB-WMA 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460212)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	109	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460214)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	110	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460216)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	110	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460218)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	110	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460220)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	91.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460222)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.8	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460224)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	98.8	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460226)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	98.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460228)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460232)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460234)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.4	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460236)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460238)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460241)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460243)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	93.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460361)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460361) - Continued											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460362)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460363)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460364)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460365)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460366)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460367)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460368)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460369)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460370)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.5	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460371)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.5	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460372)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460373)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460374)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460375)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478132)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	90.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478134)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	91.6	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	93.2	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	102	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	101	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	92.9	----	81	113	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478134) - Continued											
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.1	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	97.7	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	103	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478135)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	105	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478136)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	98.9	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	89.9	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	107	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	112	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.8	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	108	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	93.1	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	118	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478137)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478138)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	99.5	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	96.2	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	103	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	97.7	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	99.3	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	109	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478143)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	88.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478144)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	85.6	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	99.9	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.0	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	94.3	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	96.3	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	98.5	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	115	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478145)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	95.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478146)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478146) - Continued											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	96.0	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	99.0	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	91.4	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	107	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.2	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	92.5	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	101	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	102	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478147)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	89.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478148)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	85.9	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	97.0	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	94.4	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	102	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.4	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	92.3	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	97.9	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	111	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478149)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	103	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478150)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	96.7	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	103	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	107	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	97.4	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	103	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	101	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	115	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478151)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478152)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	102	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	94.8	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.7	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	97.4	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	100	----	80	118	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478152) - Continued											
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	101	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	114	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478153)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	97.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478154)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.9	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	100	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.6	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.7	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	103	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	101	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	100	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	115	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478168)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478169)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	96.9	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	99.4	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.1	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	101	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.9	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	98.6	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478170)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478171)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	92.2	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	98.4	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	96.2	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.2	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.4	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	103	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	96.8	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	114	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478172)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	102	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478173)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	86.5	----	78	114	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478173) - Continued											
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	102	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	94.5	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	95.2	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	96.2	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	102	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	97.2	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478176)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	93.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478177)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	91.2	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	92.3	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	103	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	99.5	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	103	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	98.9	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	98.5	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478178)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	91.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478179)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	101	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	97.5	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	108	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	112	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	97.2	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	107	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478180)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	88.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478181)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	102	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	88.1	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.6	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	100	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	97.9	----	77	119	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
Method: Compound	CAS Number	LOR	Unit	Result		LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478181) - Continued											
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	112	----	83	119	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460212)										
HK1221572-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	120	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460214)										
HK1221572-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	118	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460216)										
HK1221572-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	116	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460218)										
HK1221572-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	118	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460220)										
HK1221572-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460222)										
HK1221572-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460224)										
HK1221572-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460226)										
HK1221572-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460228)										
HK1221572-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	94.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460232)										
HK1221572-121	SB-WNBB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	98.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460234)										
HK1221572-131	SB-WNAA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460236)										
HK1221572-151	SB-WNAB 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460238)										
HK1221572-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	120	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460241)										
HK1221572-181	NM6 101 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460243)										
HK1221572-201	SB-WNBA 103 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	118	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460361)										
HK1221572-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	92.8	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460362)										
HK1221572-011	NM5 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	94.1	----	75	125	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460363)										
HK1221572-031	SB-WFB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460364)										
HK1221572-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	94.3	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460365)										
HK1221572-071	SB-WMB 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	120	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460366)										
HK1221572-091	WSR45C 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	116	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460367)										
HK1221572-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460368)										
HK1221572-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	117	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460369)										
HK1221572-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	80.4	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460370)										
HK1221572-181	NM6 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	98.9	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460371)										
HK1221572-211	WSR46 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	93.3	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460372)										
HK1221572-251	SB-WNAB 302 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460373)										
HK1221572-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	80.2	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460374)										
HK1221572-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	113	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460375)										
HK1221572-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	84.7	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478132)										
HK1221572-001	SB-WFA 101 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478134)										
HK1221572-001	SB-WFA 101 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	95.9	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	105	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	110	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	112	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	98.5	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478134) - Continued										
HK1221572-001	SB-WFA 101 MID-EBB	EG029: Zinc	7440-66-6	10 µg/L	109	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478135)										
HK1221572-021	NM6 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	99.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478136)										
HK1221572-021	NM6 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	91.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	92.6	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	105	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	108	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	96.1	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	101	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	100	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	108	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478137)										
HK1221572-041	SB-WMA 202 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478138)										
HK1221572-041	SB-WMA 202 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	95.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	102	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	100	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	106	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	102	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	97.1	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478143)										
HK1221572-061	NM2 301 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478144)										
HK1221572-061	NM2 301 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	95.5	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	94.6	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.9	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	102	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	94.6	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	91.7	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	97.0	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	106	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478145)										
HK1221572-081	NM1 303 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	90.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478146)										



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478146) - Continued										
HK1221572-081	NM1 303 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	89.8	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	96.3	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	90.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	103	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	93.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	93.9	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	99.8	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	103	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478147)										
HK1221572-101	WSR46 102 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	99.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478148)										
HK1221572-101	WSR46 102 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.9	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	93.9	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	102	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	92.1	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	93.3	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	100	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	101	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478149)										
HK1221572-123	SB-WNBB 203 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478150)										
HK1221572-123	SB-WNBB 203 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	114	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	105	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	109	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	108	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	114	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	104	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	110	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478151)										
HK1221572-147	SB-WNAB 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	95.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478152)										
HK1221572-147	SB-WNAB 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	99.8	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	98.1	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	99.8	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	94.7	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478152) - Continued										
HK1221572-147	SB-WNAB 103 MID-EBB	EG029: Lead	7439-92-1	10 µg/L	101	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.4	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	100	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	112	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478153)										
HK1221572-173	NM5 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	85.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478154)										
HK1221572-173	NM5 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	103	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.9	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	99.3	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	93.9	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	99.2	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	96.8	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	105	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2478168)										
HK1221572-193	SB-WFA 201 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478169)										
HK1221572-193	SB-WFA 201 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	97.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	104	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	100	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	104	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	102	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	111	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2478170)										
HK1221572-213	WSR46 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478171)										
HK1221572-213	WSR46 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	91.9	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	97.1	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	94.6	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	97.9	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	96.0	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	99.4	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	102	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	94.4	----	80	120	----	----		



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478172)										
HK1221572-233	WSR45C 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	89.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478173)										
HK1221572-233	WSR45C 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	95.8	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	100	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	106	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	102	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	101	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	111	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	101	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	110	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2478176)										
HK1221572-258	THB1 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478177)										
HK1221572-258	THB1 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	104	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	84.8	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	104	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	94.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	99.1	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	101	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	98.8	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	97.1	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2478178)										
HK1221572-279	NM1 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478179)										
HK1221572-279	NM1 303 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	109	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	91.6	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	106	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	102	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	103	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	102	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	110	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2478180)										
HK1221572-299	NM3 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478181)										
HK1221572-299	NM3 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	93.2	----	80	120	----	----



Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478181) - Continued										
HK1221572-299	NM3 102 MID-FLOOD	EG029: Chromium	7440-47-3	10 µg/L	98.5	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	99.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	98.9	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	100	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	87.1	----	80	120	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462304)								
HK1221881-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462306)								
HK1221881-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.11	8.7
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462308)								
HK1221881-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.11	8.7
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462310)								
HK1221881-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462312)								
HK1221881-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.07	13.3
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462314)								
HK1221881-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.12	0.11	8.7
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462316)								
HK1221881-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462318)								
HK1221881-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462320)								
HK1221881-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.08	11.8
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462322)								
HK1221881-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462324)								
HK1221881-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462326)								
HK1221881-121	SB-WNBB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462328)								
HK1221881-141	THB1 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.10	10.5
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462330)								
HK1221881-163	SB-WFB 101 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462332)								
HK1221881-181	NM6 101 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.13	0.13	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462501)								
HK1221881-007	SB-WFA 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462502)								
HK1221881-011	NM5 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.09	0.08	11.8
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462503)								
HK1221881-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462504)								
HK1221881-061	NM2 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.05	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462505)								
HK1221881-071	SB-WMB 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462506)								
HK1221881-091	WSR45C 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462507)								
HK1221881-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.05	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462508)								
HK1221881-151	SB-WNAB 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462509)								
HK1221881-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.05	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462510)								
HK1221881-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462511)								
HK1221881-221	SB-WNAA 202 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.05	18.2
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462512)								
HK1221881-241	SB-WNBB 301 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.08	13.3
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462513)								
HK1221881-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462514)								
HK1221881-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462515)								
HK1221881-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478192)								
HK1221881-002	SB-WFA 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-011	NM5 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478193)								
HK1221881-002	SB-WFA 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-011	NM5 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478193) - Continued								
HK1221881-011	NM5 102 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478194)								
HK1221881-022	NM6 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-031	SB-WFB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478195)								
HK1221881-022	NM6 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-031	SB-WFB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478196)								
HK1221881-042	SB-WMA 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-051	NM3 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478197)								
HK1221881-042	SB-WMA 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-051	NM3 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478197) - Continued								
HK1221881-051	NM3 203 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478202)								
HK1221881-062	NM2 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-071	SB-WMB 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478203)								
HK1221881-062	NM2 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-071	SB-WMB 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478205)								
HK1221881-082	MW1 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-091	WSR45C 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478206)								
HK1221881-082	MW1 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-091	WSR45C 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478206) - Continued								
HK1221881-091	WSR45C 101 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478207)								
HK1221881-102	WSR46 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-111	SB-WNBA 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478208)								
HK1221881-102	WSR46 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-111	SB-WNBA 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478210)								
HK1221881-124	SB-WNBB 301 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-134	SB-WNAA 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478211)								
HK1221881-124	SB-WNBB 301 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-134	SB-WNAA 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478211) - Continued								
HK1221881-134	SB-WNAA 302 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478213)								
HK1221881-148	SB-WNAB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-163	SB-WFB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478214)								
HK1221881-148	SB-WNAB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-163	SB-WFB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	12	12	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478215)								
HK1221881-174	NM5 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-183	NM6 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478216)								
HK1221881-174	NM5 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-183	NM6 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478216) - Continued								
HK1221881-183	NM6 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478221)								
HK1221881-194	SB-WFA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-203	SB-WNBA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478222)								
HK1221881-194	SB-WFA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-203	SB-WNBA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478223)								
HK1221881-214	WSR46 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-223	SB-WNAA 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478224)								
HK1221881-214	WSR46 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-223	SB-WNAA 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478224) - Continued								
HK1221881-223	SB-WNAA 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478225)								
HK1221881-234	WSR45C 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-246	SB-WNAB 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478226)								
HK1221881-234	WSR45C 303 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-246	SB-WNAB 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478229)								
HK1221881-259	THB1 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-269	MW1 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478230)								
HK1221881-259	THB1 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	5	5	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-269	MW1 302 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478230) - Continued								
HK1221881-269	MW1 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478231)								
HK1221881-280	SB-WMB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-289	NM2 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478232)								
HK1221881-280	SB-WMB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-289	NM2 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478233)								
HK1221881-300	NM3 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221881-309	SB-WMA 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2478234)								
HK1221881-300	NM3 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221881-309	SB-WMA 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2478234) - Continued								
HK1221881-309	SB-WMA 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
						LCS	DCS	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462304)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.8	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462306)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	103	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462308)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462310)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.8	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462312)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.0	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462314)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	98.0	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462316)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462318)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462320)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	102	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462322)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	98.2	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462324)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	98.2	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462326)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.6	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462328)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462330)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	110	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462332)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	108	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462501)												



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462501) - Continued											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.4	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462502)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.9	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462503)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.7	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462504)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462505)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.3	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462506)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.5	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462507)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.2	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462508)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462509)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462510)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.0	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462511)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	96.6	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462512)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	96.6	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462513)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462514)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462515)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	96.9	----	87	113	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478192)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	104	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478193)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	101	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	96.5	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	102	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	106	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	81	113	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478193) - Continued											
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.9	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	103	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	106	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478194)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	89.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478195)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	96.7	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	103	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.2	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	107	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	101	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	93.9	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	102	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	99.5	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478196)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	88.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478197)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.7	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	102	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.9	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.7	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	104	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	95.5	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	101	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	99.8	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478202)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478203)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	98.6	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	96.7	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	107	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	105	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	98.3	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	102	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478205)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478206)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478206) - Continued											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	102	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	95.6	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	107	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	109	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	104	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	103	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	99.6	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	102	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478207)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	98.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478208)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.6	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	95.6	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	107	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	104	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	106	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	100	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	109	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478210)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	104	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478211)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	101	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	99.4	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	99.1	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	104	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.9	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	96.4	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	96.9	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	98.8	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478213)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	103	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478214)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	103	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	96.4	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	99.8	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	103	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.6	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	95.7	----	80	118	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478214) - Continued											
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	98.2	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	92.8	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478215)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	101	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478216)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	98.0	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	97.4	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	96.3	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	102	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	94.9	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	94.7	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	96.4	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	86.6	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478221)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	102	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478222)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	94.6	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	94.5	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	99.2	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.7	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	99.5	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	106	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478223)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	88.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478224)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	110	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	98.2	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.6	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	95.5	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	101	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.9	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	102	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	111	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478225)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478226)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	104	----	78	114	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478226) - Continued											
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	97.7	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.9	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.5	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	101	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	98.0	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	102	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	104	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478229)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478230)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	104	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	108	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	104	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.8	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	110	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	98.5	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	98.2	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	109	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478231)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	91.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478232)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	99.6	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	96.5	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	99.5	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	94.2	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	110	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	95.1	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	97.4	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	95.7	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478233)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478234)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	105	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	100	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	100	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.9	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	112	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	91.5	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	98.2	----	77	119	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478234) - Continued											
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	98.3	----	83	119	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462304)										
HK1221881-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462306)										
HK1221881-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462308)										
HK1221881-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462310)										
HK1221881-031	SB-WFB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462312)										
HK1221881-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462314)										
HK1221881-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	96.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462316)										
HK1221881-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462318)										
HK1221881-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	114	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462320)										
HK1221881-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462322)										
HK1221881-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462324)										
HK1221881-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	90.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462326)										
HK1221881-121	SB-WNBB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462328)										
HK1221881-141	THB1 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462330)										
HK1221881-163	SB-WFB 101 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462332)										
HK1221881-181	NM6 101 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462501)										
HK1221881-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462502)										
HK1221881-031	SB-WFB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	122	----	75	125	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462503)										
HK1221881-051	NM3 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	121	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462504)										
HK1221881-081	NM1 303 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	96.6	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462505)										
HK1221881-071	SB-WMB 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462506)										
HK1221881-091	WSR45C 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	96.6	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462507)										
HK1221881-161	THB2 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462508)										
HK1221881-151	SB-WNAB 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	119	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462509)										
HK1221881-004	SB-WFA 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462510)										
HK1221881-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462511)										
HK1221881-221	SB-WNAA 202 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	121	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462512)										
HK1221881-241	SB-WNBB 301 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	119	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462513)										
HK1221881-311	SB-WMA 202 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	111	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462514)										
HK1221881-291	NM2 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	116	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462515)										
HK1221881-301	NM3 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	116	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478192)										
HK1221881-001	SB-WFA 101 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478193)										
HK1221881-001	SB-WFA 101 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	99.4	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	97.7	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	105	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.7	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	94.8	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	102	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478193) - Continued										
HK1221881-001	SB-WFA 101 MID-EBB	EG029: Zinc	7440-66-6	10 µg/L	100	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478194)										
HK1221881-021	NM6 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	96.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478195)										
HK1221881-021	NM6 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	87.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	93.6	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	91.0	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	92.6	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	93.1	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	89.0	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	95.1	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	104	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478196)										
HK1221881-041	SB-WMA 202 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	91.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478197)										
HK1221881-041	SB-WMA 202 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	91.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	96.9	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	102	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	103	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	95.5	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	94.4	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	101	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	102	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478202)										
HK1221881-061	NM2 301 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	86.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478203)										
HK1221881-061	NM2 301 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	104	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	90.4	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	106	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	103	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	112	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	116	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	99.0	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	100	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478205)										
HK1221881-081	NM1 303 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	88.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478206)										



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478206) - Continued										
HK1221881-081	NM1 303 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	98.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	89.9	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	111	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	109	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	113	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	103	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	97.0	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478207)										
HK1221881-101	WSR46 102 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	93.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478208)										
HK1221881-101	WSR46 102 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	93.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	91.1	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	108	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	102	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	109	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	115	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	101	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478210)										
HK1221881-123	SB-WNBB 203 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478211)										
HK1221881-123	SB-WNBB 203 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	99.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	98.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.8	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	91.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	94.1	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	95.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	114	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478213)										
HK1221881-147	SB-WNAB 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	87.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478214)										
HK1221881-147	SB-WNAB 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	97.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	100	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	107	----	80	120	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478214) - Continued										
HK1221881-147	SB-WNAB 103 MID-EBB	EG029: Lead	7439-92-1	10 µg/L	97.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	100	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	97.4	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	103	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478215)										
HK1221881-173	NM5 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	86.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478216)										
HK1221881-173	NM5 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	101	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	103	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	105	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	102	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	96.2	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	95.6	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	93.7	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478221)										
HK1221881-193	SB-WFA 201 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	82.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478222)										
HK1221881-193	SB-WFA 201 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	108	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	100	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.0	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	104	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	101	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478223)										
HK1221881-213	WSR46 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	93.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478224)										
HK1221881-213	WSR46 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	93.4	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	91.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	96.7	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.3	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	95.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	94.9	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	103	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	101	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478225)										
HK1221881-233	WSR45C 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	98.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478226)										
HK1221881-233	WSR45C 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	97.5	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.1	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	94.5	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.6	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	95.6	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	101	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	110	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2478229)										
HK1221881-258	THB1 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	85.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478230)										
HK1221881-258	THB1 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	97.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	99.4	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	106	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.9	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	111	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	93.4	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	102	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	99.6	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2478231)										
HK1221881-279	NM1 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	84.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478232)										
HK1221881-279	NM1 303 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	99.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	97.4	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	102	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	92.3	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	111	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	90.0	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	99.6	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	97.7	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2478233)										
HK1221881-299	NM3 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	82.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2478234)										
HK1221881-299	NM3 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	92.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	99.1	----	80	120	----	----



Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2478234) - Continued										
HK1221881-299	NM3 102 MID-FLOOD	EG029: Chromium	7440-47-3	10 µg/L	99.9	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	96.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	107	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	90.7	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	93.7	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	91.0	----	80	120	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469160)								
HK1221984-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469161)								
HK1221984-011	NM5 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469162)								
HK1221984-041	SB-WMA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.03	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469163)								
HK1221984-003	SB-WFA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469164)								
HK1221984-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469165)								
HK1221984-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469166)								
HK1221984-121	SB-WNBB 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469167)								
HK1221984-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469168)								
HK1221984-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469169)								
HK1221984-181	NM6 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469170)								
HK1221984-251	SB-WNAB 302 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469171)								
HK1221984-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.08	0.08	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469172)								
HK1221984-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469173)								
HK1221984-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.06	15.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469174)								
HK1221984-281	SB-WMB 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.05	18.2
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469368)								
HK1221984-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.18	0.18	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469370)								
HK1221984-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.16	0.16	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469372)								
HK1221984-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.23	0.23	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469374)								
HK1221984-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.09	0.09	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469376)								
HK1221984-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.16	0.17	6.1
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469378)								
HK1221984-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.22	0.22	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469380)								
HK1221984-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.18	0.17	5.7
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469382)								
HK1221984-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.15	0.15	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469384)								
HK1221984-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.18	0.17	5.7
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469386)								
HK1221984-121	SB-WNBB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.19	0.19	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469388)								
HK1221984-131	SB-WNAA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.13	0.13	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469390)								
HK1221984-141	THB1 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.18	0.18	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469392)								
HK1221984-151	SB-WNAB 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.17	0.17	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469394)								
HK1221984-161	THB2 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.15	0.15	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469396)								
HK1221984-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.14	0.14	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479318)								
HK1221984-002	SB-WFA 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-011	NM5 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479319)								
HK1221984-002	SB-WFA 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-011	NM5 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479319) - Continued								
HK1221984-011	NM5 102 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479320)								
HK1221984-022	NM6 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-031	SB-WFB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479322)								
HK1221984-022	NM6 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-031	SB-WFB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479324)								
HK1221984-042	SB-WMA 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-051	NM3 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479325)								
HK1221984-042	SB-WMA 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-051	NM3 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479325) - Continued								
HK1221984-051	NM3 203 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479334)								
HK1221984-062	NM2 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-071	SB-WMB 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479335)								
HK1221984-062	NM2 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-071	SB-WMB 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479336)								
HK1221984-082	MW1 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-091	WSR45C 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479337)								
HK1221984-082	MW1 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-091	WSR45C 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479337) - Continued								
HK1221984-091	WSR45C 101 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479338)								
HK1221984-102	WSR46 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-111	SB-WNBA 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479339)								
HK1221984-102	WSR46 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-111	SB-WNBA 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479340)								
HK1221984-124	SB-WNBB 301 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-134	SB-WNAA 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479341)								
HK1221984-124	SB-WNBB 301 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-134	SB-WNAA 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479341) - Continued								
HK1221984-134	SB-WNAA 302 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479342)								
HK1221984-148	SB-WNAB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-163	SB-WFB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479343)								
HK1221984-148	SB-WNAB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-163	SB-WFB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479344)								
HK1221984-174	NM5 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-183	NM6 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479345)								
HK1221984-174	NM5 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	5	5	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	14	14	0.0
HK1221984-183	NM6 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479345) - Continued								
HK1221984-183	NM6 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479346)								
HK1221984-194	SB-WFA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-203	SB-WNBA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479347)								
HK1221984-194	SB-WFA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-203	SB-WNBA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479348)								
HK1221984-214	WSR46 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-223	SB-WNAA 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479349)								
HK1221984-214	WSR46 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-223	SB-WNAA 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479349) - Continued								
HK1221984-223	SB-WNAA 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479350)								
HK1221984-234	WSR45C 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-246	SB-WNAB 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479351)								
HK1221984-234	WSR45C 303 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	12	12	0.0
HK1221984-246	SB-WNAB 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479352)								
HK1221984-259	THB1 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-269	MW1 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479353)								
HK1221984-259	THB1 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-269	MW1 302 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479353) - Continued								
HK1221984-269	MW1 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479354)								
HK1221984-280	SB-WMB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-289	NM2 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479355)								
HK1221984-280	SB-WMB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-289	NM2 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479356)								
HK1221984-300	NM3 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1221984-309	SB-WMA 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479357)								
HK1221984-300	NM3 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1221984-309	SB-WMA 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479357) - Continued								
HK1221984-309	SB-WMA 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
						LCS	DCS	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469160)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469161)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469162)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	105	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469163)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469164)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469165)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	105	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469166)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	105	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469167)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469168)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469169)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469170)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469171)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.5	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469172)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	103	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469173)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	103	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469174)												
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469368)												



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469368) - Continued											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	102	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469370)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469372)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469374)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	99.5	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469376)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469378)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469380)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469382)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469384)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	110	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469386)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	110	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469388)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	109	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469390)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	109	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469392)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	108	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469394)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469396)											
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	107	----	85	115	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479318)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	97.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479319)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	90.2	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	99.6	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	106	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	101	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	103	----	81	113	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479319) - Continued											
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	87.9	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	95.4	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	95.6	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479320)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	98.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479322)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	101	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	101	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.7	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	101	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	97.4	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	88.7	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	96.5	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	98.8	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479324)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	100	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479325)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	81.6	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	98.2	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	98.5	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.7	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	101	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	89.8	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	97.3	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	86.9	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479334)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	102	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479335)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.7	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	94.9	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	90.4	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	97.7	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	94.4	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	100	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	94.2	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	88.6	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479336)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479337)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479337) - Continued											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	86.8	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	99.7	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	87.3	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	87.4	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.5	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	88.9	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	98.0	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	91.7	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479338)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479339)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	88.8	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	102	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	92.3	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.5	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.4	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	94.4	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	101	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	93.1	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479340)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	85.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479341)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	104	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	101	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	105	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	110	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	100	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	111	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	91.4	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	102	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479342)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479343)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	98.1	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	96.3	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	96.7	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	102	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	97.4	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	93.5	----	80	118	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479343) - Continued											
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	89.3	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	107	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479344)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	102	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479345)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.4	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	105	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	95.0	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	104	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	89.8	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	111	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	93.1	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	115	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479346)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	94.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479347)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	96.6	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	97.1	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	95.3	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	111	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	90.8	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	110	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	91.2	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	114	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479348)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	102	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479349)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	106	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	94.8	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	97.7	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.1	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	90.3	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.5	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	91.3	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479350)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	98.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479351)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.1	----	78	114	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479351) - Continued											
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	93.6	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	92.3	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.0	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	91.9	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	92.8	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	96.3	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	106	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479352)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	99.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479353)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	103	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	85.0	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	100	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	113	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	106	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.2	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	94.1	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	102	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479354)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479355)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	104	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	86.5	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	102	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	110	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	107	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	100	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	98.7	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	91.3	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479356)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479357)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	89.6	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	89.9	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	106	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	98.1	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	95.3	----	77	119	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479357) - Continued											
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	91.1	----	83	119	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469160)										
HK1221984-001	SB-WFA 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	117	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469161)										
HK1221984-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	120	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469162)										
HK1221984-039	SB-WMA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	96.8	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469163)										
HK1221984-003	SB-WFA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	90.5	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469164)										
HK1221984-111	SB-WNBA 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	118	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469165)										
HK1221984-101	WSR46 102 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	91.8	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469166)										
HK1221984-131	SB-WNA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469167)										
HK1221984-141	THB1 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	116	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469168)										
HK1221984-171	SB-WFB 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	116	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469169)										
HK1221984-211	WSR46 201 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	123	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469170)										
HK1221984-251	SB-WNAB 302 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	93.3	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469171)										
HK1221984-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469172)										
HK1221984-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	91.8	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469173)										
HK1221984-271	NM1 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	101	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469174)										
HK1221984-281	SB-WMB 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	94.9	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469368)										
HK1221984-001	SB-WFA 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	78.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469370)										
HK1221984-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	94.0	----	75	125	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469372)										
HK1221984-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	82.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469374)										
HK1221984-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	88.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469376)										
HK1221984-071	SB-WMB 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469378)										
HK1221984-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	94.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469380)										
HK1221984-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469382)										
HK1221984-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469384)										
HK1221984-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	100	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469386)										
HK1221984-121	SB-WNBB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469388)										
HK1221984-131	SB-WNAA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469390)										
HK1221984-141	THB1 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469392)										
HK1221984-151	SB-WNAB 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469394)										
HK1221984-161	THB2 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469396)										
HK1221984-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479318)										
HK1221984-001	SB-WFA 101 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479319)										
HK1221984-001	SB-WFA 101 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	104	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	104	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	109	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	88.9	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	97.2	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479319) - Continued										
HK1221984-001	SB-WFA 101 MID-EBB	EG029: Zinc	7440-66-6	10 µg/L	118	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479320)										
HK1221984-021	NM6 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479322)										
HK1221984-021	NM6 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	90.8	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	104	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.2	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	99.7	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	99.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	88.5	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	96.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	109	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479324)										
HK1221984-041	SB-WMA 202 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479325)										
HK1221984-041	SB-WMA 202 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	89.2	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	98.7	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	96.2	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	99.3	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	103	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	81.0	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	92.1	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	119	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479334)										
HK1221984-061	NM2 301 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	105	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479335)										
HK1221984-061	NM2 301 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	105	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	95.6	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	91.7	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	99.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	96.5	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	92.9	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	100	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479336)										
HK1221984-081	NM1 303 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479337)										



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479337) - Continued										
HK1221984-081	NM1 303 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	89.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	94.7	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	92.5	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	92.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.5	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	93.5	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	94.0	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	98.3	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479338)										
HK1221984-101	WSR46 102 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	87.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479339)										
HK1221984-101	WSR46 102 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	90.5	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	95.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	83.8	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	93.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	94.3	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	93.3	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	96.4	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479340)										
HK1221984-123	SB-WNBB 203 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479341)										
HK1221984-123	SB-WNBB 203 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	98.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	98.8	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	103	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	104	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	92.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	89.0	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	85.6	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	83.4	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479342)										
HK1221984-147	SB-WNAB 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479343)										
HK1221984-147	SB-WNAB 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	101	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	106	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	108	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	97.3	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479343) - Continued										
HK1221984-147	SB-WNAB 103 MID-EBB	EG029: Lead	7439-92-1	10 µg/L	96.2	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	84.8	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	84.4	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	105	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479344)										
HK1221984-173	NM5 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	96.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479345)										
HK1221984-173	NM5 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	94.8	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	105	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	96.5	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	90.1	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	93.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	85.3	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	89.9	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	98.6	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479346)										
HK1221984-193	SB-WFA 201 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479347)										
HK1221984-193	SB-WFA 201 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	90.5	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	97.9	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.7	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	93.0	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	91.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	99.3	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	87.4	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	110	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479348)										
HK1221984-213	WSR46 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479349)										
HK1221984-213	WSR46 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	91.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	99.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	92.0	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	93.9	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	87.9	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	95.1	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	88.2	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	107	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479350)										
HK1221984-233	WSR45C 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479351)										
HK1221984-233	WSR45C 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	96.9	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	92.6	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	86.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	94.2	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	89.9	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	94.7	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	96.0	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2479352)										
HK1221984-258	THB1 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	96.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479353)										
HK1221984-258	THB1 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	84.2	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	103	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	111	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	109	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	96.9	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	96.6	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	114	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2479354)										
HK1221984-279	NM1 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	82.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479355)										
HK1221984-279	NM1 303 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	95.4	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	82.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	103	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	115	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	110	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	100	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	91.4	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	97.5	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2479356)										
HK1221984-299	NM3 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	106	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479357)										
HK1221984-299	NM3 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	99.0	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	84.8	----	80	120	----	----



Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479357) - Continued										
HK1221984-299	NM3 102 MID-FLOOD	EG029: Chromium	7440-47-3	10 µg/L	98.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	108	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	108	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	94.7	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	96.8	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	108	----	80	120	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472937)								
HK1222200-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.18	0.18	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472939)								
HK1222200-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.33	0.35	5.9
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472941)								
HK1222200-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.18	0.18	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472943)								
HK1222200-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.25	0.26	3.9
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472945)								
HK1222200-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.10	0.10	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472947)								
HK1222200-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.26	0.26	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472949)								
HK1222200-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.16	0.15	6.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472951)								
HK1222200-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.17	0.17	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472953)								
HK1222200-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.24	0.20	18.2
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472955)								
HK1222200-121	SB-WNBB 201 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.22	0.21	4.6
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472957)								
HK1222200-131	SB-WNAA 202 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.15	0.16	6.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472959)								
HK1222200-141	THB1 203 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.18	0.20	10.5
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472965)								
HK1222200-151	SB-WNAB 301 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.14	0.14	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472967)								
HK1222200-161	THB2 302 MID-EBB	EK057A: Nitrite as N	----	0.01	mg/L	0.14	0.14	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472970)								
HK1222200-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.01	mg/L	0.25	0.26	3.9
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473011)								
HK1222200-317	THB2 102 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473012)								
HK1222200-320	THB2 202 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473013)								
HK1222200-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.03	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473014)								
HK1222200-054	NM3 303 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.01	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473015)								
HK1222200-103	WSR46 201 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.05	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473016)								
HK1222200-100	WSR46 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.04	22.2
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473017)								
HK1222200-123	SB-WNBB 203 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473018)								
HK1222200-131	SB-WNAA 202 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.03	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473019)								
HK1222200-251	SB-WNAB 302 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473020)								
HK1222200-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473021)								
HK1222200-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473022)								
HK1222200-241	SB-WNBB 301 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473023)								
HK1222200-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473024)								
HK1222200-280	SB-WMB 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473025)								
HK1222200-291	NM2 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479382)								
HK1222200-002	SB-WFA 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-011	NM5 102 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479383)								
HK1222200-002	SB-WFA 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-011	NM5 102 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479383) - Continued								
HK1222200-011	NM5 102 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479384)								
HK1222200-022	NM6 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-031	SB-WFB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479385)								
HK1222200-022	NM6 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-031	SB-WFB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479386)								
HK1222200-042	SB-WMA 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-051	NM3 203 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479387)								
HK1222200-042	SB-WMA 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-051	NM3 203 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479387) - Continued								
HK1222200-051	NM3 203 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479394)								
HK1222200-062	NM2 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-071	SB-WMB 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479395)								
HK1222200-062	NM2 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-071	SB-WMB 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479396)								
HK1222200-082	MW1 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-091	WSR45C 101 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479397)								
HK1222200-082	MW1 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-091	WSR45C 101 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479397) - Continued								
HK1222200-091	WSR45C 101 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479398)								
HK1222200-102	WSR46 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-111	SB-WNBA 103 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479399)								
HK1222200-102	WSR46 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-111	SB-WNBA 103 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479405)								
HK1222200-124	SB-WNBB 301 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-134	SB-WNAA 302 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479406)								
HK1222200-124	SB-WNBB 301 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-134	SB-WNAA 302 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479406) - Continued								
HK1222200-134	SB-WNAA 302 MID-EBB	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479407)								
HK1222200-148	SB-WNAB 201 MID-EBB	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-163	SB-WFB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479408)								
HK1222200-148	SB-WNAB 201 MID-EBB	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-163	SB-WFB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479409)								
HK1222200-174	NM5 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-183	NM6 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479410)								
HK1222200-174	NM5 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-183	NM6 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479410) - Continued								
HK1222200-183	NM6 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479412)								
HK1222200-194	SB-WFA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-203	SB-WNBA 202 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479413)								
HK1222200-194	SB-WFA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-203	SB-WNBA 202 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479414)								
HK1222200-214	WSR46 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-223	SB-WNAA 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479415)								
HK1222200-214	WSR46 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-223	SB-WNAA 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479415) - Continued								
HK1222200-223	SB-WNAA 301 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479416)								
HK1222200-234	WSR45C 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-246	SB-WNAB 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479417)								
HK1222200-234	WSR45C 303 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	3	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-246	SB-WNAB 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479428)								
HK1222200-259	THB1 301 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-269	MW1 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479429)								
HK1222200-259	THB1 301 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-269	MW1 302 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479429) - Continued								
HK1222200-269	MW1 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479430)								
HK1222200-280	SB-WMB 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-289	NM2 101 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479431)								
HK1222200-280	SB-WMB 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-289	NM2 101 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	1	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479432)								
HK1222200-300	NM3 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
HK1222200-309	SB-WMA 103 MID-FLOOD	EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	<0.05	0.0
EG: Metals and Major Cations - Filtered (QC Lot: 2479433)								
HK1222200-300	NM3 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0
HK1222200-309	SB-WMA 103 MID-FLOOD	EG029: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG029: Chromium	7440-47-3	1	µg/L	<1	<1	0.0
		EG029: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG029: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG029: Nickel	7440-02-0	1	µg/L	2	2	0.0
EG029: Silver	7440-22-4	1	µg/L	<1	<1	0.0		



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Filtered (QC Lot: 2479433) - Continued								
HK1222200-309	SB-WMA 103 MID-FLOOD	EG029: Arsenic	7440-38-2	10	µg/L	<10	<10	0.0
		EG029: Zinc	7440-66-6	10	µg/L	<10	<10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
						LCS	DCS	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472937)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472939)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472941)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472943)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472945)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	103	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472947)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472949)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	105	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472951)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	103	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472953)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	102	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472955)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472957)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	106	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472959)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	95.6	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472965)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	97.8	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472967)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472970)												
EK057A: Nitrite as N	----	0.01	mg/L	<0.01	0.4 mg/L	104	----	85	115	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473011)												



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473011) - Continued											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.6	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473012)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473013)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473014)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473015)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473016)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473017)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473018)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	103	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473019)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.2	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473020)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.8	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473021)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.2	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473022)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	100	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473023)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473024)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	101	----	87	113	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473025)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	104	----	87	113	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479382)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	90.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479383)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	94.1	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	106	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	100	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	81	113	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479383) - Continued											
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	96.7	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	95.6	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	97.8	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479384)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	87.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479385)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	99.6	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	108	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	102	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	98.6	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	101	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.2	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	93.1	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	92.4	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479386)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	88.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479387)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	97.2	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	102	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	99.0	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.4	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	106	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	94.9	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	94.8	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	94.2	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479394)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	98.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479395)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	104	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	105	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.0	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	106	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	110	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	96.1	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	106	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479396)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	92.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479397)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479397) - Continued											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	93.2	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	102	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	102	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	103	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	108	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	99.8	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	94.2	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479398)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	95.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479399)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	99.0	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	100	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	102	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	104	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	111	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	114	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	93.1	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	99.9	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479405)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	89.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479406)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	107	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	94.0	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	112	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	111	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	97.7	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	97.1	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	111	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479407)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	88.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479408)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	111	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	91.0	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	114	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	108	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	94.9	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	106	----	80	118	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479408) - Continued											
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	91.5	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	109	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479409)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	105	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479410)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	110	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	93.2	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	113	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	106	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	96.3	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	104	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	99.1	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	105	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479412)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	104	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479413)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	95.1	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	96.0	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	101	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	97.4	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.8	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.9	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	102	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	89.4	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479414)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	102	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479415)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	92.3	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	94.0	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	103	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.5	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	97.7	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	98.1	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	101	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	93.7	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479416)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	96.5	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479417)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	94.0	----	78	114	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479417) - Continued											
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	96.7	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	99.4	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	93.2	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.7	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	93.7	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	100	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	95.8	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479428)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	90.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479429)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	105	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	104	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	110	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	101	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	108	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.2	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	106	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479430)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	93.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479431)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	110	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	101	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	106	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	109	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	94.6	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	107	----	77	119	----	----
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	108	----	83	119	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479432)											
EG036: Mercury	7439-97-6	0.05	µg/L	<0.05	0.2 µg/L	97.0	----	80	116	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479433)											
EG029: Arsenic	7440-38-2	10	µg/L	<10	10 µg/L	98.5	----	78	114	----	----
EG029: Cadmium	7440-43-9	0.1	µg/L	<0.2	10 µg/L	102	----	78	116	----	----
EG029: Chromium	7440-47-3	1	µg/L	<1	10 µg/L	104	----	81	115	----	----
EG029: Copper	7440-50-8	1	µg/L	<1	10 µg/L	93.0	----	80	116	----	----
EG029: Lead	7439-92-1	1	µg/L	<1	10 µg/L	107	----	81	113	----	----
EG029: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	95.7	----	80	118	----	----
EG029: Silver	7440-22-4	1	µg/L	<1	10 µg/L	104	----	77	119	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479433) - Continued											
EG029: Zinc	7440-66-6	10	µg/L	<10	10 µg/L	99.7	----	83	119	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472937)										
HK1222200-011	NM5 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	90.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472939)										
HK1222200-021	NM6 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472941)										
HK1222200-041	SB-WMA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472943)										
HK1222200-051	NM3 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472945)										
HK1222200-061	NM2 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472947)										
HK1222200-081	NM1 303 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472949)										
HK1222200-091	WSR45C 101 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472951)										
HK1222200-101	WSR46 102 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	94.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472953)										
HK1222200-111	SB-WNBA 103 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	96.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472955)										
HK1222200-121	SB-WNBB 201 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472957)										
HK1222200-131	SB-WNAA 202 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472959)										
HK1222200-141	THB1 203 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	104	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472965)										
HK1222200-151	SB-WNAB 301 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472967)										
HK1222200-161	THB2 302 MID-EBB	EK057A: Nitrite as N	----	0.5 mg/L	110	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472970)										
HK1222200-171	SB-WFB 303 MID-FLOOD	EK057A: Nitrite as N	----	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473011)										
HK1222200-091	WSR45C 101 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	103	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473012)										
HK1222200-021	NM6 103 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	116	----	75	125	----	----



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473013)										
HK1222200-071	SB-WMB 302 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	120	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473014)										
HK1222200-061	NM2 301 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473015)										
HK1222200-081	NM1 303 MID-EBB	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473016)										
HK1222200-251	SB-WNAB 302 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	101	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473017)										
HK1222200-231	WSR45C 203 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473018)										
HK1222200-181	NM6 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	115	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473019)										
HK1222200-174	NM5 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	92.7	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473020)										
HK1222200-201	SB-WNBA 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	123	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473021)										
HK1222200-221	SB-WNAA 202 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	118	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473022)										
HK1222200-241	SB-WNBB 301 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	86.3	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473023)										
HK1222200-261	THB1 303 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	112	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473024)										
HK1222200-280	SB-WMB 101 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	97.3	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473025)										
HK1222200-291	NM2 103 MID-FLOOD	EK055K: Ammonia as N	7664-41-7	0.5 mg/L	100	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479382)										
HK1222200-001	SB-WFA 101 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	99.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479383)										
HK1222200-001	SB-WFA 101 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	98.1	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	104	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	100	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	107	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	104	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	114	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	92.5	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479383) - Continued										
HK1222200-001	SB-WFA 101 MID-EBB	EG029: Zinc	7440-66-6	10 µg/L	117	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479384)										
HK1222200-021	NM6 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	83.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479385)										
HK1222200-021	NM6 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	102	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	102	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	102	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	96.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	103	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	93.4	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	96.4	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	97.8	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479386)										
HK1222200-041	SB-WMA 202 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	101	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479387)										
HK1222200-041	SB-WMA 202 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	99.4	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	109	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	95.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	96.2	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	103	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	87.8	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	91.8	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	99.0	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479394)										
HK1222200-061	NM2 301 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	96.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479395)										
HK1222200-061	NM2 301 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	98.6	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	96.8	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	95.3	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	106	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	104	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	114	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	91.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	101	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479396)										
HK1222200-081	NM1 303 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	96.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479397)										



Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479397) - Continued										
HK1222200-081	NM1 303 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	105	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	105	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	96.8	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	105	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	107	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	91.7	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	103	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479398)										
HK1222200-101	WSR46 102 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	95.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479399)										
HK1222200-101	WSR46 102 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	100	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	104	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	98.4	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	101	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	114	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	97.5	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	95.3	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479405)										
HK1222200-123	SB-WNBB 203 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	94.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479406)										
HK1222200-123	SB-WNBB 203 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	114	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	93.0	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	118	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	110	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	102	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	89.6	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	91.1	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479407)										
HK1222200-147	SB-WNAB 103 MID-EBB	EG036: Mercury	7439-97-6	0.2 µg/L	98.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479408)										
HK1222200-147	SB-WNAB 103 MID-EBB	EG029: Arsenic	7440-38-2	10 µg/L	105	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	88.1	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	116	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	108	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479408) - Continued										
HK1222200-147	SB-WNAB 103 MID-EBB	EG029: Lead	7439-92-1	10 µg/L	97.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	100	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	87.9	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	87.0	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479409)										
HK1222200-173	NM5 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	97.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479410)										
HK1222200-173	NM5 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	104	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	91.5	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	110	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	102	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	98.4	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.2	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	96.3	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	82.5	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479412)										
HK1222200-193	SB-WFA 201 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	95.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479413)										
HK1222200-193	SB-WFA 201 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	94.3	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	91.5	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	95.0	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	96.8	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	97.6	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	104	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	91.5	----	80	120	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479414)										
HK1222200-213	WSR46 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	98.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479415)										
HK1222200-213	WSR46 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	94.6	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	93.5	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.2	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	90.0	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	96.3	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	93.9	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	96.6	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	93.1	----	80	120	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479416)										
HK1222200-233	WSR45C 302 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	87.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479417)										
HK1222200-233	WSR45C 302 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	104	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	101	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	104	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	94.0	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	101	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	95.5	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	106	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	92.8	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2479428)										
HK1222200-258	THB1 203 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	83.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479429)										
HK1222200-258	THB1 203 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	103	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	99.3	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	97.7	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	91.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	103	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	84.7	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	102	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	90.6	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2479430)										
HK1222200-279	NM1 303 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	79.5	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479431)										
HK1222200-279	NM1 303 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	106	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	102	----	80	120	----	----
		EG029: Chromium	7440-47-3	10 µg/L	101	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	94.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	105	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	92.4	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	104	----	80	120	----	----
EG029: Zinc	7440-66-6	10 µg/L	93.3	----	80	120	----	----		
EG: Metals and Major Cations - Filtered (QC Lot: 2479432)										
HK1222200-299	NM3 102 MID-FLOOD	EG036: Mercury	7439-97-6	0.2 µg/L	87.0	----	75	125	----	----
EG: Metals and Major Cations - Filtered (QC Lot: 2479433)										
HK1222200-299	NM3 102 MID-FLOOD	EG029: Arsenic	7440-38-2	10 µg/L	89.2	----	80	120	----	----
		EG029: Cadmium	7440-43-9	10 µg/L	86.5	----	80	120	----	----



Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations - Filtered (QC Lot: 2479433) - Continued										
HK1222200-299	NM3 102 MID-FLOOD	EG029: Chromium	7440-47-3	10 µg/L	92.1	----	80	120	----	----
		EG029: Copper	7440-50-8	10 µg/L	83.4	----	80	120	----	----
		EG029: Lead	7439-92-1	10 µg/L	97.5	----	80	120	----	----
		EG029: Nickel	7440-02-0	10 µg/L	82.9	----	80	120	----	----
		EG029: Silver	7440-22-4	10 µg/L	92.3	----	80	120	----	----
		EG029: Zinc	7440-66-6	10 µg/L	90.2	----	80	120	----	----

Annex D

Baseline Water Quality Monitoring Results

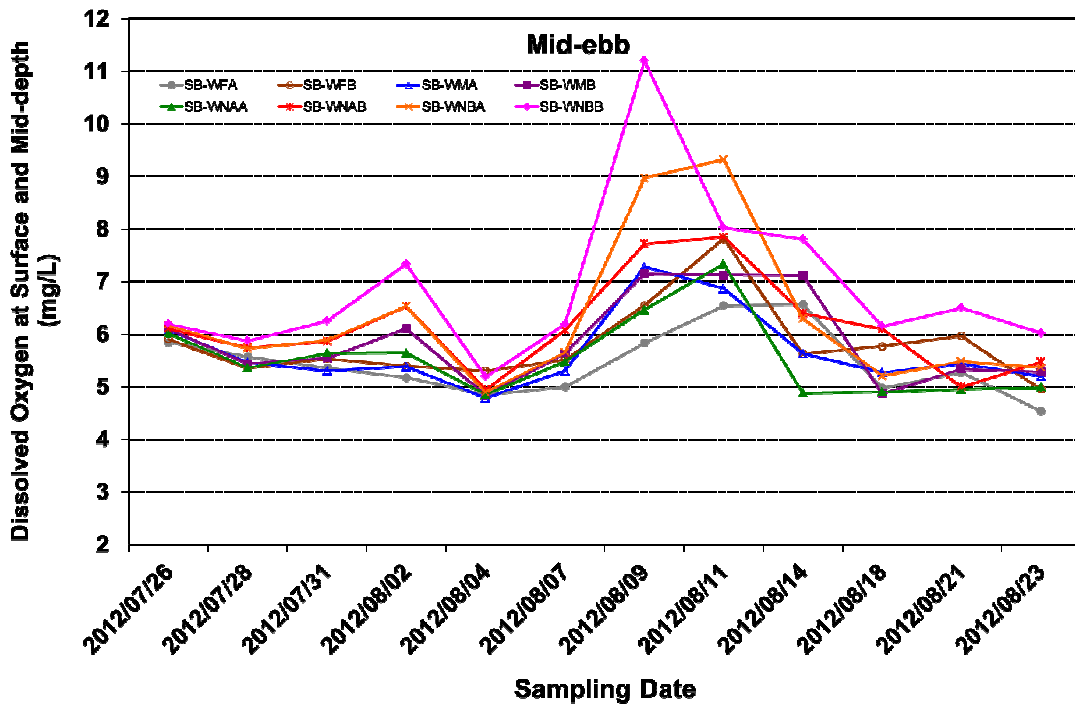


Figure D1 Dissolved Oxygen (mg/L) at the surface and mid-depth of the water column measured at Near Field, Mid Field and Far Field stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

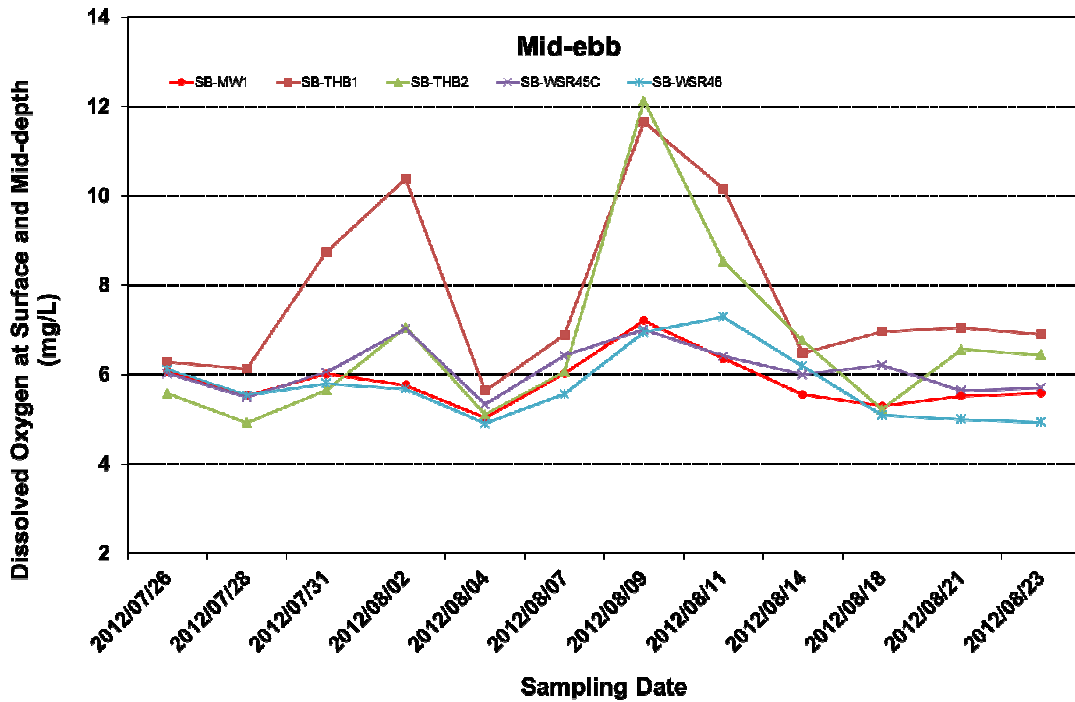


Figure D2 Dissolved Oxygen (mg/L) at the surface and mid-depth of the water column measured at Sensitive Receiver stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

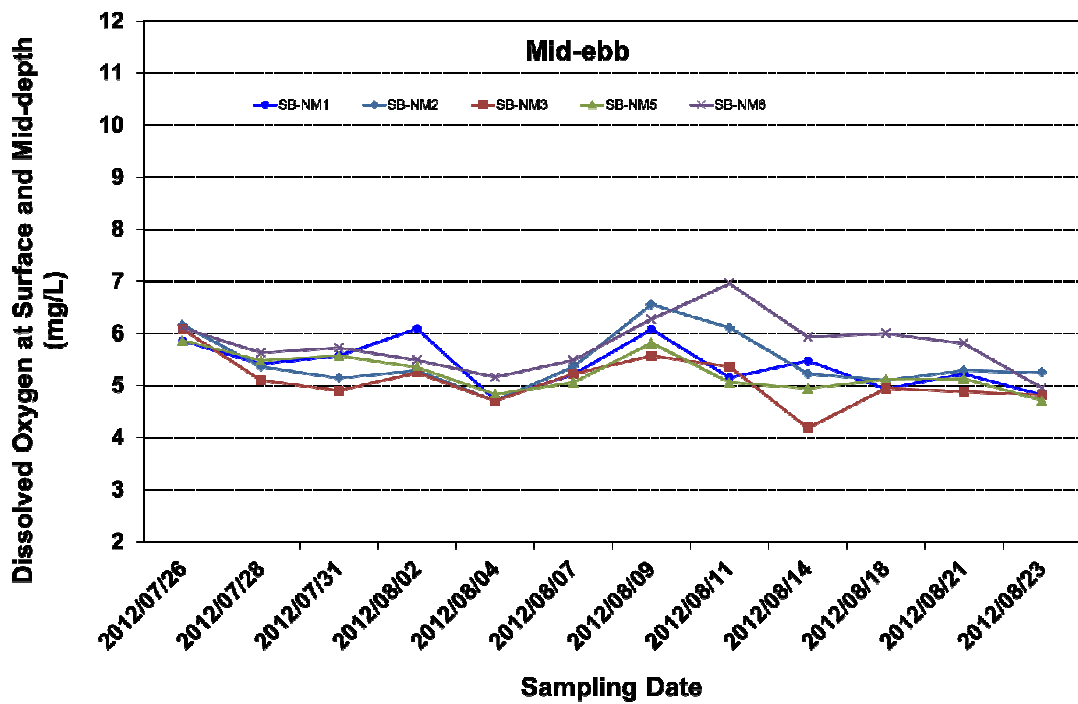


Figure D3 Dissolved Oxygen (mg/L) at the surface and mid-depth of the water column measured at Reference stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

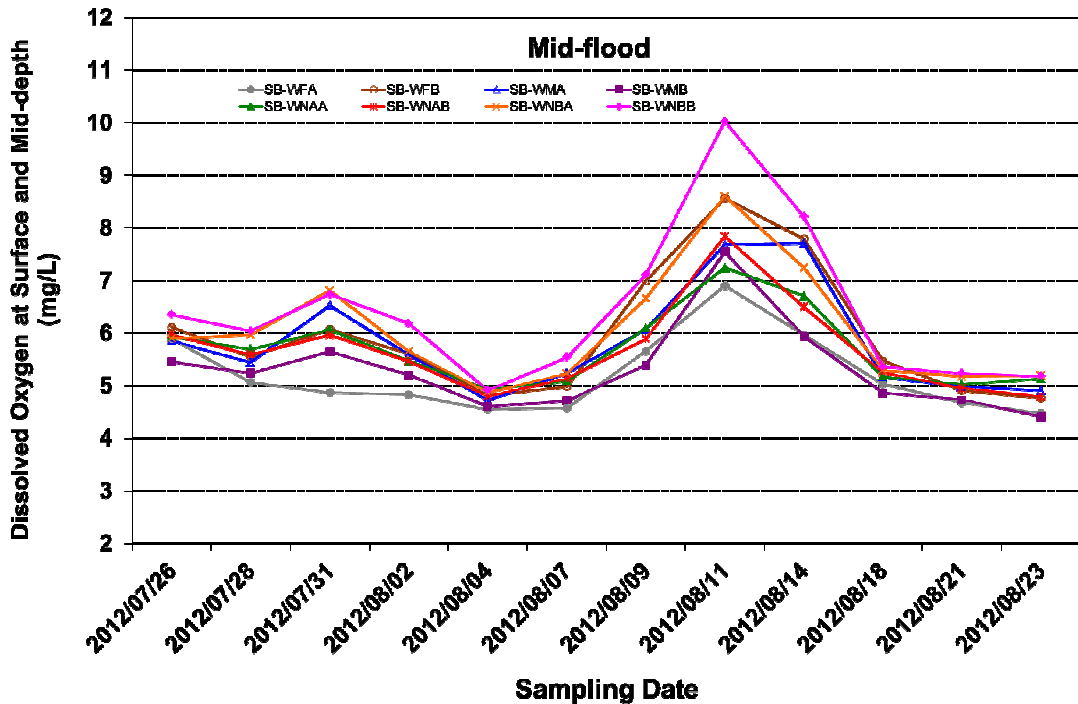


Figure D4 Dissolved Oxygen (mg/L) at the surface and mid-depth of the water column measured at Near Field, Mid Field and Far Field stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.



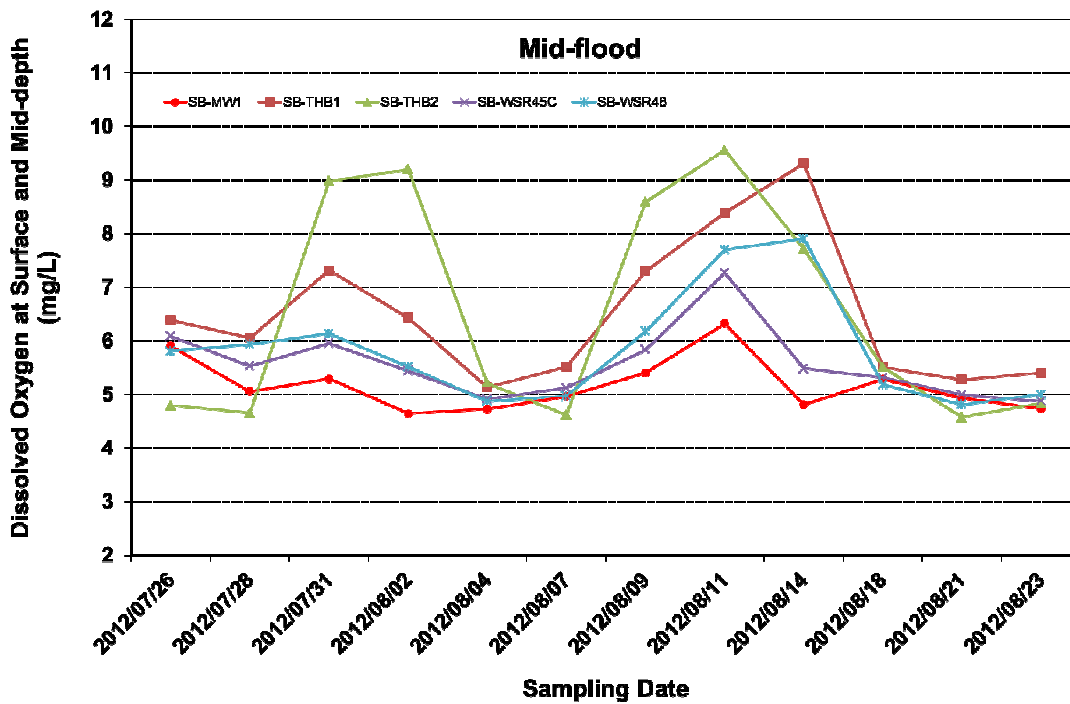


Figure D5 Dissolved Oxygen (mg/L) at the surface and mid-depth of the water column measured at Sensitive Receiver stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

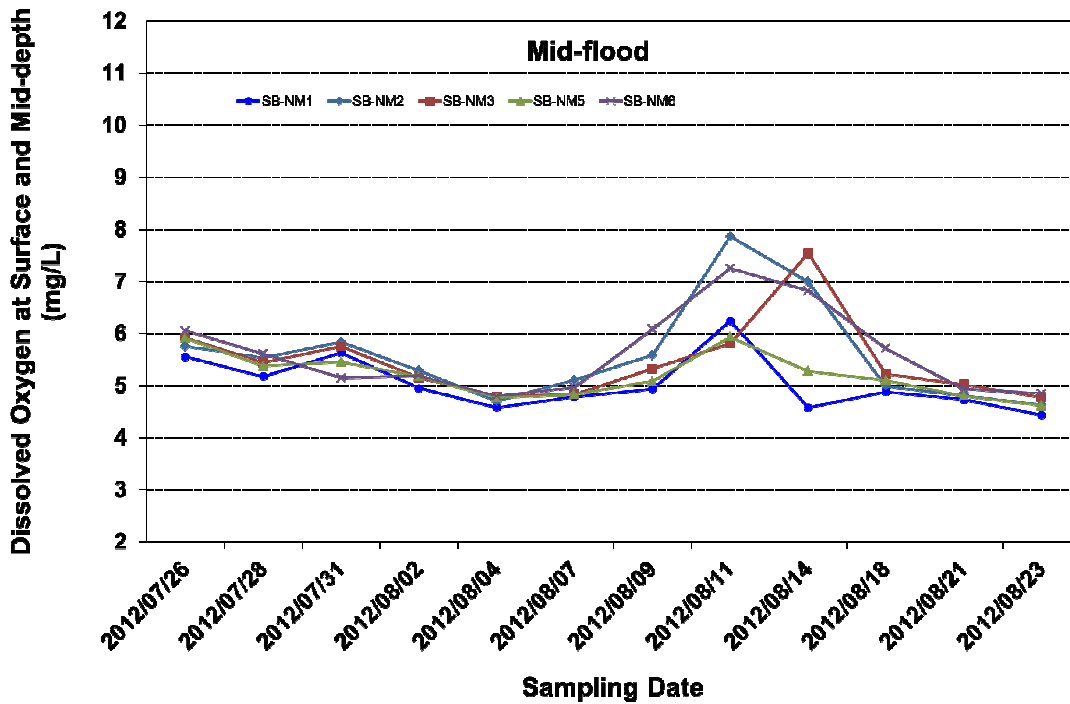


Figure D6 Dissolved Oxygen (mg/L) at the surface and mid-depth of the water column measured at Reference stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

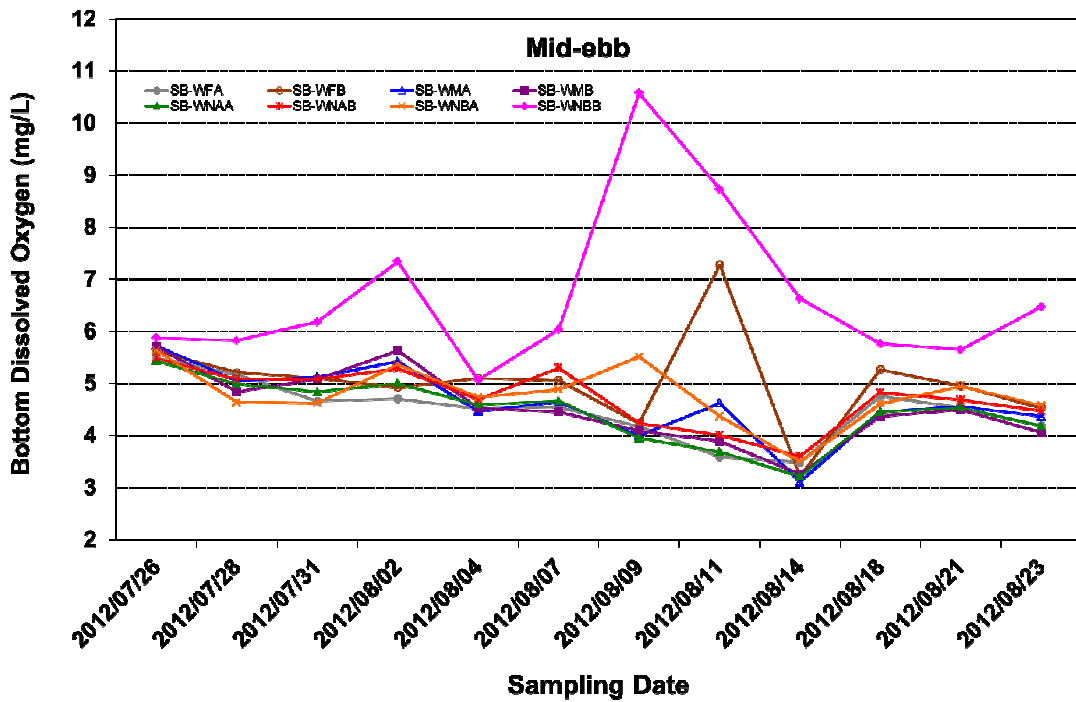


Figure D7 Dissolved Oxygen (mg/L) at the bottom of the water column measured at Near Field, Mid Field and Far Field stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

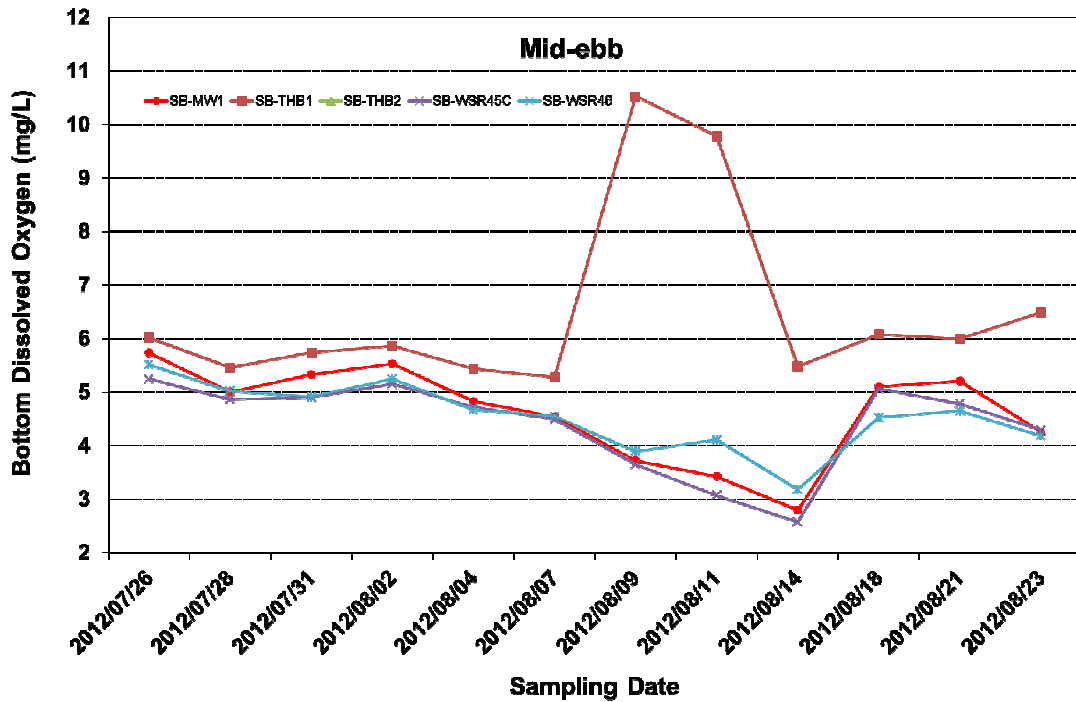


Figure D8 Dissolved Oxygen (mg/L) at the bottom of the water column measured at Sensitive Receiver stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

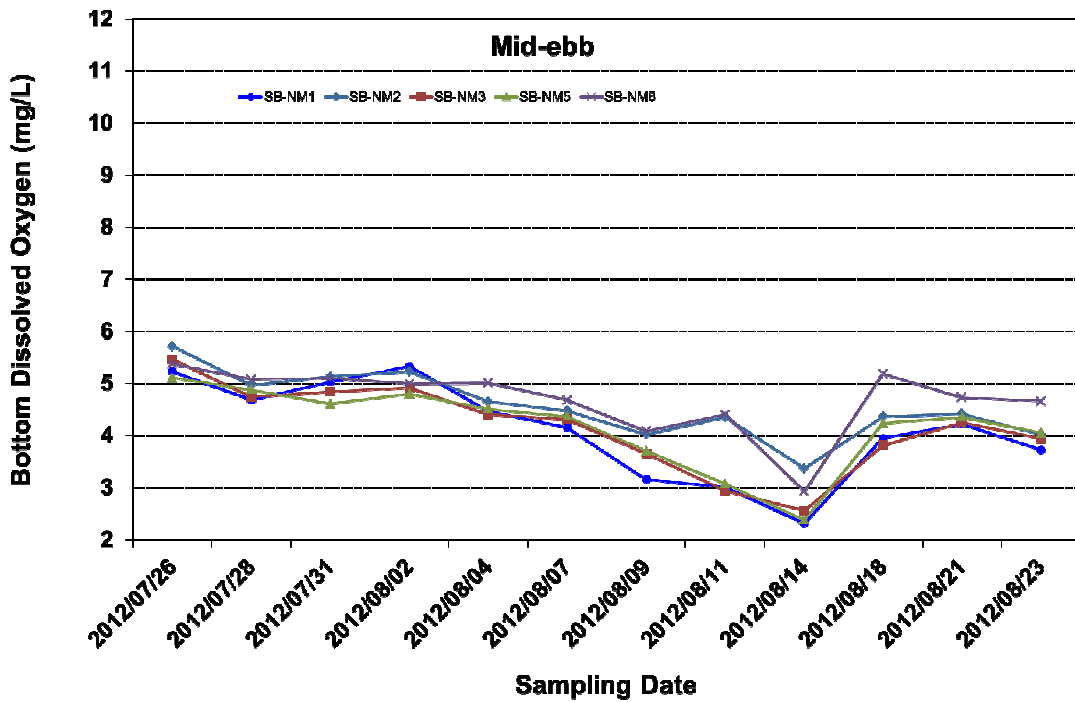


Figure D9 Dissolved Oxygen (mg/L) at the bottom of the water column measured at Reference stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

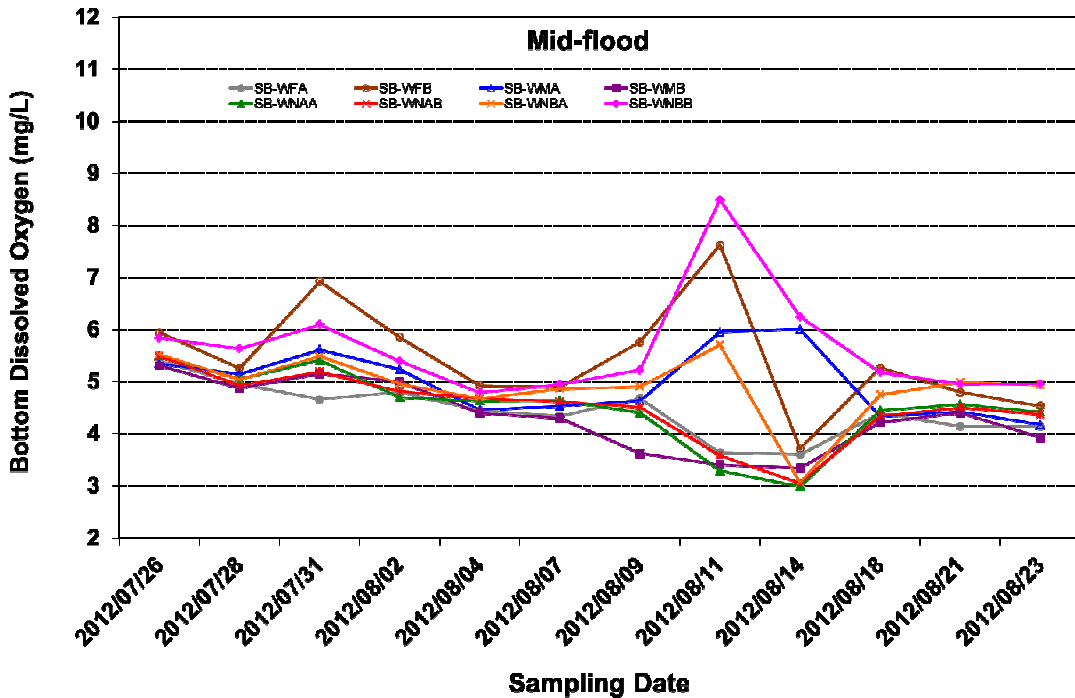


Figure D10 Dissolved Oxygen (mg/L) at the bottom of the water column measured at Near Field, Mid Field and Far Field stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

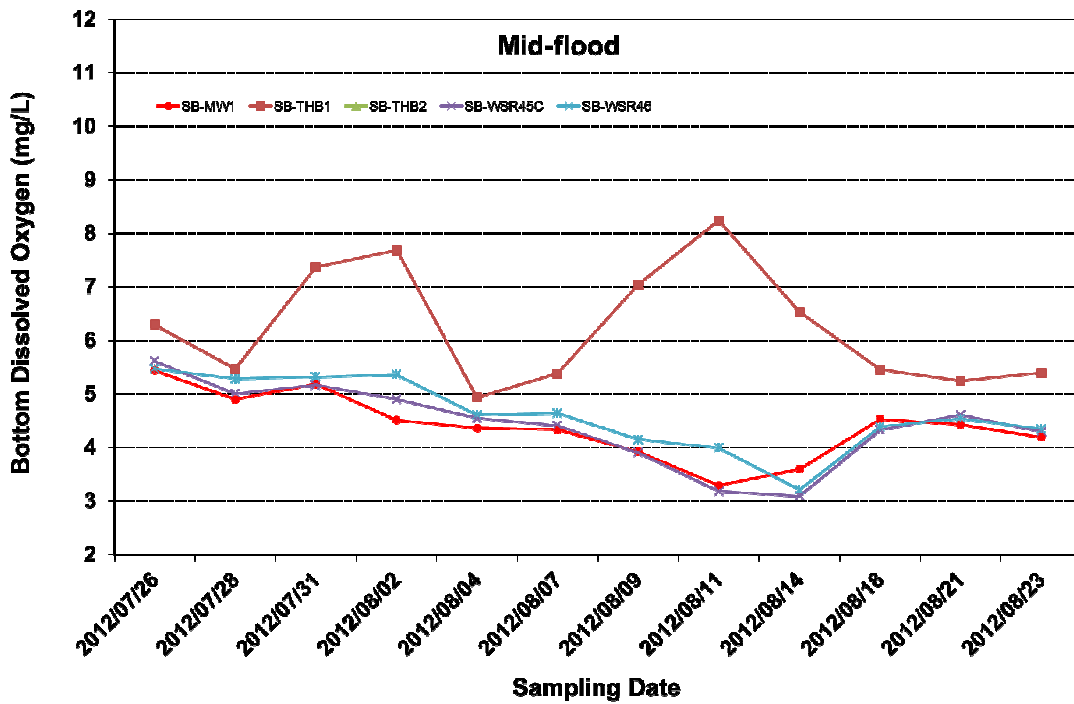


Figure D11 Dissolved Oxygen (mg/L) at the bottom of the water column measured at Sensitive Receiver stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

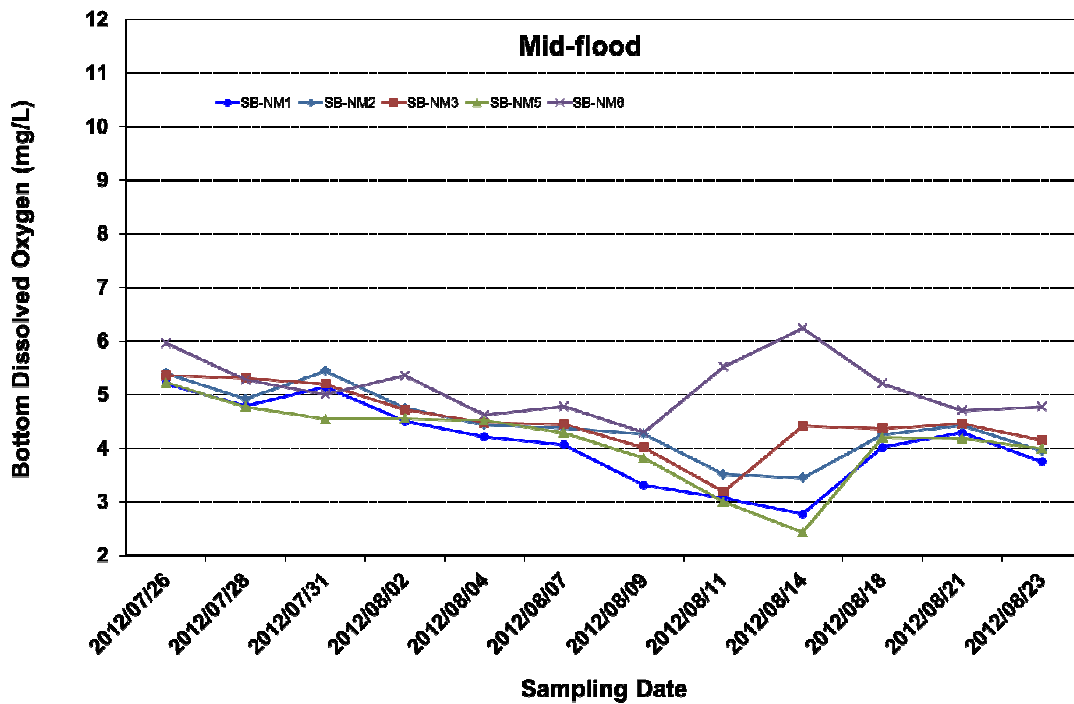


Figure D12 Dissolved Oxygen (mg/L) at the bottom of the water column measured at Reference stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

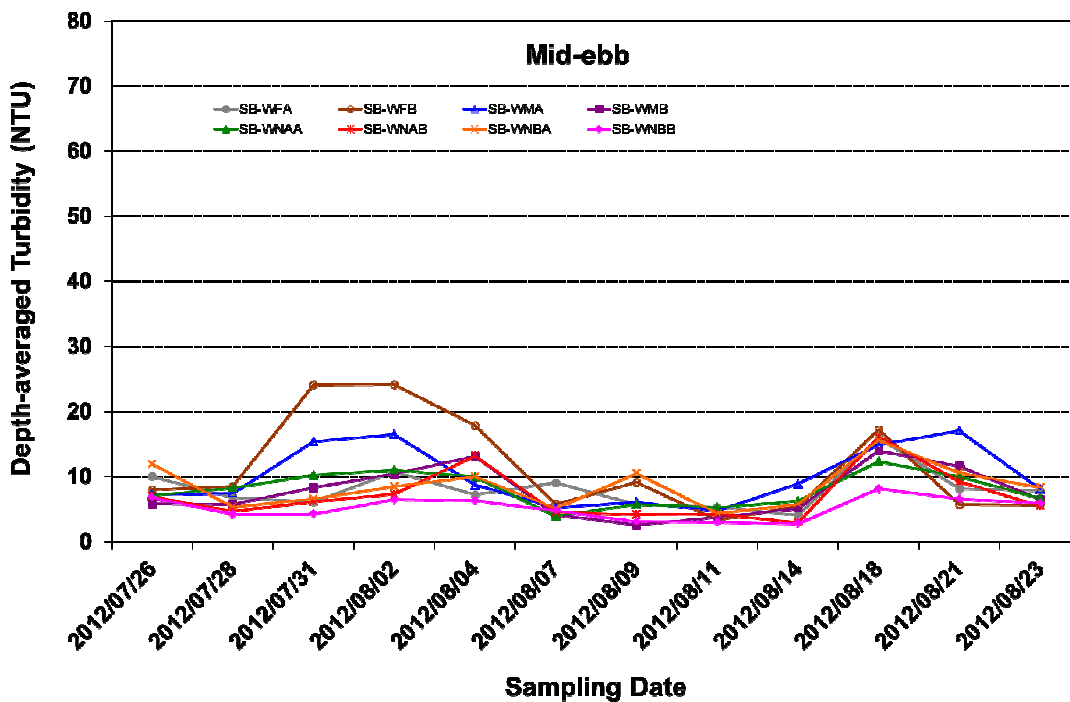


Figure D13 Depth-averaged turbidity (NTU) of water samples measured at Near Field, Mid Field and Far Field stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

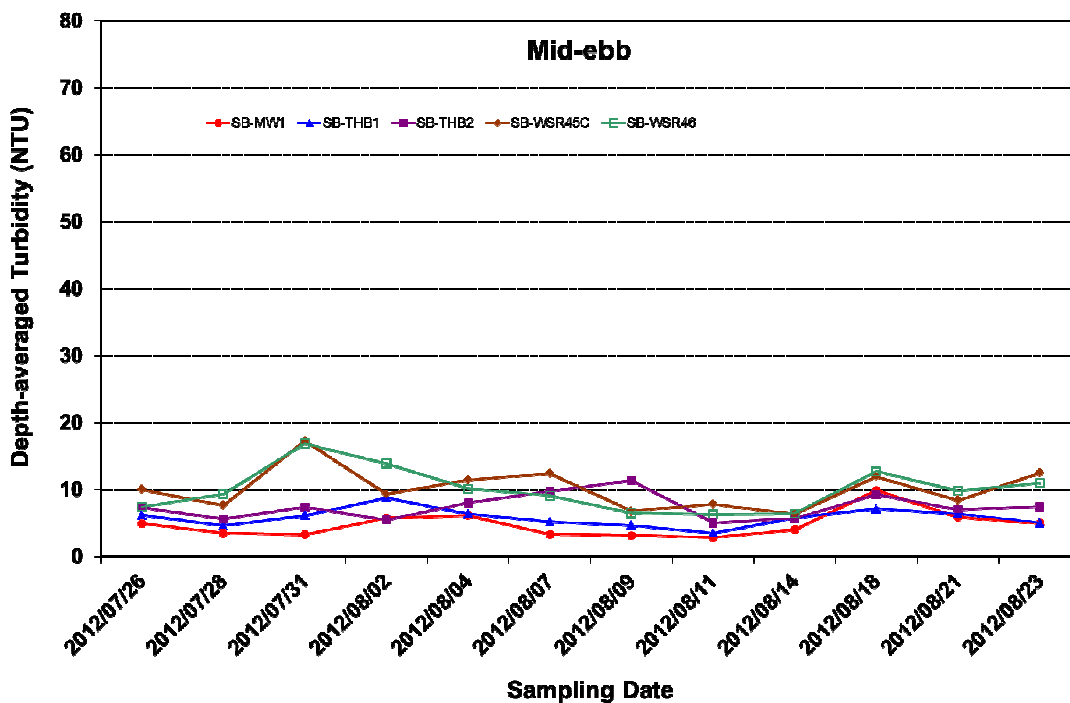


Figure D14 Depth-averaged turbidity (NTU) of water samples measured at Sensitive Receiver stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

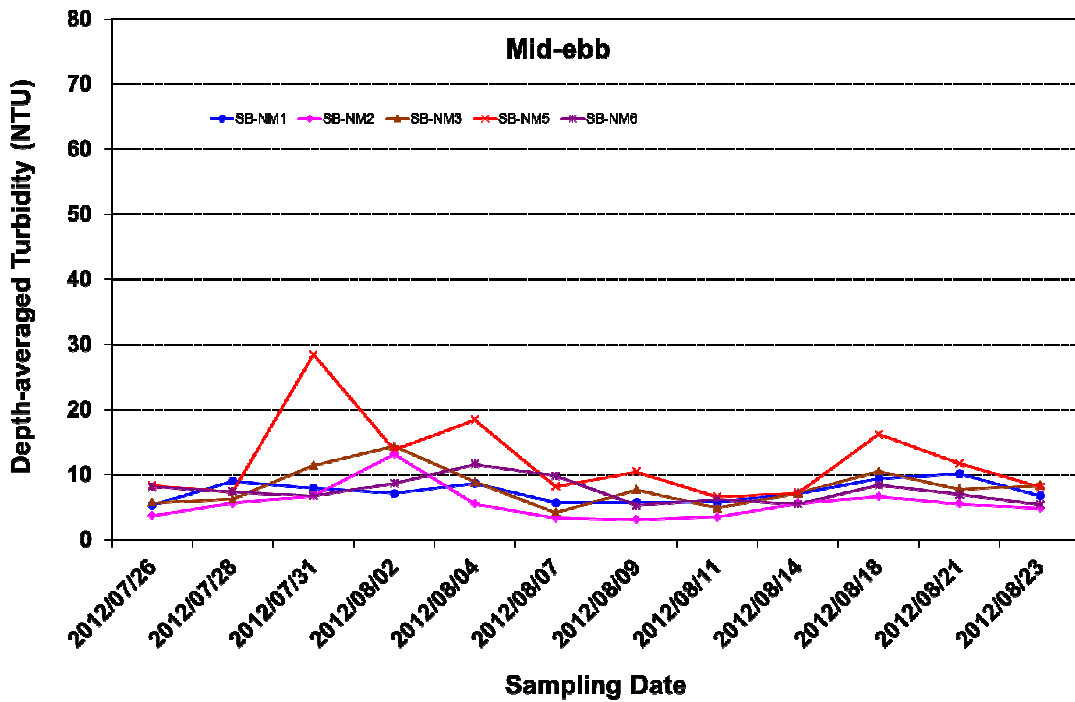


Figure D15 Depth-averaged turbidity (NTU) of water samples measured at Reference stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

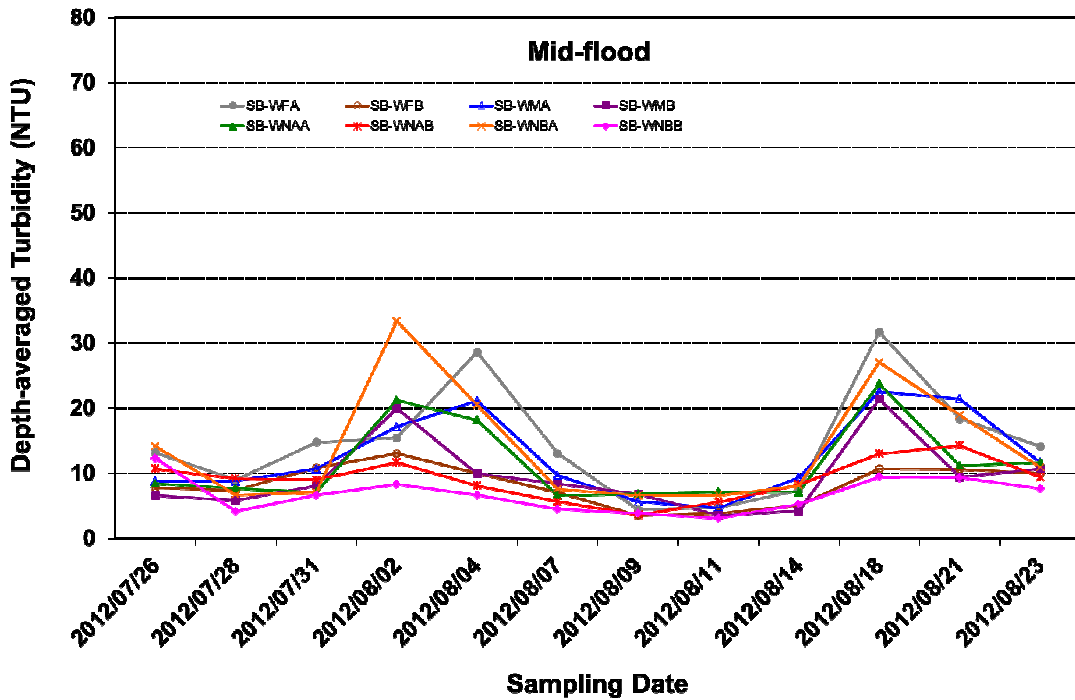


Figure D16 Depth-averaged turbidity (NTU) of water samples measured at Near Field, Mid Field and Far Field stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

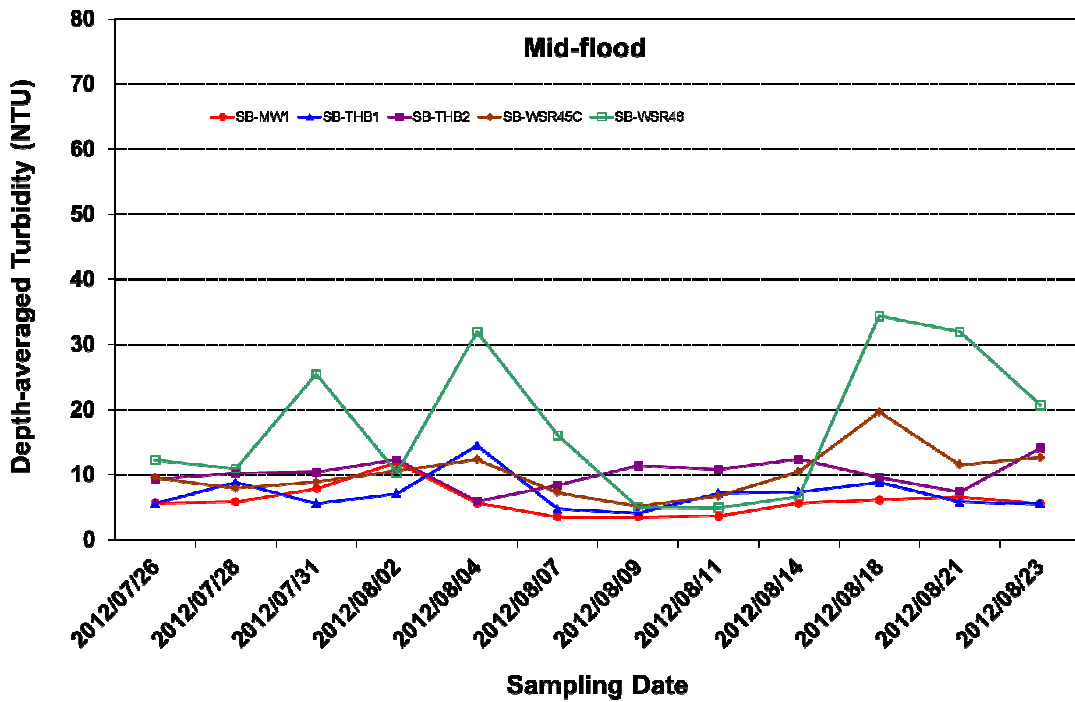


Figure D17 Depth-averaged turbidity (NTU) of water samples measured at Sensitive Receiver stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

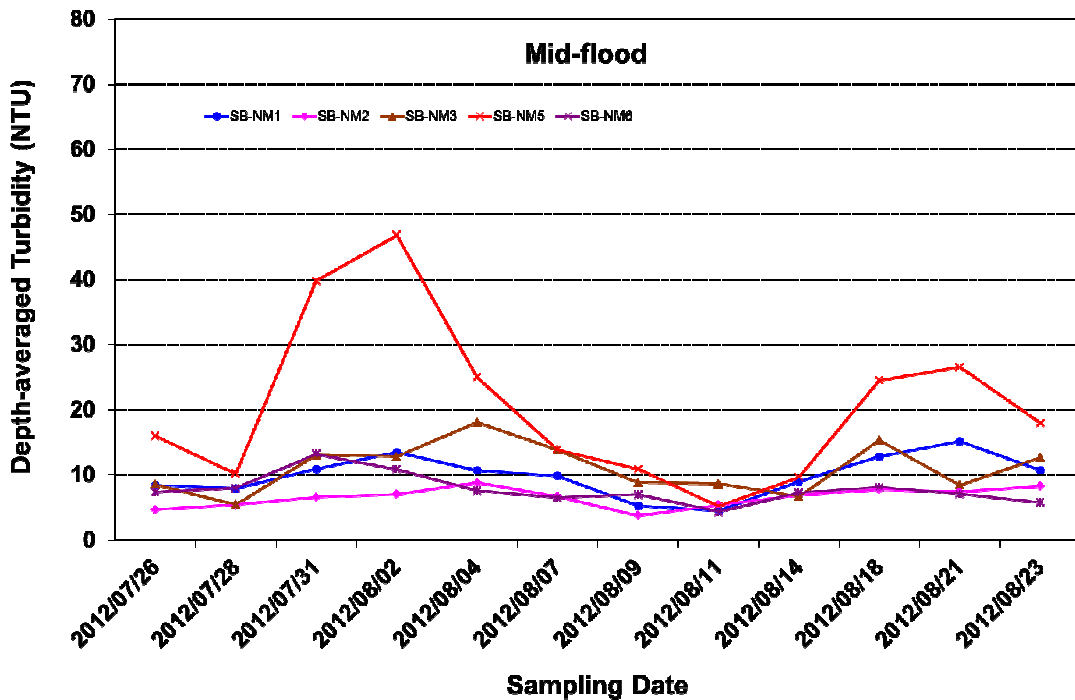


Figure D18 Depth-averaged turbidity (NTU) of water samples measured at Reference stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

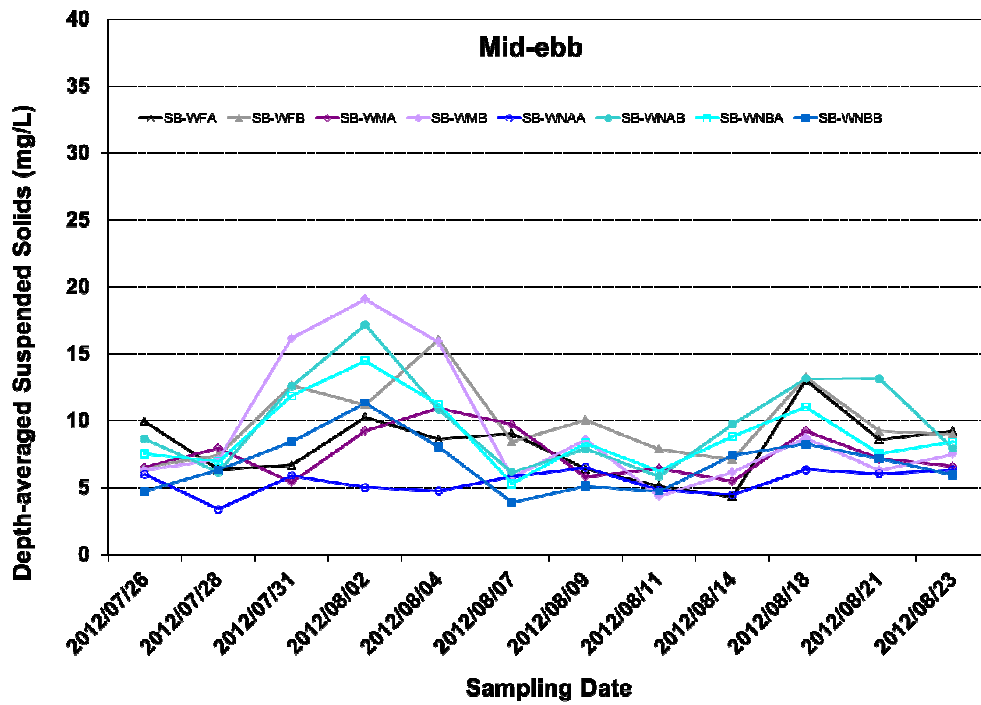


Figure D19 Depth-averaged Suspended Solids (mg/L) of water samples measured at Near Field, Mid Field and Far Field stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

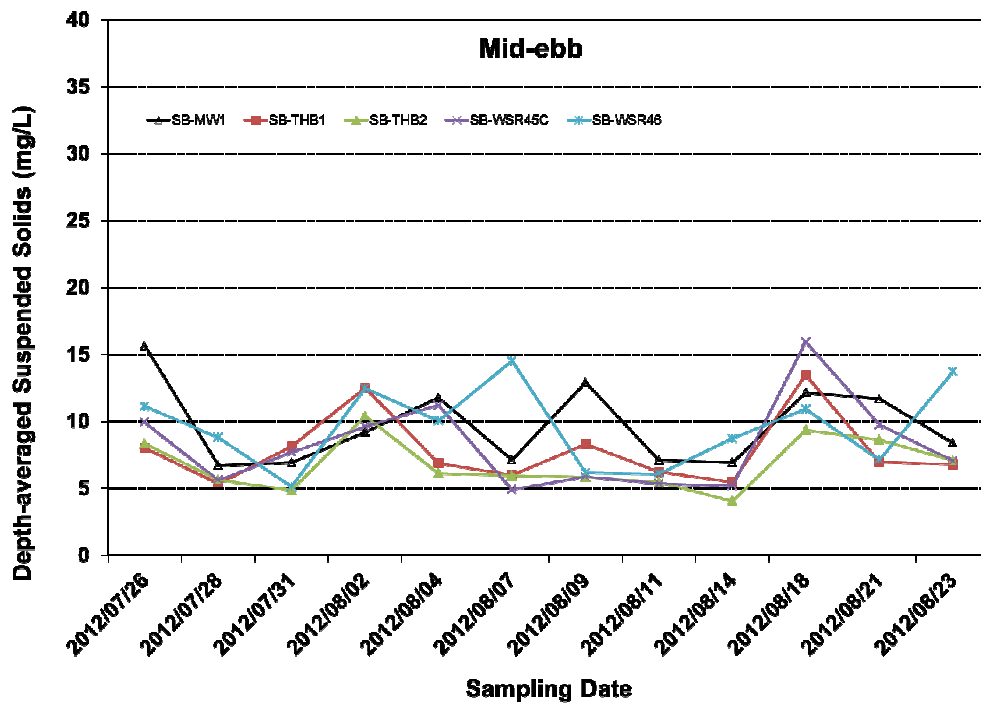


Figure D20 Depth-averaged Suspended Solids (mg/L) of water samples measured at Sensitive Receiver stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

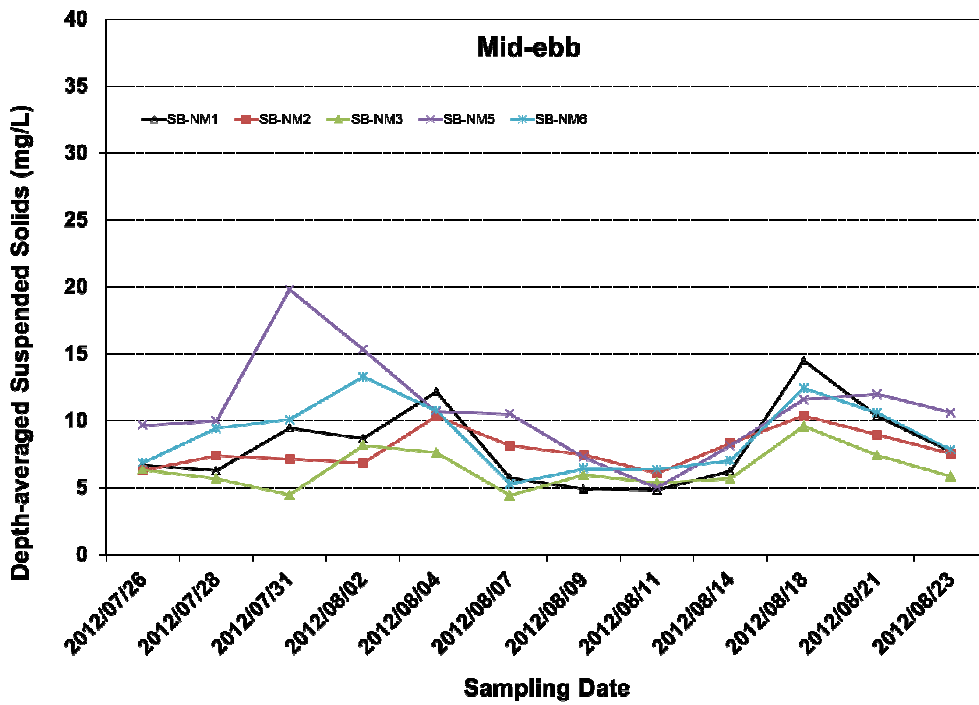


Figure D21 Depth-averaged Suspended Solids (mg/L) of water samples measured at Reference stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

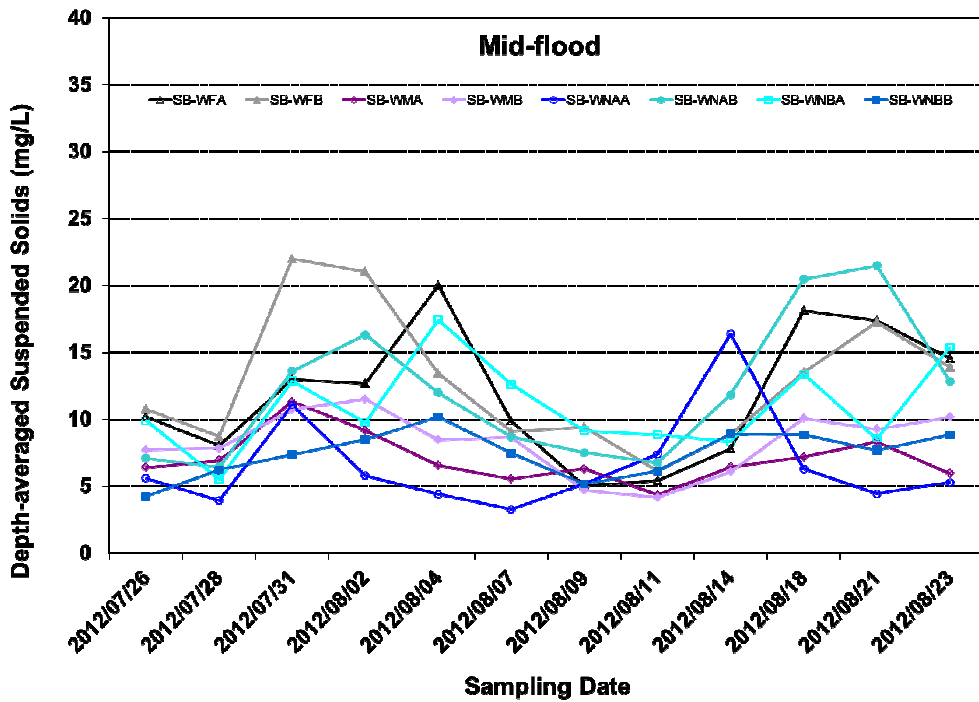


Figure D22 Depth-averaged Suspended Solids (mg/L) of water samples measured at Near Field, Mid Field and Far Field stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

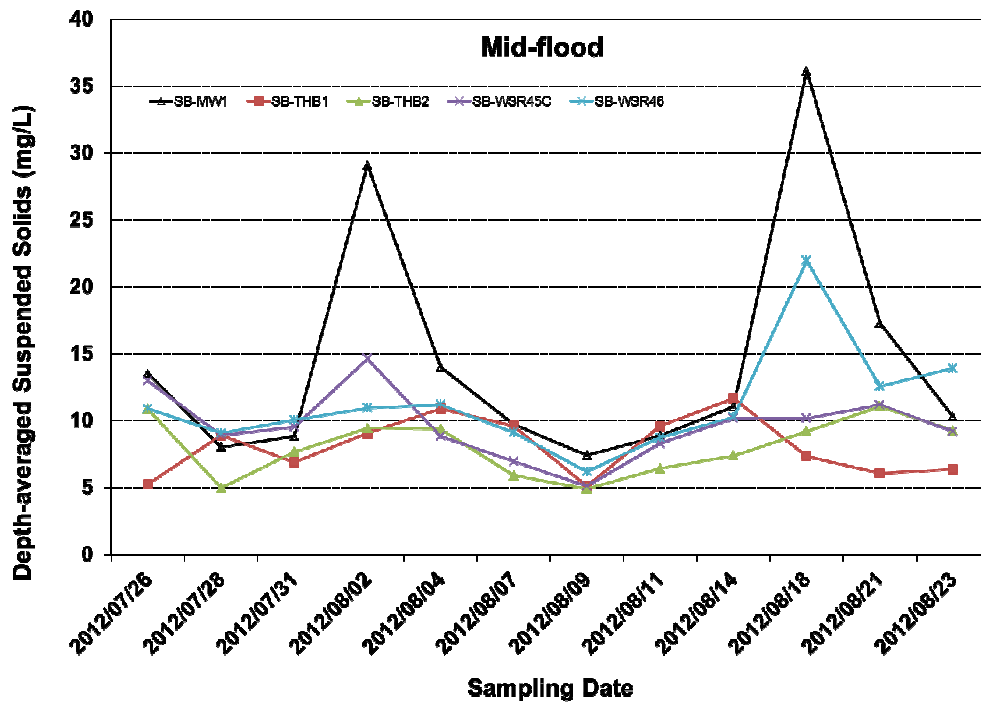


Figure D23 Depth-averaged Suspended Solids (mg/L) of water samples measured at Sensitive Receiver stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

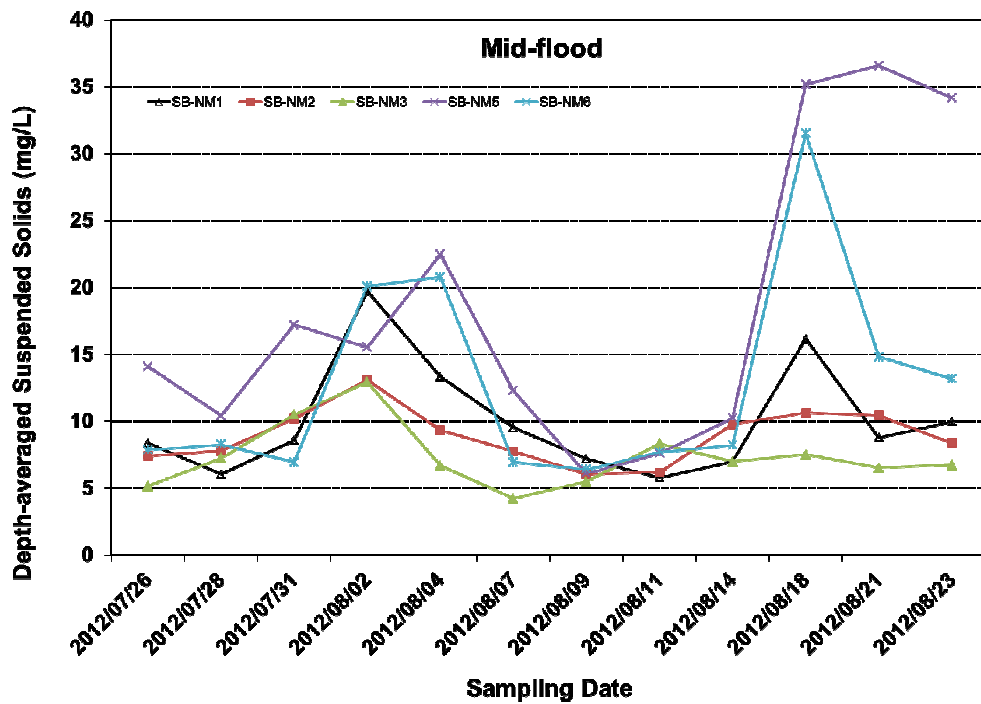


Figure D24 Depth-averaged Suspended Solids (mg/L) of water samples measured at Reference stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.