



**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**

4 October 2012

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# Environmental Monitoring and Audit for Contaminated Mud Pits to the South of The Brothers and at East Sha Chau (2012-2017) – Investigation

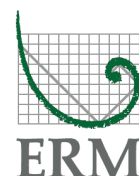
## Baseline Monitoring Report

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|---|--|--|---------|----------|----------|
| Client:<br><br>Civil Engineering and Development Department (CEDD)  |  | Project No:<br><br>0175086   |         |          |          |
| Summary:<br><br>This document presents the baseline water quality monitoring results for Contaminated Mud Pits at the South of The Brothers and at East Sha Chau.   |  | Date:<br>4 October 2012  |         |          |          |
|   |  | Approved by:<br><br>  |         |          |          |
|   |  | Craig A. Reid<br>Partner   |         |          |          |
|   |  |  |         |          |          |
| V1  | Baseline Water Quality Monitoring Report | RC   | CAR     | CAR      | 4/10/12  |
| V0  | Baseline Water Quality Monitoring Report | RC   | CAR     | CAR      | 28/09/12 |
| 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<br><input checked="" type="checkbox"/> Internal<br><input checked="" type="checkbox"/> Public<br><input type="checkbox"/> Confidential                            |         |          |          |
|   |  | <br> |         |          |          |



## 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/ <del>Plan to be Certified</del> / 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/ <del>plan</del> complies with the above referenced condition of EP-427/2011/A |  |
| Craig A. Reid,<br>Environmental Team Leader:   |  Date: 28/09/2012 |

#### IA Verification

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

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## 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**

| <b>Parameter</b>                                       | <b>Action Level</b>  | <b>Limit Level</b>   |
|--|--|--|
| Dissolved Oxygen (DO) <sup>(1)</sup>                   | <u>Surface and Mid-depth</u> <sup>(2)</sup><br>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 <sup>-1</sup> | <u>Surface and Mid-depth</u> <sup>(2)</sup><br>The average of the impact, WSR 45C and WSR 46 station readings are < 4 mg L <sup>-1</sup>   |
|  | and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day)   | and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day)                                       |
|  | <u>Bottom</u><br>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 <sup>-1</sup>  | <u>Bottom</u><br>The average of the impact station, WSR 45C and WSR 46 readings are < 2 mg L <sup>-1</sup>                                 |
|  | and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day)   | and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day)                                       |
| Depth-averaged Suspended Solids (SS) <sup>(3)(4)</sup> | 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 <sup>-1</sup>   | 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 <sup>-1</sup> |
|  | and<br><br>120% of control station's SS at the same tide of the same day   | and<br><br>130% of control station's SS at the same tide of the same day   |
| Depth-averaged Turbidity (Tby) <sup>(3)(4)</sup>       | 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 = 56.30 NTU                                  |
|  | and<br><br>120% of control station's Tby at the same tide of the same day  | and<br><br>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 5<sup>th</sup> 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) <sup>(1)</sup>. 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 <sup>(2)</sup> 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.

<sup>(1)</sup> 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))

<sup>2</sup> 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.

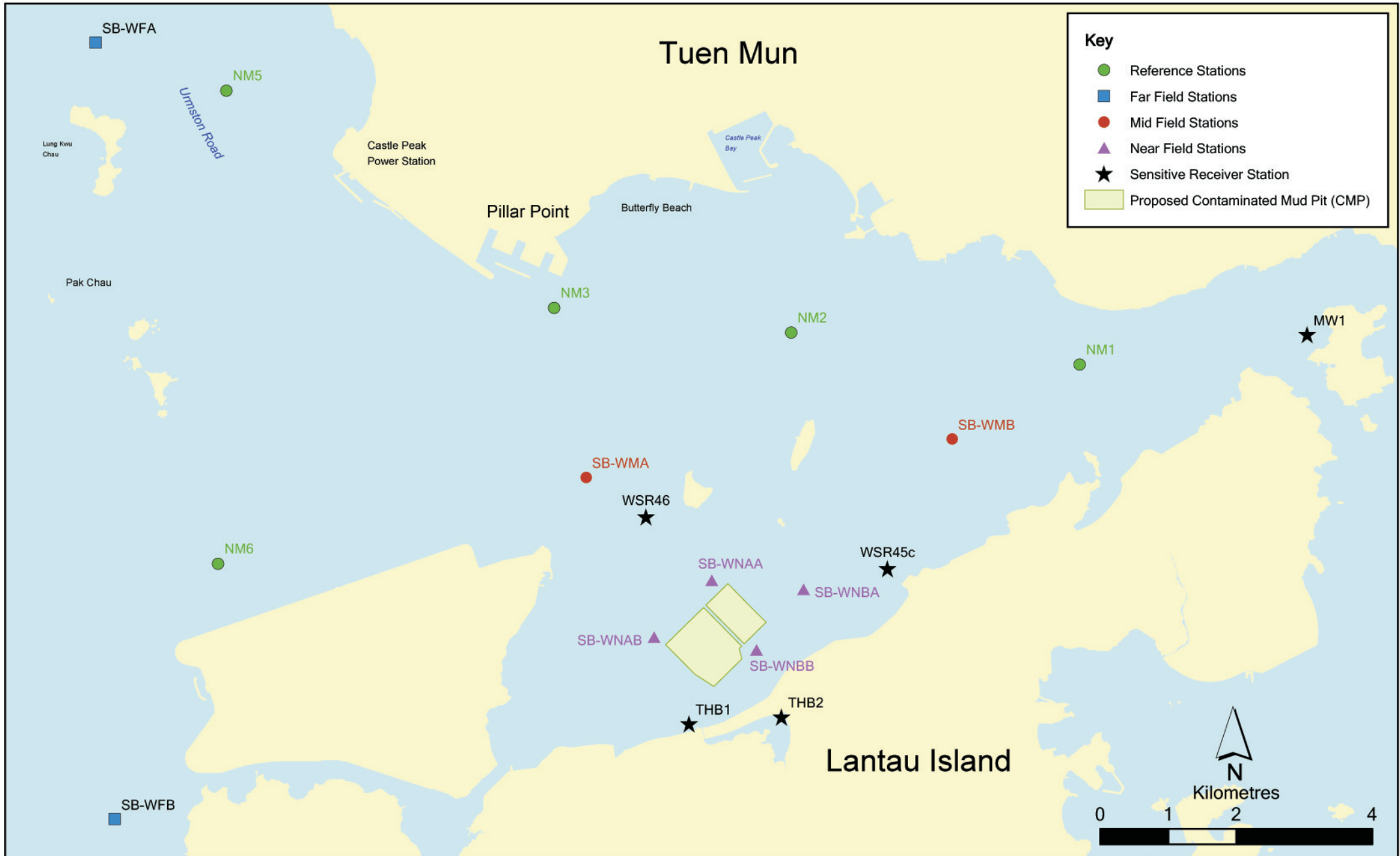


Figure 2.1

Baseline Water Quality Monitoring Stations for Dredging Activities

### 2.2.1 *Monitoring Parameters*

Parameters measured *in situ* were:

- Dissolved Oxygen ( $\text{mg L}^{-1}$ );
- Salinity (ppt);
- pH;
- Turbidity (NTU);
- Temperature ( $^{\circ}\text{C}$ ); and
- Current Velocity and Direction ( $\text{ms}^{-1}$ ).

Parameters measured in the laboratory were:

- Suspended Solids (SS) ( $\text{mg L}^{-1}$ );
- Ammonia ( $\text{mg L}^{-1}$ );
- Total Inorganic Nitrogen (TIN  $\text{mg L}^{-1}$ );
- 5-Day Biochemical Oxygen Demand ( $\text{BOD}_5$ );
- Cadmium ( $\text{mg L}^{-1}$ );
- Chromium ( $\text{mg L}^{-1}$ );
- Copper ( $\text{mg L}^{-1}$ );
- Lead ( $\text{mg L}^{-1}$ );
- Mercury ( $\text{mg L}^{-1}$ );
- Nickel ( $\text{mg L}^{-1}$ );
- Silver ( $\text{mg L}^{-1}$ );
- Zinc ( $\text{mg L}^{-1}$ ); and
- Arsenic ( $\text{mg L}^{-1}$ ).

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<sup>-1</sup>; 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 <sup>(1)</sup>. 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*

| <b>Parameter</b>                  | <b>Action Level</b>   | <b>Limit Level</b>  |
|-----------------------------------|---|---|
| <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<br><br>and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day) | The average of the impact, WSR 45C and WSR 46 station readings are < 4 mg L <sup>-1</sup><br><br>and<br><br>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<br><br>and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day) | The average of the impact, WSR 45C and WSR 46 station readings are < 2 mg L <sup>-1</sup><br><br>and<br><br>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<br><br>and<br><br>120% or more of the reference stations SS (at the same tide of the same day)             | The average of the impact, WSR 45C and WSR 46 station readings are > 99%ile of baseline data<br><br>and<br><br>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<br><br>and<br><br>120% or more of the reference stations turbidity (at the same tide of the same day)      | The average of the impact, WSR 45C and WSR 46 station readings are > 99% of baseline data<br><br>and<br><br>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**

| <b>Parameter</b>                                       | <b>Action Level</b>  | <b>Limit Level</b>   |
|--|--|--|
| Dissolved Oxygen (DO) <sup>(1)</sup>                   | <u>Surface and Mid-depth</u> <sup>(2)</sup><br>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 <sup>-1</sup> | <u>Surface and Mid-depth</u> <sup>(2)</sup><br>The average of the impact, WSR 45C and WSR 46 station readings are < 4 mg L <sup>-1</sup>   |
|  | and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day)   | and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day)                                       |
|  | <u>Bottom</u><br>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 <sup>-1</sup>  | <u>Bottom</u><br>The average of the impact station, WSR 45C and WSR 46 readings are < 2 mg L <sup>-1</sup>                                 |
|  | and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day)   | and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day)                                       |
| Depth-averaged Suspended Solids (SS) <sup>(3)(4)</sup> | 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 <sup>-1</sup>   | 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 <sup>-1</sup> |
|  | and<br><br>120% of control station's SS at the same tide of the same day   | and<br><br>130% of control station's SS at the same tide of the same day   |
| Depth-averaged Turbidity (Tby) <sup>(3)(4)</sup>       | 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 = 56.30 NTU                                  |
|  | and<br><br>120% of control station's Tby at the same tide of the same day  | and<br><br>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**

| <b>Parameter</b>                                       | <b>Action Level</b>  | <b>Limit Level</b>   |
|--|--|--|
| Dissolved Oxygen (DO) <sup>(1)</sup>                   | <u>Surface and Mid-depth</u> <sup>(2)</sup><br>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 <sup>-1</sup> | <u>Surface and Mid-depth</u> <sup>(2)</sup><br>The average of the impact, WSR 45C and WSR 46 station readings are < 4 mg L <sup>-1</sup>   |
|  | and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day)   | and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day)                                       |
|  | <u>Bottom</u><br>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 <sup>-1</sup>  | <u>Bottom</u><br>The average of the impact station, WSR 45C and WSR 46 readings are < 2 mg L <sup>-1</sup>                                 |
|  | and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day)   | and<br><br>Significantly less than the reference stations mean DO (at the same tide of the same day)                                       |
| Depth-averaged Suspended Solids (SS) <sup>(3)(4)</sup> | 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 <sup>-1</sup>   | 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 <sup>-1</sup> |
|  | and<br><br>120% of control station's SS at the same tide of the same day   | and<br><br>130% of control station's SS at the same tide of the same day   |
| Depth-averaged Turbidity (Tby) <sup>(3)(4)</sup>       | 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 = 56.30 NTU                                  |
|  | and<br><br>120% of control station's Tby at the same tide of the same day  | and<br><br>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<br>Mid-Ebb 16:05<br><i>Baseline Monitoring</i> |        | Mid-Flood 14:00<br>Mid-Ebb 10:00<br><i>Baseline Monitoring</i> |
|        |        | Mid-Flood 17:01<br>Mid-Ebb 10:02<br><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<br>Mid-Ebb 11:30<br><i>Baseline Monitoring</i>                    |        | Mid-Flood 06:01<br>Mid-Ebb 12:30<br><i>Baseline Monitoring</i> |
| 05-Aug | 06-Aug | 07-Aug   | 08-Aug    | 09-Aug  | 10-Aug | 11-Aug   |
|        |        | Mid-Flood 10:03<br>Mid-Ebb 14:00<br><i>Baseline Monitoring</i> |           | Mid-Flood 10:01<br>Mid-Ebb 15:30<br><i>Baseline Monitoring</i>                    |        | Mid-Flood 15:30<br>Mid-Ebb 10:06<br><i>Baseline Monitoring</i> |
| 12-Aug | 13-Aug | 14-Aug   | 15-Aug    | 16-Aug  | 17-Aug | 18-Aug   |
|        |        | Mid-Flood 16:00<br>Mid-Ebb 09:02<br><i>Baseline Monitoring</i> |           | Mid-Flood 19:07<br>Mid-Ebb 12:08<br><i>(Cancelled due to Typhoon Signal No.8)</i> |        | Mid-Flood 05:01<br>Mid-Ebb 11:32<br><i>Baseline Monitoring</i> |
| 19-Aug | 20-Aug | 21-Aug   | 22-Aug    | 23-Aug  | 24-Aug | 25-Aug   |
|        |        | Mid-Flood 07:03<br>Mid-Ebb 13:30<br><i>Baseline Monitoring</i> |           | Mid-Flood 09:01<br>Mid-Ebb 15:01<br><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

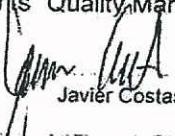
Signature: 

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

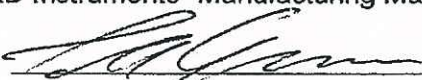
Customer: EGS  
EGS (Asia) Limited  
9th Floor South, Somerset House  
Taikoo Place  
979 King's Road  
Quarry Bay, Hong Kong

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**

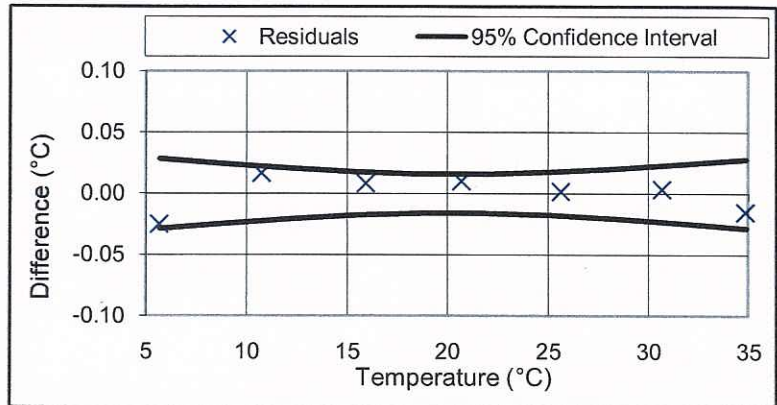
**CALIBRATION RECORD FOR TEMPERATURE/SALINITY/TURBIDITY SENSOR**

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     |

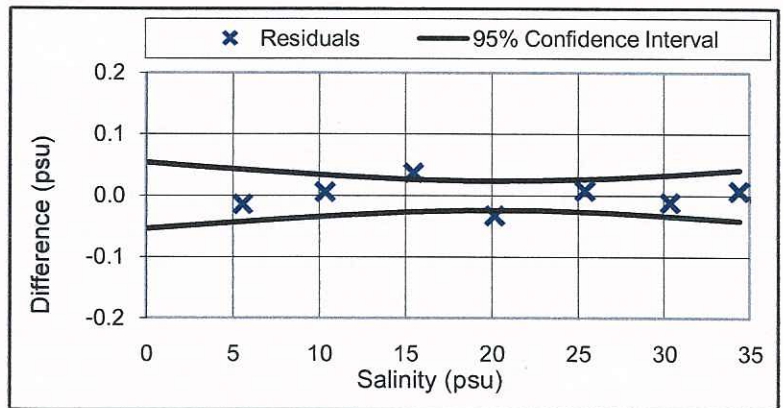
**TEMPERATURE CALIBRATION**

| 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 |



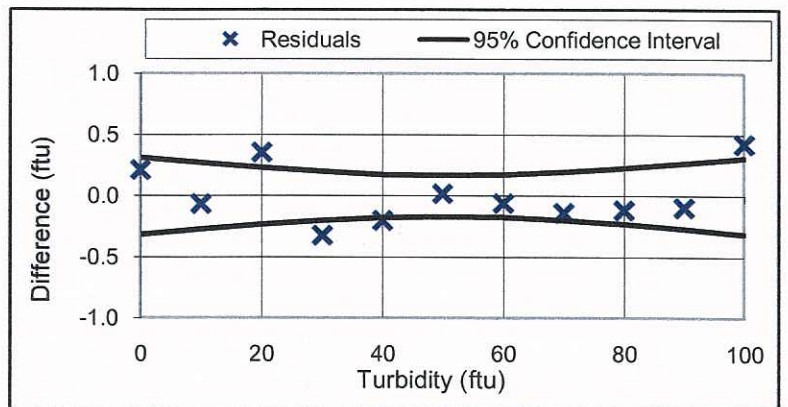
**SALINITY CALIBRATION**

| 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    | <b>0.9997 ±0.0003</b> | <b>0.9979 ±0.0004</b> | <b>0.998 ±0.0008</b>  |
| Calibration intercept, c   | <b>0.24 ±0.00°C</b>   | <b>0.01 ±0.00psu</b>  | <b>-0.21 ±0.02ftu</b> |
| 95% Confidence interval    | <b>±0.028 °C</b>      | <b>±0.054 psu</b>     | <b>±0.32 ftu</b>      |
| <b>PASS/FAIL CRITERION</b> | <b>0.1 PASS</b>       | <b>0.2 PASS</b>       | <b>1.0 PASS</b>       |

|                      |            |              |          |                 |          |
|----------------------|------------|--------------|----------|-----------------|----------|
| Calibration Engineer | Ricky Wong | 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**

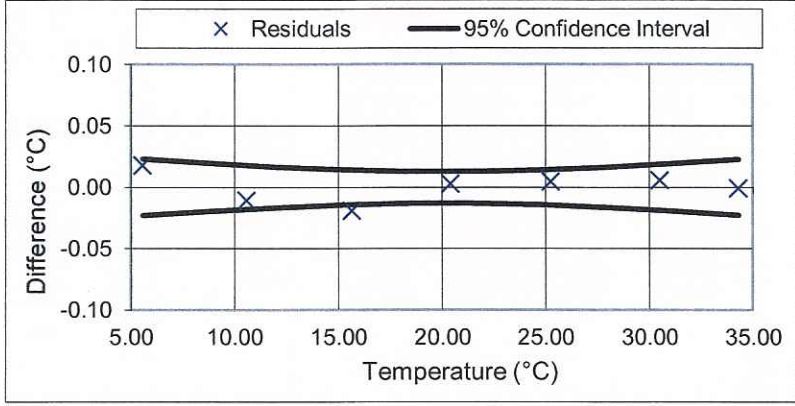
**CALIBRATION RECORD FOR TEMPERATURE/SALINITY/TURBIDITY SENSOR**

Instrument model: **YSI 6920** Calibration date: **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     |

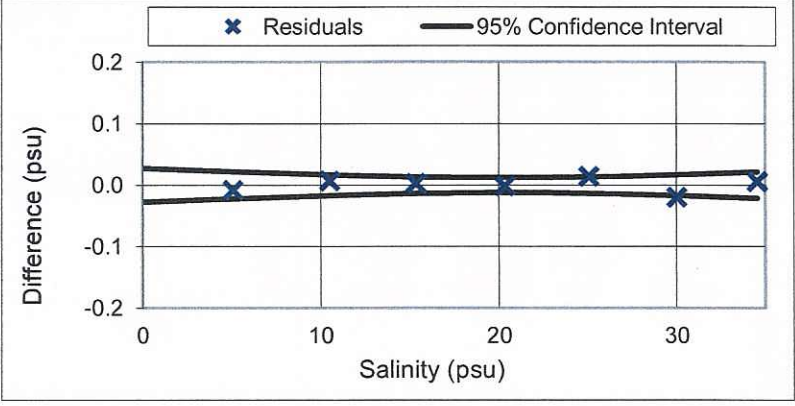
**TEMPERATURE CALIBRATION**

| 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 |



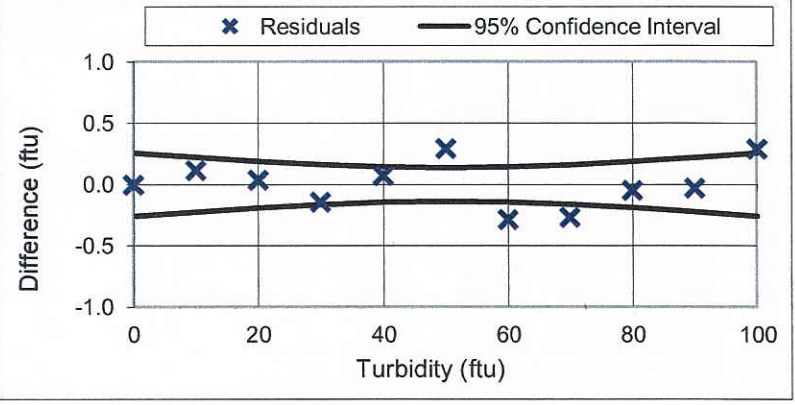
**SALINITY CALIBRATION**

| 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    | <b>1.0017 ±0.0002</b> | <b>1.0009 ±0.0002</b> | <b>0.998 ±0.0006</b> |
| Calibration intercept, c   | <b>0.22 ±0.00°C</b>   | <b>0.00 ±0.00psu</b>  | <b>0.01 ±0.02ftu</b> |
| 95% Confidence interval    | <b>±0.023 °C</b>      | <b>±0.028 psu</b>     | <b>±0.26 ftu</b>     |
| <b>PASS/FAIL CRITERION</b> | <b>0.1 PASS</b>       | <b>0.2 PASS</b>       | <b>1.0 PASS</b>      |

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**

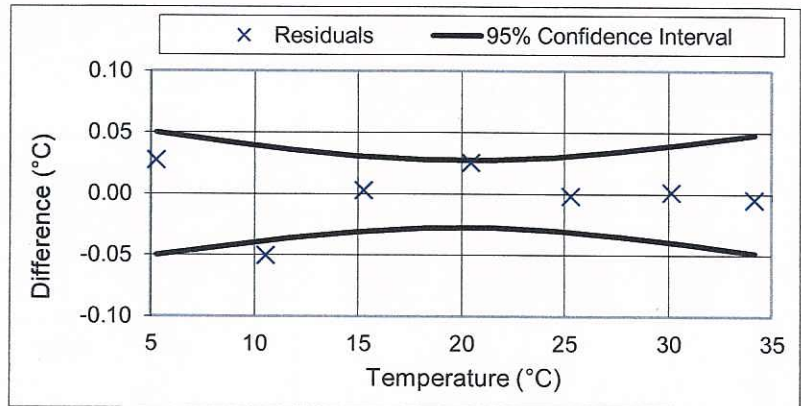
**CALIBRATION RECORD FOR TEMPERATURE/SALINITY/TURBIDITY SENSOR**

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     |

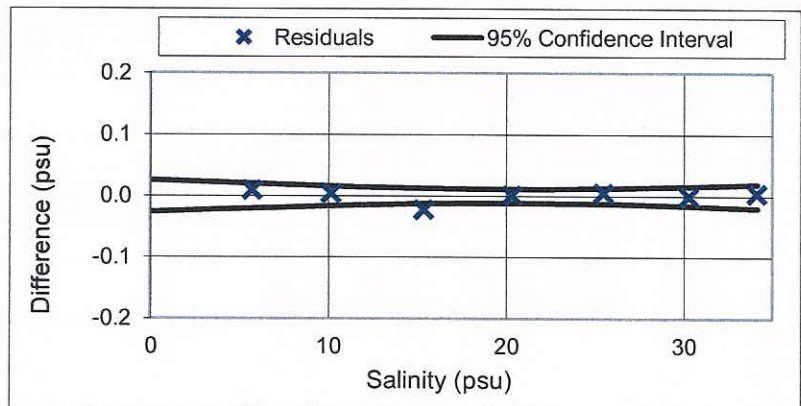
**TEMPERATURE CALIBRATION**

| 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 |



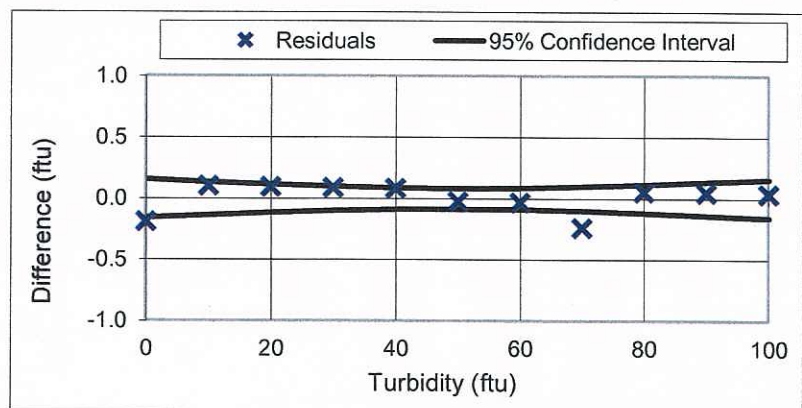
**SALINITY CALIBRATION**

| 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    | <b>1.0015 ±0.0005</b> | <b>1.0013 ±0.0002</b> | <b>1.001 ±0.0004</b> |
| Calibration intercept, c   | <b>0.01 ±0.00°C</b>   | <b>-0.02 ±0.00psu</b> | <b>0.19 ±0.01ftu</b> |
| 95% Confidence interval    | <b>±0.050 °C</b>      | <b>±0.026 psu</b>     | <b>±0.16 ftu</b>     |
| <b>PASS/FAIL CRITERION</b> | <b>0.1 PASS</b>       | <b>0.2 PASS</b>       | <b>1.0 PASS</b>      |

|                      |          |              |          |                 |          |
|----------------------|----------|--------------|----------|-----------------|----------|
| 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**

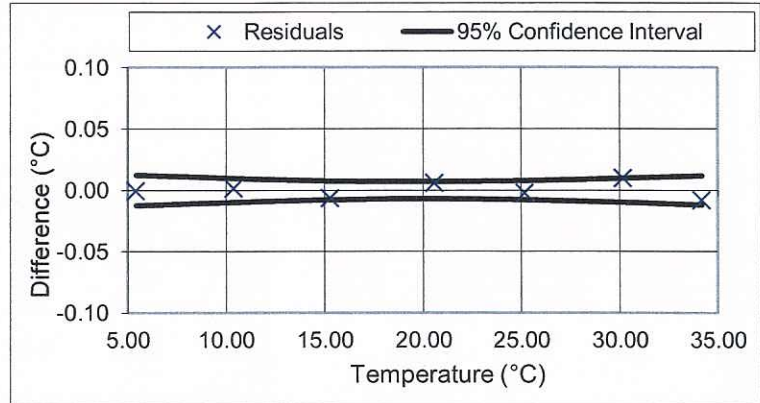
**CALIBRATION RECORD FOR TEMPERATURE/SALINITY/TURBIDITY SENSOR**

Instrument model: **YSI 6920** Calibration date **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   | DRTASAL 69470   | 0     | 0     | 0     | 0     |

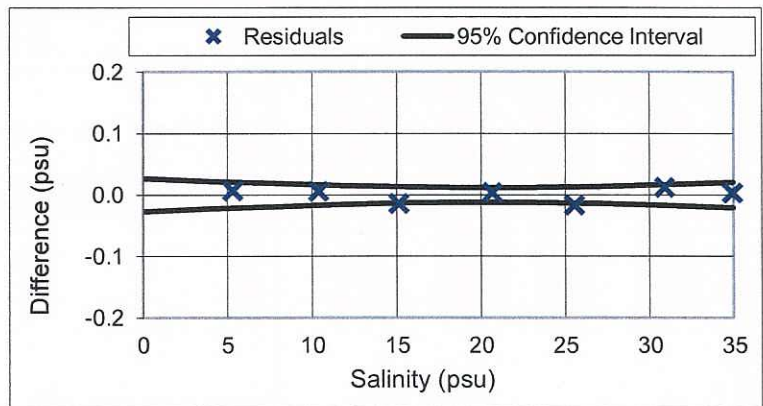
**TEMPERATURE CALIBRATION**

| 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 |



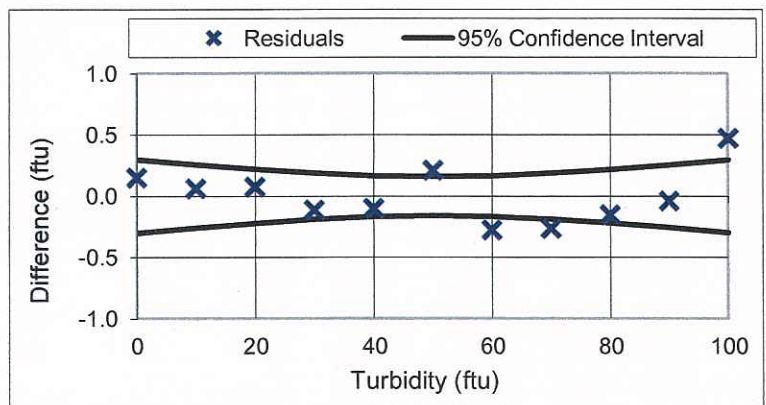
**SALINITY CALIBRATION**

| 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    | <b>0.9996 ±0.0001</b> | <b>1.0022 ±0.0002</b> | <b>0.999 ±0.0007</b>  |
| Calibration intercept, c   | <b>0.00 ±0.00°C</b>   | <b>-0.01 ±0.00psu</b> | <b>-0.15 ±0.02ftu</b> |
| 95% Confidence interval    | <b>±0.013 °C</b>      | <b>±0.027 psu</b>     | <b>±0.30 ftu</b>      |
| <b>PASS/FAIL CRITERION</b> | <b>0.1 PASS</b>       | <b>0.2 PASS</b>       | <b>1.0 PASS</b>       |

|                      |            |              |          |                 |          |
|----------------------|------------|--------------|----------|-----------------|----------|
| Calibration Engineer | Ricky Wong | 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**

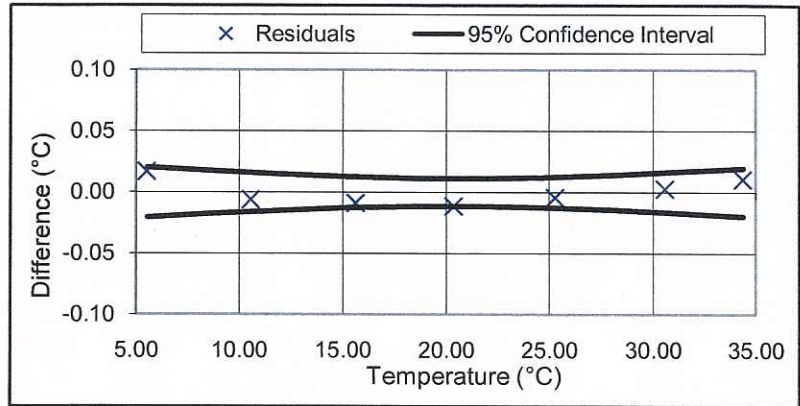
**CALIBRATION RECORD FOR TEMPERATURE/SALINITY/TURBIDITY SENSOR**

Instrument model: **YSI 6920** Calibration date: **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     |

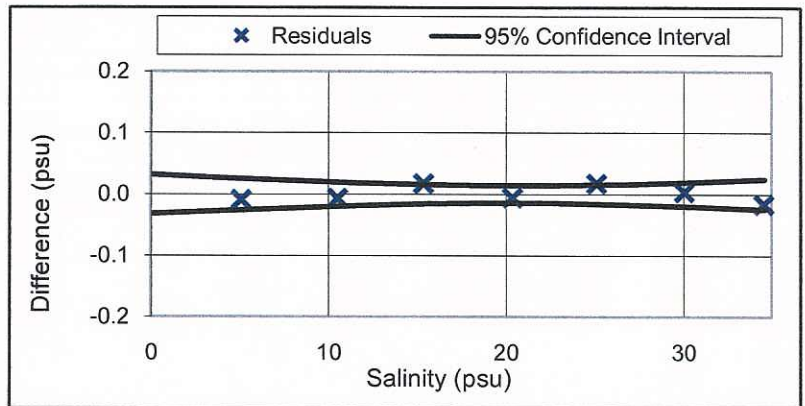
**TEMPERATURE CALIBRATION**

| 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  |



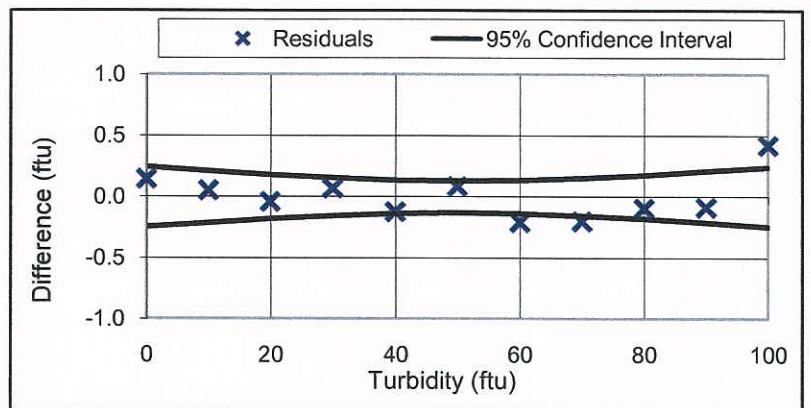
**SALINITY CALIBRATION**

| 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    | <b>1.0006 ±0.0002</b> | <b>0.9868 ±0.0002</b> | <b>0.999 ±0.0006</b>  |
| Calibration intercept, c   | <b>-0.01 ±0.00°C</b>  | <b>0.07 ±0.00psu</b>  | <b>-0.14 ±0.02ftu</b> |
| 95% Confidence interval    | <b>±0.020 °C</b>      | <b>±0.032 psu</b>     | <b>±0.24 ftu</b>      |
| <b>PASS/FAIL CRITERION</b> | <b>0.1 PASS</b>       | <b>0.2 PASS</b>       | <b>1.0 PASS</b>       |

|                      |          |              |          |                 |          |
|----------------------|----------|--------------|----------|-----------------|----------|
| 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**

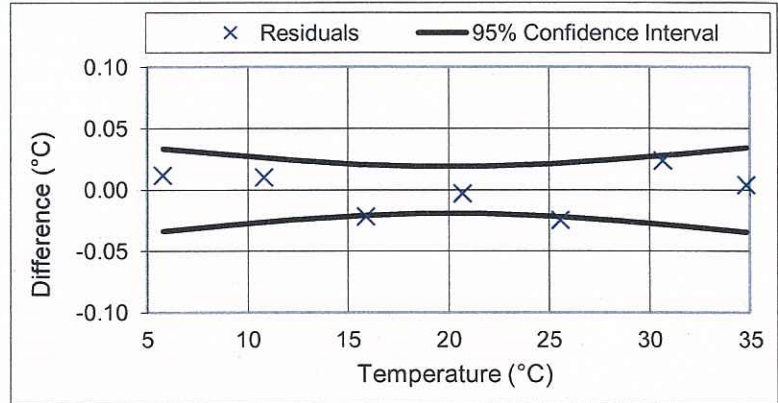
**CALIBRATION RECORD FOR TEMPERATURE/SALINITY/TURBIDITY SENSOR**

Instrument model: **YSI 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     |

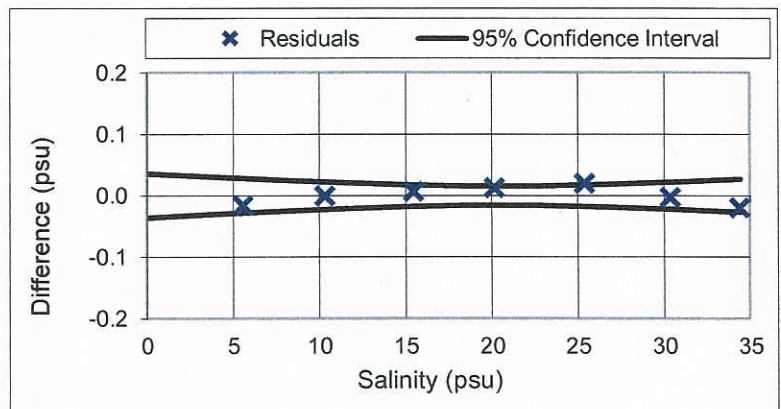
**TEMPERATURE CALIBRATION**

| 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  |



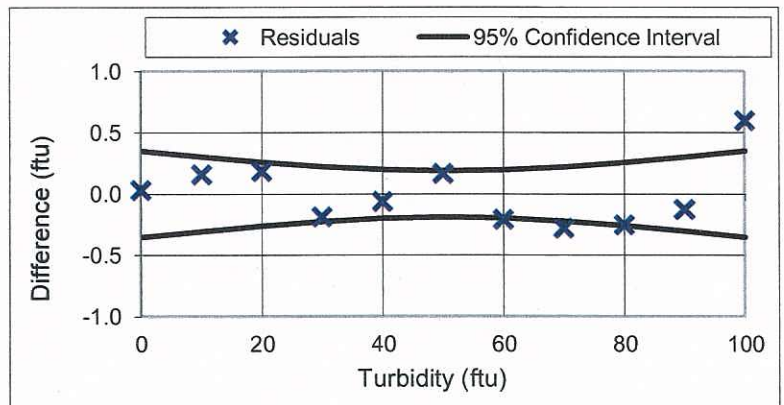
**SALINITY CALIBRATION**

| 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       |
| <b>PASS/FAIL CRITERION</b> | <b>0.1 PASS</b> | <b>0.2 PASS</b> | <b>1.0 PASS</b> |

|                      |            |              |          |                 |          |
|----------------------|------------|--------------|----------|-----------------|----------|
| Calibration Engineer | Ricky Wong | Geoscientist | R E Hale | Senior Engineer | Sunny Hu |
|----------------------|------------|--------------|----------|-----------------|----------|





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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428010)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-001  | SB-WFA 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.17            | 0.16             | 6.1     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428011)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-021  | NM6 103 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.26            | 0.28             | 7.4     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428012)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-031  | SB-WFB 201 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428013)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-051  | NM3 203 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.22            | 0.21             | 4.6     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428014)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-081  | NM1 303 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.16            | 0.16             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428015)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-101  | WSR46 102 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428016)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.14            | 0.14             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428017)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-141  | THB1 203 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.15            | 0.15             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428018)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-171  | SB-WFB 303 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428019)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-191  | SB-WFA 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.17            | 0.17             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428020)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.22            | 0.20             | 9.5     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428021)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.20            | 0.19             | 5.1     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428022)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.25            | 0.23             | 8.3     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428023)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-271  | NM1 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428024)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428156)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428158)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-031  | SB-WFB 201 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.04            | 0.04             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428160)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-041  | SB-WMA 202 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.05            | 0.05             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428162)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428164)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-081  | NM1 303 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428166)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-101  | WSR46 102 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.05            | 0.05             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428168)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-111  | SB-WNBA 103 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428170)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-141  | THB1 203 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428172)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-171  | SB-WFB 303 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.05            | 0.05             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428174)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-181  | NM6 101 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428176)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-191  | SB-WFA 102 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428178)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-231  | WSR45C 203 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428180)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-251  | SB-WNAB 302 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.05             | 18.2    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428182)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-261  | THB1 303 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428184)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219870-291  | NM2 103 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431319)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431320)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431320) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431321)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431322)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432194)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432195)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432195) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432196)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432197)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432203)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432204)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432204) - Continued</b> |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432205)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432206)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432213)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432214)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432214) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432215)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432216)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432217)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432218)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432218) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432219)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432220)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432221)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432222)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432222) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432223)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432224)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432225)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432226)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432226) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432227)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432228)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432229)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432230)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432230) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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 |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428010)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 100                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428011)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 98.9               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428012)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 101                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428013)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 101                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428014)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 99.4               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428015)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 101                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428016)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 99.4               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428017)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 99.9               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428018)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 103                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428019)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 104                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428020)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 100                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428021)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 110                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428022)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 112                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428023)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 103                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428024)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 106                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428156)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |



| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428156) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.6               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428158)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428160)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428162)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.7               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428164)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428166)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.4               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428168)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428170)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428172)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 98.3               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428174)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 96.4               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428176)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 96.6               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428178)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 97.0               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428180)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 97.4               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428182)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 97.0               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428184)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 97.0               | ---- | 85                  | 115  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431319)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431320)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431320) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431321)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 100                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431322)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432194)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 90.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432195)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432196)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 98.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432197)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432203)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 99.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432204)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |



| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432204) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432205)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432206)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432213)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432214)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432215)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 104                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432216)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432216) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432217)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 104                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432218)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432219)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 98.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432220)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432221)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 102                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432222)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432223)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 95.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432224)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432224) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432225)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 95.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432226)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432227)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432228)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432229)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432230)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432230) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428010)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-001  | SB-WFA 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 118                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428011)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-021  | NM6 103 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 123                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428012)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-031  | SB-WFB 201 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 93.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428013)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-051  | NM3 203 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428014)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-081  | NM1 303 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 117                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428015)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-101  | WSR46 102 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 91.7               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428016)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 86.2               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428017)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-141  | THB1 203 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 90.8               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428018)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-171  | SB-WFB 303 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 92.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428019)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-191  | SB-WFA 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 94.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428020)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 84.2               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428021)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 91.6               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428022)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 119                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428023)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-271  | NM1 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 101                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428024)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 95.7               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428156)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 111                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428158)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428160)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-041  | SB-WMA 202 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 107                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428162)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-061  | NM2 301 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428164)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-081  | NM1 303 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 92.2               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428166)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-101  | WSR46 102 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 105                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428168)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-111  | SB-WNBA 103 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428170)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-141  | THB1 203 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428172)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-171  | SB-WFB 303 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428174)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-181  | NM6 101 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428176)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-191  | SB-WFA 102 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428178)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-231  | WSR45C 203 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428180)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-251  | SB-WNAB 302 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428182)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-261  | THB1 303 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2428184)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-291  | NM2 103 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431319)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219870-001  | SB-WFA 101 MID-EBB    | EG036: Mercury       | 7439-97-6  | 0.2 µg/L  | 94.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431320)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431321)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-021  | NM6 103 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2431322)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432194)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-041  | SB-WMA 202 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432195)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432196)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-061  | NM2 301 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432197)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432203)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-081  | NM1 303 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432204)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432204) - Continued</b> |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432205)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-101  | WSR46 102 MID-EBB   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 76.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432206)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432213)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-123  | SB-WNBB 203 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 99.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432214)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432215)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-147  | SB-WNAB 103 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432216)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432217)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-173  | NM5 102 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432218)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432218) - Continued</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432219)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-193  | SB-WFA 201 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432220)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432221)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-213  | WSR46 203 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432222)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432223)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-233  | WSR45C 302 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432224)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432225)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432226)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432227)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-279  | NM1 303 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432228)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432229)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1219870-299  | NM3 102 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432230)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432001)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432003)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-011  | NM5 102 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432005)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-031  | SB-WFB 201 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.03            | 0.03             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432007)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-061  | NM2 301 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.04            | 0.04             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432009)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-081  | NM1 303 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432011)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-101  | WSR46 102 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432013)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-111  | SB-WNBA 103 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432015)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-163  | SB-WFB 101 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432017)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-171  | SB-WFB 303 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432019)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-191  | SB-WFA 102 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432021)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-211  | WSR46 201 MID-FLOOD   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.05            | 0.05             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432023)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-221  | SB-WNAA 202 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432025)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-231  | WSR45C 203 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432027)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-261  | THB1 303 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432029)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-291  | NM2 103 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432042)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-011  | NM5 102 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.16            | 0.16             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432043)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-021  | NM6 103 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.29            | 0.28             | 3.5     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432044)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1219994-041  | SB-WMA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.22            | 0.21             | 4.6     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432045)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432046)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1219994-061  | NM2 301 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.13            | 0.13             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432047)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1219994-111  | SB-WNBA 103 MID-EBB  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.24            | 0.23             | 4.2     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432048)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1219994-121  | SB-WNBB 201 MID-EBB  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.28            | 0.27             | 3.6     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432049)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1219994-141  | THB1 203 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.20            | 0.20             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432050)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1219994-163  | SB-WFB 101 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.13            | 0.13             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432051)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1219994-171  | SB-WFB 303 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.16            | 0.15             | 6.4     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432052)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1219994-211  | WSR46 201 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.16            | 0.16             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432053)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1219994-231  | WSR45C 203 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.20            | 0.21             | 4.9     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432054)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1219994-261  | THB1 303 MID-FLOOD   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.20            | 0.20             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432055)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1219994-271  | NM1 101 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432056)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1219994-291  | NM2 103 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.21            | 0.20             | 4.9     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432231)</b> |                      |                      |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432232)</b> |                      |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432232) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436524)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436525)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436526)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436527)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436527) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436530)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436531)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436532)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436533)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436533) - Continued</b> |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436538)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436539)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436540)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436541)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436541) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436544)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436545)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436546)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436547)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436547) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441700)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441701)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441702)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441703)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441703) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441705)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441706)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441707)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441708)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441708) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441710)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441711)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441712)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441713)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441713) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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 |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432001)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 97.6               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432003)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 97.4               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432005)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 105                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432007)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432009)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 106                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432011)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 106                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432013)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 111                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432015)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432017)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 108                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432019)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432021)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432023)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432025)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.4               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432027)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 105                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432029)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 109                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432042)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |



| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432042) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432043)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432044)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432045)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432046)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432047)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432048)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432049)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432050)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.6               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432051)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432052)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 103                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432053)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.2               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432054)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432055)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432056)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 102                | ---- | 87                  | 113  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432231)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 99.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432232)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432232) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436524)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 95.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436525)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436526)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 93.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436527)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436530)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 100                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436531)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436532)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436533)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |





| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436533) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436538)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436539)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436540)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436541)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436544)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436545)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436545) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG029: Silver  | 7440-22-4  | 1                        | µg/L | <1     | ----   | ----               | ---- | ----                | ---- | ----    | ----          |
| EG029: Zinc  | 7440-66-6  | 10                       | µg/L | <10    | 10 µg/L  | 106                | ---- | 90                  | 110  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436546)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436547)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441700)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 88.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441701)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441702)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 85.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441703)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441705)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 88.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441706)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441706) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441707)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 89.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441708)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441710)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441711)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441712)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 85.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441713)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441713) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432001)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 90.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432003)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-011  | NM5 102 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 92.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432005)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-031  | SB-WFB 201 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432007)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-061  | NM2 301 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432009)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-081  | NM1 303 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432011)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-101  | WSR46 102 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432013)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-111  | SB-WNBA 103 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432015)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-163  | SB-WFB 101 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432017)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-171  | SB-WFB 303 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432019)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-191  | SB-WFA 102 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432021)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-211  | WSR46 201 MID-FLOOD   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432023)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-221  | SB-WNAA 202 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432025)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-231  | WSR45C 203 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432027)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-261  | THB1 303 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432029)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-291  | NM2 103 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432042)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-011  | NM5 102 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432043)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432044)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-041  | SB-WMA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432045)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-051  | NM3 203 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 94.6               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432046)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-061  | NM2 301 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 99.8               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432047)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-111  | SB-WNBA 103 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 123                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432048)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 115                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432049)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 109                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432050)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-163  | SB-WFB 101 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 92.9               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432051)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-221  | SB-WNAA 202 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 93.6               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432052)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-211  | WSR46 201 MID-FLOOD   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 91.4               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432053)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 88.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432054)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 92.7               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432055)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-271  | NM1 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 93.1               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2432056)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-291  | NM2 103 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 87.7               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432231)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1219994-001  | SB-WFA 101 MID-EBB    | EG036: Mercury       | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2432232)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436524)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-021  | NM6 103 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436525)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436526)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-041  | SB-WMA 202 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436527)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436530)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-061  | NM2 301 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436531)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436532)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-081  | NM1 303 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 99.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436533)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436533) - Continued</b> |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436538)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-101  | WSR46 102 MID-EBB   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436539)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436540)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-123  | SB-WNBB 203 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436541)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436544)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-147  | SB-WNAB 103 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436545)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436546)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-173  | NM5 102 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 99.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436547)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2436547) - Continued</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441700)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-193  | SB-WFA 201 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 97.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441701)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441702)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-213  | WSR46 203 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441703)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441705)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-233  | WSR45C 302 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441706)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441707)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441708)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441710)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-279  | NM1 303 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441711)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441712)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1219994-299  | NM3 102 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441713)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437819)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437821)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-021  | NM6 103 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437823)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-031  | SB-WFB 201 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437825)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-041  | SB-WMA 202 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437827)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-061  | NM2 301 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437829)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-071  | SB-WMB 302 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437831)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-091  | WSR45C 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437833)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-151  | SB-WNAB 301 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437835)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-161  | THB2 302 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437837)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-171  | SB-WFB 303 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.14            | 0.14             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437839)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-181  | NM6 101 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.15            | 0.15             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437841)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-191  | SB-WFA 102 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437843)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-201  | SB-WNBA 103 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437845)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-231  | WSR45C 203 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437847)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-241  | SB-WNBB 301 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437895)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-011  | NM5 102 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.12            | 0.11             | 8.7     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437897)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-021  | NM6 103 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437898)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-041  | SB-WMA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.11            | 0.10             | 9.5     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437899)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437900)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-071  | SB-WMB 302 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437901)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-101  | WSR46 102 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437902)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437903)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-151  | SB-WNAB 301 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437904)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-171  | SB-WFB 303 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.11            | 0.10             | 9.5     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437905)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-191  | SB-WFA 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.14            | 0.13             | 7.4     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437906)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437907)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-221  | SB-WNAA 202 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437908)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-251  | SB-WNAB 302 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.14            | 0.14             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437909)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437910)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220165-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441715)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441716)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441716) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441717)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441718)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441723)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441725)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441725) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441726)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441727)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441732)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441733)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441733) - Continued</b> |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441734)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441735)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441745)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441746)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441746) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441747)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441748)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441751)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441752)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441752) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441753)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441754)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
|  |                       | EG029: Zinc      | 7440-66-6  | 10                                | µg/L | <10             | <10              | 0.0     |
| HK1220165-203  | 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444715)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| HK1220165-214  | WSR46 301 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.05                              | µg/L | <0.05           | <0.05            | 0.0     |
| HK1220165-223  | SB-WNAA 301 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.05                              | µg/L | <0.05           | <0.05            | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444716)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| HK1220165-214  | 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     |
| HK1220165-223  | 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 | 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444716) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444717)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444718)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444724) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444725)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444726)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444730)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444731)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444731) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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 |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437819)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 98.6               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437821)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 106                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437823)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 108                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437825)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 110                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437827)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437829)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 103                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437831)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437833)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 105                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437835)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 94.0               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437837)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.4               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437839)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437841)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 114                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437843)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 106                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437845)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 108                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437847)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437895)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |



| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437895) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 103                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437897)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 102                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437898)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.3               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437899)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437900)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.7               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437901)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.5               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437902)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.3               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437903)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 102                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437904)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437905)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437906)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437907)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.3               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437908)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.2               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437909)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.2               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437910)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 102                | ---- | 87                  | 113  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441715)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 97.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441716)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441716) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441717)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 91.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441718)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441723)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 93.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441725)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441726)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441727)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441732)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 98.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441733)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |



| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441733) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441734)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 93.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441735)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441745)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 95.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441746)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441747)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441748)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441748) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441751)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 91.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441752)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441753)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 91.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441754)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444715)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 95.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444716)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444717)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444718)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444718) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444723)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444724)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444725)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 103                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444726)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444730)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 86.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444731)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444731) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437819)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437821)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-021  | NM6 103 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437823)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-031  | SB-WFB 201 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437825)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-041  | SB-WMA 202 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437827)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-061  | NM2 301 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437829)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-071  | SB-WMB 302 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437831)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-091  | WSR45C 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437833)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-151  | SB-WNAB 301 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437835)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-161  | THB2 302 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437837)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-171  | SB-WFB 303 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437839)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-181  | NM6 101 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437841)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-191  | SB-WFA 102 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437843)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-201  | SB-WNBA 103 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437845)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-231  | WSR45C 203 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 116                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437847)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-241  | SB-WNBB 301 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 118                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437895)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-001  | SB-WFA 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 92.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437897)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437898)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-041  | SB-WMA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 113                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437899)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-061  | NM2 301 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 92.7               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437900)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-071  | SB-WMB 302 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 98.4               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437901)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-101  | WSR46 102 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 115                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437902)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437903)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-151  | SB-WNAB 301 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 117                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437904)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-171  | SB-WFB 303 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 92.1               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437905)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-181  | NM6 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 79.8               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437906)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 87.9               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437907)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437908)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-251  | SB-WNAB 302 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 96.1               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437909)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 88.4               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437910)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 92.3               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441715)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220165-001  | SB-WFA 101 MID-EBB    | EG036: Mercury       | 7439-97-6  | 0.2 µg/L  | 98.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441716)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441717)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-021  | NM6 103 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441718)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441723)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-041  | SB-WMA 202 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441725)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441726)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-061  | NM2 301 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 94.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441727)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441732)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-081  | NM1 303 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441733)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441733) - Continued</b> |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441734)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-101  | WSR46 102 MID-EBB   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441735)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441745)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-123  | SB-WNBB 203 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441746)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441747)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-147  | SB-WNAB 103 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441748)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441751)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-173  | NM5 102 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441752)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441752) - Continued</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441753)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-193  | SB-WFA 201 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2441754)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444715)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-213  | WSR46 203 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444716)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444717)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-233  | WSR45C 302 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444718)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444723)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444724)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444725)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-279  | NM1 303 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444726)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444730)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220165-299  | NM3 102 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444731)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437861)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-001  | SB-WFA 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437863)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-011  | NM5 102 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437865)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-021  | NM6 103 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437867)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-031  | SB-WFB 201 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437869)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-041  | SB-WMA 202 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437871)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-051  | NM3 203 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437873)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-061  | NM2 301 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437875)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-071  | SB-WMB 302 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437877)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-091  | WSR45C 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437879)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-101  | WSR46 102 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.13             | 8.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437881)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-171  | SB-WFB 303 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.13            | 0.13             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437883)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-181  | NM6 101 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.16            | 0.16             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437885)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-191  | SB-WFA 102 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437887)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-211  | WSR46 201 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437889)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-231  | WSR45C 203 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438918)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-001  | SB-WFA 101 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438919)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-011  | NM5 102 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438920)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220471-041  | SB-WMA 202 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438921)</b> |                      |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438922)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220471-071  | SB-WMB 302 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438923)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220471-111  | SB-WNBA 103 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.02            | 0.02             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438924)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220471-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.02            | 0.02             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438925)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220471-131  | SB-WNAA 202 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438926)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220471-171  | SB-WFB 303 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.07             | 15.4    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438927)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220471-181  | NM6 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438928)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220471-211  | WSR46 201 MID-FLOOD   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.05            | 0.04             | 22.2    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438929)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220471-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.05            | 0.04             | 22.2    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438930)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220471-251  | SB-WNAB 302 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.01            | 0.01             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438931)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220471-281  | SB-WMB 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.02            | 0.02             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438932)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220471-241  | SB-WNBB 301 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.03            | 0.03             | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444732)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444733)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444733) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444734)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444735)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444736)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444737)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444737) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448441)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448442)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448444)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448445)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448445) - Continued</b> |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448449)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448450)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448451)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448452)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448452) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448479)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448481)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448482)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448483)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448483) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448496)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448497)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448498)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448499)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448499) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448504)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448505)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
|  |                       | EG029: Cadmium   | 7440-43-9  | 0.2                               | µg/L | <0.2            | <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     |
| HK1220471-269  | 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     |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448507) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448515)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448516)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448517)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448518)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448518) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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 |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437861)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437863)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437865)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437867)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437869)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 111                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437871)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 106                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437873)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 112                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437875)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 105                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437877)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 106                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437879)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 102                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437881)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437883)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 102                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437885)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 106                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437887)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437889)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438918)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |



| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438918) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438919)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438920)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 107                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438921)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438922)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 102                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438923)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438924)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438925)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.3               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438926)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.2               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438927)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 97.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438928)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.9               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438929)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438930)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 97.9               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438931)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 97.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438932)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 96.7               | ---- | 87                  | 113  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444732)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444733)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444733) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444734)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444735)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444736)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 95.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444737)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448441)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448442)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448444)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 86.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448445)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |



| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448445) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448449)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 88.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448450)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448451)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448452)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448479)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 90.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448481)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448481) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG029: Silver  | 7440-22-4  | 1                        | µg/L | <1     | ----   | ----               | ---- | ----                | ---- | ----    | ----          |
| EG029: Zinc  | 7440-66-6  | 10                       | µg/L | <10    | 10 µg/L  | 105                | ---- | 90                  | 110  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448482)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 90.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448483)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448496)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 85.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448497)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448498)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 90.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448499)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448504)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 98.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448505)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448505) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448506)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 99.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448507)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448515)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 89.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448516)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448517)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 89.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448518)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448518) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437861)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-001  | SB-WFA 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437863)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-011  | NM5 102 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437865)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-021  | NM6 103 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437867)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-031  | SB-WFB 201 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437869)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-041  | SB-WMA 202 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437871)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-051  | NM3 203 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437873)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-061  | NM2 301 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437875)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-071  | SB-WMB 302 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437877)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-091  | WSR45C 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437879)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-101  | WSR46 102 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 118                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437881)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-171  | SB-WFB 303 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437883)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-181  | NM6 101 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437885)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-191  | SB-WFA 102 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437887)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-211  | WSR46 201 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2437889)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-231  | WSR45C 203 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438918)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-001  | SB-WFA 101 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 95.6               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438919)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438920)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-041  | SB-WMA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 93.4               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438921)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-051  | NM3 203 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438922)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-101  | WSR46 102 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 93.4               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438923)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-111  | SB-WNBA 103 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 109                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438924)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438925)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-131  | SB-WNA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 89.1               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438926)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-171  | SB-WFB 303 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 98.8               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438927)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-181  | NM6 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 92.2               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438928)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-211  | WSR46 201 MID-FLOOD   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 107                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438929)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 91.4               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438930)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-251  | SB-WNAB 302 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 85.2               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438931)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2438932)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-241  | SB-WNBB 301 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 90.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444732)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220471-001  | SB-WFA 101 MID-EBB    | EG036: Mercury       | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444733)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444734)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-021  | NM6 103 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444735)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444736)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-041  | SB-WMA 202 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2444737)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448441)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-061  | NM2 301 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448442)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448444)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-081  | NM1 303 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448445)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448445) - Continued</b> |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448449)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-101  | WSR46 102 MID-EBB   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448450)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448451)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-123  | SB-WNBB 203 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448452)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448479)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-147  | SB-WNAB 103 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448481)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448482)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-173  | NM5 102 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448483)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448483) - Continued</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448496)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-193  | SB-WFA 201 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448497)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448498)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-213  | WSR46 203 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448499)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448504)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-233  | WSR45C 302 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 99.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448505)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448506)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448507)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448515)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-279  | NM1 303 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 99.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448516)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448517)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220471-299  | NM3 102 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 95.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2448518)</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442686)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-051  | NM3 203 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.14            | 0.14             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442688)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-061  | NM2 301 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442691)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-111  | SB-WNBA 103 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442693)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-071  | SB-WMB 302 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442695)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-081  | NM1 303 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442697)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-091  | WSR45C 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442699)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-101  | WSR46 102 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442701)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-121  | SB-WNBB 201 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442703)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-131  | SB-WNAA 202 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442705)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-141  | THB1 203 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442707)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-151  | SB-WNAB 301 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442709)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-161  | THB2 302 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442711)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-171  | SB-WFB 303 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442713)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-271  | NM1 101 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442715)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-291  | NM2 103 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444562)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-001  | SB-WFA 101 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444563)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-021  | NM6 103 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444564)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1220607-041  | SB-WMA 202 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444565)</b> |                      |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444566)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220607-081  | NM1 303 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444567)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220607-101  | WSR46 102 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444568)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220607-111  | SB-WNBA 103 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.13            | 0.13             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444569)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220607-141  | THB1 203 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.04            | 0.04             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444570)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220607-161  | THB2 302 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.38            | 0.36             | 5.4     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444574)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220607-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444576)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220607-211  | WSR46 201 MID-FLOOD   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.08             | 13.3    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444579)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220607-237  | SB-WNBB 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.16            | 0.15             | 6.4     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444580)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220607-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.07             | 13.3    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444581)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220607-291  | NM2 103 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444582)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220607-281  | SB-WMB 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.08             | 13.3    |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452764)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452765)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452765) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452766)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452767)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452768)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452769)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452769) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452773)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452774)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452775)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452776)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452776) - Continued</b> |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452777)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452778)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452779)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452780)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452780) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452781)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452782)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452783)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452784)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452784) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452785)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452786)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452787)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452788)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452788) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452789)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452790)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452791)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452792)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452792) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452793)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452794)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452795)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452796)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452796) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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 |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442686)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 97.6               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442688)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.0               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442691)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 111                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442693)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 98.8               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442695)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 97.0               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442697)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 95.6               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442699)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.8               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442701)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 106                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442703)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442705)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 105                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442707)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 103                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442709)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442711)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 98.6               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442713)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 103                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442715)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.4               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444562)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |



| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444562) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 105                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444563)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 106                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444564)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 103                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444565)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.9               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444566)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444567)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 107                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444568)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 107                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444569)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.9               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444570)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 105                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444574)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444576)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 105                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444579)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444580)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444581)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444582)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 106                | ---- | 87                  | 113  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452764)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 102                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452765)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452765) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452766)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 104                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452767)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452768)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 91.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452769)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452773)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452774)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452775)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452776)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |



| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452776) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452777)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 103                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452778)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452779)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 102                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452780)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452781)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 102                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452782)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452782) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452783)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 91.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452784)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452785)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452786)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452787)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452788)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452789)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452790)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452790) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452791)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 97.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452792)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452793)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 103                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452794)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452795)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452796)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452796) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442686)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-051  | NM3 203 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442688)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-061  | NM2 301 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442691)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-111  | SB-WNBA 103 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442693)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-071  | SB-WMB 302 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442695)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-081  | NM1 303 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442697)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-091  | WSR45C 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442699)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-101  | WSR46 102 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442701)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-121  | SB-WNBB 201 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442703)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-131  | SB-WNAA 202 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442705)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-141  | THB1 203 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442707)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-151  | SB-WNAB 301 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442709)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-161  | THB2 302 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442711)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-171  | SB-WFB 303 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442713)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-271  | NM1 101 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2442715)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-291  | NM2 103 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444562)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-055  | NM2 101 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 113                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444563)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444564)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-041  | SB-WMA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 92.3               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444565)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-051  | NM3 203 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 91.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444566)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-081  | NM1 303 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444567)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-101  | WSR46 102 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 96.8               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444568)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-111  | SB-WNBA 103 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 123                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444569)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-141  | THB1 203 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 82.6               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444570)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-146  | SB-WNAB 102 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444574)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444576)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-279  | NM1 303 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 119                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444579)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444580)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 97.9               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444581)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-291  | NM2 103 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 118                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2444582)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-281  | SB-WMB 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 111                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452764)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220607-001  | SB-WFA 101 MID-EBB    | EG036: Mercury       | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452765)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452765) - Continued</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-001  | SB-WFA 101 MID-EBB | EG029: Zinc      | 7440-66-6  | 10 µg/L   | 89.4               | ---- | 80                  | 120  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452766)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-021  | NM6 103 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452767)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452768)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-041  | SB-WMA 202 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 105                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452769)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452773)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-061  | NM2 301 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 105                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452774)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452775)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-081  | NM1 303 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 99.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452776)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |



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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452776) - Continued</b> |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452777)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-101  | WSR46 102 MID-EBB   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 105                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452778)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452779)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-123  | SB-WNBB 203 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 105                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452780)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452781)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-147  | SB-WNAB 103 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452782)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452782) - Continued</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452783)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-173  | NM5 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452784)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452785)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-193  | SB-WFA 201 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452786)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452787)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-213  | WSR46 203 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452788)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452789)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-233  | WSR45C 302 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452790)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452791)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-258  | THB1 203 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 93.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452792)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452793)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-279  | NM1 303 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452794)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452795)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220607-299  | NM3 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452796)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2452796) - Continued</b> |                   |                  |            |                     |                    |      |                     |      |         |               |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446095)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-001  | SB-WFA 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.09             | 11.8    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446096)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-011  | NM5 102 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446097)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-041  | SB-WMA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446098)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-061  | NM2 301 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446099)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-081  | NM1 303 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.05            | 0.05             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446100)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-111  | SB-WNBA 103 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446101)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.06             | 15.4    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446102)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-148  | SB-WNAB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446103)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-171  | SB-WFB 303 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.05            | 0.06             | 18.2    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446104)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-191  | SB-WFA 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.09            | 0.10             | 10.5    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446105)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.17            | 0.19             | 11.1    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446106)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-221  | SB-WNAA 202 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.15            | 0.13             | 14.3    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446107)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.12            | 0.11             | 8.7     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446108)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-271  | NM1 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446109)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447360)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447362)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-011  | NM5 102 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447364)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-021  | NM6 103 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.13            | 0.13             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447366)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447368)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-051  | NM3 203 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.13            | 0.13             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447370)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-061  | NM2 301 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447372)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-071  | SB-WMB 302 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447374)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-091  | WSR45C 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447376)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-101  | WSR46 102 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447378)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-111  | SB-WNBA 103 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447380)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-201  | SB-WNBA 103 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447382)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-211  | WSR46 201 MID-FLOOD   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447384)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-221  | SB-WNAA 202 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447386)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-261  | THB1 303 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.12             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447388)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1220816-271  | NM1 101 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.05            | 0.05             | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456944)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456945)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456945) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456946)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456947)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456948)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456949)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456949) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456950)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456951)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456952)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456953)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456953) - Continued</b> |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456954)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456955)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456962)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456963)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456963) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456964)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456965)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456966)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456967)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456967) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456970)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456971)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
|  |                       | EG029: Zinc      | 7440-66-6  | 10                                | µg/L | <10             | <10              | 0.0     |
| HK1220816-203  | 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 | 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 | 20              | 16               | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456972)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| HK1220816-214  | WSR46 301 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.05                              | µg/L | <0.05           | <0.05            | 0.0     |
| HK1220816-223  | SB-WNAA 301 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.05                              | µg/L | <0.05           | <0.05            | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456973)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| HK1220816-214  | 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              | 15               | 6.9     |
| HK1220816-223  | 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 | 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456973) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456974)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456975)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456976)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456977)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456977) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456978)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456979)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456980)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456981)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456981) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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 |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446095)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 106                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446096)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 104                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446097)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 99.2               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446098)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 102                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446099)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 103                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446100)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 98.8               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446101)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 105                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446102)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 105                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446103)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 99.6               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446104)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 98.0               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446105)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 97.7               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446106)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 96.7               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446107)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 102                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446108)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 99.8               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446109)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 100                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447360)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |



| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447360) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 113                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447362)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 96.6               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447364)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 113                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447366)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 99.6               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447368)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 103                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447370)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 104                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447372)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 99.4               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447374)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 98.2               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447376)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 103                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447378)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 101                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447380)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 103                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447382)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 104                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447384)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 104                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447386)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 99.4               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447388)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 107                | ---- | 85                  | 115  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456944)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 95.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456945)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456945) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456946)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 104                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456947)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456948)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456949)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456950)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456951)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456952)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 102                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456953)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |





| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456953) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456954)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 93.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456955)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456962)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456963)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456964)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456965)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456965) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456966)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 85.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456967)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456970)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456971)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456972)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 105                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456973)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456974)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 86.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456975)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456975) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456976)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 90.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456977)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456978)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456979)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456980)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 106                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456981)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |                    |      |                     |      |         |               |
|--|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|---------|---------------|
|  |            | LOR                      | Unit | Result | Spike Concentration  | Spike Recovery (%) |      | Recovery Limits (%) |      | RPD (%) |               |
| Method: Compound   | CAS Number |                          |      |        |  | LCS                | DCS  | Low                 | High | Value   | Control Limit |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456981) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446095)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-001  | SB-WFA 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 116                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446096)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-021  | NM6 103 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 117                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446097)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-151  | SB-WNAB 301 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 123                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446098)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-161  | THB2 302 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 80.6               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446099)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-105  | WSR46 203 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 97.2               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446100)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-111  | SB-WNBA 103 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446101)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446102)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-148  | SB-WNAB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 101                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446103)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446104)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-191  | SB-WFA 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 77.8               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446105)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-211  | WSR46 201 MID-FLOOD   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446106)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 83.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446107)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 88.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446108)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-271  | NM1 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 101                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2446109)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 93.8               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447360)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447362)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447364)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-021  | NM6 103 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447366)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-031  | SB-WFB 201 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447368)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-051  | NM3 203 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447370)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-061  | NM2 301 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447372)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-071  | SB-WMB 302 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447374)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-091  | WSR45C 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447376)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-101  | WSR46 102 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447378)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-111  | SB-WNBA 103 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447380)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-201  | SB-WNBA 103 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447382)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-211  | WSR46 201 MID-FLOOD   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447384)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-221  | SB-WNAA 202 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447386)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-261  | THB1 303 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2447388)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-271  | NM1 101 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456944)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1220816-001  | SB-WFA 101 MID-EBB    | EG036: Mercury       | 7439-97-6  | 0.2 µg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456945)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456945) - Continued</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-001  | SB-WFA 101 MID-EBB | EG029: Zinc      | 7440-66-6  | 10 µg/L   | 94.7               | ---- | 80                  | 120  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456946)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-021  | NM6 103 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 90.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456947)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456948)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-041  | SB-WMA 202 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 96.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456949)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456950)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-061  | NM2 301 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 85.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456951)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456952)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-081  | NM1 303 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456953)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |





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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456953) - Continued</b> |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456954)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-101  | WSR46 102 MID-EBB   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 85.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456955)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456962)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-123  | SB-WNBB 203 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 99.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456963)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456964)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-147  | SB-WNAB 103 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 84.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456965)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456965) - Continued</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456966)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-173  | NM5 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 85.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456967)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456970)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-193  | SB-WFA 201 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456971)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456972)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-213  | WSR46 203 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456973)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456974)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-233  | WSR45C 302 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 91.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456975)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456976)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-258  | THB1 203 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 94.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456977)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456978)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-279  | NM1 303 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456979)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456980)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1220816-299  | NM3 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 86.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456981)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2456981) - Continued</b> |                   |                  |            |                     |                    |      |                     |      |         |               |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448530)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448532)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-011  | NM5 102 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448534)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-021  | NM6 103 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.10             | 10.5    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448536)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-031  | SB-WFB 201 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.10             | 10.5    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448538)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-041  | SB-WMA 202 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448540)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-051  | NM3 203 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.10             | 10.5    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448542)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-074  | NM1 102 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448544)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-097  | WSR45C 301 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.07             | 15.4    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448546)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-127  | SB-WNAA 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448548)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-151  | SB-WNAB 301 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448550)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-161  | THB2 302 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.02            | 0.02             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448552)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-171  | SB-WFB 303 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448554)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-181  | NM6 101 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448556)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-201  | SB-WNBA 103 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448558)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-211  | WSR46 201 MID-FLOOD   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449611)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-013  | NM5 201 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.07             | 13.3    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449612)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-011  | NM5 102 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.08             | 13.3    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449613)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221054-039  | SB-WMA 103 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449614)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449615)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221054-038  | SB-WMA 102 MID-EBB  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449616)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221054-034  | SB-WFB 301 MID-EBB  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449617)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221054-028  | SB-WFB 101 MID-EBB  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449618)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221054-051  | NM3 203 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449619)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221054-076  | NM1 201 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.02            | 0.02             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449620)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221054-101  | WSR46 102 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449621)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221054-111  | SB-WNBA 103 MID-EBB | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449622)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221054-151  | SB-WNAB 301 MID-EBB | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449623)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221054-271  | NM1 101 MID-FLOOD   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449624)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221054-141  | THB1 203 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449625)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221054-274  | NM1 201 MID-FLOOD   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467283)</b> |                     |                      |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467284)</b> |                     |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467284) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467285)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467286)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467287)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467288)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467288) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467347)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467348)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467349)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467350)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467350) - Continued</b> |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467351)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467352)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468090)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468091)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468091) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468092)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468093)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468097)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468098)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468098) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468099)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468100)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468102)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468103)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468103) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468104)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468105)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468112)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468113)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468113) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468114)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468115)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468117)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468118)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468118) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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 |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448530)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 97.2               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448532)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 98.4               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448534)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 97.0               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448536)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.6               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448538)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448540)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448542)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.4               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448544)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.8               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448546)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 105                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448548)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.2               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448550)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 106                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448552)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448554)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.8               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448556)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448558)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.4               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449611)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |





| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449611) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.7               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449612)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.5               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449613)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 106                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449614)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 106                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449615)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449616)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449617)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449618)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449619)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449620)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.4               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449621)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 97.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449622)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449623)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.5               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449624)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449625)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 97.7               | ---- | 87                  | 113  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467283)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 85.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467284)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467284) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467285)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 88.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467286)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467287)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467288)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467347)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 85.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467348)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467349)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 88.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467350)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |



| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467350) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467351)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467352)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468090)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 89.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468091)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468092)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 83.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468093)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468093) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468097)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468098)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468099)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 89.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468100)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468102)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 91.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468103)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468104)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 110                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468105)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468105) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468112)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 114                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468113)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468114)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468115)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468117)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 108                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468118)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468118) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448530)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448532)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-011  | NM5 102 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448534)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-021  | NM6 103 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448536)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-031  | SB-WFB 201 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 94.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448538)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-041  | SB-WMA 202 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448540)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-051  | NM3 203 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448542)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-074  | NM1 102 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 92.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448544)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-097  | WSR45C 301 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 94.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448546)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-127  | SB-WNAA 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448548)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-151  | SB-WNAB 301 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448550)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-161  | THB2 302 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448552)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-171  | SB-WFB 303 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448554)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-181  | NM6 101 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448556)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-201  | SB-WNBA 103 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2448558)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-211  | WSR46 201 MID-FLOOD   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449611)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-010  | NM5 101 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449612)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449613)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-051  | NM3 203 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 83.7               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449614)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-081  | NM1 303 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449615)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449616)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-101  | WSR46 102 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 119                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449617)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-111  | SB-WNBA 103 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449618)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-131  | SB-WNAA 202 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 117                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449619)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-151  | SB-WNAB 301 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 97.4               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449620)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-141  | THB1 203 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 81.2               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449621)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-161  | THB2 302 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 123                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449622)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-073  | NM1 101 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 93.1               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449623)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449624)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-251  | SB-WNAB 302 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2449625)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 101                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467283)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221054-001  | SB-WFA 101 MID-EBB    | EG036: Mercury       | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467284)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467284) - Continued</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-001  | SB-WFA 101 MID-EBB | EG029: Zinc      | 7440-66-6  | 10 µg/L   | 81.6               | ---- | 80                  | 120  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467285)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-021  | NM6 103 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467286)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467287)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-041  | SB-WMA 202 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467288)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467347)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-061  | NM2 301 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467348)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467349)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-081  | NM1 303 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467350)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |



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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467350) - Continued</b> |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467351)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-101  | WSR46 102 MID-EBB   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2467352)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468090)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-123  | SB-WNBB 203 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468091)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468092)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-147  | SB-WNAB 103 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468093)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468093) - Continued</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468097)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-173  | NM5 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 101                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468098)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468099)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-193  | SB-WFA 201 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468100)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468102)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-213  | WSR46 203 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 105                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468103)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468104)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-233  | WSR45C 302 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468105)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468112)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-258  | THB1 203 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468113)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468114)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-279  | NM1 303 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 105                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468115)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468117)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221054-299  | NM3 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468118)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2468118) - Continued</b> |                   |                  |            |                     |                    |      |                     |      |         |               |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454078)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-001  | SB-WFA 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.10            | 0.09             | 10.5    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454079)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-011  | NM5 102 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454080)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-021  | NM6 103 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454081)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-041  | SB-WMA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.02            | 0.02             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454082)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-087  | MW1 203 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454083)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-092  | WSR45C 102 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.24            | 0.26             | 8.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454084)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-101  | WSR46 102 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.13            | 0.14             | 7.4     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454085)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-141  | THB1 203 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454086)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-171  | SB-WFB 303 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454087)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-191  | SB-WFA 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.01            | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454088)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454089)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.10             | 22.2    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454090)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454091)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-271  | NM1 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454092)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-291  | NM2 103 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454541)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454543)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-011  | NM5 102 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454545)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221319-021  | NM6 103 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454547)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454549)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221319-041  | SB-WMA 202 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.08             | 11.8    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454551)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221319-051  | NM3 203 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454554)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221319-061  | NM2 301 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454556)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221319-071  | SB-WMB 302 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454558)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221319-081  | NM1 303 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454560)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221319-091  | WSR45C 101 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454562)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221319-101  | WSR46 102 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454564)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221319-111  | SB-WNBA 103 MID-EBB | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454566)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221319-121  | SB-WNBB 201 MID-EBB | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454569)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221319-131  | SB-WNAA 202 MID-EBB | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454571)</b> |                     |                      |            |                                   |      |                 |                  |         |
| HK1221319-141  | THB1 203 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469669)</b> |                     |                      |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469670)</b> |                     |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469670) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469671)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469672)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469673)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469674)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469674) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469675)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469676)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469677)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469678)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469678) - Continued</b> |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469679)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469680)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469681)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469682)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469682) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469683)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469684)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469685)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469686)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469686) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469687)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469688)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
|  |                       | EG029: Zinc      | 7440-66-6  | 10                                | µg/L | <10             | <10              | 0.0     |
| HK1221319-203  | 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469689)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| HK1221319-214  | WSR46 301 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.05                              | µg/L | <0.05           | <0.05            | 0.0     |
| HK1221319-223  | SB-WNAA 301 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.05                              | µg/L | <0.05           | <0.05            | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469690)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| HK1221319-214  | 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 | 11              | 10               | 9.9     |
| HK1221319-223  | 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469690) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469691)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469692)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| HK1221319-246  | 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     |
| HK1221319-259  | 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 | 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     |
| HK1221319-269  | 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     |
| HK1221319-269  | MW1 302 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469694) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469695)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469696)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469697)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469698)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469698) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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 |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454078)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 102                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454079)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 103                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454080)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 104                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454081)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 106                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454082)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 105                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454083)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 106                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454084)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 103                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454085)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 102                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454086)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 99.3               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454087)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 97.8               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454088)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 98.4               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454089)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 99.7               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454090)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 98.3               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454091)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 102                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454092)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 99.0               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454541)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |



| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454541) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 99.4               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454543)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 107                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454545)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 107                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454547)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 99.6               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454549)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 107                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454551)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 106                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454554)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 107                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454556)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 105                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454558)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 108                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454560)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 106                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454562)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 107                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454564)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 106                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454566)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 106                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454569)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 97.6               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454571)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 109                | ---- | 85                  | 115  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469669)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 97.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469670)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469670) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469671)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 86.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469672)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469673)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 91.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469674)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469675)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 90.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469676)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469677)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469678)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |



| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469678) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469679)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 105                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469680)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469681)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 85.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469682)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469683)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 91.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469684)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469684) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469685)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 93.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469686)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469687)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 93.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469688)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469689)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 102                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469690)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469691)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 86.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469692)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469692) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469693)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469694)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469695)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 91.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469696)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469697)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469698)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469698) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454078)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-311  | SB-WMA 202 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454079)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-051  | NM3 203 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454080)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-041  | SB-WMA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 120                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454081)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-161  | THB2 302 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 119                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454082)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-081  | NM1 303 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 120                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454083)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-092  | WSR45C 102 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 111                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454084)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-141  | THB1 203 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 120                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454085)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-146  | SB-WNAB 102 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 123                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454086)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-171  | SB-WFB 303 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 120                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454087)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-191  | SB-WFA 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454088)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 116                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454089)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 118                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454090)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 120                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454091)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-291  | NM2 103 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 109                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454092)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454541)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454543)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454545)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-021  | NM6 103 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 94.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454547)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-031  | SB-WFB 201 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454549)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-041  | SB-WMA 202 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454551)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-051  | NM3 203 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 90.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454554)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-061  | NM2 301 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 88.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454556)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-071  | SB-WMB 302 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454558)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-081  | NM1 303 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454560)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-091  | WSR45C 101 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454562)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-101  | WSR46 102 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454564)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-111  | SB-WNBA 103 MID-EBB | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454566)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-121  | SB-WNBB 201 MID-EBB | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454569)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-131  | SB-WNAA 202 MID-EBB | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 116                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2454571)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-141  | THB1 203 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 116                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469669)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| HK1221319-001  | SB-WFA 101 MID-EBB  | EG036: Mercury       | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469670)</b> |                     |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469670) - Continued</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-001  | SB-WFA 101 MID-EBB | EG029: Zinc      | 7440-66-6  | 10 µg/L   | 97.9               | ---- | 80                  | 120  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469671)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-021  | NM6 103 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469672)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469673)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-041  | SB-WMA 202 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469674)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469675)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-061  | NM2 301 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469676)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469677)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-081  | NM1 303 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469678)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |



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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469678) - Continued</b> |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469679)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-101  | WSR46 102 MID-EBB   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469680)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469681)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-123  | SB-WNBB 203 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 105                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469682)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469683)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-147  | SB-WNAB 103 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 96.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469684)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469684) - Continued</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469685)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-173  | NM5 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469686)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469687)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-193  | SB-WFA 201 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 101                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469688)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469689)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-213  | WSR46 203 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 93.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469690)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469691)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-233  | WSR45C 302 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469692)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469693)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-258  | THB1 203 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469694)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469695)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-279  | NM1 303 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469696)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469697)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221319-299  | NM3 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469698)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2469698) - Continued</b> |                   |                  |            |                     |                    |      |                     |      |         |               |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460212)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460214)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-021  | NM6 103 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460216)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-041  | SB-WMA 202 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460218)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-051  | NM3 203 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460220)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-061  | NM2 301 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460222)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-071  | SB-WMB 302 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460224)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-081  | NM1 303 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460226)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-091  | WSR45C 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.11            | 0.11             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460228)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-111  | SB-WNBA 103 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460232)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-121  | SB-WNBB 201 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460234)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-131  | SB-WNAA 202 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460236)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-151  | SB-WNAB 301 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460238)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-171  | SB-WFB 303 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460241)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-181  | NM6 101 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.13            | 0.13             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460243)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-201  | SB-WNBA 103 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460361)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-001  | SB-WFA 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.05            | 0.04             | 22.2    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460362)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-021  | NM6 103 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460363)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-031  | SB-WFB 201 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460364)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460365)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-071  | SB-WMB 302 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.03            | 0.03             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460366)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-091  | WSR45C 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.05            | 0.05             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460367)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-111  | SB-WNBA 103 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.03            | 0.03             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460368)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460369)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-141  | THB1 203 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.02            | 0.02             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460370)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-181  | NM6 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.04            | 0.04             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460371)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-191  | SB-WFA 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.04            | 0.05             | 22.2    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460372)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-251  | SB-WNAB 302 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460373)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460374)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-271  | NM1 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460375)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221572-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478132)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478134)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478134) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478135)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478136)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478137)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478138)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478138) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478143)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478144)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478145)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478146)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478146) - Continued</b> |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478147)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478148)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478149)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478150)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478150) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478151)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478152)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478153)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478154)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478154) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478168)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478169)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478170)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478171)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478171) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478172)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478173)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| HK1221572-259  | 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 | <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     |
| HK1221572-269  | 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     |
| HK1221572-269  | 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     |
|  |                       | EG029: Cadmium   | 7440-43-9  | 0.2                               | µg/L | <0.2            | <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     |



| Matrix: WATER  |                      |                  |            | Laboratory Duplicate (DUP) Report |      |                 |                  |         |
|--|----------------------|------------------|------------|-----------------------------------|------|-----------------|------------------|---------|
| Laboratory sample ID   | Client sample ID     | Method: Compound | CAS Number | LOR                               | Unit | Original Result | Duplicate Result | RPD (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478177) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478178)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478179)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478180)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478181)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478181) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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 |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460212)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 109                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460214)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 110                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460216)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 110                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460218)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 110                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460220)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 91.6               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460222)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 97.8               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460224)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 98.8               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460226)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 98.6               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460228)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.6               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460232)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460234)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.4               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460236)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460238)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 106                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460241)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460243)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 93.6               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460361)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |



| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460361) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 102                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460362)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 102                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460363)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 102                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460364)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460365)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460366)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460367)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460368)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460369)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 102                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460370)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.5               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460371)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.5               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460372)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 102                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460373)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460374)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460375)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478132)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 90.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478134)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478134) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478135)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 105                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478136)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478137)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478138)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478143)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 88.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478144)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478145)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 95.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478146)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |



| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478146) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478147)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 89.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478148)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478149)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 103                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478150)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478151)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478152)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478152) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478153)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 97.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478154)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478168)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478169)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478170)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478171)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478172)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 102                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478173)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478173) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478176)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 93.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478177)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478178)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 91.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478179)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478180)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 88.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478181)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |                    |      |                     |      |         |               |
|--|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|---------|---------------|
|  |            | LOR                      | Unit | Result | Spike Concentration  | Spike Recovery (%) |      | Recovery Limits (%) |      | RPD (%) |               |
| Method: Compound   | CAS Number |                          |      |        |  | LCS                | DCS  | Low                 | High | Value   | Control Limit |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478181) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460212)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 120                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460214)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-021  | NM6 103 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 118                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460216)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-041  | SB-WMA 202 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 116                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460218)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-051  | NM3 203 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 118                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460220)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-061  | NM2 301 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460222)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-071  | SB-WMB 302 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460224)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-081  | NM1 303 MID-EBB       | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460226)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-091  | WSR45C 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460228)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-111  | SB-WNBA 103 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 94.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460232)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-121  | SB-WNBB 201 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460234)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-131  | SB-WNAA 202 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460236)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-151  | SB-WNAB 301 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460238)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-171  | SB-WFB 303 MID-FLOOD  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 120                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460241)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-181  | NM6 101 MID-FLOOD     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460243)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-201  | SB-WNBA 103 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 118                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460361)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-001  | SB-WFA 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 92.8               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460362)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460363)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-031  | SB-WFB 201 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460364)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-041  | SB-WMA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 94.3               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460365)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-071  | SB-WMB 302 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 120                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460366)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-091  | WSR45C 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 116                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460367)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-111  | SB-WNBA 103 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460368)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 117                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460369)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-141  | THB1 203 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 80.4               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460370)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-181  | NM6 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 98.9               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460371)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-211  | WSR46 201 MID-FLOOD   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 93.3               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460372)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-251  | SB-WNAB 302 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460373)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 80.2               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460374)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-271  | NM1 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 113                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2460375)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 84.7               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478132)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221572-001  | SB-WFA 101 MID-EBB    | EG036: Mercury       | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478134)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478134) - Continued</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-001  | SB-WFA 101 MID-EBB | EG029: Zinc      | 7440-66-6  | 10 µg/L   | 109                | ---- | 80                  | 120  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478135)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-021  | NM6 103 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 99.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478136)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478137)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-041  | SB-WMA 202 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478138)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478143)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-061  | NM2 301 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478144)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478145)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-081  | NM1 303 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 90.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478146)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |



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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478146) - Continued</b> |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478147)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-101  | WSR46 102 MID-EBB   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 99.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478148)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478149)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-123  | SB-WNBB 203 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478150)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478151)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-147  | SB-WNAB 103 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 95.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478152)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478152) - Continued</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478153)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-173  | NM5 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 85.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478154)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478168)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-193  | SB-WFA 201 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478169)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478170)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-213  | WSR46 203 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478171)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478172)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-233  | WSR45C 302 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 89.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478173)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478176)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-258  | THB1 203 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478177)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478178)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-279  | NM1 303 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478179)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478180)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221572-299  | NM3 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478181)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478181) - Continued</b> |                   |                  |            |                     |                    |      |                     |      |         |               |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462304)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-001  | SB-WFA 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462306)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-011  | NM5 102 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.11             | 8.7     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462308)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-021  | NM6 103 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.11             | 8.7     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462310)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-031  | SB-WFB 201 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462312)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-041  | SB-WMA 202 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.07             | 13.3    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462314)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-051  | NM3 203 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.12            | 0.11             | 8.7     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462316)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-061  | NM2 301 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462318)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-071  | SB-WMB 302 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462320)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-081  | NM1 303 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.08             | 11.8    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462322)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-091  | WSR45C 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462324)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-101  | WSR46 102 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462326)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-121  | SB-WNBB 201 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.09             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462328)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-141  | THB1 203 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.09            | 0.10             | 10.5    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462330)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-163  | SB-WFB 101 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462332)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-181  | NM6 101 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.13            | 0.13             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462501)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-007  | SB-WFA 301 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462502)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-011  | NM5 102 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.09            | 0.08             | 11.8    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462503)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221881-051  | NM3 203 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462504)</b> |                      |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462505)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221881-071  | SB-WMB 302 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462506)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221881-091  | WSR45C 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462507)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221881-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.05            | 0.05             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462508)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221881-151  | SB-WNAB 301 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462509)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221881-171  | SB-WFB 303 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.05            | 0.05             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462510)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221881-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462511)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221881-221  | SB-WNAA 202 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.05             | 18.2    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462512)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221881-241  | SB-WNBB 301 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.08             | 13.3    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462513)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221881-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462514)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221881-271  | NM1 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.04            | 0.04             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462515)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221881-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.05            | 0.05             | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478192)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478193)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478193) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478194)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478195)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478196)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478197)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478197) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478202)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478203)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478205)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478206)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478206) - Continued</b> |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478207)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478208)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478210)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478211)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478211) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478213)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478214)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478215)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478216)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478216) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478221)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478222)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| HK1221881-203  | 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 | 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     |
| HK1221881-214  | 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 | 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     |
| HK1221881-223  | 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               | 1                | 0.0     |
|  |                       | EG029: Lead      | 7439-92-1  | 1                                 | µg/L | <1              | <1               | 0.0     |
| HK1221881-223  | 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478224) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478225)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478226)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| HK1221881-246  | 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     |
| HK1221881-259  | 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478229)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478230)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| HK1221881-269  | 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     |
| HK1221881-269  | 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478230) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478231)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478232)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478233)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478234)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478234) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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 |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462304)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 97.8               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462306)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 103                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462308)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462310)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.8               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462312)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 97.0               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462314)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 98.0               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462316)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 107                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462318)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 105                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462320)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 102                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462322)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 98.2               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462324)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 98.2               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462326)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 99.6               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462328)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 105                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462330)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 110                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462332)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 108                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462501)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |



| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462501) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.4               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462502)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 97.9               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462503)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 97.7               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462504)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462505)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.3               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462506)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.5               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462507)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.2               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462508)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462509)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 97.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462510)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 98.0               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462511)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 96.6               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462512)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 96.6               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462513)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 102                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462514)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462515)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 96.9               | ---- | 87                  | 113  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478192)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 104                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478193)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478193) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478194)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 89.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478195)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478196)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 88.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478197)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478202)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478203)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478205)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478206)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |



| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478206) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478207)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 98.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478208)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478210)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 104                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478211)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478213)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 103                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478214)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478214) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478215)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 101                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478216)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478221)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 102                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478222)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478223)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 88.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478224)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478225)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478226)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478226) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478229)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478230)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478231)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 91.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478232)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478233)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478234)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |                    |      |                     |      |         |               |
|--|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|---------|---------------|
|  |            |                          |      |        | Spike Concentration  | Spike Recovery (%) |      | Recovery Limits (%) |      | RPD (%) |               |
| Method: Compound   | CAS Number | LOR                      | Unit | Result |  | LCS                | DCS  | Low                 | High | Value   | Control Limit |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478234) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462304)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-001  | SB-WFA 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462306)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-011  | NM5 102 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462308)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-021  | NM6 103 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462310)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-031  | SB-WFB 201 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462312)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-041  | SB-WMA 202 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462314)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-051  | NM3 203 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462316)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-061  | NM2 301 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462318)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-071  | SB-WMB 302 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 114                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462320)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-081  | NM1 303 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462322)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-091  | WSR45C 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462324)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-101  | WSR46 102 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 90.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462326)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-121  | SB-WNBB 201 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462328)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-141  | THB1 203 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462330)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-163  | SB-WFB 101 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462332)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-181  | NM6 101 MID-FLOOD    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462501)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-101  | WSR46 102 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462502)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462503)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-051  | NM3 203 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 121                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462504)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-081  | NM1 303 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 96.6               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462505)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-071  | SB-WMB 302 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462506)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-091  | WSR45C 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 96.6               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462507)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-161  | THB2 302 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462508)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-151  | SB-WNAB 301 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 119                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462509)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-004  | SB-WFA 201 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462510)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462511)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-221  | SB-WNAA 202 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 121                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462512)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-241  | SB-WNBB 301 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 119                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462513)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-311  | SB-WMA 202 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 111                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462514)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-291  | NM2 103 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 116                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2462515)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-301  | NM3 201 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 116                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478192)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221881-001  | SB-WFA 101 MID-EBB    | EG036: Mercury       | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478193)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478193) - Continued</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-001  | SB-WFA 101 MID-EBB | EG029: Zinc      | 7440-66-6  | 10 µg/L   | 100                | ---- | 80                  | 120  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478194)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-021  | NM6 103 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478195)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478196)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-041  | SB-WMA 202 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 91.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478197)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478202)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-061  | NM2 301 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 86.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478203)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478205)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-081  | NM1 303 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 88.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478206)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |



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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478206) - Continued</b> |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478207)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-101  | WSR46 102 MID-EBB   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 93.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478208)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478210)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-123  | SB-WNBB 203 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478211)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478213)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-147  | SB-WNAB 103 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 87.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478214)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478214) - Continued</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478215)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-173  | NM5 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 86.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478216)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478221)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-193  | SB-WFA 201 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 82.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478222)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478223)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-213  | WSR46 203 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 93.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478224)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478225)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-233  | WSR45C 302 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478226)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478229)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-258  | THB1 203 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 85.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478230)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478231)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-279  | NM1 303 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 84.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478232)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478233)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221881-299  | NM3 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 82.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478234)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2478234) - Continued</b> |                   |                  |            |                     |                    |      |                     |      |         |               |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469160)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-001  | SB-WFA 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469161)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-011  | NM5 102 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469162)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-041  | SB-WMA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.03            | 0.03             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469163)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-003  | SB-WFA 103 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.02            | 0.02             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469164)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-111  | SB-WNBA 103 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.04            | 0.04             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469165)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-101  | WSR46 102 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.06             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469166)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-121  | SB-WNBB 201 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.02            | 0.02             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469167)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-141  | THB1 203 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.02            | 0.02             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469168)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-171  | SB-WFB 303 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.02            | 0.02             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469169)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-181  | NM6 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.04            | 0.04             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469170)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-251  | SB-WNAB 302 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469171)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.08            | 0.08             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469172)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.07             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469173)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-271  | NM1 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.07            | 0.06             | 15.4    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469174)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-281  | SB-WMB 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.06            | 0.05             | 18.2    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469368)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.18            | 0.18             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469370)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-011  | NM5 102 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.16            | 0.16             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469372)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1221984-051  | NM3 203 MID-EBB       | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.23            | 0.23             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469374)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469376)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221984-071  | SB-WMB 302 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.16            | 0.17             | 6.1     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469378)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221984-081  | NM1 303 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.22            | 0.22             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469380)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221984-091  | WSR45C 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.18            | 0.17             | 5.7     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469382)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221984-101  | WSR46 102 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.15            | 0.15             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469384)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221984-111  | SB-WNBA 103 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.18            | 0.17             | 5.7     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469386)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221984-121  | SB-WNBB 201 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.19            | 0.19             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469388)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221984-131  | SB-WNAA 202 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.13            | 0.13             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469390)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221984-141  | THB1 203 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.18            | 0.18             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469392)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221984-151  | SB-WNAB 301 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.17            | 0.17             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469394)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221984-161  | THB2 302 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.15            | 0.15             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469396)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1221984-171  | SB-WFB 303 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.14            | 0.14             | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479318)</b> |                      |                      |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479319)</b> |                      |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479319) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479320)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479322)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479324)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479325)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479325) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479334)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479335)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479336)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479337)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479337) - Continued</b> |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479338)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479339)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479340)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479341)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479341) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| HK1221984-134  | SB-WNA 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479342)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479343)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479344)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479345)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479345) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479346)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479347)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479348)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479349)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479349) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479350)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479351)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479352)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479353)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479353) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479354)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479355)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479356)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479357)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479357) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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 |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469160)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 106                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469161)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 106                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469162)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 105                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469163)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 106                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469164)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 106                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469165)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 105                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469166)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 105                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469167)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 101                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469168)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 100                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469169)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 102                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469170)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 100                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469171)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 99.5               | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469172)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 103                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469173)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 103                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469174)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01 | mg/L | <0.01                    | 0.5 mg/L            | 102                | ----   | 87                  | 113  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469368)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |



| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469368) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 102                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469370)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 105                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469372)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 105                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469374)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 99.5               | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469376)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 105                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469378)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 105                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469380)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 104                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469382)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 105                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469384)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 110                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469386)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 110                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469388)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 109                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469390)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 109                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469392)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 108                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469394)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 107                | ---- | 85                  | 115  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469396)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK057A: Nitrite as N   | ----       | 0.01                     | mg/L | <0.01  | 0.4 mg/L   | 107                | ---- | 85                  | 115  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479318)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 97.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479319)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479319) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479320)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 98.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479322)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479324)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 100                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479325)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479334)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 102                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479335)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479336)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479337)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |



| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479337) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479338)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479339)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479340)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 85.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479341)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479342)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479343)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479343) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479344)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 102                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479345)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479346)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 94.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479347)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479348)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 102                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479349)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479350)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 98.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479351)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479351) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479352)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 99.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479353)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479354)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479355)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479356)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479357)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479357) - Continued</b> |  |                          |     |      |  |                     |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469160)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-001  | SB-WFA 101 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 117                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469161)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-021  | NM6 103 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 120                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469162)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-039  | SB-WMA 103 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 96.8               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469163)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-003  | SB-WFA 103 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 90.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469164)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-111  | SB-WNBA 103 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 118                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469165)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-101  | WSR46 102 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 91.8               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469166)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-131  | SB-WNA 202 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469167)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-141  | THB1 203 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 116                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469168)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-171  | SB-WFB 303 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 116                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469169)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-211  | WSR46 201 MID-FLOOD   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 123                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469170)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-251  | SB-WNAB 302 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 93.3               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469171)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469172)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 91.8               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469173)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-271  | NM1 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 101                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469174)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-281  | SB-WMB 102 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 94.9               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469368)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-001  | SB-WFA 101 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 78.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469370)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469372)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-051  | NM3 203 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 82.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469374)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-061  | NM2 301 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 88.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469376)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-071  | SB-WMB 302 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469378)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-081  | NM1 303 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 94.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469380)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-091  | WSR45C 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469382)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-101  | WSR46 102 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469384)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-111  | SB-WNBA 103 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469386)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-121  | SB-WNBB 201 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469388)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-131  | SB-WNAA 202 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469390)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-141  | THB1 203 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469392)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-151  | SB-WNAB 301 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469394)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-161  | THB2 302 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2469396)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-171  | SB-WFB 303 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479318)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1221984-001  | SB-WFA 101 MID-EBB   | EG036: Mercury       | 7439-97-6  | 0.2 µg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479319)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479319) - Continued</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-001  | SB-WFA 101 MID-EBB | EG029: Zinc      | 7440-66-6  | 10 µg/L   | 118                | ---- | 80                  | 120  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479320)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-021  | NM6 103 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479322)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479324)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-041  | SB-WMA 202 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479325)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479334)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-061  | NM2 301 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 105                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479335)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479336)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-081  | NM1 303 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479337)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |



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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479337) - Continued</b> |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479338)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-101  | WSR46 102 MID-EBB   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 87.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479339)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479340)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-123  | SB-WNBB 203 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479341)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479342)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-147  | SB-WNAB 103 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479343)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479343) - Continued</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479344)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-173  | NM5 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479345)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479346)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-193  | SB-WFA 201 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479347)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479348)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-213  | WSR46 203 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479349)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479350)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-233  | WSR45C 302 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479351)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479352)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-258  | THB1 203 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479353)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479354)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-279  | NM1 303 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 82.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479355)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479356)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1221984-299  | NM3 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479357)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479357) - Continued</b> |                   |                  |            |                     |                    |      |                     |      |         |               |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472937)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-011  | NM5 102 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.18            | 0.18             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472939)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-021  | NM6 103 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.33            | 0.35             | 5.9     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472941)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-041  | SB-WMA 202 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.18            | 0.18             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472943)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-051  | NM3 203 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.25            | 0.26             | 3.9     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472945)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-061  | NM2 301 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.10            | 0.10             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472947)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-081  | NM1 303 MID-EBB      | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.26            | 0.26             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472949)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-091  | WSR45C 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.16            | 0.15             | 6.4     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472951)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-101  | WSR46 102 MID-EBB    | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.17            | 0.17             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472953)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-111  | SB-WNBA 103 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.24            | 0.20             | 18.2    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472955)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-121  | SB-WNBB 201 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.22            | 0.21             | 4.6     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472957)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-131  | SB-WNAA 202 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.15            | 0.16             | 6.4     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472959)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-141  | THB1 203 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.18            | 0.20             | 10.5    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472965)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-151  | SB-WNAB 301 MID-EBB  | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.14            | 0.14             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472967)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-161  | THB2 302 MID-EBB     | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.14            | 0.14             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472970)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-171  | SB-WFB 303 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.01                              | mg/L | 0.25            | 0.26             | 3.9     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473011)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-317  | THB2 102 MID-FLOOD   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473012)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-320  | THB2 202 MID-FLOOD   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473013)</b> |                      |                      |            |                                   |      |                 |                  |         |
| HK1222200-021  | NM6 103 MID-EBB      | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.03            | 0.03             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473014)</b> |                      |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473015)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1222200-103  | WSR46 201 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.05            | 0.05             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473016)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1222200-100  | WSR46 101 MID-EBB     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.05            | 0.04             | 22.2    |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473017)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1222200-123  | SB-WNBB 203 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.01            | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473018)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1222200-131  | SB-WNAA 202 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.03            | 0.03             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473019)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1222200-251  | SB-WNAB 302 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473020)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1222200-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.01            | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473021)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1222200-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473022)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1222200-241  | SB-WNBB 301 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | 0.01             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473023)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1222200-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473024)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1222200-280  | SB-WMB 101 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | 0.04            | 0.04             | 0.0     |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473025)</b> |                       |                      |            |                                   |      |                 |                  |         |
| HK1222200-291  | NM2 103 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.01                              | mg/L | <0.01           | <0.01            | 0.0     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479382)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479383)</b> |                       |                      |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479383) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479384)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479385)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479386)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479387)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479387) - Continued</b> |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479394)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479395)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479396)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479397)</b>             |                    |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479397) - Continued</b> |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479398)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479399)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479405)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479406)</b>             |                     |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479406) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479407)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479408)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479409)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479410)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479410) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479412)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479413)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479414)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479415)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479415) - Continued</b> |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479416)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479417)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479428)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479429)</b>             |                       |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479429) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479430)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479431)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479432)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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     |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479433)</b>             |                      |                  |            |                                   |      |                 |                  |         |
| 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 (%) |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479433) - Continued</b> |                      |                  |            |                                   |      |                 |                  |         |
| 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 |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472937)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472939)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472941)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 105                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472943)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 106                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472945)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 103                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472947)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 105                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472949)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 105                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472951)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 103                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472953)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 102                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472955)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472957)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 106                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472959)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 95.6               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472965)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 97.8               | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472967)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472970)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |
| EK057A: Nitrite as N   | ----       | 0.01 | mg/L | <0.01                    | 0.4 mg/L            | 104                | ----   | 85                  | 115  | ----    | ----          |  |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473011)</b> |            |      |      |                          |                     |                    |  |                     |      |         |               |  |



| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473011) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.6               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473012)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473013)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473014)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473015)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473016)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 102                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473017)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473018)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 103                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473019)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.2               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473020)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.8               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473021)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 99.2               | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473022)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 100                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473023)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473024)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 101                | ---- | 87                  | 113  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473025)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EK055K: Ammonia as N   | 7664-41-7  | 0.01                     | mg/L | <0.01  | 0.5 mg/L   | 104                | ---- | 87                  | 113  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479382)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 90.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479383)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479383) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479384)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 87.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479385)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479386)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 88.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479387)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479394)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 98.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479395)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479396)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 92.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479397)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |



| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479397) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479398)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 95.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479399)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479405)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 89.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479406)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479407)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 88.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479408)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479408) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479409)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 105                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479410)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479412)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 104                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479413)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479414)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 102                | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479415)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479416)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 96.5               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479417)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479417) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479428)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 90.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479429)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479430)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 93.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479431)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479432)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| EG036: Mercury   | 7439-97-6  | 0.05                     | µg/L | <0.05  | 0.2 µg/L   | 97.0               | ---- | 80                  | 116  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479433)</b>             |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479433) - Continued</b> |            |                          |      |        |  |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472937)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-011  | NM5 102 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 90.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472939)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-021  | NM6 103 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472941)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-041  | SB-WMA 202 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472943)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-051  | NM3 203 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472945)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-061  | NM2 301 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472947)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-081  | NM1 303 MID-EBB      | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472949)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-091  | WSR45C 101 MID-EBB   | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472951)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-101  | WSR46 102 MID-EBB    | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 94.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472953)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-111  | SB-WNBA 103 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 96.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472955)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-121  | SB-WNBB 201 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472957)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-131  | SB-WNAA 202 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 102                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472959)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-141  | THB1 203 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 104                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472965)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-151  | SB-WNAB 301 MID-EBB  | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 108                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472967)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-161  | THB2 302 MID-EBB     | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 110                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2472970)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-171  | SB-WFB 303 MID-FLOOD | EK057A: Nitrite as N | ----       | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473011)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-091  | WSR45C 101 MID-EBB   | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 103                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473012)</b> |                      |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473013)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-071  | SB-WMB 302 MID-EBB    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 120                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473014)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-061  | NM2 301 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 124                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473015)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-081  | NM1 303 MID-EBB       | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 106                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473016)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-251  | SB-WNAB 302 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 101                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473017)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-231  | WSR45C 203 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473018)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-181  | NM6 101 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 115                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473019)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-174  | NM5 103 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 92.7               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473020)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-201  | SB-WNBA 103 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 123                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473021)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-221  | SB-WNAA 202 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 118                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473022)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-241  | SB-WNBB 301 MID-FLOOD | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 86.3               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473023)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-261  | THB1 303 MID-FLOOD    | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 112                | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473024)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-280  | SB-WMB 101 MID-FLOOD  | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 97.3               | ---- | 75                  | 125  | ----    | ----          |
| <b>ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 2473025)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-291  | NM2 103 MID-FLOOD     | EK055K: Ammonia as N | 7664-41-7  | 0.5 mg/L  | 100                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479382)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| HK1222200-001  | SB-WFA 101 MID-EBB    | EG036: Mercury       | 7439-97-6  | 0.2 µg/L  | 99.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479383)</b> |                       |                      |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479383) - Continued</b> |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-001  | SB-WFA 101 MID-EBB | EG029: Zinc      | 7440-66-6  | 10 µg/L   | 117                | ---- | 80                  | 120  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479384)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-021  | NM6 103 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 83.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479385)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479386)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-041  | SB-WMA 202 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 101                | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479387)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479394)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-061  | NM2 301 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 96.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479395)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479396)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-081  | NM1 303 MID-EBB    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 96.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479397)</b>             |                    |                  |            |   |                    |      |                     |      |         |               |



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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479397) - Continued</b> |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479398)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-101  | WSR46 102 MID-EBB   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 95.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479399)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479405)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-123  | SB-WNBB 203 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 94.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479406)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479407)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-147  | SB-WNAB 103 MID-EBB | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479408)</b>             |                     |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479408) - Continued</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479409)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-173  | NM5 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 97.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479410)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479412)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-193  | SB-WFA 201 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 95.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479413)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479414)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-213  | WSR46 203 MID-FLOOD  | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 98.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479415)</b>             |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479416)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-233  | WSR45C 302 MID-FLOOD | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 87.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479417)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479428)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-258  | THB1 203 MID-FLOOD   | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 83.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479429)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479430)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-279  | NM1 303 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 79.5               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479431)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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  | ----                | ---- |         |               |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479432)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| HK1222200-299  | NM3 102 MID-FLOOD    | EG036: Mercury   | 7439-97-6  | 0.2 µg/L  | 87.0               | ---- | 75                  | 125  | ----    | ----          |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479433)</b> |                      |                  |            |   |                    |      |                     |      |         |               |
| 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 |
| <b>EG: Metals and Major Cations - Filtered (QC Lot: 2479433) - Continued</b> |                   |                  |            |                     |                    |      |                     |      |         |               |
| 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

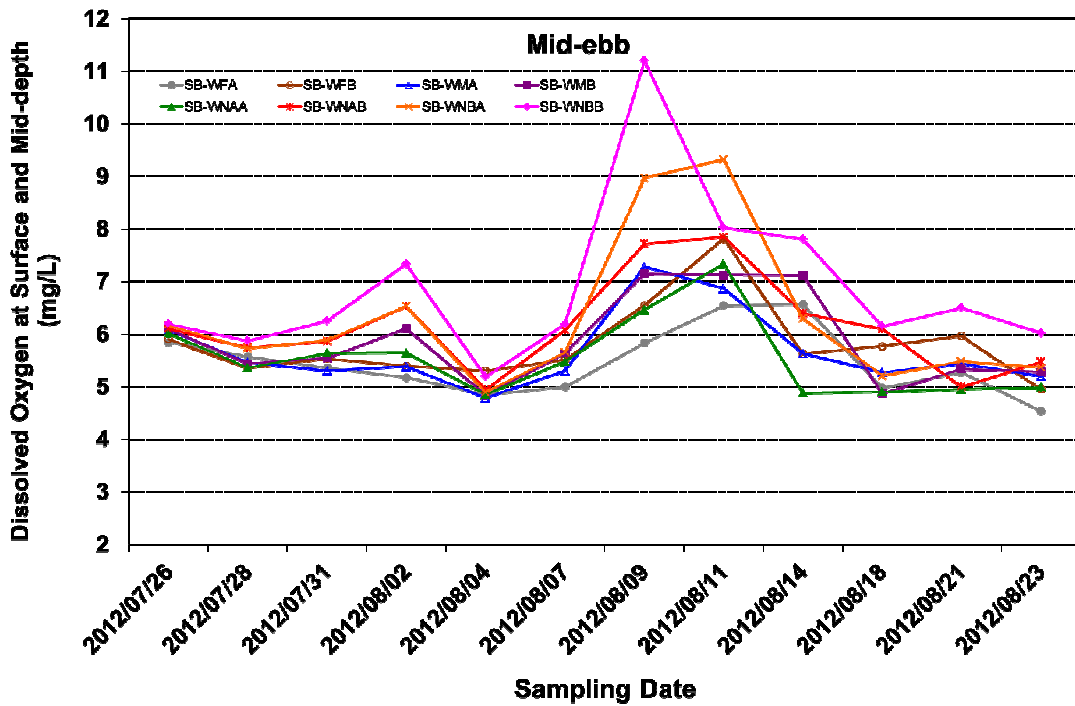


Figure D1 Dissolved Oxygen (mg/L) at the surface and mid-depth of the water column measured at Near Field, Mid Field and Far Field stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

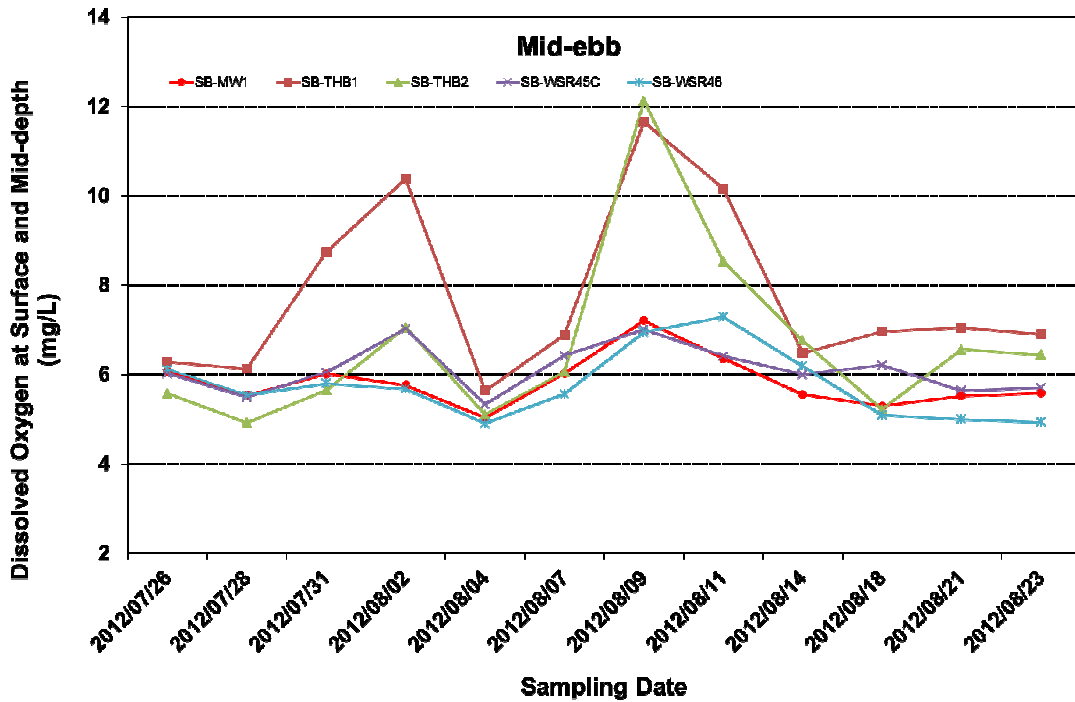


Figure D2 Dissolved Oxygen (mg/L) at the surface and mid-depth of the water column measured at Sensitive Receiver stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

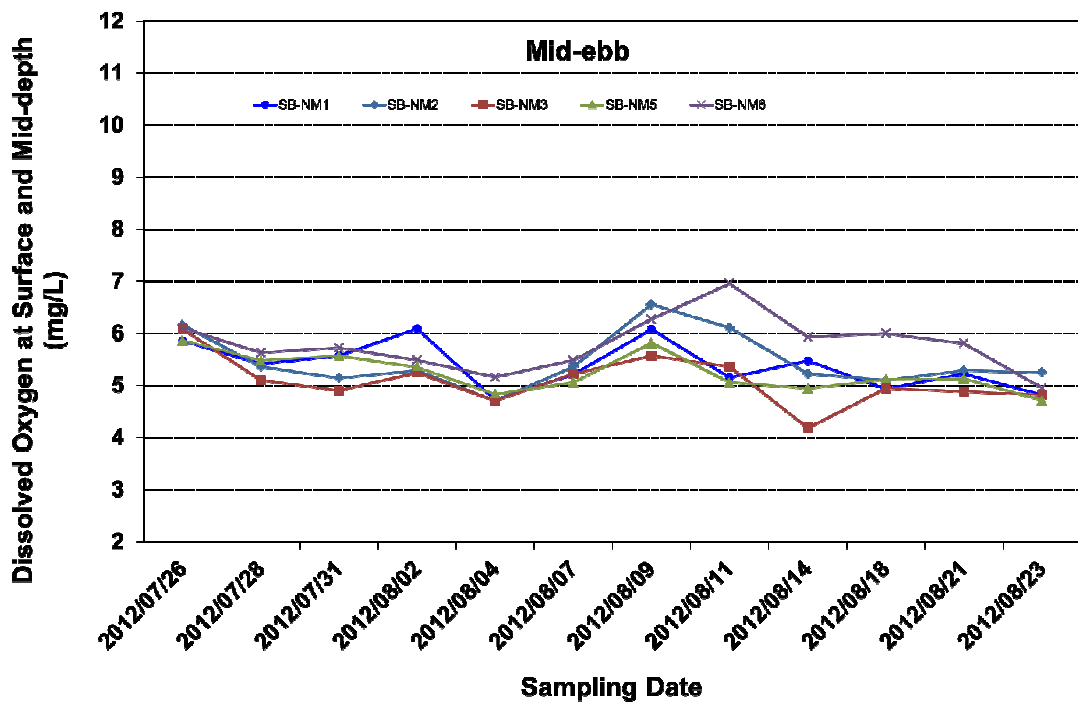


Figure D3 Dissolved Oxygen (mg/L) at the surface and mid-depth of the water column measured at Reference stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

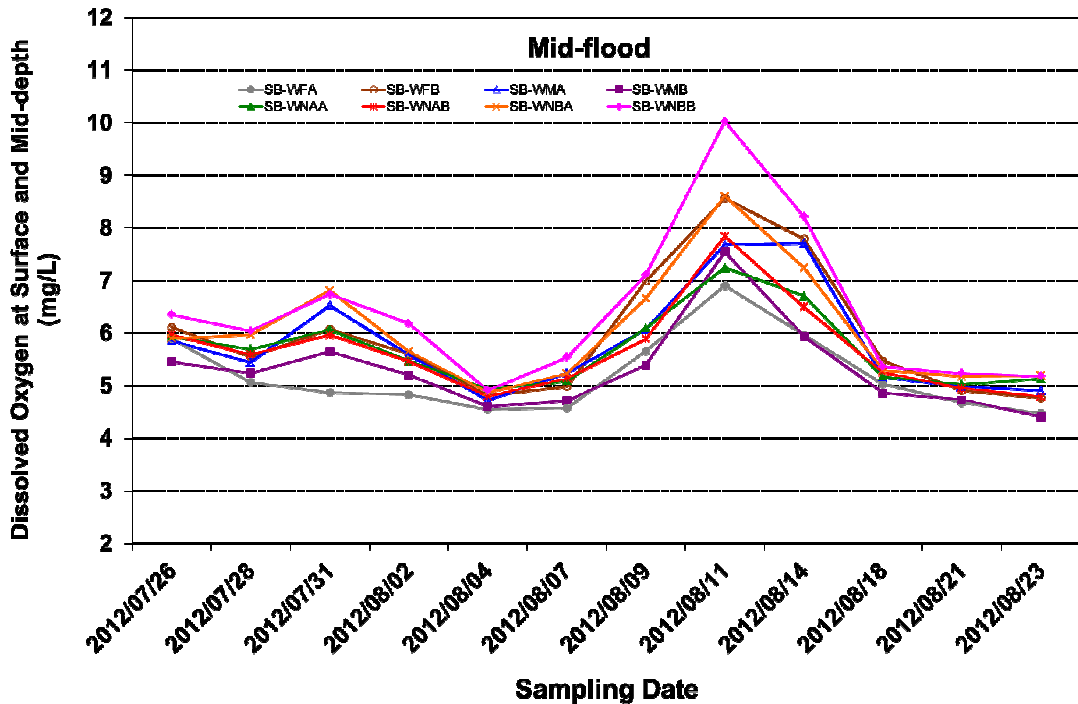


Figure D4 Dissolved Oxygen (mg/L) at the surface and mid-depth of the water column measured at Near Field, Mid Field and Far Field stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.



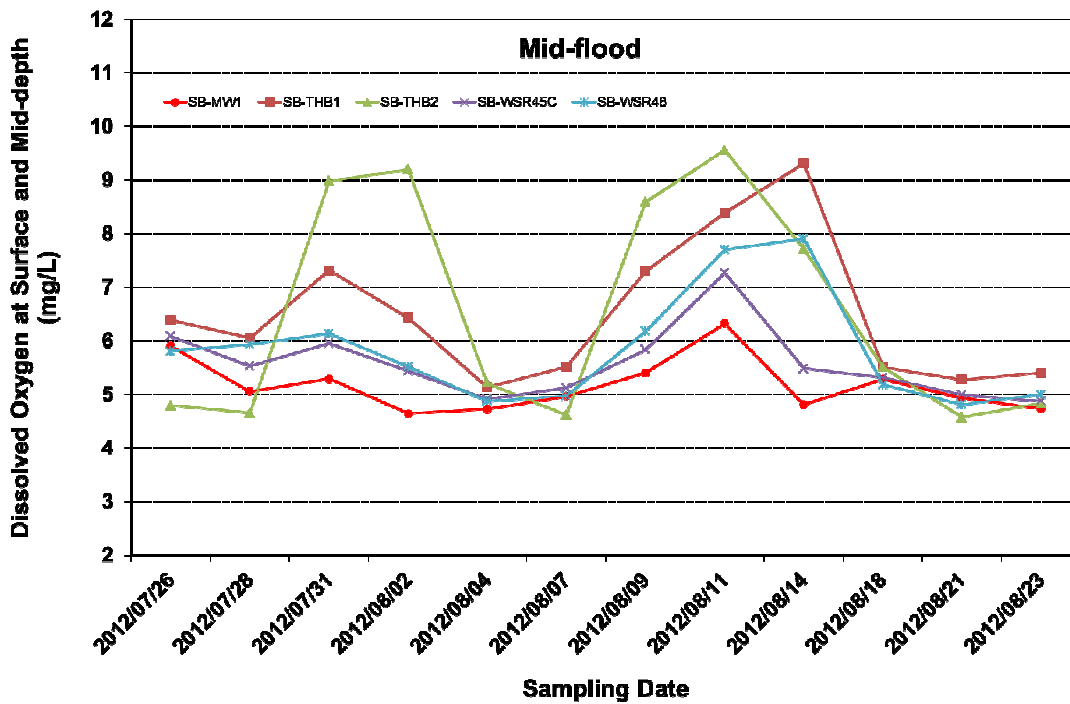


Figure D5 Dissolved Oxygen (mg/L) at the surface and mid-depth of the water column measured at Sensitive Receiver stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

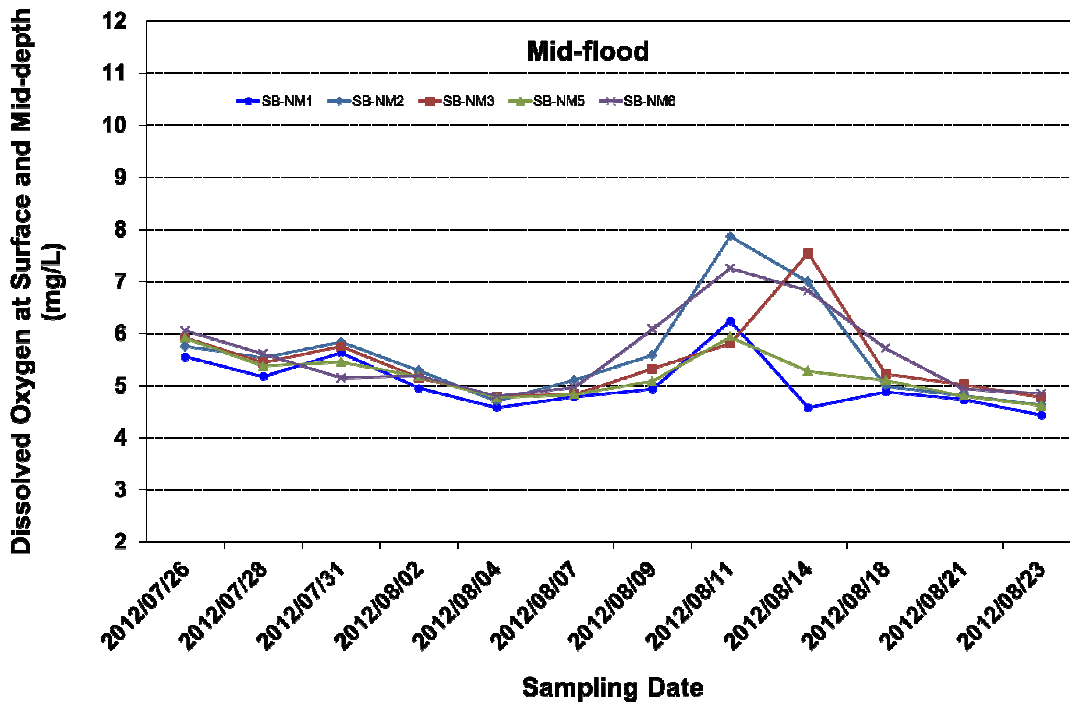


Figure D6 Dissolved Oxygen (mg/L) at the surface and mid-depth of the water column measured at Reference stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

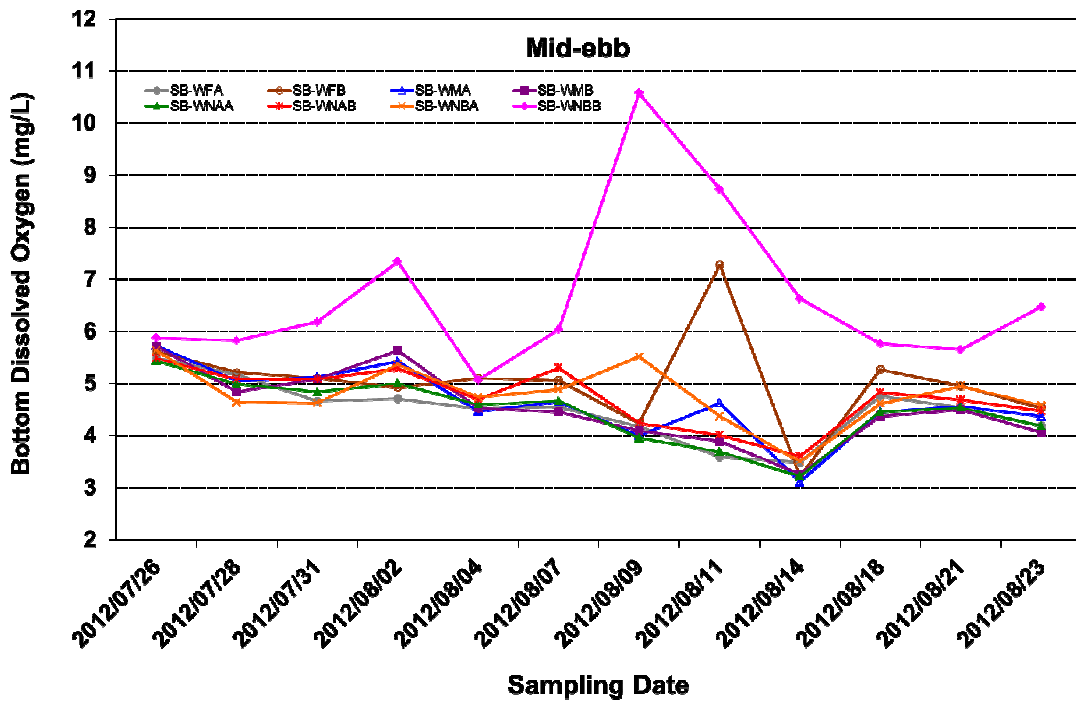


Figure D7 Dissolved Oxygen (mg/L) at the bottom of the water column measured at Near Field, Mid Field and Far Field stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

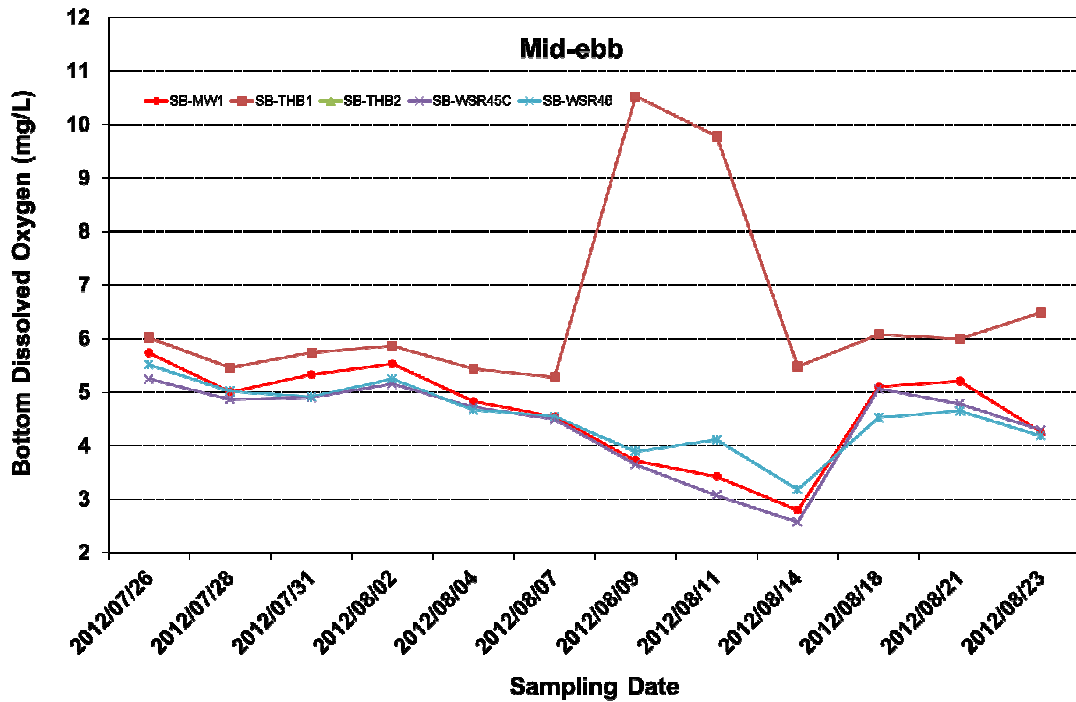


Figure D8 Dissolved Oxygen (mg/L) at the bottom of the water column measured at Sensitive Receiver stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

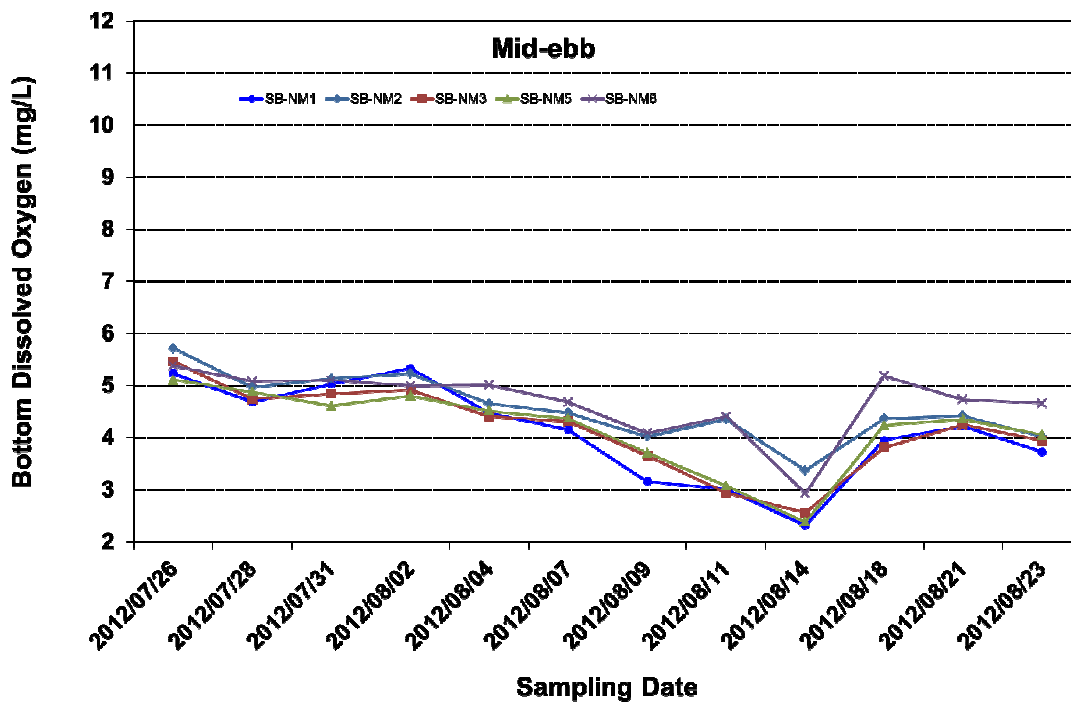


Figure D9 Dissolved Oxygen (mg/L) at the bottom of the water column measured at Reference stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

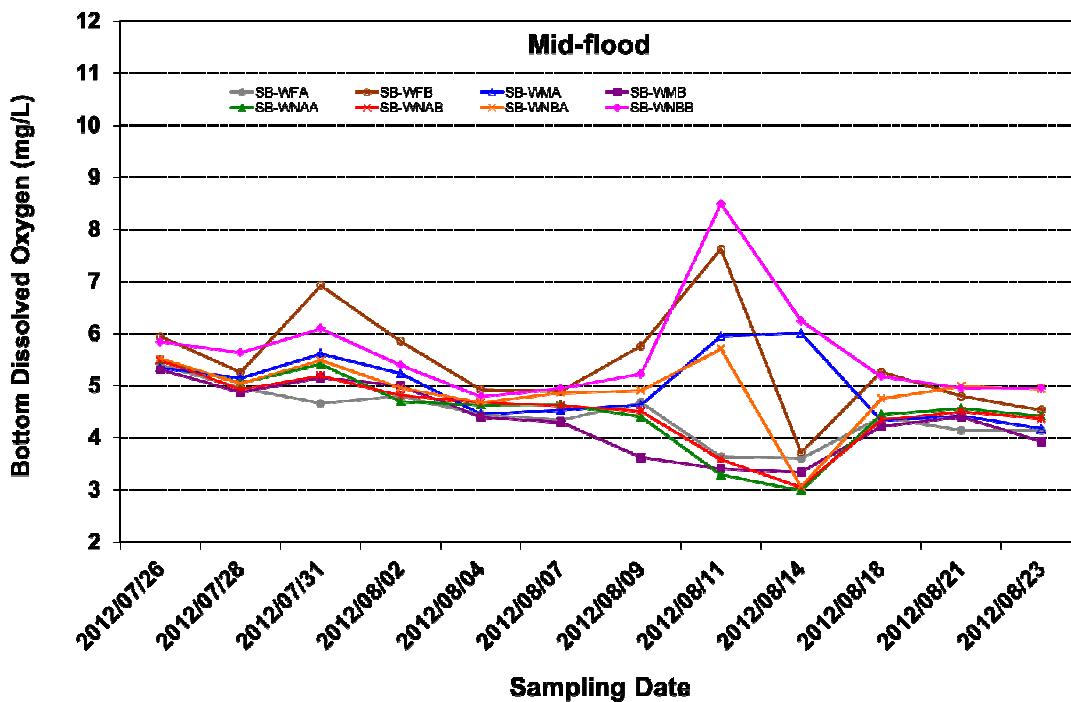


Figure D10 Dissolved Oxygen (mg/L) at the bottom of the water column measured at Near Field, Mid Field and Far Field stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.



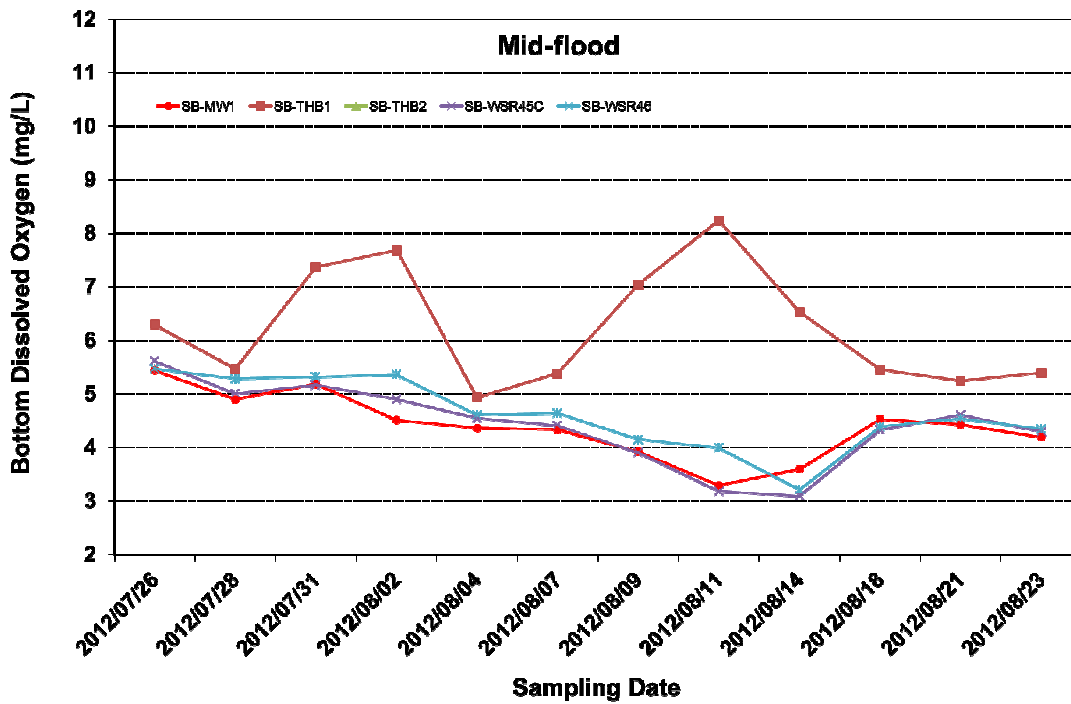


Figure D11 Dissolved Oxygen (mg/L) at the bottom of the water column measured at Sensitive Receiver stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

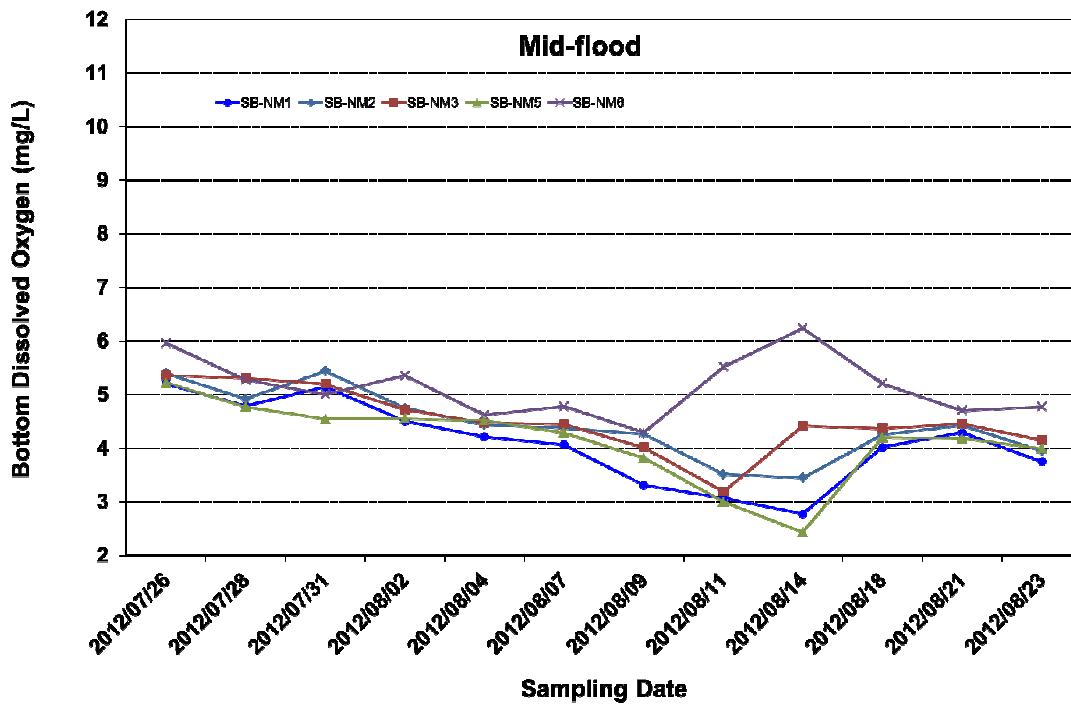


Figure D12 Dissolved Oxygen (mg/L) at the bottom of the water column measured at Reference stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

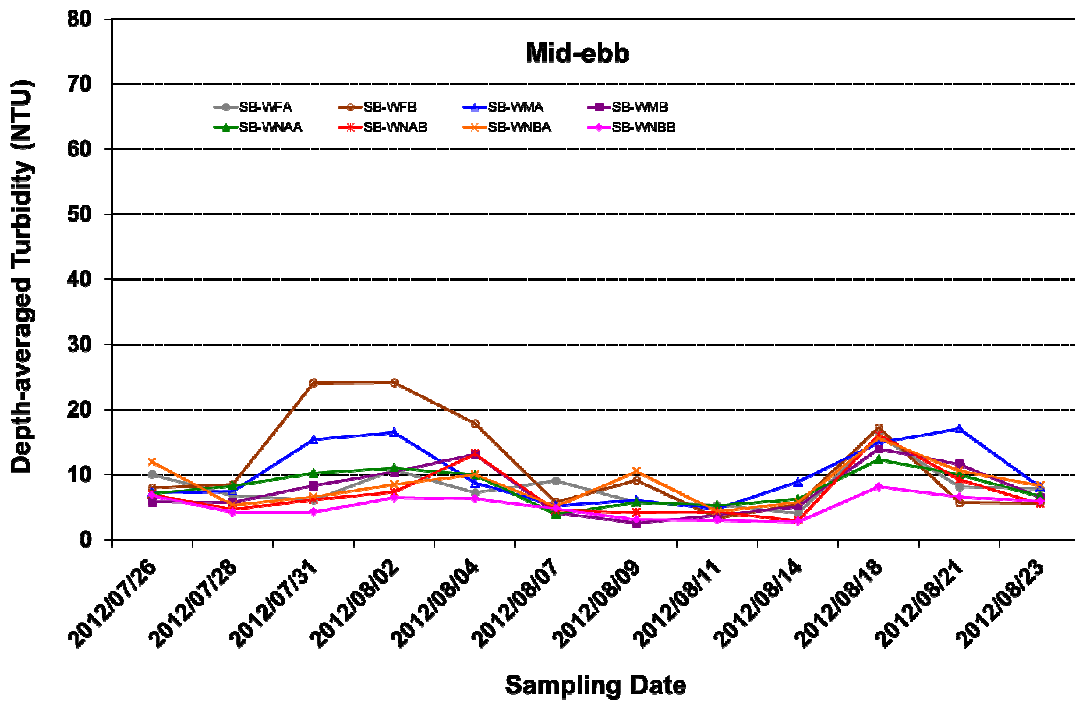


Figure D13 Depth-averaged turbidity (NTU) of water samples measured at Near Field, Mid Field and Far Field stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

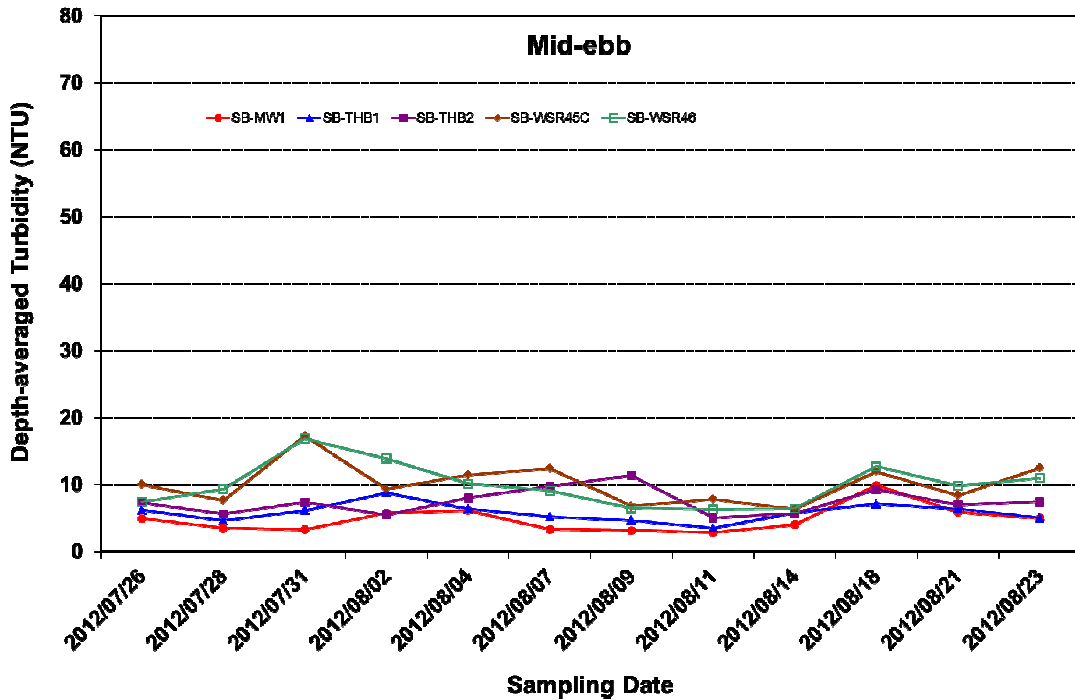


Figure D14 Depth-averaged turbidity (NTU) of water samples measured at Sensitive Receiver stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

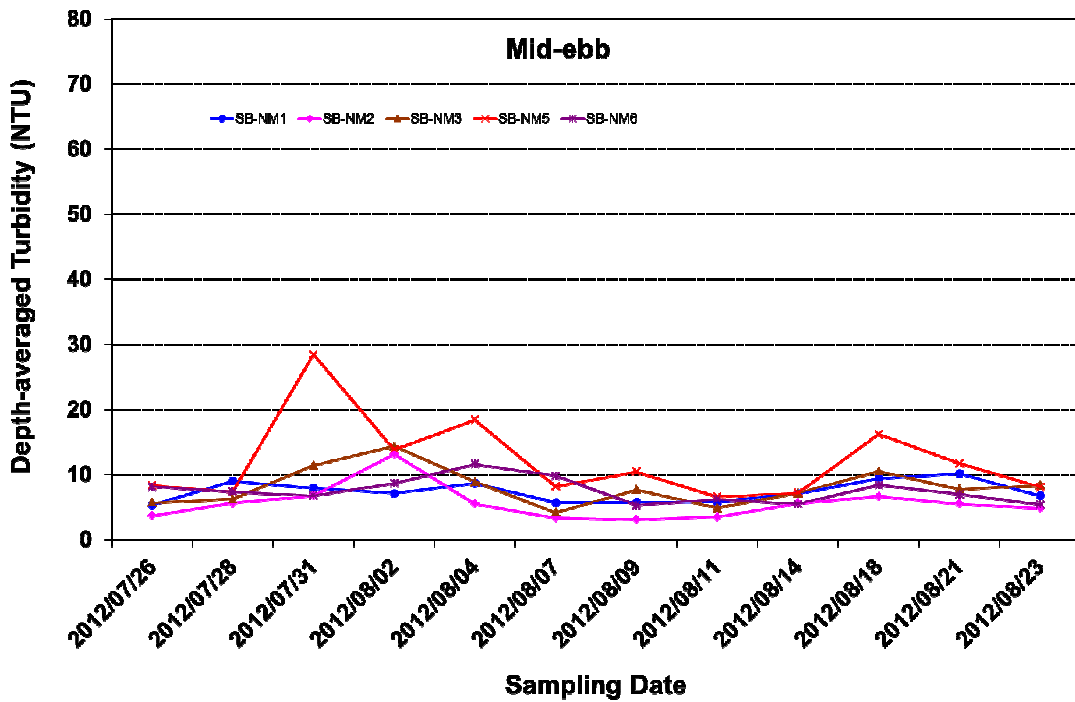


Figure D15 Depth-averaged turbidity (NTU) of water samples measured at Reference stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

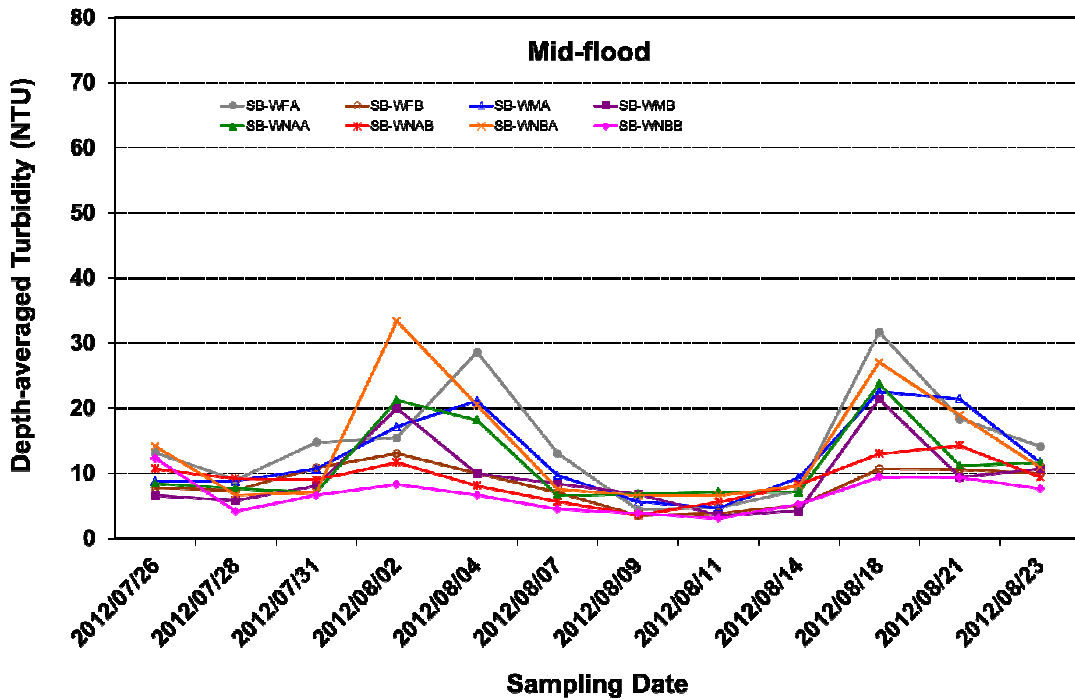


Figure D16 Depth-averaged turbidity (NTU) of water samples measured at Near Field, Mid Field and Far Field stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

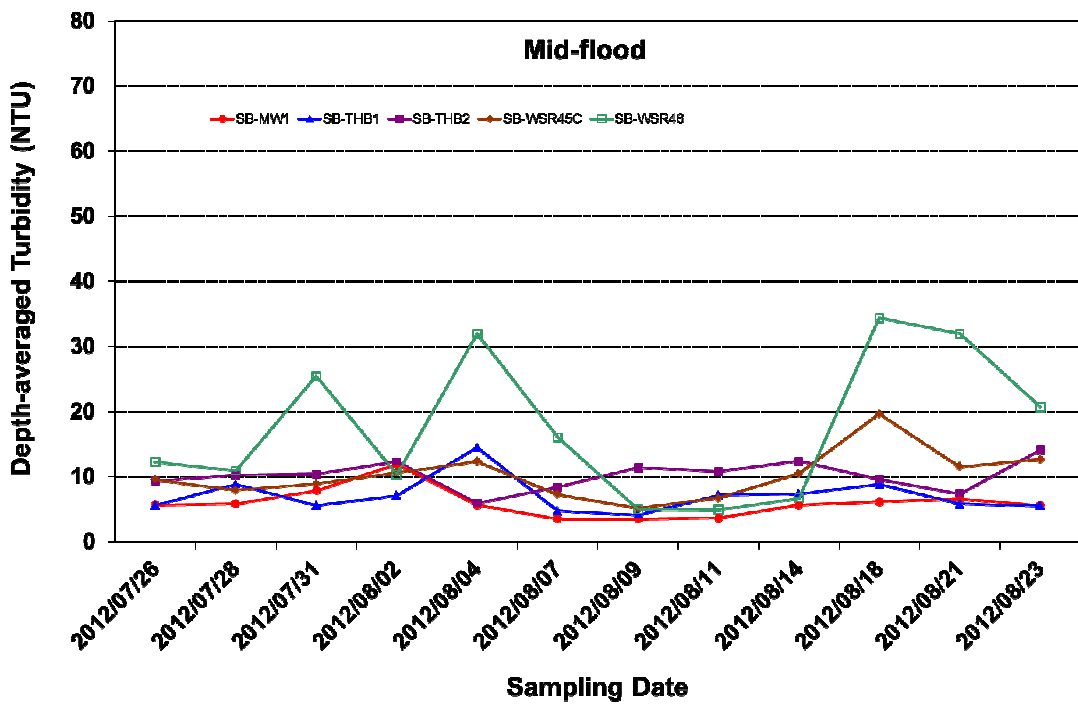


Figure D17 Depth-averaged turbidity (NTU) of water samples measured at Sensitive Receiver stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

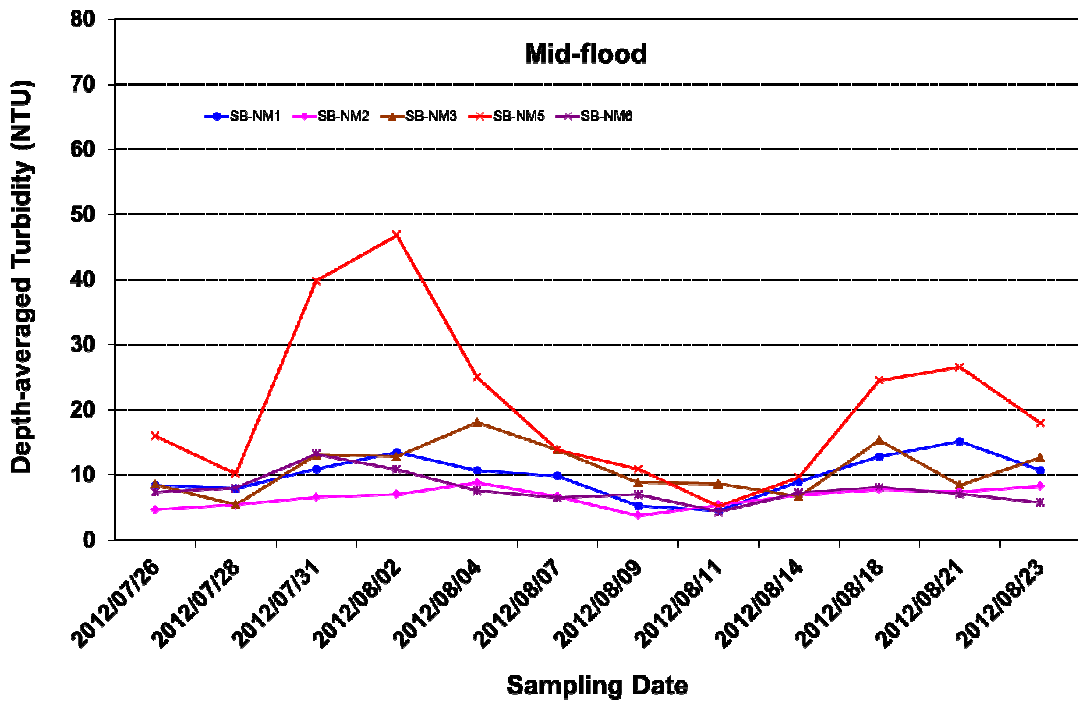


Figure D18 Depth-averaged turbidity (NTU) of water samples measured at Reference stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

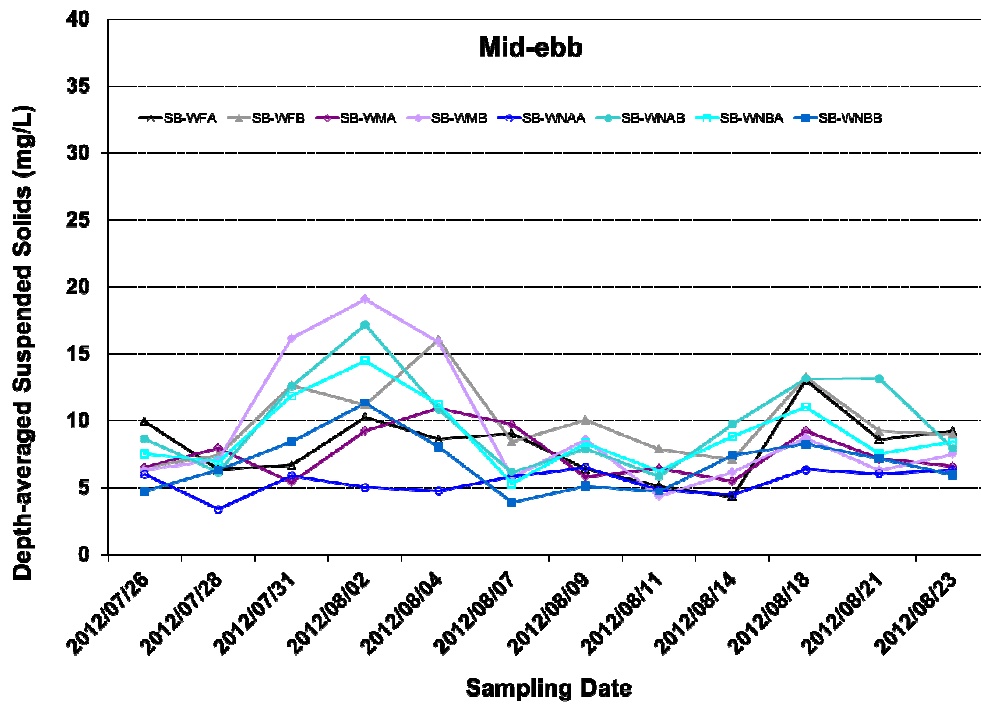


Figure D19 Depth-averaged Suspended Solids (mg/L) of water samples measured at Near Field, Mid Field and Far Field stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

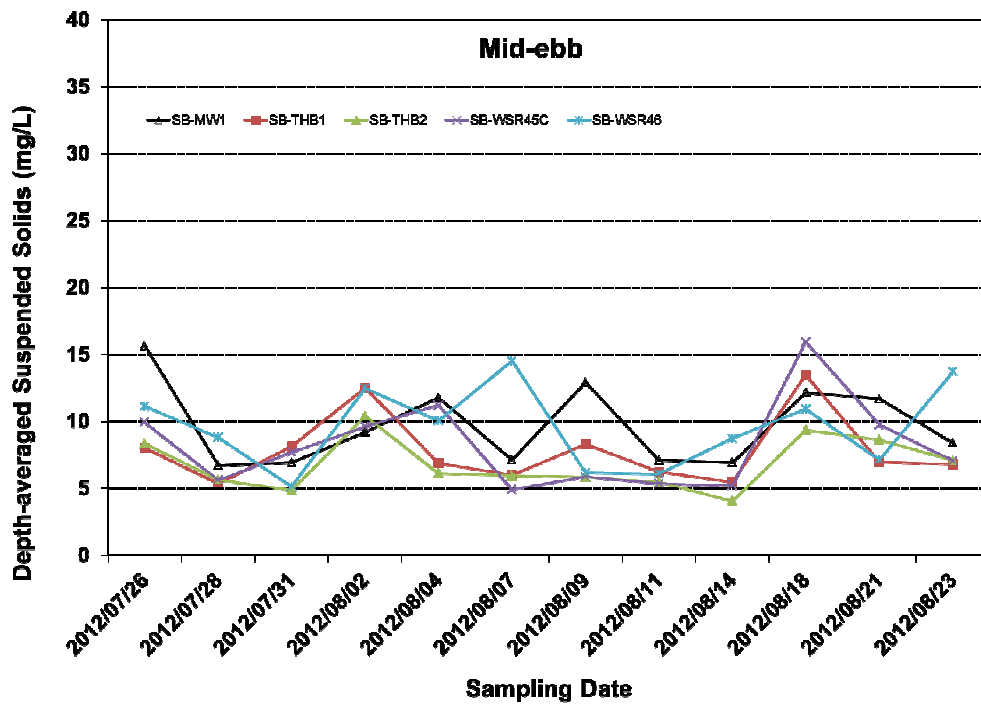


Figure D20 Depth-averaged Suspended Solids (mg/L) of water samples measured at Sensitive Receiver stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

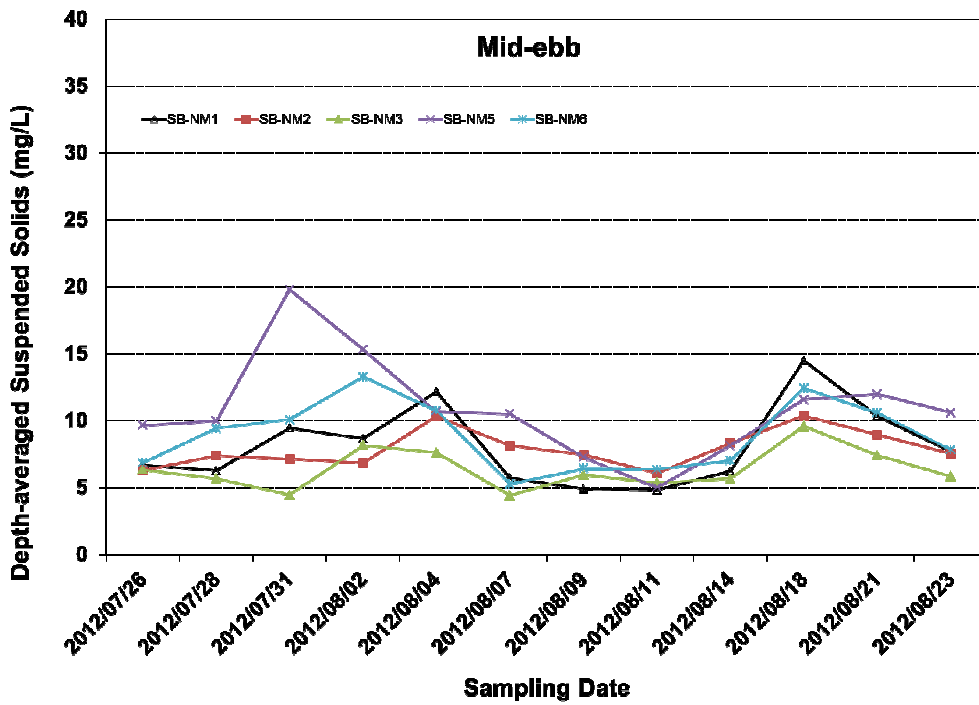


Figure D21 Depth-averaged Suspended Solids (mg/L) of water samples measured at Reference stations during mid-ebb tide for the baseline monitoring period from 26 July to 23 August 2012.

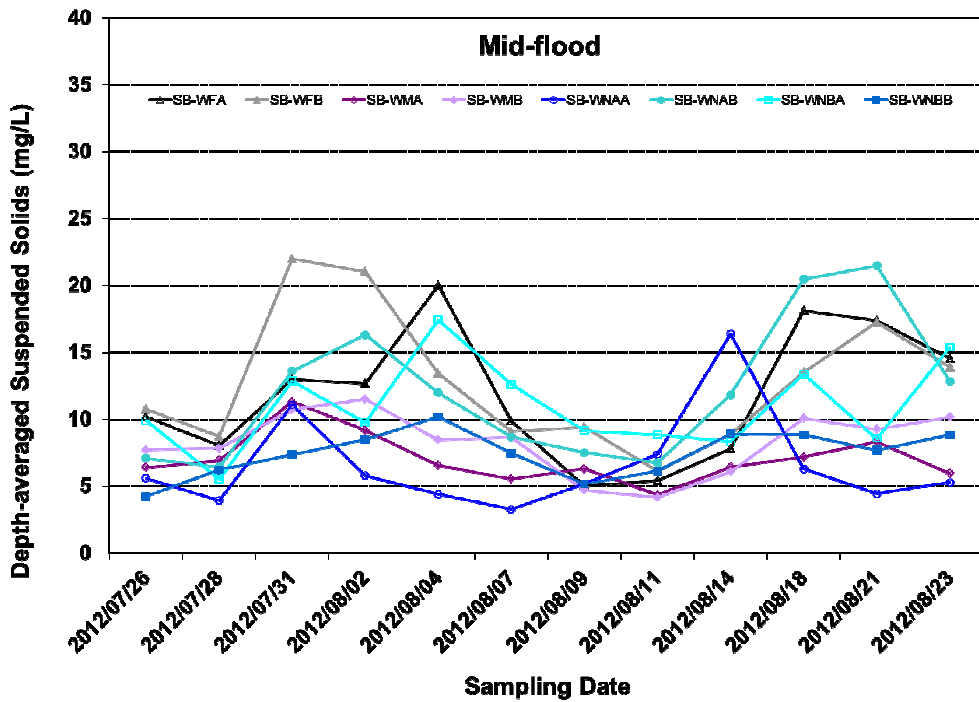


Figure D22 Depth-averaged Suspended Solids (mg/L) of water samples measured at Near Field, Mid Field and Far Field stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

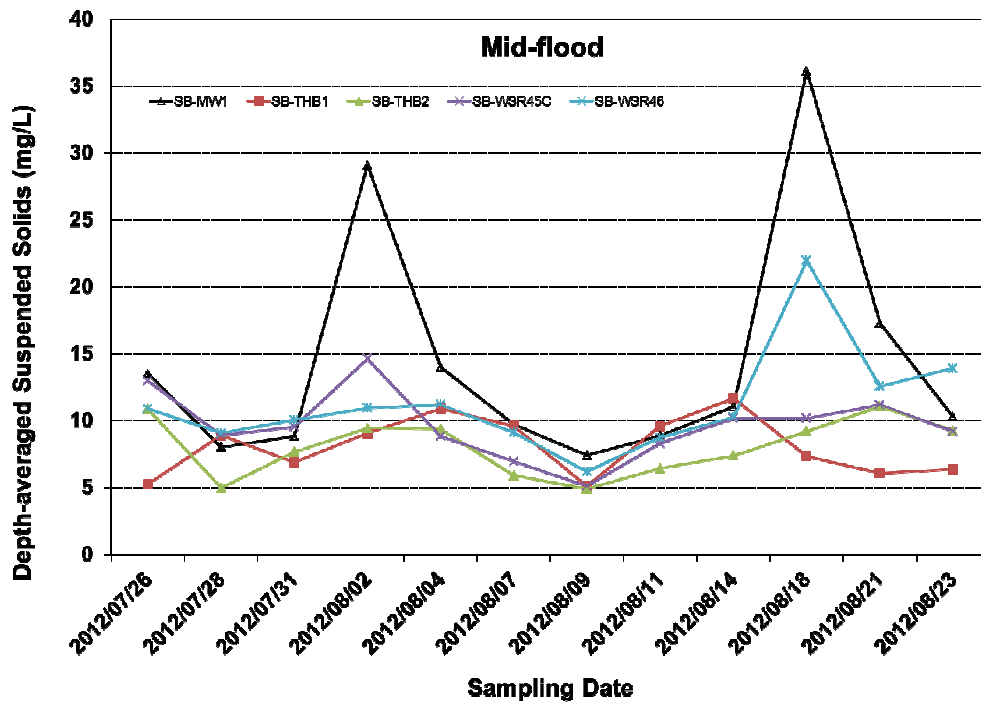


Figure D23 Depth-averaged Suspended Solids (mg/L) of water samples measured at Sensitive Receiver stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.

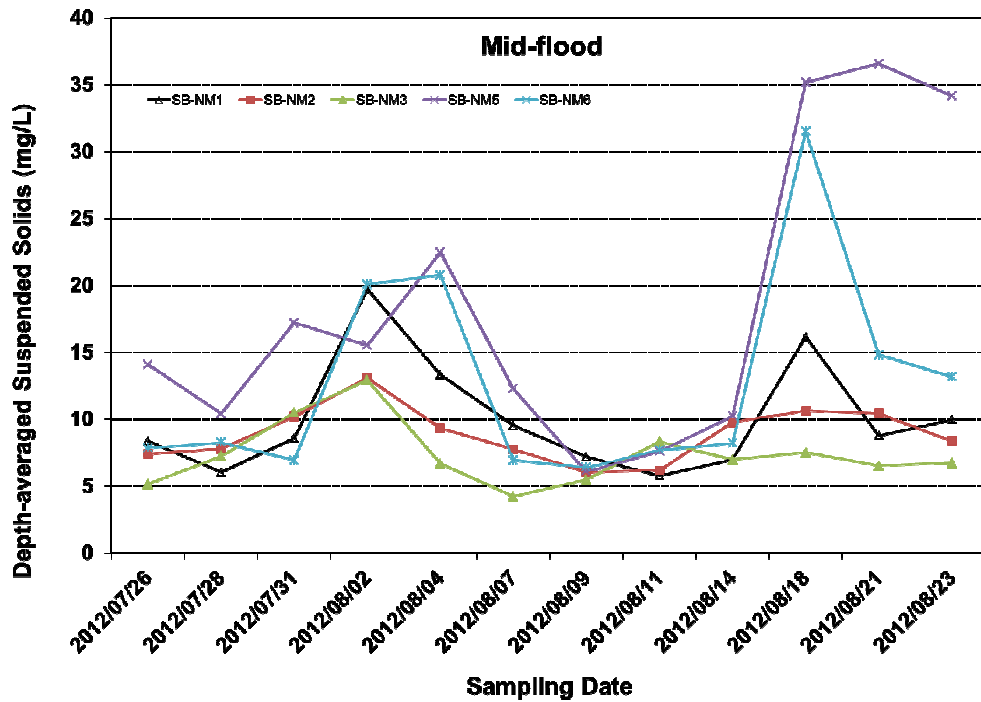


Figure D24 Depth-averaged Suspended Solids (mg/L) of water samples measured at Reference stations during mid-flood tide for the baseline monitoring period from 26 July to 23 August 2012.