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|  <b>Eagle Mountain - Woodfibre Gas Pipeline Project<br/>Waste Discharge Permit PE-110163 Report</b> | Reporting Week | Oct 20 <sup>th</sup> to Oct 26 <sup>th</sup> , 2025 |
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# **Eagle Mountain - Woodfibre Gas Pipeline Project**

## **BCER Waste Discharge Permit Weekly Report**

|                                                                                                                                                                                      |                |                                                     |
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|                                                                                                                                                                                      |                |                                                     |
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## Preamble

This weekly report for the British Columbia Energy Regulator (BCER) Waste Discharge Permit (BCER number PE-110163) for the FortisBC Eagle Mountain – Woodfibre Gas Pipeline (EGP) Project includes the results of water quality monitoring and sampling of the receiving environments (upstream and downstream) and points of discharge.

FortisBC has retained Hatfield Consultants LLP. as the Qualified Professional to implement and oversee the monitoring and sampling program in the receiving environments. The data represented below, including laboratory reported exceedances, represent background conditions from the receiving environment sampling as shown on the Waste Discharge Permit.

Please note that this weekly report is intended to present the results of each weekly sampling event and highlight any non-compliances or missed sampling requirements outlined in the permit. This report is not intended to represent an interpretive report. Given that application of chronic BC water quality guidelines for protection of aquatic life in the receiving environment downstream of the discharge does not represent a regulatory requirement and instead data are intended to be assessed relative to monthly average concentrations, exceedances of these guidelines in receiving environment samples are highlighted for information purposes, but detailed interpretation of guideline exceedances are not provided given that an interpretation of monthly trends and consideration of background influences and discharge chemistry is required.

## Introduction

The results provided in this document are submitted to BC Energy Regulator (BCER) by FortisBC as per the requirements listed in the Waste Discharge Permit PE-110163 Section 4.2:

The Permittee shall summarize the results of the discharge and receiving environment compliance sampling and monitoring program in a report that shall be submitted weekly over the term of this permit. The sampling and monitoring results shall be suitably tabulated and include comparison to the respective British Columbia Approved and Working Water Quality Guidelines for Freshwater & Marine Aquatic Life, as published by the Ministry of Environment & Climate Change Strategy. Any exceedance of regulatory guidelines shall be clearly highlighted, and any missed sampling events/missing data shall be identified with an explanation provided. Reporting frequency may be reduced upon a history of compliance and by written confirmation from the BCER. These reports shall be submitted to [Waste.Management@bc-er.ca](mailto:Waste.Management@bc-er.ca). A copy of the reports shall be provided to each First Nation consulted with regarding the subject permit, and also made publicly available on the FortisBC Eagle Mountain-Woodfibre Gas Pipeline Project | Talking Energy webpage.



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## Sampling Methodology

The monitoring and sampling has been carried out in accordance with the procedures described in the most recent edition of the “British Columbia Field Sampling Manual” using field equipment and lab samples to meet daily and real time requirements for the Waste Discharge Permit.

At the receiving environments, real time and daily readings are being monitored at the same time with one piece of equipment, allowing all the daily readings real time. Visible sheen will be monitored with visual inspections during times of discharge or sampling.

At the point of discharge from the WTP, the parameters are being monitored using field equipment and sondes/real time meters. Table 1 and Table 2 below show how each parameter is being monitored.

**Table 1. Monitor Details for the Point of Discharge from the Water Treatment System-BC Rail and Woodfibre**

| Permit Frequency                  | Parameters                | Details                                                                 |
|-----------------------------------|---------------------------|-------------------------------------------------------------------------|
| During discharges                 | Visible Sheen             | In field inspection                                                     |
| Daily (or per batch)              | DO                        | Monitoring using YSI ProDSS                                             |
|                                   | ORP                       | Monitoring using YSI ProDSS                                             |
|                                   | Salinity                  | Monitoring using YSI ProDSS                                             |
| Real Time (or per batch)          | pH                        | Monitoring using GF Dryloc pH Series NPT                                |
|                                   | Temperature               | Monitoring using LevelPro PT100 Temperature and Signet 2350 Temp sensor |
|                                   | NTU                       | Monitoring using Observator NEP9504GPI                                  |
|                                   | Electrical Conductivity   | Monitoring using ProCon C450                                            |
| Weekly (or per batch) Lab Samples | List prescribed in permit | Lab samples                                                             |

**Table 2. Monitor Details for the Receiving Environment (upstream and downstream)-BC Rail and Woodfibre**

| Permit Frequency   | Parameters                | Details                                          |
|--------------------|---------------------------|--------------------------------------------------|
| During discharges  | Visible Sheen             | In field inspection                              |
| Daily              | DO                        | Monitoring using Sonde- AquaTROLL 600 datalogger |
|                    | ORP                       | Monitoring using Sonde- AquaTROLL 600 datalogger |
|                    | Salinity                  | Monitoring using Sonde- AquaTROLL 600 datalogger |
| Real Time          | pH                        | Monitoring using Sonde- AquaTROLL 600 datalogger |
|                    | Temperature               | Monitoring using Sonde- AquaTROLL 600 datalogger |
|                    | NTU                       | Monitoring using Sonde- AquaTROLL 600 datalogger |
|                    | Electrical Conductivity   | Monitoring using Sonde- AquaTROLL 600 datalogger |
| Weekly Lab Samples | List prescribed in permit | Lab samples                                      |



## Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report

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### Summary-BC Rail Site

#### Site Activities and Exceedances

- Weekly upstream and downstream taken by the QP.
- Water produced by the water treatment plant is being recirculated for tunneling and to create grout for tunneling.
- One batch test occurred during this reporting period.

#### Discharge from Water Treatment Plant

Table 3 below includes information on water quality and lab sampling during discharges. Appendix A includes a full set of lab results with real time/field samples from discharges.

**Table 3: Discharge from Water Treatment System Information**

| Location | Date of Discharge | Date of Lab Sample (for the discharge) | Real Time Monitored | Field Samples Taken | Discharge Rate (batch) | Discharge Volume (batch) | Results |
|----------|-------------------|----------------------------------------|---------------------|---------------------|------------------------|--------------------------|---------|
| BC Rail  | 2025-10-25        | 2025-10-20                             | N/A                 | N/A                 | 145                    | 26m <sup>3</sup>         | Y       |

\*Max discharge is 515 m3/day

#### Receiving Environment Monitoring-Squamish River

Table 4 and 5 below includes information on water quality and lab sampling. Appendix B includes a full set of lab results with real time data. The receiving environment is being monitored as outlined in the permit with additional oversight by the QP.

**Table 4: Upstream Monitoring Information**

| Location                | Date of Lab Sample | Real Time Monitored | Results                                                                             |
|-------------------------|--------------------|---------------------|-------------------------------------------------------------------------------------|
| Squamish River Upstream | 2025-10-21         | Yes *               | Full set of lab sample results, photo and documentation are provided in Appendix B. |

**Table 5: Downstream Monitoring Information**

| Location                  | Date of Lab Sample | Real Time Monitored | Results                                                                             |
|---------------------------|--------------------|---------------------|-------------------------------------------------------------------------------------|
| Squamish River Downstream | 2025-10-21         | Yes *               | Full set of lab sample results, photo and documentation are provided in Appendix B. |

\* Sondes set up to log temperature, specific conductivity, salinity (in PSU), pH, ORP, DO (mg/L), and turbidity (NTU).

\*\*DATA GAPS: In-Situ Continuous Monitoring Data:

SQU US:

o 2025-10-21: Temperature, ORP, pH, and turbidity data were missing at 02:00.

o 2025-10-22: Temperature, ORP, pH, and turbidity data were missing at 21:00 and 23:00.

o 2025-10-25: Temperature, ORP, pH, and turbidity data were missing at 17:00, 20:00, and 21:00.

o 2025-10-26: Temperature, ORP, pH, and turbidity data were missing at 13:00.SQU DS.



**Eagle Mountain - Woodfibre Gas Pipeline Project  
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## Summary-Woodfibre

### Site Activities and Exceedances

- Weekly upstream, downstream and end of pipe taken by the QP.
- Ongoing tunnelling at WLNG and grouting works to mitigate water ingress.
- No reportable exceedances were detected in the WLNG EOP sample.
- Contractor noted that their pH meter at the WTP was reading incorrectly which resulted in pH measurements outside of range. New probe was installed on October 21st, 2025, which resolved this issue.

### Discharge from Water Treatment Plant

Table 6 below includes information on the discharge water. Appendix C includes real time/field samples from the discharge.

**Table 6: Discharges from Water Treatment System**

| Location  | Date of Discharge | Real Time Monitored and Daily Monitoring | Discharge Volume     |
|-----------|-------------------|------------------------------------------|----------------------|
| Woodfibre | 2025-10-20        | Yes-Appendix C                           | 2,422 m <sup>3</sup> |
| Woodfibre | 2025-10-21        | Yes-Appendix C                           | 2,420 m3             |
| Woodfibre | 2025-10-22        | Yes-Appendix C                           | 2,518 m3             |
| Woodfibre | 2025-10-23        | Yes-Appendix C                           | 2,494 m3             |
| Woodfibre | 2025-10-24        | Yes-Appendix C                           | 2,580 m3             |
| Woodfibre | 2025-10-25        | Yes-Appendix C                           | 2,748 m3             |
| Woodfibre | 2025-10-26        | Yes-Appendix C                           | 2,841 m3             |

\*Max discharge is 1500m3/day



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## Receiving Environment Monitoring-East Creek

Table 7 and 8 below includes information on water quality and lab sampling. Appendix D includes a full set of lab results with real time data. The receiving environment is being monitored as outlined in the permit with additional oversight by the QP.

**Table 7: Upstream Monitoring Information**

| Location            | Date of Lab Sample | Real Time Monitored | Results                                                                             |
|---------------------|--------------------|---------------------|-------------------------------------------------------------------------------------|
| East Creek Upstream | 2025-10-21         | Yes *               | Full set of lab sample results, photo and documentation are provided in Appendix D. |

**Table 8: Downstream Monitoring Information**

|                       | Date of Lab Sample | Real Time Monitored | Results                                                                             |
|-----------------------|--------------------|---------------------|-------------------------------------------------------------------------------------|
| East Creek Downstream | 2025-10-21         | Yes *               | Full set of lab sample results, photo and documentation are provided in Appendix D. |

\* Sondes set up to log temperature, specific conductivity, salinity (in PSU), pH, ORP, DO (mg/L), and turbidity (NTU).

\*\*DATA GAPS: In-Situ Continuous Monitoring

WLNG US:

- o 2025-10-20: Temperature data was missing at 03:00 and 15:00.
- o 2025-10-21: Temperature data was missing at 15:00.
- o 2025-10-24: Temperature data was missing at 20:00.
- o 2025-10-25: Temperature, ORP, pH, DO, and turbidity data were missing at 04:00 and 10:00.
- o 2025-10-26: Temperature, ORP, pH, DO, and turbidity data were missing at 14:00 and 18:00.

WLNG DS:

- o 2025-10-20: Temperature, ORP, pH, DO, and turbidity data were missing at 05:00 and 06:00.
- o 2025-10-21: Temperature, ORP, pH, DO, and turbidity data were missing at 20:00 and 23:00.
- o 2025-10-22: All parameters were missing from 11:00 and 23:00.
- o 2025-10-23: All parameters were missing from 00:00 and 10:00.
- o 2025-10-24: Temperature, ORP, pH, DO, and turbidity data were missing at 00:00.
- o 2025-10-25: Temperature, ORP, pH, DO, and turbidity data were missing at 04:00 and 10:00.
- o 2025-10-26: Temperature, ORP, pH, DO, and turbidity data were missing at 14:00 and 18:00.

Turbidity at the downstream station was elevated from Oct 20 at 01:00 to Oct 21 at 9:00. The Water Treatment Plant turbidity measurements do not align with the elevated numbers recorded at the data logger and is likely due to accumulation of material on the sensor. The sensor is being cleaned several times a week.

|                                                                                                                                                                                      |                |                                                     |
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## Appendix A: BCR Site Point of Discharge from Water Treatment Plant Documentation



|                                                                                                                                                                                      |                |                                                     |
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|                                                                                                                                                                                      | Appendix A     | A-2                                                 |

# BCR Site Batch Sample Analysis

|                                                                                   |                                             |                                                                                    |          |
|-----------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------|----------|
|  |                                             | <b>Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope</b>                |          |
| <b>Title</b>                                                                      | <b>BC Rail Batch Water Discharge Report</b> | <b>Revision:</b>                                                                   | <b>0</b> |
| <b>Date</b>                                                                       | <b>October 25, 2025</b>                     | <b>Prepared by:</b> SD<br><b>Reviewed by:</b> BC1<br><b>Date:</b> October 26, 2025 |          |

### Table of Contents:

1. Executive Summary and Notes
2. Discharge Lab's results
3. Photos

### Executive Summary and Field Notes:

On October 25<sup>th</sup>, FKM initiated a new batch discharge at the BC Rail site. The discharge began on October 25<sup>th</sup> at 02:55 AM and ended on October 25<sup>th</sup> at 04:00 AM. Total volume of discharge water was 26 m3, with an average flow rate of 145 GPM.

**Table 1: Discharge details**

| Date        | Start Time | Flow Rate (GPM) | Volume (m3) |
|-------------|------------|-----------------|-------------|
| 25-Oct-2025 | 02:55 AM   | 145             | 26          |

**Table 2: In-Situ Sample**

| Date       | Time     | pH   | Temperature (°C) | DO (mg/L) | NTU  | Conductivity (µS/cm) | ORP (mV) | Salinity (ppt) | Visible sheen |
|------------|----------|------|------------------|-----------|------|----------------------|----------|----------------|---------------|
| 25/10/2025 | 02:46 PM | 7.77 | 11.1             | 4.86      | 3.03 | 357.6                | 195.8    | 0.17           | No            |



## Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|              |                                             |                                                            |                                                    |
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### Discharge Sample results:

**Table 3: Lab Sample**

|                                             |                        |          |                   |                             |                             |
|---------------------------------------------|------------------------|----------|-------------------|-----------------------------|-----------------------------|
| Client Sample ID                            |                        |          | WTP               |                             |                             |
| Date Sampled                                |                        |          | 20-Oct-2025       |                             |                             |
| Time Sampled                                |                        |          | 13:00             |                             |                             |
| ALS Sample ID                               |                        |          | VA25C7812-001     |                             |                             |
| Analyte                                     | Lowest Detection Limit | Units    | Sub-Matrix: Water | ST-FAL                      | ST-MAL                      |
|                                             |                        |          |                   |                             |                             |
| <b>Field Tests (Matrix: Water)</b>          |                        |          |                   |                             |                             |
| Temperature, field                          | 0.10                   | °C       | 18.0              |                             |                             |
| pH, field                                   | 0.10                   | pH units | 7.60              |                             |                             |
|                                             |                        |          |                   |                             |                             |
| <b>Sample Preparation (Matrix: Water)</b>   |                        |          |                   |                             |                             |
| Dissolved carbon filtration location        |                        |          | lab               |                             |                             |
|                                             |                        |          |                   |                             |                             |
| <b>Physical Tests (Matrix: Water)</b>       |                        |          |                   |                             |                             |
| Conductivity                                | 2.0                    | µS/cm    | 301               |                             |                             |
| Alkalinity, bicarbonate (as CaCO3)          | 2.0                    | mg/L     | 58.9              |                             |                             |
| Alkalinity, carbonate (as CaCO3)            | 2.0                    | mg/L     | <2.0              |                             |                             |
| Alkalinity, hydroxide (as CaCO3)            | 2.0                    | mg/L     | <2.0              |                             |                             |
| Alkalinity, phenolphthalein (as CaCO3)      | 2.0                    | mg/L     | <2.0              |                             |                             |
| Alkalinity, total (as CaCO3)                | 2.0                    | mg/L     | 58.9              |                             |                             |
| Hardness (as CaCO3), dissolved              | 0.50                   | mg/L     | 3.94              |                             |                             |
| Hardness (as CaCO3), from total Ca/Mg       | 0.50                   | mg/L     | 3.97              |                             |                             |
| Oxidation-reduction potential [ORP]         | 0.10                   | mV       | 257               |                             |                             |
| Solids, total dissolved [TDS]               | 10                     | mg/L     | 180               |                             |                             |
| Solids, total suspended [TSS]               | 3.0                    | mg/L     | <3.0              |                             |                             |
| Turbidity                                   | 0.10                   | NTU      | 0.19              | US value + 8 = DS guideline | US value + 8 = DS guideline |
| pH                                          | 0.10                   | pH units | 7.74              | 6.5-9                       | 7.0-8.7                     |
|                                             |                        |          |                   |                             |                             |
| <b>Anions and Nutrients (Matrix: Water)</b> |                        |          |                   |                             |                             |
| Ammonia, total (as N)                       | 0.0050                 | mg/L     | 0.0190            | 44                          |                             |



## Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|              |                                             |                                                            |                                                    |
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| <b>Date</b>  | <b>October 25, 2025</b>                     | <b>Prepared by:</b><br><b>Reviewed by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC1</b><br><b>October 26, 2025</b> |

|                                                   |           |      |            |         |       |
|---------------------------------------------------|-----------|------|------------|---------|-------|
| Bromide                                           | 0.050     | mg/L | 0.169      |         |       |
| Chloride                                          | 0.50      | mg/L | 54.4       | 600     |       |
| Fluoride                                          | 0.020     | mg/L | 0.235      | 0.793   | 1.5   |
| Nitrate (as N)                                    | 0.0050    | mg/L | 0.0964     | 32.8    |       |
| Nitrite (as N)                                    | 0.0010    | mg/L | <0.0010    | 0.06    |       |
| Nitrogen, total                                   | 0.030     | mg/L | 0.212      |         |       |
| Phosphorus, total                                 | 0.0020    | mg/L | 0.121      |         |       |
| Sulfate (as SO4)                                  | 0.30      | mg/L | 3.40       |         |       |
| Ammonium (as NH4), field                          | 0.0010    | mg/L | 0.0241     |         |       |
|                                                   |           |      |            |         |       |
| <b>Organic / Inorganic Carbon (Matrix: Water)</b> |           |      |            |         |       |
| Carbon, dissolved organic [DOC]                   | 0.50      | mg/L | 1.14       |         |       |
| Carbon, total organic [TOC]                       | 0.50      | mg/L | 1.17       |         |       |
|                                                   |           |      |            |         |       |
| <b>Total Metals (Matrix: Water)</b>               |           |      |            |         |       |
| Aluminum, total                                   | 0.0030    | mg/L | 0.0449     |         |       |
| Antimony, total                                   | 0.00010   | mg/L | 0.00015    | 0.25    |       |
| Arsenic, total                                    | 0.00010   | mg/L | 0.00023    |         |       |
| Barium, total                                     | 0.00010   | mg/L | 0.00102    |         |       |
| Beryllium, total                                  | 0.000020  | mg/L | <0.000020  |         |       |
| Bismuth, total                                    | 0.000050  | mg/L | <0.000050  |         |       |
| Boron, total                                      | 0.010     | mg/L | <0.010     |         |       |
| Cadmium, total                                    | 0.0000050 | mg/L | <0.0000050 |         |       |
| Calcium, total                                    | 0.050     | mg/L | 0.874      |         |       |
| Cesium, total                                     | 0.000010  | mg/L | 0.000022   |         |       |
| Chromium, total                                   | 0.00050   | mg/L | <0.00050   |         |       |
| Cobalt, total                                     | 0.00010   | mg/L | <0.00010   | 0.00039 |       |
| Copper, total                                     | 0.00050   | mg/L | 0.00093    |         | 0.003 |
| Iron, total                                       | 0.010     | mg/L | 0.091      | 1       |       |
| Lead, total                                       | 0.000050  | mg/L | <0.000050  |         | 0.14  |
| Lithium, total                                    | 0.0010    | mg/L | 0.0011     |         |       |
| Magnesium, total                                  | 0.0050    | mg/L | 0.435      |         |       |
| Manganese, total                                  | 0.00010   | mg/L | 0.00018    | 0.715   |       |
| Mercury, total                                    | 0.0000050 | mg/L | <0.0000050 |         |       |
| Molybdenum, total                                 | 0.000050  | mg/L | 0.0155     | 46      |       |



## Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|              |                                             |                                                            |                                                    |
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|                                         |           |      |            |          |       |
|-----------------------------------------|-----------|------|------------|----------|-------|
| Nickel, total                           | 0.00050   | mg/L | <0.00050   |          |       |
| Phosphorus, total                       | 0.050     | mg/L | 0.136      |          |       |
| Potassium, total                        | 0.050     | mg/L | 4.20       |          |       |
| Rubidium, total                         | 0.00020   | mg/L | 0.00101    |          |       |
| Selenium, total                         | 0.000050  | mg/L | <0.000050  |          |       |
| Silicon, total                          | 0.10      | mg/L | 9.74       |          |       |
| Silver, total                           | 0.000010  | mg/L | <0.000010  | 0.0001   | 0.003 |
| Sodium, total                           | 0.050     | mg/L | 57.1       |          |       |
| Strontium, total                        | 0.00020   | mg/L | 0.0112     |          |       |
| Sulfur, total                           | 0.50      | mg/L | 1.13       |          |       |
| Tellurium, total                        | 0.00020   | mg/L | <0.00020   |          |       |
| Thallium, total                         | 0.000010  | mg/L | <0.000010  |          |       |
| Thorium, total                          | 0.00010   | mg/L | <0.00010   |          |       |
| Tin, total                              | 0.00010   | mg/L | <0.00010   |          |       |
| Titanium, total                         | 0.00030   | mg/L | <0.00030   |          |       |
| Tungsten, total                         | 0.00010   | mg/L | 0.00014    | 0.0165   |       |
| Uranium, total                          | 0.000010  | mg/L | <0.000010  |          |       |
| Vanadium, total                         | 0.00050   | mg/L | 0.00343    |          |       |
| Zinc, total                             | 0.0030    | mg/L | 0.0040     |          | 0.055 |
| Zirconium, total                        | 0.00020   | mg/L | <0.00020   |          |       |
|                                         |           |      |            |          |       |
| <b>Dissolved Metals (Matrix: Water)</b> |           |      |            |          |       |
| Aluminum, dissolved                     | 0.0010    | mg/L | 0.0452     |          |       |
| Antimony, dissolved                     | 0.00010   | mg/L | 0.00014    |          |       |
| Arsenic, dissolved                      | 0.00010   | mg/L | 0.00023    |          |       |
| Barium, dissolved                       | 0.00010   | mg/L | 0.00110    |          |       |
| Beryllium, dissolved                    | 0.000020  | mg/L | <0.000020  |          |       |
| Bismuth, dissolved                      | 0.000050  | mg/L | <0.000050  |          |       |
| Boron, dissolved                        | 0.010     | mg/L | <0.010     |          |       |
| Cadmium, dissolved                      | 0.0000050 | mg/L | <0.0000050 | 0.000107 |       |
| Calcium, dissolved                      | 0.050     | mg/L | 0.866      |          |       |
| Cesium, dissolved                       | 0.000010  | mg/L | 0.000022   |          |       |
| Chromium, dissolved                     | 0.00050   | mg/L | <0.00050   |          |       |
| Cobalt, dissolved                       | 0.00010   | mg/L | <0.00010   |          |       |
| Copper, dissolved                       | 0.00020   | mg/L | 0.00089    | 0.00219  |       |



## Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|              |                                             |                                                            |                                                    |
|--------------|---------------------------------------------|------------------------------------------------------------|----------------------------------------------------|
| <b>Title</b> | <b>BC Rail Batch Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                           |
| <b>Date</b>  | <b>October 25, 2025</b>                     | <b>Prepared by:</b><br><b>Reviewed by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC1</b><br><b>October 26, 2025</b> |

|                                                   |           |      |            |         |  |
|---------------------------------------------------|-----------|------|------------|---------|--|
| Iron, dissolved                                   | 0.010     | mg/L | 0.086      | 0.35    |  |
| Lead, dissolved                                   | 0.000050  | mg/L | <0.000050  |         |  |
| Lithium, dissolved                                | 0.0010    | mg/L | 0.0010     |         |  |
| Magnesium, dissolved                              | 0.0050    | mg/L | 0.432      |         |  |
| Manganese, dissolved                              | 0.00010   | mg/L | 0.00035    |         |  |
| Mercury, dissolved                                | 0.0000050 | mg/L | <0.0000050 |         |  |
| Molybdenum, dissolved                             | 0.000050  | mg/L | 0.0155     |         |  |
| Nickel, dissolved                                 | 0.00050   | mg/L | 0.00053    | 0.0095  |  |
| Phosphorus, dissolved                             | 0.050     | mg/L | 0.122      |         |  |
| Potassium, dissolved                              | 0.050     | mg/L | 4.22       |         |  |
| Rubidium, dissolved                               | 0.00020   | mg/L | 0.00104    |         |  |
| Selenium, dissolved                               | 0.000050  | mg/L | <0.000050  |         |  |
| Silicon, dissolved                                | 0.050     | mg/L | 9.83       |         |  |
| Silver, dissolved                                 | 0.000010  | mg/L | <0.000010  |         |  |
| Sodium, dissolved                                 | 0.050     | mg/L | 57.4       |         |  |
| Strontium, dissolved                              | 0.00020   | mg/L | 0.0110     |         |  |
| Sulfur, dissolved                                 | 0.50      | mg/L | 1.10       |         |  |
| Tellurium, dissolved                              | 0.00020   | mg/L | <0.00020   |         |  |
| Thallium, dissolved                               | 0.000010  | mg/L | <0.000010  |         |  |
| Thorium, dissolved                                | 0.00010   | mg/L | <0.00010   |         |  |
| Tin, dissolved                                    | 0.00010   | mg/L | <0.00010   |         |  |
| Titanium, dissolved                               | 0.00030   | mg/L | 0.00056    |         |  |
| Tungsten, dissolved                               | 0.00010   | mg/L | 0.00013    |         |  |
| Uranium, dissolved                                | 0.000010  | mg/L | <0.000010  |         |  |
| Vanadium, dissolved                               | 0.00050   | mg/L | 0.00330    |         |  |
| Zinc, dissolved                                   | 0.0010    | mg/L | 0.0034     | 0.00879 |  |
| Zirconium, dissolved                              | 0.00030   | mg/L | <0.00030   |         |  |
| Dissolved mercury filtration location             |           |      | Field      |         |  |
| Dissolved metals filtration location              |           |      | Field      |         |  |
|                                                   |           |      |            |         |  |
| <b>Aggregate Organics (Matrix: Water)</b>         |           |      |            |         |  |
| Phenols, total (4AAP)                             | 0.0010    | mg/L | <0.0010    |         |  |
|                                                   |           |      |            |         |  |
| <b>Volatile Organic Compounds (Matrix: Water)</b> |           |      |            |         |  |
| Chlorobenzene                                     | 0.50      | µg/L | <0.50      |         |  |

|              |                                             |                                                            |                                                    |
|--------------|---------------------------------------------|------------------------------------------------------------|----------------------------------------------------|
| <b>Title</b> | <b>BC Rail Batch Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                           |
| <b>Date</b>  | <b>October 25, 2025</b>                     | <b>Prepared by:</b><br><b>Reviewed by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC1</b><br><b>October 26, 2025</b> |

|                                                                 |      |      |       |  |  |
|-----------------------------------------------------------------|------|------|-------|--|--|
| Chloromethane                                                   | 5.0  | µg/L | <5.0  |  |  |
| Dichlorobenzene, 1,2-                                           | 0.50 | µg/L | <0.50 |  |  |
| Dichlorobenzene, 1,3-                                           | 0.50 | µg/L | <0.50 |  |  |
| Dichlorobenzene, 1,4-                                           | 0.50 | µg/L | <0.50 |  |  |
| Dichloropropane, 1,2-                                           | 0.50 | µg/L | <0.50 |  |  |
| Dichloropropylene, cis+trans-1,3-                               | 0.75 | µg/L | <0.75 |  |  |
| Dichloropropylene, cis-1,3-                                     | 0.50 | µg/L | <0.50 |  |  |
| Tetrachloroethane, 1,1,1,2-                                     | 0.50 | µg/L | <0.50 |  |  |
| Tetrachloroethane, 1,1,2,2-                                     | 0.20 | µg/L | <0.20 |  |  |
| Trichloroethane, 1,1,2-                                         | 0.50 | µg/L | <0.50 |  |  |
| Trichlorofluoromethane                                          | 0.50 | µg/L | <0.50 |  |  |
|                                                                 |      |      |       |  |  |
| <b>Volatile Organic Compounds [Drycleaning] (Matrix: Water)</b> |      |      |       |  |  |
| Carbon tetrachloride                                            | 0.50 | µg/L | <0.50 |  |  |
| Chloroethane                                                    | 0.50 | µg/L | <0.50 |  |  |
| Dichloroethane, 1,1-                                            | 0.50 | µg/L | <0.50 |  |  |
| Dichloroethane, 1,2-                                            | 0.50 | µg/L | <0.50 |  |  |
| Dichloroethylene, 1,1-                                          | 0.50 | µg/L | <0.50 |  |  |
| Dichloroethylene, cis-1,2-                                      | 0.50 | µg/L | <0.50 |  |  |
| Dichloroethylene, trans-1,2-                                    | 0.50 | µg/L | <0.50 |  |  |
| Dichloromethane                                                 | 1.0  | µg/L | <1.0  |  |  |
| Dichloropropylene, trans-1,3-                                   | 0.50 | µg/L | <0.50 |  |  |
| Tetrachloroethylene                                             | 0.50 | µg/L | <0.50 |  |  |
| Trichloroethane, 1,1,1-                                         | 0.50 | µg/L | <0.50 |  |  |
| Trichloroethylene                                               | 0.50 | µg/L | <0.50 |  |  |
| Vinyl chloride                                                  | 0.40 | µg/L | <0.40 |  |  |
|                                                                 |      |      |       |  |  |
| <b>Volatile Organic Compounds [Fuels] (Matrix: Water)</b>       |      |      |       |  |  |
| Benzene                                                         | 0.50 | µg/L | <0.50 |  |  |
| Ethylbenzene                                                    | 0.50 | µg/L | <0.50 |  |  |
| Methyl-tert-butyl ether [MTBE]                                  | 0.50 | µg/L | <0.50 |  |  |
| Styrene                                                         | 0.50 | µg/L | <0.50 |  |  |
| Toluene                                                         | 0.40 | µg/L | <0.40 |  |  |
| Xylene, m+p-                                                    | 0.40 | µg/L | <0.40 |  |  |

|              |                                             |                                                            |                                                    |
|--------------|---------------------------------------------|------------------------------------------------------------|----------------------------------------------------|
| <b>Title</b> | <b>BC Rail Batch Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                           |
| <b>Date</b>  | <b>October 25, 2025</b>                     | <b>Prepared by:</b><br><b>Reviewed by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC1</b><br><b>October 26, 2025</b> |

|                                                              |        |      |         |  |  |
|--------------------------------------------------------------|--------|------|---------|--|--|
| Xylene, o-                                                   | 0.30   | µg/L | <0.30   |  |  |
| Xylenes, total                                               | 0.50   | µg/L | <0.50   |  |  |
|                                                              |        |      |         |  |  |
| <b>Volatile Organic Compounds [THMs] (Matrix: Water)</b>     |        |      |         |  |  |
| Bromodichloromethane                                         | 0.50   | µg/L | <0.50   |  |  |
| Bromoform                                                    | 0.50   | µg/L | <0.50   |  |  |
| Chloroform                                                   | 0.50   | µg/L | <0.50   |  |  |
| Dibromochloromethane                                         | 0.50   | µg/L | <0.50   |  |  |
|                                                              |        |      |         |  |  |
| <b>Hydrocarbons (Matrix: Water)</b>                          |        |      |         |  |  |
| EPH (C10-C19)                                                | 250    | µg/L | <250    |  |  |
| EPH (C19-C32)                                                | 250    | µg/L | <250    |  |  |
| VHw (C6-C10)                                                 | 100    | µg/L | <100    |  |  |
| LEPHw                                                        | 250    | µg/L | <250    |  |  |
| VPHw                                                         | 100    | µg/L | <100    |  |  |
| HEPHw                                                        | 250    | µg/L | <250    |  |  |
|                                                              |        |      |         |  |  |
| <b>Hydrocarbons Surrogates (Matrix: Water)</b>               |        |      |         |  |  |
| Bromobenzotrifluoride, 2- (EPH surrogate)                    | 1.0    | %    | 85.8    |  |  |
| Dichlorotoluene, 3,4-                                        | 1.0    | %    | 91.8    |  |  |
|                                                              |        |      |         |  |  |
| <b>Volatile Organic Compounds Surrogates (Matrix: Water)</b> |        |      |         |  |  |
| Bromofluorobenzene, 4-                                       | 1.0    | %    | 88.7    |  |  |
| Difluorobenzene, 1,4-                                        | 1.0    | %    | 99.6    |  |  |
|                                                              |        |      |         |  |  |
| <b>Polycyclic Aromatic Hydrocarbons (Matrix: Water)</b>      |        |      |         |  |  |
| Acenaphthene                                                 | 0.010  | µg/L | <0.010  |  |  |
| Acenaphthylene                                               | 0.010  | µg/L | <0.010  |  |  |
| Acridine                                                     | 0.010  | µg/L | <0.010  |  |  |
| Anthracene                                                   | 0.010  | µg/L | <0.010  |  |  |
| Benz(a)anthracene                                            | 0.010  | µg/L | <0.010  |  |  |
| Benzo(a)pyrene                                               | 0.0050 | µg/L | <0.0050 |  |  |
| Benzo(b+j)fluoranthene                                       | 0.010  | µg/L | <0.010  |  |  |
| Benzo(b+j+k)fluoranthene                                     | 0.015  | µg/L | <0.015  |  |  |





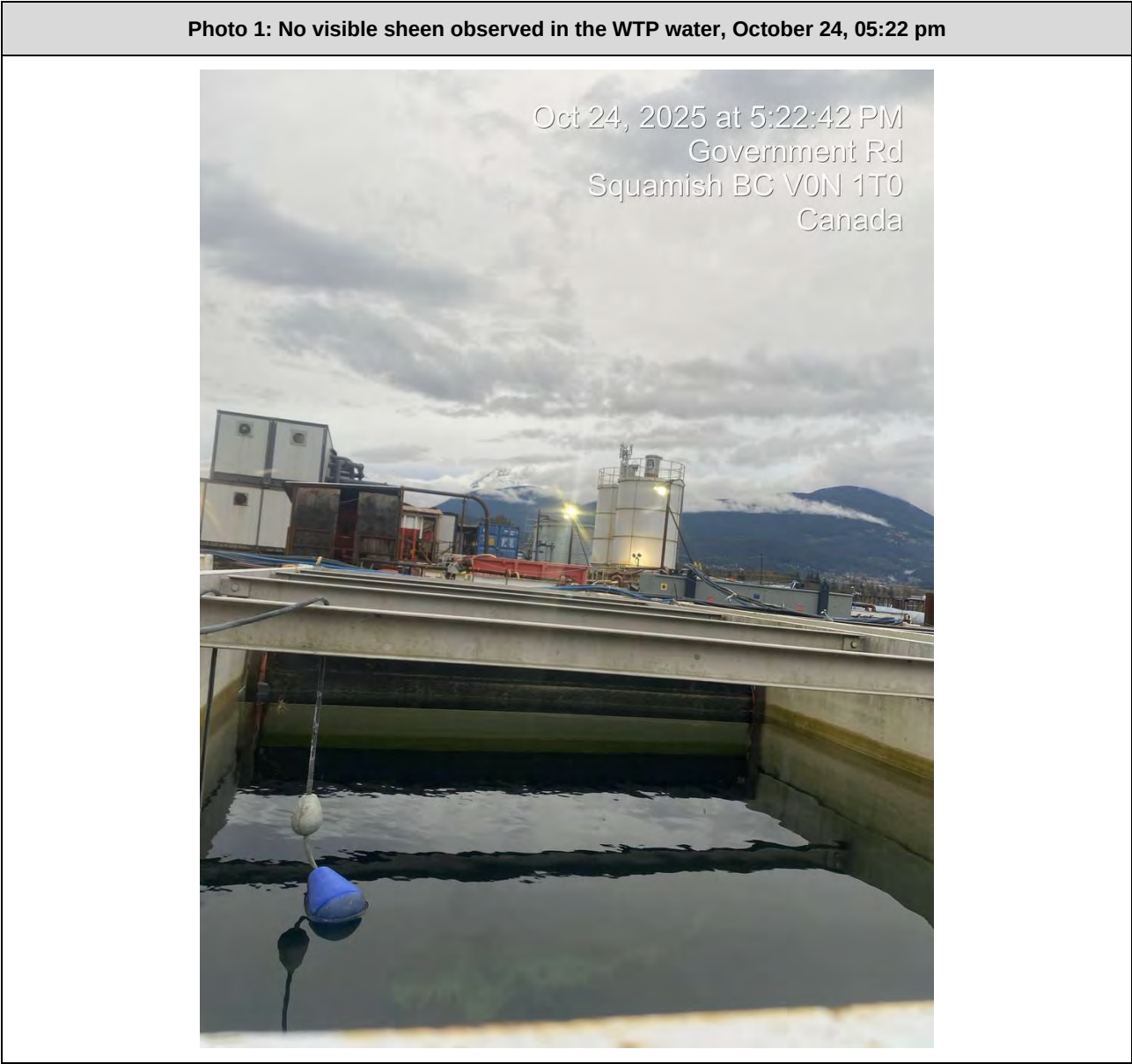
# Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|              |                                             |                                                            |                                                    |
|--------------|---------------------------------------------|------------------------------------------------------------|----------------------------------------------------|
| <b>Title</b> | <b>BC Rail Batch Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                           |
| <b>Date</b>  | <b>October 25, 2025</b>                     | <b>Prepared by:</b><br><b>Reviewed by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC1</b><br><b>October 26, 2025</b> |

|                                                                    |        |      |         |  |  |
|--------------------------------------------------------------------|--------|------|---------|--|--|
| Benzo(g,h,i)perylene                                               | 0.010  | µg/L | <0.010  |  |  |
| Benzo(k)fluoranthene                                               | 0.010  | µg/L | <0.010  |  |  |
| Chrysene                                                           | 0.010  | µg/L | <0.010  |  |  |
| Dibenz(a,h)anthracene                                              | 0.0050 | µg/L | <0.0050 |  |  |
| Fluoranthene                                                       | 0.010  | µg/L | <0.010  |  |  |
| Fluorene                                                           | 0.010  | µg/L | <0.010  |  |  |
| Indeno(1,2,3-c,d)pyrene                                            | 0.010  | µg/L | <0.010  |  |  |
| Methylnaphthalene, 1-                                              | 0.010  | µg/L | <0.010  |  |  |
| Methylnaphthalene, 2-                                              | 0.010  | µg/L | <0.010  |  |  |
| Naphthalene                                                        | 0.050  | µg/L | <0.050  |  |  |
| Phenanthrene                                                       | 0.020  | µg/L | <0.020  |  |  |
| Pyrene                                                             | 0.010  | µg/L | <0.010  |  |  |
| Quinoline                                                          | 0.050  | µg/L | <0.050  |  |  |
|                                                                    |        |      |         |  |  |
| <b>Polycyclic Aromatic Hydrocarbons Surrogates (Matrix: Water)</b> |        |      |         |  |  |
| Chrysene-d12                                                       | 0.1    | %    | 96.0    |  |  |
| Naphthalene-d8                                                     | 0.1    | %    | 96.6    |  |  |
| Phenanthrene-d10                                                   | 0.1    | %    | 104     |  |  |
|                                                                    |        |      |         |  |  |
| <b>Glycols (Matrix: Water)</b>                                     |        |      |         |  |  |
| Diethylene glycol                                                  | 5.0    | mg/L | <5.0    |  |  |
| Ethylene glycol                                                    | 5.0    | mg/L | <5.0    |  |  |
| Propylene glycol, 1,2-                                             | 5.0    | mg/L | <5.0    |  |  |
| Triethylene glycol                                                 | 5.0    | mg/L | <5.0    |  |  |
| Glycols, total (EG+DEG+PG)                                         | 10     | mg/L | <10     |  |  |

|                                                                                   |                                      |                                                              |                               |
|-----------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------------------|-------------------------------|
|  |                                      | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope |                               |
| Title                                                                             | BC Rail Batch Water Discharge Report | Revision:                                                    | 0                             |
| Date                                                                              | October 25, 2025                     | Prepared by:<br>Reviewed by:<br>Date:                        | SD<br>BC1<br>October 26, 2025 |

Photo:



|                                                                                                                                                                                      |                |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------|
|  <b>Eagle Mountain - Woodfibre Gas Pipeline Project<br/>Waste Discharge Permit PE-110163 Report</b> | Reporting Week | Oct 20 <sup>th</sup> to Oct 26 <sup>th</sup> , 2025 |
|                                                                                                                                                                                      | Report #       | 83                                                  |
|                                                                                                                                                                                      | Appendix B     | B-1                                                 |

## Appendix B: BCR Site Receiving Environment Documentation

|                                                                                                                                                                                      |                |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------|
|  <b>Eagle Mountain - Woodfibre Gas Pipeline Project<br/>Waste Discharge Permit PE-110163 Report</b> | Reporting Week | Oct 20 <sup>th</sup> to Oct 26 <sup>th</sup> , 2025 |
|                                                                                                                                                                                      | Report #       | 83                                                  |
|                                                                                                                                                                                      | Appendix B     | B-2                                                 |

## BCR Site Receiving Environment Sample Analysis



| Analyte                                  | Unit     | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life<br>- Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life<br>- Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic Life<br>- Long Term Average | SQU US<br>2025-10-21<br>14:05:00 | SQU DS<br>2025-10-21<br>14:34:00 |
|------------------------------------------|----------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|----------------------------------|
| In situ Parameters                       |          |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    |                                  |                                  |
| Field pH                                 | pH Units | 6.5 - 9                                                                                    |                                                                                      |                                                                                           | 7 - 8.7                                                                             |                                                                                  |                                                                                    | 7.06                             | 7.34                             |
| Field Temperature                        | °C       | 18                                                                                         | 19                                                                                   |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 9.8                              | 10.6                             |
| General Parameters                       |          |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    |                                  |                                  |
| pH                                       | pH Units |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 6.38                             | 6.4                              |
| Alkalinity (Total as CaCO <sub>3</sub> ) | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 13                               | 14                               |
| Alkalinity (PP as CaCO <sub>3</sub> )    | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <1                               | <1                               |
| Hardness (CaCO <sub>3</sub> )-Total      | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 16.1                             | 16.4                             |
| Hardness (CaCO <sub>3</sub> )-Dissolved  | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 17.2                             | 17.3                             |
| Sulphide-Total                           | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0018                          | <0.0018                          |
| Sulphide (as H <sub>2</sub> S)           | mg/L     |                                                                                            |                                                                                      | 0.002                                                                                     |                                                                                     |                                                                                  |                                                                                    | <0.002                           | <0.002                           |
| Anions and Nutrients                     |          |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    |                                  |                                  |
| Ammonia (N)-Total                        | mg/L     | 1.83                                                                                       | 14.2                                                                                 |                                                                                           | 12                                                                                  | 191                                                                              |                                                                                    | 0.027                            | 0.021                            |
| Bicarbonate (HCO <sub>3</sub> )          | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 16                               | 17                               |
| Carbonate (CO <sub>3</sub> )             | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <1                               | <1                               |
| Hydroxide (OH)                           | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <1                               | <1                               |
| Nitrate (N)                              | mg/L     | 3                                                                                          | 32.8                                                                                 |                                                                                           | 3.7                                                                                 |                                                                                  |                                                                                    | 0.051                            | 0.054                            |
| Nitrite (N)                              | mg/L     | 0.02                                                                                       | 0.06                                                                                 |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.005                           | <0.005                           |
| Nitrate plus Nitrite (N)                 | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.051                            | 0.054                            |
| Nitrogen (N)-Total                       | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.163                            | 0.148                            |
| Phosphorus (P)-Total (4500-P)            | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.025                            | 0.021                            |
| Bromide (Br)                             | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.01                            | <0.01                            |
| Chloride (Cl)                            | mg/L     | 150                                                                                        | 600                                                                                  |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 2                                | 1.2                              |
| Fluoride (F)                             | mg/L     |                                                                                            | 0.6                                                                                  |                                                                                           |                                                                                     | 1.5                                                                              |                                                                                    | <0.05                            | <0.05                            |
| Sulphate (SO <sub>4</sub> )-Dissolved    | mg/L     | 128                                                                                        |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 4.7                              | 4.5                              |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

<sup>3</sup> **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per <sup>1</sup> and <sup>2</sup> above. Note: Not all exceedances are project related.



| Analyte                      | Unit | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life<br>- Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life<br>- Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic Life<br>- Long Term Average | SQU US<br>2025-10-21<br>14:05:00 | SQU DS<br>2025-10-21<br>14:34:00 |
|------------------------------|------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|----------------------------------|
| Total Metals                 |      |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    |                                  |                                  |
| Aluminum (Al)-Total          | mg/L | 0.064187                                                                                   |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.215                            | 0.299                            |
| Antimony (Sb)-Total          | mg/L | 0.074                                                                                      | 0.25                                                                                 |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00002                         | 0.000044                         |
| Arsenic (As)-Total           | mg/L | 0.005                                                                                      |                                                                                      |                                                                                           | 0.0125                                                                              |                                                                                  |                                                                                    | 0.000151                         | 0.000166                         |
| Barium (Ba)-Total            | mg/L |                                                                                            |                                                                                      | 1                                                                                         |                                                                                     |                                                                                  |                                                                                    | 0.00913                          | 0.0103                           |
| Beryllium (Be)-Total         | mg/L |                                                                                            |                                                                                      | 0.00013                                                                                   |                                                                                     |                                                                                  | 0.1                                                                                | <0.00001                         | <0.00001                         |
| Bismuth (Bi)-Total           | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00001                         | <0.00001                         |
| Boron (B)-Total              | mg/L | 1.2                                                                                        |                                                                                      |                                                                                           | 1.2                                                                                 |                                                                                  |                                                                                    | <0.01                            | <0.01                            |
| Cadmium (Cd)-Total           | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  | 0.00012                                                                            | <0.000005                        | <0.000005                        |
| Calcium (Ca)-Total           | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 5.42                             | 5.44                             |
| Cesium (Cs)-Total            | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00005                         | <0.00005                         |
| Chromium (Cr)-Total          | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0001                          | 0.00014                          |
| Chromium (Cr III)-Total      | mg/L |                                                                                            |                                                                                      | 0.0089                                                                                    |                                                                                     |                                                                                  | 0.056                                                                              | <0.00099                         | <0.00099                         |
| Chromium (Cr VI)-Total       | mg/L |                                                                                            |                                                                                      | 0.0025                                                                                    |                                                                                     |                                                                                  | 0.0015                                                                             | <0.00099                         | <0.00099                         |
| Cobalt (Co)-Total            | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000095                         | 0.000132                         |
| Copper (Cu)-Total            | mg/L |                                                                                            |                                                                                      |                                                                                           | 0.002                                                                               | 0.003                                                                            |                                                                                    | 0.00113                          | 0.0012                           |
| Iron (Fe)-Total              | mg/L |                                                                                            | 1                                                                                    |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.201                            | 0.284                            |
| Lead (Pb)-Total              | mg/L |                                                                                            |                                                                                      |                                                                                           | 0.002                                                                               | 0.14                                                                             |                                                                                    | 0.000049                         | 0.000058                         |
| Lithium (Li)-Total           | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0009                           | 0.00115                          |
| Magnesium (Mg)-Total         | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.63                             | 0.68                             |
| Manganese (Mn)-Total         | mg/L | 0.676                                                                                      | 0.717                                                                                |                                                                                           |                                                                                     |                                                                                  | 0.1                                                                                | 0.00955                          | 0.0119                           |
| Mercury (Hg)-Total           | mg/L | 0.00002                                                                                    |                                                                                      |                                                                                           | 0.00002                                                                             |                                                                                  |                                                                                    | <0.0000019                       | <0.0000019                       |
| Molybdenum (Mo)-Total        | mg/L | 7.6                                                                                        | 46                                                                                   |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000522                         | 0.000481                         |
| Nickel (Ni)-Total            | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  | 0.0083                                                                             | 0.00013                          | 0.00066                          |
| Phosphorus (P)-Total (ICPMS) | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0195                           | 0.0285                           |
| Potassium (K)-Total          | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.53                             | 0.62                             |
| Rubidium (Rb)-Total          | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000898                         | 0.00104                          |
| Selenium (Se)-Total          | mg/L | 0.002                                                                                      |                                                                                      |                                                                                           | 0.002                                                                               |                                                                                  |                                                                                    | <0.00004                         | <0.00004                         |
| Silicon (Si)-Total           | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 4.21                             | 4.22                             |
| Silver (Ag)-Total            | mg/L | 0.00012                                                                                    |                                                                                      |                                                                                           | 0.0005                                                                              | 0.0037                                                                           | 0.0005                                                                             | <0.00001                         | <0.00001                         |
| Sodium (Na)-Total            | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 1.89                             | 2.04                             |
| Strontium (Sr)-Total         | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0354                           | 0.0359                           |
| Sulphur (S)-Total            | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <3                               | <3                               |
| Tellurium (Te)-Total         | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00002                         | <0.00002                         |
| Thallium (Tl)-Total          | mg/L |                                                                                            |                                                                                      | 0.00003                                                                                   |                                                                                     |                                                                                  |                                                                                    | 0.0000024                        | 0.0000031                        |
| Thorium (Th)-Total           | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00005                         | <0.00005                         |
| Tin (Sn)-Total               | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0002                          | <0.0002                          |
| Titanium (Ti)-Total          | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0072                           | 0.0125                           |
| Uranium (U)-Total            | mg/L |                                                                                            | 0.0165                                                                               | 0.0075                                                                                    |                                                                                     |                                                                                  |                                                                                    | 0.0000335                        | 0.0000409                        |
| Vanadium (V)-Total           | mg/L |                                                                                            |                                                                                      | 0.06                                                                                      |                                                                                     |                                                                                  | 0.005                                                                              | 0.00125                          | 0.0013                           |
| Zinc (Zn)-Total              | mg/L |                                                                                            |                                                                                      |                                                                                           | 0.01                                                                                | 0.055                                                                            |                                                                                    | 0.0012                           | 0.0012                           |
| Zirconium (Zr)-Total         | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0001                          | <0.0001                          |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

<sup>3</sup> **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per <sup>1</sup> and <sup>2</sup> above. Note: Not all exceedances are project related.



| Analyte                   | Unit | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life<br>- Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life<br>- Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic Life<br>- Long Term Average | SQU US<br>2025-10-21<br>14:05:00 | SQU DS<br>2025-10-21<br>14:34:00 |
|---------------------------|------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|----------------------------------|
| Dissolved Metals          |      |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    |                                  |                                  |
| Aluminum (Al)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0388                           | 0.0391                           |
| Antimony (Sb)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00002                         | <0.00002                         |
| Arsenic (As)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000147                         | 0.000148                         |
| Barium (Ba)-Dissolved     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.00778                          | 0.0082                           |
| Beryllium (Be)-Dissolved  | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00001                         | <0.00001                         |
| Bismuth (Bi)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.000005                        | <0.000005                        |
| Boron (B)-Dissolved       | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.01                            | <0.01                            |
| Cadmium (Cd)-Dissolved    | mg/L | 0.000055                                                                                   | 0.00009                                                                              |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0000089                        | 0.0000083                        |
| Calcium (Ca)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 5.79                             | 5.82                             |
| Cesium (Cs)-Dissolved     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00005                         | <0.00005                         |
| Chromium (Cr)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0001                          | <0.0001                          |
| Cobalt (Co)-Dissolved     | mg/L | 0.000389                                                                                   |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0000468                        | 0.0000535                        |
| Copper (Cu)-Dissolved     | mg/L | 0.00025                                                                                    | 0.00157                                                                              |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <b>0.000741</b>                  | <b>0.000719</b>                  |
| Iron (Fe)-Dissolved       | mg/L |                                                                                            | 0.35                                                                                 |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0584                           | 0.0671                           |
| Lead (Pb)-Dissolved       | mg/L | 0.001847                                                                                   |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0000117                        | 0.0000119                        |
| Lithium (Li)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.00086                          | 0.00129                          |
| Manganese (Mn)-Dissolved  | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.00704                          | 0.00807                          |
| Magnesium (Mg)-Dissolved  | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.661                            | 0.664                            |
| Mercury (Hg)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0000019                       | <0.0000019                       |
| Molybdenum (Mo)-Dissolved | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000569                         | 0.00052                          |
| Nickel (Ni)-Dissolved     | mg/L | 0.0006                                                                                     | 0.0096                                                                               |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000106                         | 0.000147                         |
| Phosphorus (P)-Dissolved  | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0094                           | 0.0061                           |
| Potassium (K)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.544                            | 0.639                            |
| Rubidium (Rb)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000862                         | 0.000917                         |
| Selenium (Se)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00004                         | <0.00004                         |
| Silicon (Si)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 4.28                             | 4.3                              |
| Silver (Ag)-Dissolved     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.000005                        | <0.000005                        |
| Sodium (Na)-Dissolved     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 2.13                             | 2.19                             |
| Strontium (Sr)-Dissolved  | mg/L |                                                                                            |                                                                                      | 1.25                                                                                      |                                                                                     |                                                                                  |                                                                                    | 0.0382                           | 0.0371                           |
| Sulphur (S)-Dissolved     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <3                               | <3                               |
| Tellurium (Te)-Dissolved  | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00002                         | <0.00002                         |
| Thallium (Tl)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.000002                        | 0.0000028                        |
| Thorium (Th)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0000085                        | 0.0000056                        |
| Tin (Sn)-Dissolved        | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0002                          | <0.0002                          |
| Titanium (Ti)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0005                          | <0.0005                          |
| Uranium (U)-Dissolved     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0000297                        | 0.0000295                        |
| Vanadium (V)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.00105                          | 0.00094                          |
| Zinc (Zn)-Dissolved       | mg/L | 0.003147                                                                                   | 0.009862                                                                             |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.00059                          | 0.00096                          |
| Zirconium (Zr)-Dissolved  | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0001                          | <0.0001                          |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

<sup>3</sup> **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per <sup>1</sup> and <sup>2</sup> above. Note: Not all exceedances are project related.



| Analyte                      | Unit | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life<br>- Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life<br>- Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic Life<br>- Long Term Average | SQU US<br>2025-10-21<br>14:05:00 | SQU DS<br>2025-10-21<br>14:34:00 |
|------------------------------|------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|----------------------------------|
| Inorganics                   |      |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    |                                  |                                  |
| Organic Carbon (C)-Total     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 1.9                              | 1.8                              |
| Organic Carbon (C)-Dissolved | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 1.8                              | 1.7                              |
| Solids-Total Dissolved       | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 40                               | 36                               |
| Solids-Total Suspended       | mg/L | 25                                                                                         | 45                                                                                   |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 20                               | 23                               |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

<sup>3</sup> **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per <sup>1</sup> and <sup>2</sup> above. Note: Not all exceedances are project related.



|                                                                                                                                                                                      |                |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------|
|  <b>Eagle Mountain - Woodfibre Gas Pipeline Project<br/>Waste Discharge Permit PE-110163 Report</b> | Reporting Week | Oct 20 <sup>th</sup> to Oct 26 <sup>th</sup> , 2025 |
|                                                                                                                                                                                      | Report #       | 83                                                  |
|                                                                                                                                                                                      | Appendix B     | B-3                                                 |

## BCR Site Receiving Environment Field Notes and Logs

# Water Quality Field Data Sheet



Project: FORTIS11234

## Location Information

|            |                       |          |                         |
|------------|-----------------------|----------|-------------------------|
| Site ID:   | <u>SQU DS</u>         | Date:    | <u>October 21, 2025</u> |
| Site Name: | <u>Squamish River</u> | Time:    | <u>14:34</u>            |
| Site UTM:  | Zone: <u>E:</u>       | Crew:    | <u>ME, HM</u>           |
| (NAD83)    | N: <u></u>            | Weather: | <u>Clear</u>            |

## In Situ Parameters

|                          |                  |       |                 |
|--------------------------|------------------|-------|-----------------|
| pH:                      | <u>7.34</u>      | DO:   | <u>-</u> (mg/L) |
| Temp.:                   | <u>10.6</u> (°C) | Cond: | <u>51</u> (us)  |
| Turbidity:               | <u>7.62</u> NTU  |       |                 |
| Visible Sheen:           | <u>N</u>         |       |                 |
| Water Surface Condition: | <u>Turbid</u>    |       |                 |

## Photo Record

Photo



## Observations

Slow flow.

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# Water Quality Field Data Sheet



Project: FORTIS11234

| Location Information |                       |  |                               |
|----------------------|-----------------------|--|-------------------------------|
| Site ID:             | <u>SQU US</u>         |  | Date: <u>October 21, 2025</u> |
| Site Name:           | <u>Squamish River</u> |  | Time: <u>14:05</u>            |
| Site UTM:            | Zone: <u>E:</u>       |  | Crew: <u>ME, HM</u>           |
| (NAD83)              | N: <u></u>            |  | Weather: <u>Clear</u>         |

| In Situ Parameters       |                 |       |                 |
|--------------------------|-----------------|-------|-----------------|
| pH:                      | <u>7.06</u>     | DO:   | <u>-</u> (mg/L) |
| Temp.:                   | <u>9.8</u> (°C) | Cond: | <u>55</u> (us)  |
| Turbidity:               | <u>8.2</u> NTU  |       |                 |
| Visible Sheen:           | <u>N</u>        |       |                 |
| Water Surface Condition: | <u>Turbid</u>   |       |                 |



| Observations                                 |
|----------------------------------------------|
| <u>Slow flow, low water</u>                  |
| <u>Field blank sample collected at 14:10</u> |
| <u></u>                                      |
| <u></u>                                      |
| <u></u>                                      |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-20 00:00:00 | 7.00            | 47.98                         | 0.50    | 7.32          | 10.92                   | 37.85           | 0.02           |
| SQU-DS         | 2025-10-20 00:15:00 | 7.00            | 47.81                         | 0.50    | 7.33          | 10.94                   | 33.65           | 0.02           |
| SQU-DS         | 2025-10-20 00:30:00 | 7.00            | 47.81                         | 0.50    | 7.33          | 10.93                   | 41.57           | 0.02           |
| SQU-DS         | 2025-10-20 00:45:00 | 7.00            | 47.64                         | 0.50    | 7.33          | 10.93                   | 33.86           | 0.02           |
| SQU-DS         | 2025-10-20 01:00:00 | 7.00            | 47.74                         | 0.50    | 7.31          | 10.94                   | 32.74           | 0.02           |
| SQU-DS         | 2025-10-20 01:15:00 | 6.99            | 47.50                         | 0.50    | 7.32          | 10.94                   | 40.37           | 0.02           |
| SQU-DS         | 2025-10-20 01:30:00 | 6.99            | 47.55                         | 0.50    | 7.32          | 10.93                   | 29.72           | 0.02           |
| SQU-DS         | 2025-10-20 01:45:00 | 6.98            | 47.50                         | 0.50    | 7.31          | 10.95                   | 36.72           | 0.02           |
| SQU-DS         | 2025-10-20 02:00:00 | 6.98            | 47.45                         | 0.50    | 7.32          | 10.95                   | 38.86           | 0.02           |
| SQU-DS         | 2025-10-20 02:15:00 | 6.98            | 47.44                         | 0.50    | 7.32          | 10.95                   | 33.15           | 0.02           |
| SQU-DS         | 2025-10-20 02:30:00 | 6.97            | 47.44                         | 0.50    | 7.31          | 10.95                   | 40.45           | 0.02           |
| SQU-DS         | 2025-10-20 02:45:00 | 6.96            | 47.28                         | 0.50    | 7.32          | 10.94                   | 39.50           | 0.02           |
| SQU-DS         | 2025-10-20 03:00:00 | 6.96            | 47.47                         | 0.50    | 7.30          | 10.96                   | 40.28           | 0.02           |
| SQU-DS         | 2025-10-20 03:15:00 | 6.96            | 47.44                         | 0.50    | 7.32          | 10.95                   | 36.18           | 0.02           |
| SQU-DS         | 2025-10-20 03:30:00 | 6.95            | 47.38                         | 0.50    | 7.30          | 10.97                   | 39.38           | 0.02           |
| SQU-DS         | 2025-10-20 03:45:00 | 6.95            | 47.41                         | 0.50    | 7.31          | 10.97                   | 37.87           | 0.02           |
| SQU-DS         | 2025-10-20 04:00:00 | 6.95            | 47.46                         | 0.50    | 7.32          | 10.95                   | 31.44           | 0.02           |
| SQU-DS         | 2025-10-20 04:15:00 | 6.94            | 47.32                         | 0.50    | 7.32          | 10.97                   | 36.35           | 0.02           |
| SQU-DS         | 2025-10-20 04:30:00 | 6.93            | 47.14                         | 0.50    | 7.33          | 10.98                   | 37.66           | 0.02           |
| SQU-DS         | 2025-10-20 04:45:00 | 6.92            | 46.95                         | 0.50    | 7.32          | 10.99                   | 38.46           | 0.02           |
| SQU-DS         | 2025-10-20 05:00:00 | 6.91            | 47.05                         | 0.50    | 7.35          | 10.98                   | 35.28           | 0.02           |
| SQU-DS         | 2025-10-20 05:15:00 | 6.89            | 46.80                         | 0.50    | 7.34          | 11.02                   | 32.59           | 0.02           |
| SQU-DS         | 2025-10-20 05:30:00 | 6.88            | 46.64                         | 0.50    | 7.34          | 11.00                   | 30.26           | 0.02           |
| SQU-DS         | 2025-10-20 05:45:00 | 6.86            | 46.64                         | 0.51    | 7.35          | 11.01                   | 27.19           | 0.02           |
| SQU-DS         | 2025-10-20 06:00:00 | 6.86            | 47.19                         | 0.51    | 7.36          | 10.99                   | 31.59           | 0.02           |
| SQU-DS         | 2025-10-20 06:15:00 | 6.84            | 47.12                         | 0.51    | 7.34          | 11.00                   | 32.15           | 0.02           |
| SQU-DS         | 2025-10-20 06:30:00 | 6.84            | 48.07                         | 0.51    | 7.34          | 11.01                   | 30.20           | 0.02           |
| SQU-DS         | 2025-10-20 06:45:00 | 6.84            | 48.35                         | 0.51    | 7.35          | 10.97                   | 34.36           | 0.02           |
| SQU-DS         | 2025-10-20 07:00:00 | 6.83            | 48.72                         | 0.50    | 7.34          | 10.99                   | 39.04           | 0.02           |
| SQU-DS         | 2025-10-20 07:15:00 | 6.84            | 48.99                         | 0.50    | 7.34          | 11.00                   | 36.08           | 0.02           |
| SQU-DS         | 2025-10-20 07:30:00 | 6.85            | 49.63                         | 0.50    | 7.33          | 10.96                   | 36.32           | 0.02           |
| SQU-DS         | 2025-10-20 07:45:00 | 6.87            | 50.36                         | 0.50    | 7.30          | 10.96                   | 38.59           | 0.02           |
| SQU-DS         | 2025-10-20 08:00:00 | 6.87            | 50.48                         | 0.50    | 7.32          | 10.93                   | 26.05           | 0.02           |
| SQU-DS         | 2025-10-20 08:15:00 | 6.87            | 50.35                         | 0.50    | 7.32          | 10.91                   | 33.86           | 0.02           |
| SQU-DS         | 2025-10-20 08:30:00 | 6.88            | 50.57                         | 0.50    | 7.30          | 10.92                   | 29.87           | 0.02           |
| SQU-DS         | 2025-10-20 08:45:00 | 6.87            | 50.22                         | 0.50    | 7.30          | 10.90                   | 32.61           | 0.02           |
| SQU-DS         | 2025-10-20 09:00:00 | 6.88            | 50.01                         | 0.50    | 7.29          | 10.94                   | 38.47           | 0.02           |
| SQU-DS         | 2025-10-20 09:15:00 | 6.90            | 50.07                         | 0.50    | 7.27          | 10.93                   | 35.11           | 0.02           |
| SQU-DS         | 2025-10-20 09:30:00 | 6.92            | 50.08                         | 0.50    | 7.27          | 10.92                   | 34.29           | 0.02           |
| SQU-DS         | 2025-10-20 09:45:00 | 6.94            | 50.05                         | 0.50    | 7.26          | 10.92                   | 28.37           | 0.02           |
| SQU-DS         | 2025-10-20 10:00:00 | 6.96            | 49.91                         | 0.50    | 7.27          | 10.93                   | 38.33           | 0.02           |
| SQU-DS         | 2025-10-20 10:15:00 | 6.98            | 49.90                         | 0.50    | 7.27          | 10.95                   | 31.71           | 0.02           |
| SQU-DS         | 2025-10-20 10:30:00 | 6.98            | 49.91                         | 0.50    | 7.28          | 10.96                   | 39.21           | 0.02           |
| SQU-DS         | 2025-10-20 10:45:00 | 6.99            | 49.96                         | 0.50    | 7.27          | 10.99                   | 31.51           | 0.02           |
| SQU-DS         | 2025-10-20 11:00:00 | 7.02            | 50.00                         | 0.50    | 7.28          | 10.98                   | 27.91           | 0.02           |
| SQU-DS         | 2025-10-20 11:15:00 | 7.05            | 49.88                         | 0.50    | 7.29          | 10.98                   | 36.46           | 0.02           |
| SQU-DS         | 2025-10-20 11:30:00 | 7.08            | 49.63                         | 0.50    | 7.28          | 10.98                   | 35.48           | 0.02           |
| SQU-DS         | 2025-10-20 11:45:00 | 7.08            | 49.60                         | 0.50    | 7.28          | 10.99                   | 35.85           | 0.02           |
| SQU-DS         | 2025-10-20 12:00:00 | 7.07            | 49.39                         | 0.50    | 7.29          | 11.00                   | 45.00           | 0.02           |
| SQU-DS         | 2025-10-20 12:15:00 | 7.07            | 49.36                         | 0.50    | 7.28          | 10.99                   | 45.61           | 0.02           |
| SQU-DS         | 2025-10-20 12:30:00 | 7.06            | 49.23                         | 0.50    | 7.29          | 10.98                   | 36.91           | 0.02           |
| SQU-DS         | 2025-10-20 12:45:00 | 7.06            | 49.17                         | 0.50    | 7.28          | 11.01                   | 45.25           | 0.02           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-20 13:00:00 | 7.05            | 49.22                         | 0.50    | 7.27          | 11.01                   | 32.20           | 0.02           |
| SQU-DS         | 2025-10-20 13:15:00 | 7.04            | 49.18                         | 0.50    | 7.28          | 11.01                   | 37.65           | 0.02           |
| SQU-DS         | 2025-10-20 13:30:00 | 7.03            | 49.17                         | 0.50    | 7.28          | 11.00                   | 38.20           | 0.02           |
| SQU-DS         | 2025-10-20 13:45:00 | 7.02            | 48.99                         | 0.50    | 7.28          | 11.01                   | 36.97           | 0.02           |
| SQU-DS         | 2025-10-20 14:00:00 | 7.02            | 49.06                         | 0.50    | 7.27          | 11.00                   | 32.60           | 0.02           |
| SQU-DS         | 2025-10-20 14:15:00 | 7.02            | 49.66                         | 0.50    | 7.29          | 11.02                   | 44.56           | 0.02           |
| SQU-DS         | 2025-10-20 14:30:00 | 7.02            | 49.59                         | 0.50    | 7.27          | 11.01                   | 12.99           | 0.02           |
| SQU-DS         | 2025-10-20 14:45:00 | 7.02            | 49.20                         | 0.51    | 7.29          | 11.02                   | 13.23           | 0.02           |
| SQU-DS         | 2025-10-20 15:00:00 | 7.02            | 49.16                         | 0.51    | 7.29          | 11.00                   | 14.39           | 0.02           |
| SQU-DS         | 2025-10-20 15:15:00 | 7.02            | 48.97                         | 0.51    | 7.29          | 11.01                   | 12.80           | 0.02           |
| SQU-DS         | 2025-10-20 15:30:00 | 7.02            | 48.44                         | 0.50    | 7.31          | 11.03                   | 12.16           | 0.02           |
| SQU-DS         | 2025-10-20 15:45:00 | 7.02            | 48.48                         | 0.50    | 7.33          | 11.03                   | 12.87           | 0.02           |
| SQU-DS         | 2025-10-20 16:00:00 | 7.03            | 48.42                         | 0.50    | 7.35          | 11.04                   | 13.35           | 0.02           |
| SQU-DS         | 2025-10-20 16:15:00 | 7.01            | 47.78                         | 0.50    | 7.36          | 11.06                   | 14.82           | 0.02           |
| SQU-DS         | 2025-10-20 16:30:00 | 7.02            | 47.70                         | 0.51    | 7.30          | 11.06                   | 12.73           | 0.02           |
| SQU-DS         | 2025-10-20 16:45:00 | 7.05            | 48.99                         | 0.50    | 7.33          | 11.02                   | 14.04           | 0.02           |
| SQU-DS         | 2025-10-20 17:00:00 | 7.05            | 48.55                         | 0.50    | 7.36          | 11.01                   | 15.95           | 0.02           |
| SQU-DS         | 2025-10-20 17:15:00 | 7.04            | 47.81                         | 0.51    | 7.28          | 11.01                   | 13.19           | 0.02           |
| SQU-DS         | 2025-10-20 17:30:00 | 7.06            | 48.82                         | 0.51    | 7.36          | 11.01                   | 12.38           | 0.02           |
| SQU-DS         | 2025-10-20 17:45:00 | 7.11            | 50.50                         | 0.51    | 7.33          | 10.96                   | 11.24           | 0.02           |
| SQU-DS         | 2025-10-20 18:00:00 | 7.12            | 50.27                         | 0.51    | 7.35          | 10.92                   | 13.75           | 0.02           |
| SQU-DS         | 2025-10-20 18:15:00 | 7.13            | 49.79                         | 0.51    | 7.33          | 10.95                   | 12.91           | 0.02           |
| SQU-DS         | 2025-10-20 18:30:00 | 7.16            | 50.77                         | 0.51    | 7.35          | 10.91                   | 14.11           | 0.02           |
| SQU-DS         | 2025-10-20 18:45:00 | 7.19            | 51.61                         | 0.51    | 7.32          | 10.90                   | 11.12           | 0.02           |
| SQU-DS         | 2025-10-20 19:00:00 | 7.22            | 52.03                         | 0.51    | 7.31          | 10.90                   | 12.68           | 0.02           |
| SQU-DS         | 2025-10-20 19:15:00 | 7.25            | 52.70                         | 0.51    | 7.26          | 10.86                   | 13.04           | 0.02           |
| SQU-DS         | 2025-10-20 19:30:00 | 7.28            | 52.89                         | 0.51    | 7.28          | 10.86                   | 12.22           | 0.02           |
| SQU-DS         | 2025-10-20 19:45:00 | 7.31            | 53.40                         | 0.50    | 7.27          | 10.85                   | 12.31           | 0.02           |
| SQU-DS         | 2025-10-20 20:00:00 | 7.31            | 52.75                         | 0.50    | 7.30          | 10.84                   | 12.02           | 0.02           |
| SQU-DS         | 2025-10-20 20:15:00 | 7.32            | 52.32                         | 0.50    | 7.31          | 10.84                   | 12.75           | 0.02           |
| SQU-DS         | 2025-10-20 20:30:00 | 7.33            | 51.81                         | 0.50    | 7.27          | 10.86                   | 14.82           | 0.02           |
| SQU-DS         | 2025-10-20 20:45:00 | 7.33            | 52.13                         | 0.49    | 7.25          | 10.85                   | 15.88           | 0.02           |
| SQU-DS         | 2025-10-20 21:00:00 | 7.34            | 51.62                         | 0.50    | 7.26          | 10.81                   | 13.68           | 0.02           |
| SQU-DS         | 2025-10-20 21:15:00 | 7.35            | 51.74                         | 0.50    | 7.26          | 10.82                   | 14.85           | 0.02           |
| SQU-DS         | 2025-10-20 21:30:00 | 7.37            | 51.97                         | 0.51    | 7.23          | 10.81                   | 13.93           | 0.02           |
| SQU-DS         | 2025-10-20 21:45:00 | 7.40            | 53.85                         | 0.51    | 7.18          | 10.75                   | 12.74           | 0.02           |
| SQU-DS         | 2025-10-20 22:00:00 | 7.38            | 51.97                         | 0.51    | 7.24          | 10.81                   | 13.23           | 0.02           |
| SQU-DS         | 2025-10-20 22:15:00 | 7.41            | 53.68                         | 0.51    | 7.18          | 10.75                   | 11.75           | 0.02           |
| SQU-DS         | 2025-10-20 22:30:00 | 7.42            | 53.21                         | 0.51    | 7.17          | 10.78                   | 12.47           | 0.02           |
| SQU-DS         | 2025-10-20 22:45:00 | 7.44            | 54.19                         | 0.52    | 7.05          | 10.65                   | 12.87           | 0.02           |
| SQU-DS         | 2025-10-20 23:00:00 | 7.45            | 54.16                         | 0.52    | 7.04          | 10.65                   | 13.71           | 0.02           |
| SQU-DS         | 2025-10-20 23:15:00 | 7.49            | 56.28                         | 0.52    | 7.02          | 10.51                   | 14.02           | 0.03           |
| SQU-DS         | 2025-10-20 23:30:00 | 7.47            | 53.88                         | 0.52    | 7.02          | 10.52                   | 13.47           | 0.02           |
| SQU-DS         | 2025-10-20 23:45:00 | 7.49            | 56.11                         | 0.52    | 7.04          | 10.63                   | 16.13           | 0.03           |
| SQU-DS         | 2025-10-21 00:00:00 | 7.47            | 53.45                         | 0.51    | 7.13          | 10.72                   | 11.37           | 0.02           |
| SQU-DS         | 2025-10-21 00:15:00 | 7.50            | 55.26                         | 0.52    | 7.00          | 10.53                   | 13.76           | 0.02           |
| SQU-DS         | 2025-10-21 00:30:00 | 7.47            | 53.59                         | 0.51    | 7.11          | 10.73                   | 12.74           | 0.02           |
| SQU-DS         | 2025-10-21 00:45:00 | 7.49            | 54.90                         | 0.52    | 7.04          | 10.64                   | 13.91           | 0.02           |
| SQU-DS         | 2025-10-21 01:00:00 | 7.46            | 52.43                         | 0.52    | 7.13          | 10.72                   | 12.64           | 0.02           |
| SQU-DS         | 2025-10-21 01:15:00 | 7.48            | 55.37                         | 0.52    | 7.08          | 10.72                   | 12.68           | 0.02           |
| SQU-DS         | 2025-10-21 01:30:00 | 7.50            | 54.75                         | 0.52    | 6.99          | 10.46                   | 13.91           | 0.02           |
| SQU-DS         | 2025-10-21 01:45:00 | 7.47            | 52.74                         | 0.52    | 7.11          | 10.73                   | 14.07           | 0.02           |



| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-21 02:00:00 | 7.46            | 52.85                         | 0.52    | 7.15          | 10.76                   | 13.25           | 0.02           |
| SQU-DS         | 2025-10-21 02:15:00 | 7.48            | 54.23                         | 0.52    | 7.14          | 10.75                   | 11.81           | 0.02           |
| SQU-DS         | 2025-10-21 02:30:00 | 7.46            | 53.02                         | 0.52    | 7.08          | 10.65                   | 12.46           | 0.02           |
| SQU-DS         | 2025-10-21 02:45:00 | 7.45            | 52.47                         | 0.51    | 7.21          | 10.79                   | 14.12           | 0.02           |
| SQU-DS         | 2025-10-21 03:00:00 | 7.45            | 52.55                         | 0.51    | 7.22          | 10.77                   | 14.70           | 0.02           |
| SQU-DS         | 2025-10-21 03:15:00 | 7.45            | 52.68                         | 0.51    | 7.20          | 10.76                   | 13.94           | 0.02           |
| SQU-DS         | 2025-10-21 03:30:00 | 7.43            | 52.10                         | 0.51    | 7.26          | 10.78                   | 13.95           | 0.02           |
| SQU-DS         | 2025-10-21 03:45:00 | 7.43            | 52.32                         | 0.51    | 7.26          | 10.77                   | 12.84           | 0.02           |
| SQU-DS         | 2025-10-21 04:00:00 | 7.41            | 51.94                         | 0.51    | 7.25          | 10.79                   | 15.57           | 0.02           |
| SQU-DS         | 2025-10-21 04:15:00 | 7.41            | 52.18                         | 0.51    | 7.31          | 10.79                   | 14.65           | 0.02           |
| SQU-DS         | 2025-10-21 04:30:00 | 7.41            | 51.67                         | 0.51    | 7.30          | 10.74                   | 13.69           | 0.02           |
| SQU-DS         | 2025-10-21 04:45:00 | 7.42            | 51.83                         | 0.52    | 7.31          | 10.68                   | 14.03           | 0.02           |
| SQU-DS         | 2025-10-21 05:00:00 | 7.37            | 50.96                         | 0.52    | 7.32          | 10.72                   | 13.11           | 0.02           |
| SQU-DS         | 2025-10-21 05:15:00 | 7.32            | 50.68                         | 0.52    | 7.33          | 10.83                   | 15.09           | 0.02           |
| SQU-DS         | 2025-10-21 05:30:00 | 7.31            | 50.40                         | 0.51    | 7.36          | 10.82                   | 14.99           | 0.02           |
| SQU-DS         | 2025-10-21 05:45:00 | 7.27            | 50.03                         | 0.52    | 7.35          | 10.82                   | 14.04           | 0.02           |
| SQU-DS         | 2025-10-21 06:00:00 | 7.25            | 49.79                         | 0.52    | 7.37          | 10.87                   | 13.86           | 0.02           |
| SQU-DS         | 2025-10-21 06:15:00 | 7.23            | 49.64                         | 0.52    | 7.37          | 10.90                   | 15.01           | 0.02           |
| SQU-DS         | 2025-10-21 06:30:00 | 7.22            | 49.92                         | 0.52    | 7.37          | 10.88                   | 13.97           | 0.02           |
| SQU-DS         | 2025-10-21 06:45:00 | 7.21            | 50.28                         | 0.52    | 7.36          | 10.86                   | 13.90           | 0.02           |
| SQU-DS         | 2025-10-21 07:00:00 | 7.19            | 50.10                         | 0.52    | 7.38          | 10.86                   | 14.54           | 0.02           |
| SQU-DS         | 2025-10-21 07:15:00 | 7.19            | 50.40                         | 0.52    | 7.37          | 10.86                   | 17.31           | 0.02           |
| SQU-DS         | 2025-10-21 07:30:00 | 7.19            | 51.15                         | 0.52    | 7.33          | 10.89                   | 13.53           | 0.02           |
| SQU-DS         | 2025-10-21 07:45:00 | 7.20            | 51.78                         | 0.51    | 7.36          | 10.86                   | 14.24           | 0.02           |
| SQU-DS         | 2025-10-21 08:00:00 | 7.17            | 50.44                         | 0.52    | 7.35          | 10.84                   | 13.20           | 0.02           |
| SQU-DS         | 2025-10-21 08:15:00 | 7.17            | 50.53                         | 0.52    | 7.34          | 10.89                   | 13.95           | 0.02           |
| SQU-DS         | 2025-10-21 08:30:00 | 7.18            | 50.69                         | 0.52    | 7.29          | 10.88                   | 13.65           | 0.02           |
| SQU-DS         | 2025-10-21 08:45:00 | 7.21            | 51.68                         | 0.52    | 7.28          | 10.85                   | 15.69           | 0.02           |
| SQU-DS         | 2025-10-21 09:00:00 | 7.21            | 51.07                         | 0.51    | 7.32          | 10.86                   | 16.39           | 0.02           |
| SQU-DS         | 2025-10-21 09:15:00 | 7.21            | 50.64                         | 0.51    | 7.35          | 10.89                   | 16.27           | 0.02           |
| SQU-DS         | 2025-10-21 09:30:00 | 7.23            | 50.88                         | 0.51    | 7.32          | 10.87                   | 13.42           | 0.02           |
| SQU-DS         | 2025-10-21 09:45:00 | 7.25            | 50.66                         | 0.51    | 7.31          | 10.88                   | 15.73           | 0.02           |
| SQU-DS         | 2025-10-21 10:00:00 | 7.29            | 50.58                         | 0.51    | 7.33          | 10.86                   | 14.56           | 0.02           |
| SQU-DS         | 2025-10-21 10:15:00 | 7.33            | 50.18                         | 0.51    | 7.33          | 10.87                   | 14.10           | 0.02           |
| SQU-DS         | 2025-10-21 10:30:00 | 7.39            | 49.93                         | 0.51    | 7.33          | 10.85                   | 14.37           | 0.02           |
| SQU-DS         | 2025-10-21 10:45:00 | 7.48            | 49.65                         | 0.51    | 7.31          | 10.83                   | 15.30           | 0.02           |
| SQU-DS         | 2025-10-21 11:00:00 | 7.56            | 49.18                         | 0.51    | 7.30          | 10.85                   | 14.49           | 0.02           |
| SQU-DS         | 2025-10-21 11:15:00 | 7.60            | 49.26                         | 0.51    | 7.30          | 10.85                   | 16.33           | 0.02           |
| SQU-DS         | 2025-10-21 11:30:00 | 7.64            | 49.16                         | 0.51    | 7.28          | 10.84                   | 16.12           | 0.02           |
| SQU-DS         | 2025-10-21 11:45:00 | 7.67            | 48.66                         | 0.51    | 7.31          | 10.88                   | 18.82           | 0.02           |
| SQU-DS         | 2025-10-21 12:00:00 | 7.70            | 48.36                         | 0.51    | 7.26          | 10.88                   | 15.06           | 0.02           |
| SQU-DS         | 2025-10-21 12:15:00 | 7.73            | 48.35                         | 0.51    | 7.30          | 10.89                   | 19.74           | 0.02           |
| SQU-DS         | 2025-10-21 12:30:00 | 7.78            | 48.28                         | 0.51    | 7.27          | 10.85                   | 17.87           | 0.02           |
| SQU-DS         | 2025-10-21 12:45:00 | 7.82            | 47.91                         | 0.51    | 7.31          | 10.88                   | 17.20           | 0.02           |
| SQU-DS         | 2025-10-21 13:00:00 | 7.88            | 47.75                         | 0.51    | 7.30          | 10.86                   | 16.08           | 0.02           |
| SQU-DS         | 2025-10-21 13:15:00 | 7.95            | 47.51                         | 0.51    | 7.29          | 10.86                   | 16.08           | 0.02           |
| SQU-DS         | 2025-10-21 13:30:00 | 8.00            | 47.07                         | 0.51    | 7.32          | 10.87                   | 18.30           | 0.02           |
| SQU-DS         | 2025-10-21 13:45:00 | 8.01            | 47.19                         | 0.51    | 7.29          | 10.84                   | 19.16           | 0.02           |
| SQU-DS         | 2025-10-21 14:00:00 | 7.96            | 46.75                         | 0.51    | 7.31          | 10.84                   | 18.04           | 0.02           |
| SQU-DS         | 2025-10-21 14:15:00 | 7.96            | 46.38                         | 0.51    | 7.31          | 10.86                   | 25.43           | 0.02           |
| SQU-DS         | 2025-10-21 14:30:00 | 8.01            | 45.99                         | 0.51    | 7.32          | 10.87                   | 20.57           | 0.02           |
| SQU-DS         | 2025-10-21 14:45:00 | 8.05            | 45.81                         | 0.50    | 7.35          | 10.88                   | 15.00           | 0.02           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-21 15:00:00 | 8.07            | 45.66                         | 0.51    | 7.33          | 10.89                   | 20.42           | 0.02           |
| SQU-DS         | 2025-10-21 15:15:00 | 8.07            | 45.41                         | 0.51    | 7.33          | 10.88                   | 21.26           | 0.02           |
| SQU-DS         | 2025-10-21 15:30:00 | 8.06            | 45.47                         | 0.51    | 7.35          | 10.87                   | 19.48           | 0.02           |
| SQU-DS         | 2025-10-21 15:45:00 | 8.04            | 45.31                         | 0.51    | 7.36          | 10.87                   | 20.62           | 0.02           |
| SQU-DS         | 2025-10-21 16:00:00 | 8.00            | 44.97                         | 0.51    | 7.31          | 10.89                   | 28.84           | 0.02           |
| SQU-DS         | 2025-10-21 16:15:00 | 7.98            | 45.04                         | 0.50    | 7.36          | 10.88                   | 28.58           | 0.02           |
| SQU-DS         | 2025-10-21 16:30:00 | 7.96            | 45.20                         | 0.50    | 7.40          | 10.90                   | 23.79           | 0.02           |
| SQU-DS         | 2025-10-21 16:45:00 | 7.92            | 45.51                         | 0.51    | 7.34          | 10.87                   | 25.70           | 0.02           |
| SQU-DS         | 2025-10-21 17:00:00 | 7.86            | 45.45                         | 0.51    | 7.35          | 10.88                   | 23.97           | 0.02           |
| SQU-DS         | 2025-10-21 17:15:00 | 7.79            | 45.32                         | 0.51    | 7.36          | 10.88                   | 22.44           | 0.02           |
| SQU-DS         | 2025-10-21 17:30:00 | 7.74            | 45.32                         | 0.51    | 7.35          | 10.86                   | 27.00           | 0.02           |
| SQU-DS         | 2025-10-21 17:45:00 | 7.71            | 45.72                         | 0.51    | 7.38          | 10.85                   | 22.95           | 0.02           |
| SQU-DS         | 2025-10-21 18:00:00 | 7.69            | 46.08                         | 0.51    | 7.38          | 10.82                   | 23.27           | 0.02           |
| SQU-DS         | 2025-10-21 18:15:00 | 7.68            | 46.49                         | 0.51    | 7.36          | 10.82                   | 21.98           | 0.02           |
| SQU-DS         | 2025-10-21 18:30:00 | 7.66            | 46.58                         | 0.52    | 7.33          | 10.82                   | 24.25           | 0.02           |
| SQU-DS         | 2025-10-21 18:45:00 | 7.65            | 46.82                         | 0.51    | 7.36          | 10.82                   | 25.98           | 0.02           |
| SQU-DS         | 2025-10-21 19:00:00 | 7.64            | 47.18                         | 0.51    | 7.37          | 10.78                   | 24.07           | 0.02           |
| SQU-DS         | 2025-10-21 19:15:00 | 7.65            | 47.83                         | 0.52    | 7.35          | 10.76                   | 22.12           | 0.02           |
| SQU-DS         | 2025-10-21 19:30:00 | 7.64            | 47.71                         | 0.51    | 7.36          | 10.77                   | 25.27           | 0.02           |
| SQU-DS         | 2025-10-21 19:45:00 | 7.63            | 48.05                         | 0.52    | 7.35          | 10.74                   | 21.52           | 0.02           |
| SQU-DS         | 2025-10-21 20:00:00 | 7.64            | 48.35                         | 0.52    | 7.36          | 10.73                   | 22.93           | 0.02           |
| SQU-DS         | 2025-10-21 20:15:00 | 7.64            | 48.43                         | 0.52    | 7.35          | 10.69                   | 23.98           | 0.02           |
| SQU-DS         | 2025-10-21 20:30:00 | 7.64            | 48.75                         | 0.52    | 7.33          | 10.66                   | 21.79           | 0.02           |
| SQU-DS         | 2025-10-21 20:45:00 | 7.64            | 48.73                         | 0.52    | 7.32          | 10.60                   | 22.68           | 0.02           |
| SQU-DS         | 2025-10-21 21:00:00 | 7.63            | 48.02                         | 0.52    | 7.32          | 10.66                   | 24.65           | 0.02           |
| SQU-DS         | 2025-10-21 21:15:00 | 7.62            | 47.59                         | 0.52    | 7.32          | 10.69                   | 22.95           | 0.02           |
| SQU-DS         | 2025-10-21 21:30:00 | 7.61            | 47.49                         | 0.52    | 7.30          | 10.67                   | 18.83           | 0.02           |
| SQU-DS         | 2025-10-21 21:45:00 | 7.60            | 47.50                         | 0.52    | 7.29          | 10.64                   | 18.73           | 0.02           |
| SQU-DS         | 2025-10-21 22:00:00 | 7.59            | 47.66                         | 0.52    | 7.29          | 10.67                   | 19.45           | 0.02           |
| SQU-DS         | 2025-10-21 22:15:00 | 7.58            | 47.21                         | 0.52    | 7.29          | 10.66                   | 23.33           | 0.02           |
| SQU-DS         | 2025-10-21 22:30:00 | 7.57            | 47.51                         | 0.52    | 7.29          | 10.65                   | 18.98           | 0.02           |
| SQU-DS         | 2025-10-21 22:45:00 | 7.56            | 47.00                         | 0.52    | 7.29          | 10.67                   | 18.37           | 0.02           |
| SQU-DS         | 2025-10-21 23:00:00 | 7.54            | 47.01                         | 0.52    | 7.29          | 10.65                   | 17.25           | 0.02           |
| SQU-DS         | 2025-10-21 23:15:00 | 7.54            | 47.39                         | 0.52    | 7.29          | 10.64                   | 19.24           | 0.02           |
| SQU-DS         | 2025-10-21 23:30:00 | 7.53            | 47.38                         | 0.52    | 7.29          | 10.63                   | 20.38           | 0.02           |
| SQU-DS         | 2025-10-21 23:45:00 | 7.51            | 46.97                         | 0.52    | 7.29          | 10.65                   | 22.62           | 0.02           |
| SQU-DS         | 2025-10-22 00:00:00 | 7.50            | 47.18                         | 0.52    | 7.28          | 10.65                   | 18.81           | 0.02           |
| SQU-DS         | 2025-10-22 00:15:00 | 7.48            | 46.98                         | 0.52    | 7.28          | 10.68                   | 19.30           | 0.02           |
| SQU-DS         | 2025-10-22 00:30:00 | 7.46            | 46.85                         | 0.52    | 7.29          | 10.64                   | 19.82           | 0.02           |
| SQU-DS         | 2025-10-22 00:45:00 | 7.45            | 46.66                         | 0.52    | 7.28          | 10.67                   | 16.72           | 0.02           |
| SQU-DS         | 2025-10-22 01:00:00 | 7.44            | 46.71                         | 0.52    | 7.28          | 10.65                   | 17.92           | 0.02           |
| SQU-DS         | 2025-10-22 01:15:00 | 7.42            | 46.89                         | 0.52    | 7.28          | 10.65                   | 17.68           | 0.02           |
| SQU-DS         | 2025-10-22 01:30:00 | 7.40            | 46.82                         | 0.52    | 7.28          | 10.70                   | 17.86           | 0.02           |
| SQU-DS         | 2025-10-22 01:45:00 | 7.38            | 46.47                         | 0.53    | 7.27          | 10.67                   | 18.01           | 0.02           |
| SQU-DS         | 2025-10-22 02:00:00 | 7.35            | 46.31                         | 0.53    | 7.27          | 10.70                   | 18.27           | 0.02           |
| SQU-DS         | 2025-10-22 02:15:00 | 7.33            | 46.52                         | 0.52    | 7.29          | 10.70                   | 17.15           | 0.02           |
| SQU-DS         | 2025-10-22 02:30:00 | 7.30            | 46.24                         | 0.53    | 7.28          | 10.71                   | 20.56           | 0.02           |
| SQU-DS         | 2025-10-22 02:45:00 | 7.27            | 46.13                         | 0.53    | 7.27          | 10.71                   | 21.57           | 0.02           |
| SQU-DS         | 2025-10-22 03:00:00 | 7.26            | 46.37                         | 0.53    | 7.28          | 10.72                   | 21.00           | 0.02           |
| SQU-DS         | 2025-10-22 03:15:00 | 7.24            | 45.97                         | 0.53    | 7.28          | 10.75                   | 18.38           | 0.02           |
| SQU-DS         | 2025-10-22 03:30:00 | 7.20            | 45.79                         | 0.53    | 7.23          | 10.73                   | 21.75           | 0.02           |
| SQU-DS         | 2025-10-22 03:45:00 | 7.20            | 45.92                         | 0.52    | 7.29          | 10.75                   | 21.97           | 0.02           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-22 04:00:00 | 7.17            | 46.21                         | 0.53    | 7.28          | 10.73                   | 24.19           | 0.02           |
| SQU-DS         | 2025-10-22 04:15:00 | 7.15            | 46.81                         | 0.53    | 7.24          | 10.73                   | 20.02           | 0.02           |
| SQU-DS         | 2025-10-22 04:30:00 | 7.13            | 46.75                         | 0.52    | 7.28          | 10.76                   | 19.55           | 0.02           |
| SQU-DS         | 2025-10-22 04:45:00 | 7.10            | 46.43                         | 0.53    | 7.27          | 10.73                   | 20.86           | 0.02           |
| SQU-DS         | 2025-10-22 05:00:00 | 7.07            | 46.72                         | 0.53    | 7.27          | 10.73                   | 20.31           | 0.02           |
| SQU-DS         | 2025-10-22 05:15:00 | 7.03            | 45.84                         | 0.53    | 7.24          | 10.75                   | 21.61           | 0.02           |
| SQU-DS         | 2025-10-22 05:30:00 | 6.99            | 45.39                         | 0.53    | 7.31          | 10.76                   | 18.73           | 0.02           |
| SQU-DS         | 2025-10-22 05:45:00 | 6.95            | 45.15                         | 0.53    | 7.31          | 10.83                   | 22.69           | 0.02           |
| SQU-DS         | 2025-10-22 06:00:00 | 6.91            | 44.95                         | 0.52    | 7.32          | 10.86                   | 19.61           | 0.02           |
| SQU-DS         | 2025-10-22 06:15:00 | 6.86            | 44.87                         | 0.52    | 7.35          | 10.91                   | 18.69           | 0.02           |
| SQU-DS         | 2025-10-22 06:30:00 | 6.82            | 44.92                         | 0.52    | 7.35          | 10.89                   | 20.55           | 0.02           |
| SQU-DS         | 2025-10-22 06:45:00 | 6.80            | 45.25                         | 0.52    | 7.34          | 10.92                   | 25.07           | 0.02           |
| SQU-DS         | 2025-10-22 07:00:00 | 6.77            | 46.14                         | 0.53    | 7.32          | 10.92                   | 23.27           | 0.02           |
| SQU-DS         | 2025-10-22 07:15:00 | 6.76            | 46.13                         | 0.53    | 7.34          | 10.88                   | 24.86           | 0.02           |
| SQU-DS         | 2025-10-22 07:30:00 | 6.73            | 45.63                         | 0.53    | 7.35          | 10.90                   | 25.77           | 0.02           |
| SQU-DS         | 2025-10-22 07:45:00 | 6.70            | 46.00                         | 0.53    | 7.32          | 10.94                   | 26.22           | 0.02           |
| SQU-DS         | 2025-10-22 08:00:00 | 6.68            | 47.27                         | 0.53    | 7.31          | 10.90                   | 25.23           | 0.02           |
| SQU-DS         | 2025-10-22 08:15:00 | 6.66            | 47.65                         | 0.53    | 7.30          | 10.88                   | 28.48           | 0.02           |
| SQU-DS         | 2025-10-22 08:30:00 | 6.65            | 47.08                         | 0.52    | 7.34          | 10.82                   | 25.88           | 0.02           |
| SQU-DS         | 2025-10-22 08:45:00 | 6.63            | 46.75                         | 0.52    | 7.32          | 10.87                   | 27.24           | 0.02           |
| SQU-DS         | 2025-10-22 09:00:00 | 6.62            | 47.05                         | 0.53    | 7.30          | 10.88                   | 31.14           | 0.02           |
| SQU-DS         | 2025-10-22 09:15:00 | 6.63            | 47.31                         | 0.52    | 7.32          | 10.90                   | 27.50           | 0.02           |
| SQU-DS         | 2025-10-22 09:30:00 | 6.64            | 47.20                         | 0.52    | 7.34          | 10.89                   | 29.43           | 0.02           |
| SQU-DS         | 2025-10-22 09:45:00 | 6.64            | 47.49                         | 0.52    | 7.30          | 10.90                   | 25.54           | 0.02           |
| SQU-DS         | 2025-10-22 10:00:00 | 6.70            | 48.54                         | 0.52    | 7.32          | 10.88                   | 25.62           | 0.02           |
| SQU-DS         | 2025-10-22 10:15:00 | 6.73            | 48.52                         | 0.52    | 7.32          | 10.88                   | 28.47           | 0.02           |
| SQU-DS         | 2025-10-22 10:30:00 | 6.74            | 47.77                         | 0.52    | 7.29          | 10.90                   | 30.11           | 0.02           |
| SQU-DS         | 2025-10-22 10:45:00 | 6.75            | 47.61                         | 0.52    | 7.33          | 10.91                   | 25.96           | 0.02           |
| SQU-DS         | 2025-10-22 11:00:00 | 6.77            | 48.19                         | 0.52    | 7.32          | 10.90                   | 29.47           | 0.02           |
| SQU-DS         | 2025-10-22 11:15:00 | 6.81            | 48.44                         | 0.52    | 7.31          | 10.88                   | 38.76           | 0.02           |
| SQU-DS         | 2025-10-22 11:30:00 | 6.82            | 47.63                         | 0.52    | 7.29          | 10.86                   | 28.96           | 0.02           |
| SQU-DS         | 2025-10-22 11:45:00 | 6.82            | 47.31                         | 0.52    | 7.31          | 10.84                   | 26.67           | 0.02           |
| SQU-DS         | 2025-10-22 12:00:00 | 6.82            | 47.05                         | 0.52    | 7.28          | 10.86                   | 23.97           | 0.02           |
| SQU-DS         | 2025-10-22 12:15:00 | 6.83            | 47.29                         | 0.52    | 7.28          | 10.85                   | 26.50           | 0.02           |
| SQU-DS         | 2025-10-22 12:30:00 | 6.83            | 47.73                         | 0.52    | 7.27          | 10.87                   | 28.88           | 0.02           |
| SQU-DS         | 2025-10-22 12:45:00 | 6.84            | 47.77                         | 0.52    | 7.28          | 10.86                   | 26.97           | 0.02           |
| SQU-DS         | 2025-10-22 13:00:00 | 6.85            | 47.55                         | 0.53    | 7.26          | 10.80                   | 27.44           | 0.02           |
| SQU-DS         | 2025-10-22 13:15:00 | 6.85            | 48.31                         | 0.53    | 7.25          | 10.82                   | 25.80           | 0.02           |
| SQU-DS         | 2025-10-22 13:30:00 | 6.85            | 47.97                         | 0.53    | 7.27          | 10.78                   | 28.01           | 0.02           |
| SQU-DS         | 2025-10-22 13:45:00 | 6.85            | 48.06                         | 0.53    | 7.26          | 10.78                   | 24.27           | 0.02           |
| SQU-DS         | 2025-10-22 14:00:00 | 6.84            | 48.08                         | 0.53    | 7.26          | 10.74                   | 24.03           | 0.02           |
| SQU-DS         | 2025-10-22 14:15:00 | 6.86            | 47.80                         | 0.53    | 7.25          | 10.78                   | 27.60           | 0.02           |
| SQU-DS         | 2025-10-22 14:30:00 | 6.88            | 49.22                         | 0.53    | 7.27          | 10.75                   | 25.78           | 0.02           |
| SQU-DS         | 2025-10-22 14:45:00 | 6.89            | 47.76                         | 0.53    | 7.26          | 10.71                   | 23.05           | 0.02           |
| SQU-DS         | 2025-10-22 15:00:00 | 6.90            | 48.79                         | 0.53    | 7.25          | 10.70                   | 25.18           | 0.02           |
| SQU-DS         | 2025-10-22 15:15:00 | 6.92            | 47.63                         | 0.53    | 7.27          | 10.70                   | 23.53           | 0.02           |
| SQU-DS         | 2025-10-22 15:30:00 | 6.93            | 47.44                         | 0.53    | 7.28          | 10.70                   | 25.68           | 0.02           |
| SQU-DS         | 2025-10-22 15:45:00 | 6.94            | 47.06                         | 0.53    | 7.30          | 10.76                   | 24.61           | 0.02           |
| SQU-DS         | 2025-10-22 16:00:00 | 6.96            | 47.45                         | 0.53    | 7.31          | 10.76                   | 25.21           | 0.02           |
| SQU-DS         | 2025-10-22 16:15:00 | 6.96            | 46.93                         | 0.53    | 7.32          | 10.81                   | 22.69           | 0.02           |
| SQU-DS         | 2025-10-22 16:30:00 | 6.94            | 46.96                         | 0.53    | 7.34          | 10.81                   | 23.60           | 0.02           |
| SQU-DS         | 2025-10-22 16:45:00 | 6.91            | 46.47                         | 0.52    | 7.35          | 10.89                   | 25.23           | 0.02           |



| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-22 17:00:00 | 6.90            | 47.09                         | 0.53    | 7.30          | 10.92                   | 23.93           | 0.02           |
| SQU-DS         | 2025-10-22 17:15:00 | 6.90            | 47.26                         | 0.52    | 7.36          | 10.89                   | 27.12           | 0.02           |
| SQU-DS         | 2025-10-22 17:30:00 | 6.89            | 47.33                         | 0.52    | 7.36          | 10.87                   | 23.35           | 0.02           |
| SQU-DS         | 2025-10-22 17:45:00 | 6.89            | 47.36                         | 0.52    | 7.36          | 10.95                   | 23.47           | 0.02           |
| SQU-DS         | 2025-10-22 18:00:00 | 6.88            | 47.80                         | 0.52    | 7.36          | 10.94                   | 26.03           | 0.02           |
| SQU-DS         | 2025-10-22 18:15:00 | 6.89            | 48.71                         | 0.52    | 7.36          | 10.94                   | 24.53           | 0.02           |
| SQU-DS         | 2025-10-22 18:30:00 | 6.91            | 49.08                         | 0.52    | 7.35          | 10.89                   | 25.54           | 0.02           |
| SQU-DS         | 2025-10-22 18:45:00 | 6.91            | 49.16                         | 0.52    | 7.36          | 10.84                   | 21.73           | 0.02           |
| SQU-DS         | 2025-10-22 19:00:00 | 6.90            | 51.91                         | 0.52    | 7.36          | 10.86                   | 24.34           | 0.02           |
| SQU-DS         | 2025-10-22 19:15:00 | 6.90            | 49.60                         | 0.52    | 7.34          | 10.85                   | 24.76           | 0.02           |
| SQU-DS         | 2025-10-22 19:30:00 | 6.94            | 51.22                         | 0.52    | 7.33          | 10.81                   | 22.13           | 0.02           |
| SQU-DS         | 2025-10-22 19:45:00 | 6.96            | 51.27                         | 0.52    | 7.29          | 10.77                   | 21.51           | 0.02           |
| SQU-DS         | 2025-10-22 20:00:00 | 6.97            | 51.17                         | 0.52    | 7.31          | 10.76                   | 26.18           | 0.02           |
| SQU-DS         | 2025-10-22 20:15:00 | 6.97            | 51.38                         | 0.52    | 7.30          | 10.74                   | 28.49           | 0.02           |
| SQU-DS         | 2025-10-22 20:30:00 | 6.98            | 52.06                         | 0.52    | 7.28          | 10.72                   | 28.55           | 0.02           |
| SQU-DS         | 2025-10-22 20:45:00 | 6.99            | 51.39                         | 0.53    | 7.24          | 10.69                   | 28.30           | 0.02           |
| SQU-DS         | 2025-10-22 21:00:00 | 6.99            | 50.57                         | 0.53    | 7.24          | 10.72                   | 29.20           | 0.02           |
| SQU-DS         | 2025-10-22 21:15:00 | 6.99            | 50.28                         | 0.53    | 7.25          | 10.74                   | 32.34           | 0.02           |
| SQU-DS         | 2025-10-22 21:30:00 | 6.99            | 50.49                         | 0.53    | 7.24          | 10.73                   | 29.58           | 0.02           |
| SQU-DS         | 2025-10-22 21:45:00 | 7.00            | 49.76                         | 0.52    | 7.25          | 10.77                   | 27.96           | 0.02           |
| SQU-DS         | 2025-10-22 22:00:00 | 7.00            | 49.29                         | 0.53    | 7.24          | 10.77                   | 30.60           | 0.02           |
| SQU-DS         | 2025-10-22 22:15:00 | 7.00            | 49.68                         | 0.52    | 7.27          | 10.78                   | 25.61           | 0.02           |
| SQU-DS         | 2025-10-22 22:30:00 | 7.01            | 49.50                         | 0.53    | 7.25          | 10.76                   | 27.08           | 0.02           |
| SQU-DS         | 2025-10-22 22:45:00 | 7.01            | 49.21                         | 0.52    | 7.27          | 10.79                   | 27.72           | 0.02           |
| SQU-DS         | 2025-10-22 23:00:00 | 7.00            | 49.10                         | 0.52    | 7.27          | 10.80                   | 27.19           | 0.02           |
| SQU-DS         | 2025-10-22 23:15:00 | 7.00            | 48.48                         | 0.53    | 7.23          | 10.79                   | 29.77           | 0.02           |
| SQU-DS         | 2025-10-22 23:30:00 | 7.01            | 48.44                         | 0.53    | 7.26          | 10.78                   | 28.12           | 0.02           |
| SQU-DS         | 2025-10-22 23:45:00 | 7.00            | 48.06                         | 0.53    | 7.26          | 10.77                   | 28.50           | 0.02           |
| SQU-DS         | 2025-10-23 00:00:00 | 7.01            | 48.39                         | 0.53    | 7.26          | 10.79                   | 32.50           | 0.02           |
| SQU-DS         | 2025-10-23 00:15:00 | 7.02            | 47.57                         | 0.53    | 7.27          | 10.76                   | 29.23           | 0.02           |
| SQU-DS         | 2025-10-23 00:30:00 | 7.03            | 48.31                         | 0.53    | 7.25          | 10.77                   | 27.62           | 0.02           |
| SQU-DS         | 2025-10-23 00:45:00 | 7.03            | 47.93                         | 0.53    | 7.25          | 10.76                   | 28.20           | 0.02           |
| SQU-DS         | 2025-10-23 01:00:00 | 7.03            | 55.63                         | 0.53    | 7.26          | 10.78                   | 28.87           | 0.02           |
| SQU-DS         | 2025-10-23 01:15:00 | 7.04            | 47.95                         | 0.53    | 7.26          | 10.78                   | 27.74           | 0.02           |
| SQU-DS         | 2025-10-23 01:30:00 | 7.04            | 47.33                         | 0.53    | 7.23          | 10.77                   | 30.36           | 0.02           |
| SQU-DS         | 2025-10-23 01:45:00 | 7.05            | 47.38                         | 0.53    | 7.24          | 10.79                   | 27.71           | 0.02           |
| SQU-DS         | 2025-10-23 02:00:00 | 7.04            | 47.02                         | 0.53    | 7.26          | 10.76                   | 28.52           | 0.02           |
| SQU-DS         | 2025-10-23 02:15:00 | 7.05            | 46.94                         | 0.53    | 7.25          | 10.78                   | 28.66           | 0.02           |
| SQU-DS         | 2025-10-23 02:30:00 | 7.05            | 46.90                         | 0.53    | 7.25          | 10.78                   | 29.92           | 0.02           |
| SQU-DS         | 2025-10-23 02:45:00 | 7.05            | 47.22                         | 0.53    | 7.27          | 10.77                   | 32.03           | 0.02           |
| SQU-DS         | 2025-10-23 03:00:00 | 7.05            | 46.82                         | 0.53    | 7.26          | 10.76                   | 30.33           | 0.02           |
| SQU-DS         | 2025-10-23 03:15:00 | 7.05            | 46.41                         | 0.53    | 7.24          | 10.80                   | 28.07           | 0.02           |
| SQU-DS         | 2025-10-23 03:30:00 | 7.05            | 46.35                         | 0.53    | 7.25          | 10.76                   | 28.75           | 0.02           |
| SQU-DS         | 2025-10-23 03:45:00 | 7.07            | 47.17                         | 0.53    | 7.23          | 10.77                   | 32.78           | 0.02           |
| SQU-DS         | 2025-10-23 04:00:00 | 7.06            | 46.64                         | 0.53    | 7.24          | 10.77                   | 27.81           | 0.02           |
| SQU-DS         | 2025-10-23 04:15:00 | 7.05            | 46.22                         | 0.53    | 7.24          | 10.79                   | 35.79           | 0.02           |
| SQU-DS         | 2025-10-23 04:30:00 | 7.05            | 46.02                         | 0.53    | 7.24          | 10.81                   | 47.11           | 0.02           |
| SQU-DS         | 2025-10-23 04:45:00 | 7.05            | 45.76                         | 0.53    | 7.26          | 10.79                   | 30.90           | 0.02           |
| SQU-DS         | 2025-10-23 05:00:00 | 7.06            | 46.01                         | 0.53    | 7.24          | 10.80                   | 31.42           | 0.02           |
| SQU-DS         | 2025-10-23 05:15:00 | 7.06            | 45.93                         | 0.53    | 7.26          | 10.78                   | 29.25           | 0.02           |
| SQU-DS         | 2025-10-23 05:30:00 | 7.04            | 45.58                         | 0.53    | 7.25          | 10.83                   | 27.22           | 0.02           |
| SQU-DS         | 2025-10-23 05:45:00 | 7.04            | 45.03                         | 0.53    | 7.28          | 10.84                   | 28.62           | 0.02           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-23 06:00:00 | 7.03            | 44.88                         | 0.53    | 7.31          | 10.86                   | 30.63           | 0.02           |
| SQU-DS         | 2025-10-23 06:15:00 | 7.02            | 44.56                         | 0.53    | 7.31          | 10.90                   | 30.33           | 0.02           |
| SQU-DS         | 2025-10-23 06:30:00 | 7.02            | 44.58                         | 0.53    | 7.32          | 10.91                   | 31.87           | 0.02           |
| SQU-DS         | 2025-10-23 06:45:00 | 7.02            | 44.74                         | 0.52    | 7.34          | 10.91                   | 32.06           | 0.02           |
| SQU-DS         | 2025-10-23 07:00:00 | 7.02            | 44.73                         | 0.53    | 7.34          | 10.91                   | 30.14           | 0.02           |
| SQU-DS         | 2025-10-23 07:15:00 | 7.02            | 44.52                         | 0.53    | 7.33          | 10.92                   | 35.30           | 0.02           |
| SQU-DS         | 2025-10-23 07:30:00 | 7.03            | 44.70                         | 0.53    | 7.32          | 10.90                   | 35.57           | 0.02           |
| SQU-DS         | 2025-10-23 07:45:00 | 7.04            | 43.41                         | 0.53    | 7.34          | 10.89                   | 38.67           | 0.02           |
| SQU-DS         | 2025-10-23 08:00:00 | 7.04            | 38.72                         | 0.53    | 7.34          | 10.91                   | 36.31           | 0.02           |
| SQU-DS         | 2025-10-23 08:15:00 | 7.04            | 37.13                         | 0.53    | 7.32          | 10.88                   | 35.17           | 0.02           |
| SQU-DS         | 2025-10-23 08:30:00 | 7.04            | 37.97                         | 0.53    | 7.33          | 10.81                   | 36.82           | 0.02           |
| SQU-DS         | 2025-10-23 08:45:00 | 7.05            | 38.64                         | 0.53    | 7.31          | 10.80                   | 29.63           | 0.02           |
| SQU-DS         | 2025-10-23 09:00:00 | 7.06            | 37.84                         | 0.53    | 7.35          | 10.79                   | 26.99           | 0.02           |
| SQU-DS         | 2025-10-23 09:15:00 | 7.05            | 37.53                         | 0.53    | 7.35          | 10.79                   | 26.42           | 0.02           |
| SQU-DS         | 2025-10-23 09:30:00 | 7.06            | 37.38                         | 0.53    | 7.34          | 10.79                   | 32.65           | 0.02           |
| SQU-DS         | 2025-10-23 09:45:00 | 7.07            | 37.33                         | 0.53    | 7.35          | 10.77                   | 32.40           | 0.02           |
| SQU-DS         | 2025-10-23 10:00:00 | 7.10            | 38.47                         | 0.53    | 7.34          | 10.77                   | 30.60           | 0.02           |
| SQU-DS         | 2025-10-23 10:15:00 | 7.11            | 38.74                         | 0.53    | 7.35          | 10.77                   | 33.68           | 0.02           |
| SQU-DS         | 2025-10-23 10:30:00 | 7.11            | 38.73                         | 0.53    | 7.34          | 10.76                   | 37.04           | 0.02           |
| SQU-DS         | 2025-10-23 10:45:00 | 7.11            | 38.97                         | 0.53    | 7.34          | 10.78                   | 35.53           | 0.02           |
| SQU-DS         | 2025-10-23 11:00:00 | 7.14            | 40.00                         | 0.52    | 7.33          | 10.76                   | 36.86           | 0.02           |
| SQU-DS         | 2025-10-23 11:15:00 | 7.14            | 39.41                         | 0.52    | 7.34          | 10.77                   | 45.27           | 0.02           |
| SQU-DS         | 2025-10-23 11:30:00 | 7.15            | 39.28                         | 0.52    | 7.31          | 10.77                   | 44.17           | 0.02           |
| SQU-DS         | 2025-10-23 11:45:00 | 7.15            | 38.88                         | 0.52    | 7.30          | 10.79                   | 49.78           | 0.02           |
| SQU-DS         | 2025-10-23 12:00:00 | 7.17            | 38.88                         | 0.52    | 7.33          | 10.78                   | 46.35           | 0.02           |
| SQU-DS         | 2025-10-23 12:15:00 | 7.17            | 38.85                         | 0.52    | 7.33          | 10.79                   | 48.11           | 0.02           |
| SQU-DS         | 2025-10-23 12:30:00 | 7.18            | 38.74                         | 0.52    | 7.33          | 10.80                   | 48.89           | 0.02           |
| SQU-DS         | 2025-10-23 12:45:00 | 7.18            | 38.74                         | 0.52    | 7.34          | 10.81                   | 49.88           | 0.02           |
| SQU-DS         | 2025-10-23 13:00:00 | 7.19            | 38.87                         | 0.52    | 7.32          | 10.80                   | 53.54           | 0.02           |
| SQU-DS         | 2025-10-23 13:15:00 | 7.21            | 38.86                         | 0.52    | 7.33          | 10.80                   | 51.19           | 0.02           |
| SQU-DS         | 2025-10-23 13:30:00 | 7.23            | 39.01                         | 0.52    | 7.32          | 10.82                   | 52.82           | 0.02           |
| SQU-DS         | 2025-10-23 13:45:00 | 7.24            | 38.92                         | 0.52    | 7.37          | 10.82                   | 51.50           | 0.02           |
| SQU-DS         | 2025-10-23 14:00:00 | 7.26            | 39.11                         | 0.52    | 7.32          | 10.84                   | 53.49           | 0.02           |
| SQU-DS         | 2025-10-23 14:15:00 | 7.27            | 39.23                         | 0.52    | 7.35          | 10.84                   | 55.98           | 0.02           |
| SQU-DS         | 2025-10-23 14:30:00 | 7.29            | 39.75                         | 0.51    | 7.37          | 10.83                   | 56.77           | 0.02           |
| SQU-DS         | 2025-10-23 14:45:00 | 7.30            | 39.61                         | 0.52    | 7.35          | 10.82                   | 54.89           | 0.02           |
| SQU-DS         | 2025-10-23 15:00:00 | 7.32            | 39.39                         | 0.52    | 7.31          | 10.81                   | 64.74           | 0.02           |
| SQU-DS         | 2025-10-23 15:15:00 | 7.33            | 39.22                         | 0.52    | 7.36          | 10.83                   | 71.05           | 0.02           |
| SQU-DS         | 2025-10-23 15:30:00 | 7.34            | 38.79                         | 0.52    | 7.38          | 10.82                   | 64.45           | 0.02           |
| SQU-DS         | 2025-10-23 15:45:00 | 7.34            | 37.77                         | 0.52    | 7.33          | 10.82                   | 75.85           | 0.02           |
| SQU-DS         | 2025-10-23 16:00:00 | 7.35            | 36.71                         | 0.52    | 7.33          | 10.81                   | 94.06           | 0.02           |
| SQU-DS         | 2025-10-23 16:15:00 | 7.37            | 35.22                         | 0.52    | 7.36          | 10.80                   | 74.84           | 0.02           |
| SQU-DS         | 2025-10-23 16:30:00 | 7.38            | 34.21                         | 0.52    | 7.36          | 10.78                   | 78.97           | 0.01           |
| SQU-DS         | 2025-10-23 16:45:00 | 7.40            | 34.37                         | 0.52    | 7.37          | 10.76                   | 79.48           | 0.01           |
| SQU-DS         | 2025-10-23 17:00:00 | 7.40            | 33.57                         | 0.52    | 7.35          | 10.75                   | 86.26           | 0.01           |
| SQU-DS         | 2025-10-23 17:15:00 | 7.41            | 33.04                         | 0.52    | 7.36          | 10.75                   | 81.42           | 0.01           |
| SQU-DS         | 2025-10-23 17:30:00 | 7.42            | 34.01                         | 0.52    | 7.38          | 10.73                   | 93.79           | 0.01           |
| SQU-DS         | 2025-10-23 17:45:00 | 7.43            | 34.27                         | 0.53    | 7.35          | 10.70                   | 85.80           | 0.01           |
| SQU-DS         | 2025-10-23 18:00:00 | 7.42            | 32.68                         | 0.53    | 7.36          | 10.67                   | 97.06           | 0.01           |
| SQU-DS         | 2025-10-23 18:15:00 | 7.42            | 30.79                         | 0.53    | 7.36          | 10.63                   | 88.60           | 0.01           |
| SQU-DS         | 2025-10-23 18:30:00 | 7.44            | 31.00                         | 0.53    | 7.32          | 10.54                   | 117.86          | 0.01           |
| SQU-DS         | 2025-10-23 18:45:00 | 7.44            | 30.28                         | 0.53    | 7.35          | 10.40                   | 86.32           | 0.01           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-23 19:00:00 | 7.45            | 29.64                         | 0.53    | 7.33          | 10.38                   | 73.38           | 0.01           |
| SQU-DS         | 2025-10-23 19:15:00 | 7.45            | 28.87                         | 0.53    | 7.32          | 10.25                   | 74.40           | 0.01           |
| SQU-DS         | 2025-10-23 19:30:00 | 7.47            | 29.10                         | 0.52    | 7.34          | 10.13                   | 72.05           | 0.01           |
| SQU-DS         | 2025-10-23 19:45:00 | 7.48            | 28.98                         | 0.52    | 7.33          | 10.00                   | 74.88           | 0.01           |
| SQU-DS         | 2025-10-23 20:00:00 | 7.48            | 28.88                         | 0.53    | 7.30          | 9.90                    | 86.56           | 0.01           |
| SQU-DS         | 2025-10-23 20:15:00 | 7.49            | 28.97                         | 0.52    | 7.32          | 9.84                    | 77.23           | 0.01           |
| SQU-DS         | 2025-10-23 20:30:00 | 7.50            | 28.95                         | 0.53    | 7.32          | 9.83                    | 75.64           | 0.01           |
| SQU-DS         | 2025-10-23 20:45:00 | 7.51            | 28.92                         | 0.53    | 7.32          | 9.79                    | 73.45           | 0.01           |
| SQU-DS         | 2025-10-23 21:00:00 | 7.51            | 28.86                         | 0.53    | 7.30          | 9.70                    | 75.83           | 0.01           |
| SQU-DS         | 2025-10-23 21:15:00 | 7.52            | 29.05                         | 0.53    | 7.26          | 9.65                    | 85.41           | 0.01           |
| SQU-DS         | 2025-10-23 21:30:00 | 7.53            | 29.02                         | 0.53    | 7.27          | 9.62                    | 80.95           | 0.01           |
| SQU-DS         | 2025-10-23 21:45:00 | 7.53            | 29.09                         | 0.52    | 7.31          | 9.58                    | 83.83           | 0.01           |
| SQU-DS         | 2025-10-23 22:00:00 | 7.54            | 29.06                         | 0.52    | 7.29          | 9.56                    | 78.59           | 0.01           |
| SQU-DS         | 2025-10-23 22:15:00 | 7.56            | 29.22                         | 0.52    | 7.31          | 9.57                    | 73.34           | 0.01           |
| SQU-DS         | 2025-10-23 22:30:00 | 7.57            | 29.02                         | 0.52    | 7.27          | 9.55                    | 131.89          | 0.01           |
| SQU-DS         | 2025-10-23 22:45:00 | 7.58            | 28.87                         | 0.52    | 7.26          | 9.55                    | 83.22           | 0.01           |
| SQU-DS         | 2025-10-23 23:00:00 | 7.58            | 28.77                         | 0.52    | 7.27          | 9.54                    | 85.95           | 0.01           |
| SQU-DS         | 2025-10-23 23:15:00 | 7.59            | 28.57                         | 0.52    | 7.30          | 9.52                    | 85.37           | 0.01           |
| SQU-DS         | 2025-10-23 23:30:00 | 7.59            | 28.26                         | 0.53    | 7.25          | 9.52                    | 103.50          | 0.01           |
| SQU-DS         | 2025-10-23 23:45:00 | 7.60            | 28.11                         | 0.52    | 7.27          | 9.53                    | 82.98           | 0.01           |
| SQU-DS         | 2025-10-24 00:00:00 | 7.60            | 27.97                         | 0.52    | 7.29          | 9.55                    | 79.83           | 0.01           |
| SQU-DS         | 2025-10-24 00:15:00 | 7.60            | 27.88                         | 0.52    | 7.29          | 9.62                    | 85.23           | 0.01           |
| SQU-DS         | 2025-10-24 00:30:00 | 7.61            | 27.64                         | 0.52    | 7.30          | 9.69                    | 88.99           | 0.01           |
| SQU-DS         | 2025-10-24 00:45:00 | 7.62            | 27.33                         | 0.52    | 7.30          | 9.86                    | 91.68           | 0.01           |
| SQU-DS         | 2025-10-24 01:00:00 | 7.62            | 27.09                         | 0.52    | 7.31          | 10.06                   | 90.48           | 0.01           |
| SQU-DS         | 2025-10-24 01:15:00 | 7.62            | 26.96                         | 0.52    | 7.31          | 10.17                   | 92.95           | 0.01           |
| SQU-DS         | 2025-10-24 01:30:00 | 7.62            | 26.76                         | 0.52    | 7.26          | 10.23                   | 96.60           | 0.01           |
| SQU-DS         | 2025-10-24 01:45:00 | 7.62            | 26.46                         | 0.52    | 7.30          | 10.30                   | 103.76          | 0.01           |
| SQU-DS         | 2025-10-24 02:00:00 | 7.63            | 26.21                         | 0.52    | 7.31          | 10.33                   | 121.78          | 0.01           |
| SQU-DS         | 2025-10-24 02:15:00 | 7.63            | 25.99                         | 0.52    | 7.32          | 10.33                   | 123.90          | 0.01           |
| SQU-DS         | 2025-10-24 02:30:00 | 7.64            | 25.98                         | 0.52    | 7.30          | 10.29                   | 112.07          | 0.01           |
| SQU-DS         | 2025-10-24 02:45:00 | 7.64            | 25.87                         | 0.53    | 7.27          | 10.29                   | 118.21          | 0.01           |
| SQU-DS         | 2025-10-24 03:00:00 | 7.64            | 25.73                         | 0.53    | 7.29          | 10.29                   | 110.11          | 0.01           |
| SQU-DS         | 2025-10-24 03:15:00 | 7.64            | 25.62                         | 0.53    | 7.29          | 10.32                   | 116.26          | 0.01           |
| SQU-DS         | 2025-10-24 03:30:00 | 7.64            | 25.46                         | 0.53    | 7.30          | 10.37                   | 102.82          | 0.01           |
| SQU-DS         | 2025-10-24 03:45:00 | 7.65            | 25.34                         | 0.53    | 7.30          | 10.40                   | 46.69           | 0.01           |
| SQU-DS         | 2025-10-24 04:00:00 | 7.64            | 26.12                         | 0.52    | 7.31          | 10.39                   | 11.40           | 0.01           |
| SQU-DS         | 2025-10-24 04:15:00 | 7.65            | 24.98                         | 0.53    | 7.28          | 10.45                   | 7.61            | 0.01           |
| SQU-DS         | 2025-10-24 04:30:00 | 7.65            | 24.48                         | 0.52    | 7.29          | 10.56                   | 5.41            | 0.01           |
| SQU-DS         | 2025-10-24 04:45:00 | 7.65            | 24.40                         | 0.52    | 7.27          | 10.64                   | 3.26            | 0.01           |
| SQU-DS         | 2025-10-24 05:00:00 | 7.64            | 24.20                         | 0.52    | 7.27          | 10.57                   | 2.37            | 0.01           |
| SQU-DS         | 2025-10-24 05:15:00 | 7.64            | 24.06                         | 0.52    | 7.28          | 10.48                   | 1.84            | 0.01           |
| SQU-DS         | 2025-10-24 05:30:00 | 7.65            | 23.86                         | 0.52    | 7.24          | 10.45                   | 1.47            | 0.01           |
| SQU-DS         | 2025-10-24 05:45:00 | 7.66            | 23.62                         | 0.52    | 7.17          | 10.45                   | 1.11            | 0.01           |
| SQU-DS         | 2025-10-24 06:00:00 | 7.66            | 23.25                         | 0.51    | 7.25          | 10.36                   | 0.94            | 0.01           |
| SQU-DS         | 2025-10-24 06:15:00 | 7.66            | 22.98                         | 0.51    | 7.26          | 10.10                   | 0.72            | 0.01           |
| SQU-DS         | 2025-10-24 06:30:00 | 7.66            | 23.14                         | 0.51    | 7.22          | 9.89                    | 0.24            | 0.01           |
| SQU-DS         | 2025-10-24 06:45:00 | 7.67            | 22.91                         | 0.50    | 7.26          | 9.51                    | 0.00            | 0.01           |
| SQU-DS         | 2025-10-24 07:00:00 | 7.65            | 25.22                         | 0.51    | 7.35          | 9.13                    | 18.69           | 0.01           |
| SQU-DS         | 2025-10-24 07:15:00 | 7.64            | 21.81                         | 0.51    | 7.42          | 8.77                    | 10.17           | 0.01           |
| SQU-DS         | 2025-10-24 07:30:00 | 7.65            | 22.22                         | 0.51    | 7.42          | 8.51                    | 71.51           | 0.01           |
| SQU-DS         | 2025-10-24 07:45:00 | 7.63            | 30.59                         | 0.51    | 7.40          | 8.68                    | 47.23           | 0.01           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-24 08:00:00 | 7.63            | 30.16                         | 0.50    | 7.31          | 10.75                   | 120.54          | 0.01           |
| SQU-DS         | 2025-10-24 08:15:00 | 7.63            | 30.34                         | 0.50    | 7.33          | 10.82                   | 108.10          | 0.01           |
| SQU-DS         | 2025-10-24 08:30:00 | 7.64            | 30.55                         | 0.50    | 7.30          | 10.84                   | 176.02          | 0.01           |
| SQU-DS         | 2025-10-24 08:45:00 | 7.67            | 30.81                         | 0.49    | 7.31          | 10.81                   | 141.12          | 0.01           |
| SQU-DS         | 2025-10-24 09:00:00 | 7.68            | 31.87                         | 0.50    | 7.29          | 10.78                   | 150.66          | 0.01           |
| SQU-DS         | 2025-10-24 09:15:00 | 7.68            | 30.41                         | 0.50    | 7.29          | 10.79                   | 91.03           | 0.01           |
| SQU-DS         | 2025-10-24 09:30:00 | 7.66            | 29.59                         | 0.50    | 7.28          | 10.81                   | 140.15          | 0.01           |
| SQU-DS         | 2025-10-24 09:45:00 | 7.65            | 23.33                         | 0.50    | 7.20          | 10.83                   | 154.13          | 0.01           |
| SQU-DS         | 2025-10-24 10:00:00 | 7.66            | 21.80                         | 0.50    | 7.32          | 10.79                   | 137.88          | 0.01           |
| SQU-DS         | 2025-10-24 10:15:00 | 7.66            | 19.19                         | 0.49    | 7.42          | 10.79                   | 161.23          | 0.01           |
| SQU-DS         | 2025-10-24 10:30:00 | 7.68            | 21.81                         | 0.49    | 7.43          | 10.80                   | 216.76          | 0.01           |
| SQU-DS         | 2025-10-24 10:45:00 | 7.70            | 19.57                         | 0.49    | 7.42          | 10.85                   | 225.17          | 0.01           |
| SQU-DS         | 2025-10-24 11:00:00 | 7.70            | 18.63                         | 0.50    | 7.25          | 10.88                   | 198.69          | 0.01           |
| SQU-DS         | 2025-10-24 11:15:00 | 7.72            | 20.34                         | 0.50    | 7.33          | 10.93                   | 192.26          | 0.01           |
| SQU-DS         | 2025-10-24 11:30:00 | 7.73            | 18.77                         | 0.50    | 7.33          | 10.98                   | 198.82          | 0.01           |
| SQU-DS         | 2025-10-24 11:45:00 | 7.76            | 19.64                         | 0.49    | 7.43          | 11.02                   | 212.43          | 0.01           |
| SQU-DS         | 2025-10-24 12:00:00 | 7.77            | 18.77                         | 0.49    | 7.41          | 11.02                   | 181.04          | 0.01           |
| SQU-DS         | 2025-10-24 12:15:00 | 7.79            | 17.80                         | 0.49    | 7.37          | 11.03                   | 246.48          | 0.01           |
| SQU-DS         | 2025-10-24 12:30:00 | 7.81            | 21.84                         | 0.49    | 7.44          | 11.09                   | 304.25          | 0.01           |
| SQU-DS         | 2025-10-24 12:45:00 | 7.84            | 17.25                         | 0.49    | 7.39          | 11.12                   | 249.50          | 0.01           |
| SQU-DS         | 2025-10-24 13:00:00 | 7.86            | 16.06                         | 0.48    | 7.40          | 11.10                   | 277.27          | 0.01           |
| SQU-DS         | 2025-10-24 13:15:00 | 7.90            | 18.00                         | 0.48    | 7.40          | 11.14                   | 261.52          | 0.01           |
| SQU-DS         | 2025-10-24 13:30:00 | 7.92            | 16.76                         | 0.48    | 7.37          | 11.17                   | 346.18          | 0.01           |
| SQU-DS         | 2025-10-24 13:45:00 | 7.93            | 24.46                         | 0.47    | 7.42          | 11.23                   | 314.48          | 0.01           |
| SQU-DS         | 2025-10-24 14:00:00 | 7.95            | 15.40                         | 0.47    | 7.36          | 11.25                   | 374.43          | 0.01           |
| SQU-DS         | 2025-10-24 14:15:00 | 7.98            | 23.17                         | 0.46    | 7.42          | 11.29                   | 397.76          | 0.01           |
| SQU-DS         | 2025-10-24 14:30:00 | 8.00            | 23.68                         | 0.46    | 7.36          | 11.29                   | 432.11          | 0.01           |
| SQU-DS         | 2025-10-24 14:45:00 | 8.00            | 21.74                         | 0.46    | 7.41          | 11.17                   | 669.45          | 0.01           |
| SQU-DS         | 2025-10-24 15:00:00 | 8.04            | 17.45                         | 0.46    | 7.33          | 11.23                   | 559.86          | 0.01           |
| SQU-DS         | 2025-10-24 15:15:00 | 8.06            | 19.94                         | 0.46    | 7.29          | 10.62                   | 486.61          | 0.01           |
| SQU-DS         | 2025-10-24 15:30:00 | 8.08            | 21.40                         | 0.46    | 7.27          | 10.28                   | 662.66          | 0.01           |
| SQU-DS         | 2025-10-24 15:45:00 | 8.06            | 23.14                         | 0.46    | 7.35          | 11.48                   | 539.02          | 0.01           |
| SQU-DS         | 2025-10-24 16:00:00 | 8.05            | 22.78                         | 0.46    | 7.32          | 11.51                   | 573.99          | 0.01           |
| SQU-DS         | 2025-10-24 16:15:00 | 8.04            | 22.60                         | 0.46    | 7.29          | 11.51                   | 531.66          | 0.01           |
| SQU-DS         | 2025-10-24 16:30:00 | 8.03            | 22.41                         | 0.46    | 7.29          | 11.47                   | 430.68          | 0.01           |
| SQU-DS         | 2025-10-24 16:45:00 | 8.03            | 22.25                         | 0.47    | 7.30          | 11.50                   | 531.49          | 0.01           |
| SQU-DS         | 2025-10-24 17:00:00 | 8.01            | 21.95                         | 0.47    | 7.29          | 11.42                   | 466.90          | 0.01           |
| SQU-DS         | 2025-10-24 17:15:00 | 8.01            | 21.78                         | 0.47    | 7.27          | 11.41                   | 513.17          | 0.01           |
| SQU-DS         | 2025-10-24 17:30:00 | 7.99            | 21.85                         | 0.47    | 7.25          | 11.35                   | 520.15          | 0.01           |
| SQU-DS         | 2025-10-24 17:45:00 | 7.97            | 21.26                         | 0.47    | 7.28          | 11.39                   | 368.07          | 0.01           |
| SQU-DS         | 2025-10-24 18:00:00 | 7.95            | 21.23                         | 0.48    | 7.24          | 11.33                   | 452.57          | 0.01           |
| SQU-DS         | 2025-10-24 18:15:00 | 7.93            | 21.28                         | 0.48    | 7.26          | 11.22                   | 360.64          | 0.01           |
| SQU-DS         | 2025-10-24 18:30:00 | 7.91            | 20.83                         | 0.48    | 7.24          | 11.11                   | 286.03          | 0.01           |
| SQU-DS         | 2025-10-24 18:45:00 | 7.90            | 21.38                         | 0.48    | 7.27          | 11.19                   | 368.74          | 0.01           |
| SQU-DS         | 2025-10-24 19:00:00 | 7.88            | 20.44                         | 0.48    | 7.26          | 11.20                   | 335.55          | 0.01           |
| SQU-DS         | 2025-10-24 19:15:00 | 7.87            | 21.70                         | 0.48    | 7.25          | 11.16                   | 291.54          | 0.01           |
| SQU-DS         | 2025-10-24 19:30:00 | 7.86            | 21.41                         | 0.49    | 7.24          | 11.18                   | 283.60          | 0.01           |
| SQU-DS         | 2025-10-24 19:45:00 | 7.86            | 22.12                         | 0.49    | 7.24          | 11.14                   | 271.08          | 0.01           |
| SQU-DS         | 2025-10-24 20:00:00 | 7.84            | 22.07                         | 0.49    | 7.22          | 11.07                   | 264.29          | 0.01           |
| SQU-DS         | 2025-10-24 20:15:00 | 7.84            | 21.80                         | 0.49    | 7.23          | 11.06                   | 252.73          | 0.01           |
| SQU-DS         | 2025-10-24 20:30:00 | 7.84            | 22.58                         | 0.49    | 7.23          | 10.95                   | 257.39          | 0.01           |
| SQU-DS         | 2025-10-24 20:45:00 | 7.83            | 22.04                         | 0.49    | 7.25          | 10.88                   | 249.23          | 0.01           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-24 21:00:00 | 7.83            | 21.77                         | 0.49    | 7.23          | 10.85                   | 264.76          | 0.01           |
| SQU-DS         | 2025-10-24 21:15:00 | 7.82            | 22.82                         | 0.49    | 7.25          | 10.82                   | 250.18          | 0.01           |
| SQU-DS         | 2025-10-24 21:30:00 | 7.81            | 22.44                         | 0.50    | 7.26          | 10.78                   | 227.29          | 0.01           |
| SQU-DS         | 2025-10-24 21:45:00 | 7.79            | 21.96                         | 0.50    | 7.23          | 10.80                   | 232.78          | 0.01           |
| SQU-DS         | 2025-10-24 22:00:00 | 7.78            | 22.37                         | 0.50    | 7.25          | 10.78                   | 213.21          | 0.01           |
| SQU-DS         | 2025-10-24 22:15:00 | 7.77            | 23.56                         | 0.50    | 7.26          | 10.79                   | 186.46          | 0.01           |
| SQU-DS         | 2025-10-24 22:30:00 | 7.76            | 23.48                         | 0.50    | 7.23          | 10.76                   | 191.12          | 0.01           |
| SQU-DS         | 2025-10-24 22:45:00 | 7.74            | 23.29                         | 0.50    | 7.24          | 10.83                   | 170.40          | 0.01           |
| SQU-DS         | 2025-10-24 23:00:00 | 7.72            | 23.14                         | 0.50    | 7.25          | 10.86                   | 228.79          | 0.01           |
| SQU-DS         | 2025-10-24 23:15:00 | 7.71            | 24.08                         | 0.50    | 7.26          | 10.95                   | 154.18          | 0.01           |
| SQU-DS         | 2025-10-24 23:30:00 | 7.69            | 23.74                         | 0.50    | 7.25          | 11.01                   | 214.14          | 0.01           |
| SQU-DS         | 2025-10-24 23:45:00 | 7.68            | 24.21                         | 0.50    | 7.26          | 11.02                   | 127.55          | 0.01           |
| SQU-DS         | 2025-10-25 00:00:00 | 7.66            | 24.58                         | 0.51    | 7.24          | 11.00                   | 147.48          | 0.01           |
| SQU-DS         | 2025-10-25 00:15:00 | 7.65            | 24.23                         | 0.51    | 7.25          | 10.98                   | 153.73          | 0.01           |
| SQU-DS         | 2025-10-25 00:30:00 | 7.64            | 24.74                         | 0.51    | 7.28          | 10.95                   | 171.52          | 0.01           |
| SQU-DS         | 2025-10-25 00:45:00 | 7.61            | 23.99                         | 0.51    | 7.24          | 10.90                   | 139.76          | 0.01           |
| SQU-DS         | 2025-10-25 01:00:00 | 7.60            | 25.23                         | 0.51    | 7.23          | 10.97                   | 124.83          | 0.01           |
| SQU-DS         | 2025-10-25 01:15:00 | 7.58            | 25.18                         | 0.51    | 7.24          | 11.14                   | 145.03          | 0.01           |
| SQU-DS         | 2025-10-25 01:30:00 | 7.57            | 25.50                         | 0.51    | 7.27          | 11.15                   | 111.01          | 0.01           |
| SQU-DS         | 2025-10-25 01:45:00 | 7.55            | 25.21                         | 0.51    | 7.26          | 11.15                   | 119.73          | 0.01           |
| SQU-DS         | 2025-10-25 02:00:00 | 7.53            | 25.71                         | 0.51    | 7.26          | 11.21                   | 101.89          | 0.01           |
| SQU-DS         | 2025-10-25 02:15:00 | 7.50            | 25.58                         | 0.51    | 7.26          | 11.22                   | 116.97          | 0.01           |
| SQU-DS         | 2025-10-25 02:30:00 | 7.48            | 25.63                         | 0.51    | 7.24          | 11.23                   | 121.66          | 0.01           |
| SQU-DS         | 2025-10-25 02:45:00 | 7.45            | 25.54                         | 0.52    | 7.22          | 11.24                   | 132.04          | 0.01           |
| SQU-DS         | 2025-10-25 03:00:00 | 7.43            | 26.00                         | 0.52    | 7.23          | 11.24                   | 123.85          | 0.01           |
| SQU-DS         | 2025-10-25 03:15:00 | 7.39            | 25.89                         | 0.52    | 7.22          | 11.22                   | 120.92          | 0.01           |
| SQU-DS         | 2025-10-25 03:30:00 | 7.37            | 25.89                         | 0.52    | 7.24          | 11.15                   | 97.90           | 0.01           |
| SQU-DS         | 2025-10-25 03:45:00 | 7.34            | 26.76                         | 0.52    | 7.20          | 11.16                   | 94.27           | 0.01           |
| SQU-DS         | 2025-10-25 04:00:00 | 7.31            | 26.41                         | 0.52    | 7.20          | 11.25                   | 96.25           | 0.01           |
| SQU-DS         | 2025-10-25 04:15:00 | 7.28            | 26.66                         | 0.52    | 7.20          | 11.25                   | 125.74          | 0.01           |
| SQU-DS         | 2025-10-25 04:30:00 | 7.25            | 26.45                         | 0.52    | 7.22          | 11.24                   | 97.14           | 0.01           |
| SQU-DS         | 2025-10-25 04:45:00 | 7.24            | 26.40                         | 0.52    | 7.19          | 11.24                   | 100.44          | 0.01           |
| SQU-DS         | 2025-10-25 05:00:00 | 7.22            | 26.52                         | 0.52    | 7.22          | 11.22                   | 95.89           | 0.01           |
| SQU-DS         | 2025-10-25 05:15:00 | 7.19            | 26.86                         | 0.52    | 7.20          | 11.23                   | 94.25           | 0.01           |
| SQU-DS         | 2025-10-25 05:30:00 | 7.18            | 26.80                         | 0.52    | 7.21          | 11.22                   | 83.03           | 0.01           |
| SQU-DS         | 2025-10-25 05:45:00 | 7.16            | 26.94                         | 0.52    | 7.23          | 11.20                   | 101.28          | 0.01           |
| SQU-DS         | 2025-10-25 06:00:00 | 7.16            | 26.87                         | 0.52    | 7.20          | 11.20                   | 97.27           | 0.01           |
| SQU-DS         | 2025-10-25 06:15:00 | 7.14            | 27.05                         | 0.52    | 7.19          | 11.20                   | 81.52           | 0.01           |
| SQU-DS         | 2025-10-25 06:30:00 | 7.13            | 27.10                         | 0.52    | 7.22          | 11.18                   | 80.50           | 0.01           |
| SQU-DS         | 2025-10-25 06:45:00 | 7.11            | 27.21                         | 0.52    | 7.22          | 11.17                   | 86.54           | 0.01           |
| SQU-DS         | 2025-10-25 07:00:00 | 7.10            | 27.44                         | 0.52    | 7.24          | 11.16                   | 83.16           | 0.01           |
| SQU-DS         | 2025-10-25 07:15:00 | 7.09            | 27.52                         | 0.52    | 7.23          | 11.17                   | 84.66           | 0.01           |
| SQU-DS         | 2025-10-25 07:30:00 | 7.07            | 27.71                         | 0.53    | 7.22          | 11.16                   | 67.17           | 0.01           |
| SQU-DS         | 2025-10-25 07:45:00 | 7.05            | 27.89                         | 0.53    | 7.24          | 11.16                   | 59.92           | 0.01           |
| SQU-DS         | 2025-10-25 08:00:00 | 7.04            | 27.51                         | 0.53    | 7.22          | 11.15                   | 65.11           | 0.01           |
| SQU-DS         | 2025-10-25 08:15:00 | 7.03            | 28.22                         | 0.53    | 7.23          | 11.14                   | 64.61           | 0.01           |
| SQU-DS         | 2025-10-25 08:30:00 | 7.01            | 28.37                         | 0.53    | 7.23          | 11.13                   | 58.33           | 0.01           |
| SQU-DS         | 2025-10-25 08:45:00 | 7.00            | 28.69                         | 0.52    | 7.25          | 11.12                   | 60.66           | 0.01           |
| SQU-DS         | 2025-10-25 09:00:00 | 6.99            | 28.28                         | 0.53    | 7.22          | 11.09                   | 53.93           | 0.01           |
| SQU-DS         | 2025-10-25 09:15:00 | 6.97            | 28.91                         | 0.53    | 7.24          | 11.08                   | 41.00           | 0.01           |
| SQU-DS         | 2025-10-25 09:30:00 | 6.96            | 29.44                         | 0.52    | 7.24          | 11.08                   | 40.07           | 0.01           |
| SQU-DS         | 2025-10-25 09:45:00 | 6.96            | 29.40                         | 0.52    | 7.23          | 11.07                   | 51.37           | 0.01           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-25 10:00:00 | 6.96            | 28.98                         | 0.52    | 7.23          | 11.05                   | 60.01           | 0.01           |
| SQU-DS         | 2025-10-25 10:15:00 | 6.94            | 29.92                         | 0.52    | 7.24          | 11.04                   | 30.79           | 0.01           |
| SQU-DS         | 2025-10-25 10:30:00 | 6.94            | 29.85                         | 0.52    | 7.24          | 11.02                   | 40.92           | 0.01           |
| SQU-DS         | 2025-10-25 10:45:00 | 6.94            | 29.65                         | 0.52    | 7.24          | 11.03                   | 77.62           | 0.01           |
| SQU-DS         | 2025-10-25 11:00:00 | 6.93            | 29.76                         | 0.52    | 7.23          | 11.03                   | 62.06           | 0.01           |
| SQU-DS         | 2025-10-25 11:15:00 | 6.92            | 29.95                         | 0.52    | 7.25          | 11.02                   | 60.68           | 0.01           |
| SQU-DS         | 2025-10-25 11:30:00 | 6.93            | 30.48                         | 0.52    | 7.23          | 10.99                   | 461.61          | 0.01           |
| SQU-DS         | 2025-10-25 11:45:00 | 6.95            | 30.18                         | 0.52    | 7.23          | 10.99                   | 2895.44         | 0.01           |
| SQU-DS         | 2025-10-25 12:00:00 | 6.94            | 30.59                         | 0.52    | 7.23          | 10.97                   | 49.69           | 0.01           |
| SQU-DS         | 2025-10-25 12:15:00 | 6.96            | 30.13                         | 0.52    | 7.22          | 10.97                   | 77.12           | 0.01           |
| SQU-DS         | 2025-10-25 12:30:00 | 6.96            | 30.17                         | 0.52    | 7.22          | 10.94                   | 69.71           | 0.01           |
| SQU-DS         | 2025-10-25 12:45:00 | 6.97            | 30.18                         | 0.52    | 7.23          | 10.93                   | 36.50           | 0.01           |
| SQU-DS         | 2025-10-25 13:00:00 | 6.97            | 30.29                         | 0.52    | 7.23          | 10.92                   | 42.06           | 0.01           |
| SQU-DS         | 2025-10-25 13:15:00 | 6.98            | 29.88                         | 0.51    | 7.26          | 10.91                   | 43.31           | 0.01           |
| SQU-DS         | 2025-10-25 13:30:00 | 6.99            | 29.75                         | 0.51    | 7.21          | 10.91                   | 54.15           | 0.01           |
| SQU-DS         | 2025-10-25 13:45:00 | 6.99            | 30.38                         | 0.51    | 7.23          | 10.90                   | 35.59           | 0.01           |
| SQU-DS         | 2025-10-25 14:00:00 | 7.00            | 30.02                         | 0.51    | 7.23          | 10.88                   | 43.53           | 0.01           |
| SQU-DS         | 2025-10-25 14:15:00 | 6.99            | 30.65                         | 0.51    | 7.23          | 10.87                   | 34.48           | 0.01           |
| SQU-DS         | 2025-10-25 14:30:00 | 7.01            | 30.65                         | 0.51    | 7.22          | 10.88                   | 64.80           | 0.01           |
| SQU-DS         | 2025-10-25 14:45:00 | 7.02            | 30.34                         | 0.51    | 7.22          | 10.86                   | 45.80           | 0.01           |
| SQU-DS         | 2025-10-25 15:00:00 | 7.01            | 31.25                         | 0.51    | 7.23          | 10.85                   | 40.08           | 0.01           |
| SQU-DS         | 2025-10-25 15:15:00 | 7.02            | 31.40                         | 0.51    | 7.23          | 10.84                   | 27.89           | 0.01           |
| SQU-DS         | 2025-10-25 15:30:00 | 7.02            | 31.26                         | 0.51    | 7.23          | 10.84                   | 11.45           | 0.01           |
| SQU-DS         | 2025-10-25 15:45:00 | 7.02            | 31.46                         | 0.52    | 7.21          | 10.83                   | 47.61           | 0.01           |
| SQU-DS         | 2025-10-25 16:00:00 | 7.01            | 30.93                         | 0.52    | 7.24          | 10.83                   | 30.08           | 0.01           |
| SQU-DS         | 2025-10-25 16:15:00 | 7.00            | 31.03                         | 0.52    | 7.25          | 10.83                   | 34.60           | 0.01           |
| SQU-DS         | 2025-10-25 16:30:00 | 6.99            | 31.14                         | 0.52    | 7.25          | 10.84                   | 30.16           | 0.01           |
| SQU-DS         | 2025-10-25 16:45:00 | 6.99            | 31.61                         | 0.52    | 7.25          | 10.82                   | 25.04           | 0.01           |
| SQU-DS         | 2025-10-25 17:00:00 | 6.99            | 32.19                         | 0.52    | 7.24          | 10.82                   | 24.78           | 0.01           |
| SQU-DS         | 2025-10-25 17:15:00 | 6.99            | 31.70                         | 0.52    | 7.24          | 10.82                   | 37.48           | 0.01           |
| SQU-DS         | 2025-10-25 17:30:00 | 6.98            | 32.08                         | 0.52    | 7.25          | 10.83                   | 29.07           | 0.01           |
| SQU-DS         | 2025-10-25 17:45:00 | 6.98            | 32.24                         | 0.52    | 7.26          | 10.79                   | 13.40           | 0.01           |
| SQU-DS         | 2025-10-25 18:00:00 | 6.97            | 31.90                         | 0.52    | 7.26          | 10.80                   | 28.21           | 0.01           |
| SQU-DS         | 2025-10-25 18:15:00 | 6.96            | 32.29                         | 0.52    | 7.24          | 10.79                   | 27.82           | 0.01           |
| SQU-DS         | 2025-10-25 18:30:00 | 6.95            | 31.90                         | 0.52    | 7.24          | 10.80                   | 26.13           | 0.01           |
| SQU-DS         | 2025-10-25 18:45:00 | 6.93            | 32.16                         | 0.52    | 7.25          | 10.80                   | 21.34           | 0.01           |
| SQU-DS         | 2025-10-25 19:00:00 | 6.93            | 33.01                         | 0.52    | 7.26          | 10.79                   | 25.05           | 0.01           |
| SQU-DS         | 2025-10-25 19:15:00 | 6.92            | 32.90                         | 0.52    | 7.25          | 10.79                   | 27.30           | 0.01           |
| SQU-DS         | 2025-10-25 19:30:00 | 6.91            | 32.82                         | 0.52    | 7.25          | 10.79                   | 31.38           | 0.01           |
| SQU-DS         | 2025-10-25 19:45:00 | 6.90            | 33.82                         | 0.52    | 7.26          | 10.78                   | 13.21           | 0.01           |
| SQU-DS         | 2025-10-25 20:00:00 | 6.90            | 33.17                         | 0.53    | 7.28          | 10.77                   | 19.60           | 0.01           |
| SQU-DS         | 2025-10-25 20:15:00 | 6.90            | 33.19                         | 0.52    | 7.26          | 10.78                   | 20.98           | 0.01           |
| SQU-DS         | 2025-10-25 20:30:00 | 6.89            | 34.02                         | 0.52    | 7.26          | 10.76                   | 14.73           | 0.01           |
| SQU-DS         | 2025-10-25 20:45:00 | 6.89            | 34.26                         | 0.52    | 7.25          | 10.76                   | 39.00           | 0.01           |
| SQU-DS         | 2025-10-25 21:00:00 | 6.89            | 33.60                         | 0.52    | 7.25          | 10.74                   | 27.16           | 0.01           |
| SQU-DS         | 2025-10-25 21:15:00 | 6.88            | 33.97                         | 0.52    | 7.26          | 10.76                   | 729.14          | 0.01           |
| SQU-DS         | 2025-10-25 21:30:00 | 6.88            | 34.15                         | 0.52    | 7.26          | 10.74                   | 21.01           | 0.01           |
| SQU-DS         | 2025-10-25 21:45:00 | 6.87            | 34.13                         | 0.52    | 7.25          | 10.74                   | 16.31           | 0.01           |
| SQU-DS         | 2025-10-25 22:00:00 | 6.87            | 33.57                         | 0.52    | 7.26          | 10.74                   | 12.80           | 0.01           |
| SQU-DS         | 2025-10-25 22:15:00 | 6.87            | 34.76                         | 0.52    | 7.26          | 10.75                   | 16.81           | 0.01           |
| SQU-DS         | 2025-10-25 22:30:00 | 6.87            | 34.83                         | 0.52    | 7.27          | 10.75                   | 15.37           | 0.01           |
| SQU-DS         | 2025-10-25 22:45:00 | 6.86            | 34.16                         | 0.52    | 7.26          | 10.75                   | 23.06           | 0.01           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-25 23:00:00 | 6.85            | 35.07                         | 0.52    | 7.26          | 10.79                   | 26.09           | 0.02           |
| SQU-DS         | 2025-10-25 23:15:00 | 6.85            | 34.39                         | 0.52    | 7.27          | 10.78                   | 25.63           | 0.01           |
| SQU-DS         | 2025-10-25 23:30:00 | 6.84            | 33.96                         | 0.52    | 7.25          | 10.80                   | 34.25           | 0.01           |
| SQU-DS         | 2025-10-25 23:45:00 | 6.83            | 34.50                         | 0.52    | 7.25          | 10.81                   | 39.22           | 0.01           |
| SQU-DS         | 2025-10-26 00:00:00 | 6.83            | 33.98                         | 0.52    | 7.27          | 10.81                   | 25.32           | 0.01           |
| SQU-DS         | 2025-10-26 00:15:00 | 6.81            | 33.91                         | 0.52    | 7.27          | 10.82                   | 30.73           | 0.01           |
| SQU-DS         | 2025-10-26 00:30:00 | 6.80            | 33.72                         | 0.52    | 7.25          | 10.85                   | 36.37           | 0.01           |
| SQU-DS         | 2025-10-26 00:45:00 | 6.80            | 34.20                         | 0.52    | 7.27          | 10.83                   | 23.15           | 0.01           |
| SQU-DS         | 2025-10-26 01:00:00 | 6.78            | 33.90                         | 0.52    | 7.28          | 10.86                   | 26.79           | 0.01           |
| SQU-DS         | 2025-10-26 01:15:00 | 6.77            | 34.67                         | 0.52    | 7.29          | 10.86                   | 26.84           | 0.01           |
| SQU-DS         | 2025-10-26 01:30:00 | 6.76            | 34.05                         | 0.52    | 7.27          | 10.86                   | 36.33           | 0.01           |
| SQU-DS         | 2025-10-26 01:45:00 | 6.74            | 34.47                         | 0.52    | 7.28          | 10.89                   | 37.26           | 0.01           |
| SQU-DS         | 2025-10-26 02:00:00 | 6.73            | 34.54                         | 0.52    | 7.28          | 10.91                   | 31.18           | 0.01           |
| SQU-DS         | 2025-10-26 02:15:00 | 6.72            | 34.13                         | 0.52    | 7.29          | 10.93                   | 27.64           | 0.01           |
| SQU-DS         | 2025-10-26 02:30:00 | 6.72            | 33.86                         | 0.52    | 7.28          | 10.93                   | 41.29           | 0.01           |
| SQU-DS         | 2025-10-26 02:45:00 | 6.72            | 33.96                         | 0.52    | 7.29          | 10.96                   | 36.72           | 0.01           |
| SQU-DS         | 2025-10-26 03:00:00 | 6.71            | 33.51                         | 0.52    | 7.30          | 10.96                   | 31.57           | 0.01           |
| SQU-DS         | 2025-10-26 03:15:00 | 6.71            | 33.81                         | 0.52    | 7.29          | 10.99                   | 29.48           | 0.01           |
| SQU-DS         | 2025-10-26 03:30:00 | 6.70            | 33.47                         | 0.52    | 7.29          | 11.01                   | 36.06           | 0.01           |
| SQU-DS         | 2025-10-26 03:45:00 | 6.71            | 33.79                         | 0.52    | 7.30          | 11.03                   | 54.32           | 0.01           |
| SQU-DS         | 2025-10-26 04:00:00 | 6.70            | 33.46                         | 0.52    | 7.31          | 11.05                   | 28.33           | 0.01           |
| SQU-DS         | 2025-10-26 04:15:00 | 6.70            | 33.38                         | 0.52    | 7.30          | 11.08                   | 32.42           | 0.01           |
| SQU-DS         | 2025-10-26 04:30:00 | 6.69            | 33.54                         | 0.52    | 7.32          | 11.07                   | 23.50           | 0.01           |
| SQU-DS         | 2025-10-26 04:45:00 | 6.69            | 32.81                         | 0.52    | 7.30          | 11.10                   | 20.56           | 0.01           |
| SQU-DS         | 2025-10-26 05:00:00 | 6.69            | 32.36                         | 0.52    | 7.32          | 11.12                   | 20.25           | 0.01           |
| SQU-DS         | 2025-10-26 05:15:00 | 6.67            | 32.57                         | 0.52    | 7.30          | 11.15                   | 32.72           | 0.01           |
| SQU-DS         | 2025-10-26 05:30:00 | 6.67            | 32.28                         | 0.52    | 7.31          | 11.16                   | 27.97           | 0.01           |
| SQU-DS         | 2025-10-26 05:45:00 | 6.66            | 32.43                         | 0.52    | 7.30          | 11.17                   | 27.32           | 0.01           |
| SQU-DS         | 2025-10-26 06:00:00 | 6.65            | 32.69                         | 0.52    | 7.31          | 11.16                   | 25.72           | 0.01           |
| SQU-DS         | 2025-10-26 06:15:00 | 6.65            | 32.49                         | 0.52    | 7.31          | 11.17                   | 21.33           | 0.01           |
| SQU-DS         | 2025-10-26 06:30:00 | 6.65            | 32.24                         | 0.52    | 7.30          | 11.18                   | 34.87           | 0.01           |
| SQU-DS         | 2025-10-26 06:45:00 | 6.66            | 31.77                         | 0.52    | 7.29          | 11.13                   | 26.96           | 0.01           |
| SQU-DS         | 2025-10-26 07:00:00 | 6.65            | 31.86                         | 0.52    | 7.31          | 11.16                   | 31.32           | 0.01           |
| SQU-DS         | 2025-10-26 07:15:00 | 6.65            | 32.00                         | 0.52    | 7.32          | 11.18                   | 17.20           | 0.01           |
| SQU-DS         | 2025-10-26 07:30:00 | 6.65            | 31.76                         | 0.52    | 7.32          | 11.16                   | 10.94           | 0.01           |
| SQU-DS         | 2025-10-26 07:45:00 | 6.65            | 31.21                         | 0.52    | 7.32          | 11.17                   | 3.89            | 0.01           |
| SQU-DS         | 2025-10-26 08:00:00 | 6.65            | 31.83                         | 0.52    | 7.30          | 11.17                   | 12.94           | 0.01           |
| SQU-DS         | 2025-10-26 08:15:00 | 6.65            | 31.89                         | 0.52    | 7.32          | 11.16                   | 5.13            | 0.01           |
| SQU-DS         | 2025-10-26 08:30:00 | 6.65            | 32.05                         | 0.52    | 7.29          | 11.21                   | 23.95           | 0.01           |
| SQU-DS         | 2025-10-26 08:45:00 | 6.66            | 31.89                         | 0.52    | 7.27          | 11.23                   | 24.40           | 0.01           |
| SQU-DS         | 2025-10-26 09:00:00 | 6.66            | 31.94                         | 0.52    | 7.27          | 11.24                   | 28.08           | 0.01           |
| SQU-DS         | 2025-10-26 09:15:00 | 6.66            | 31.98                         | 0.52    | 7.26          | 11.23                   | 27.05           | 0.01           |
| SQU-DS         | 2025-10-26 09:30:00 | 6.68            | 32.30                         | 0.52    | 7.28          | 11.23                   | 26.00           | 0.01           |
| SQU-DS         | 2025-10-26 09:45:00 | 6.68            | 32.53                         | 0.52    | 7.26          | 11.23                   | 36.08           | 0.01           |
| SQU-DS         | 2025-10-26 10:00:00 | 6.69            | 32.52                         | 0.52    | 7.27          | 11.23                   | 23.28           | 0.01           |
| SQU-DS         | 2025-10-26 10:15:00 | 6.69            | 32.51                         | 0.52    | 7.28          | 11.21                   | 40.26           | 0.01           |
| SQU-DS         | 2025-10-26 10:30:00 | 6.70            | 32.31                         | 0.52    | 7.28          | 11.20                   | 23.68           | 0.01           |
| SQU-DS         | 2025-10-26 10:45:00 | 6.70            | 32.91                         | 0.52    | 7.27          | 11.21                   | 18.86           | 0.01           |
| SQU-DS         | 2025-10-26 11:00:00 | 6.70            | 32.27                         | 0.52    | 7.27          | 11.20                   | 22.50           | 0.01           |
| SQU-DS         | 2025-10-26 11:15:00 | 6.71            | 32.66                         | 0.52    | 7.29          | 11.17                   | 19.41           | 0.01           |
| SQU-DS         | 2025-10-26 11:30:00 | 6.73            | 32.63                         | 0.52    | 7.27          | 11.15                   | 13.55           | 0.01           |
| SQU-DS         | 2025-10-26 11:45:00 | 6.74            | 32.72                         | 0.52    | 7.27          | 11.15                   | 23.99           | 0.01           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-DS         | 2025-10-26 12:00:00 | 6.75            | 33.06                         | 0.51    | 7.28          | 11.13                   | 12.58           | 0.01           |
| SQU-DS         | 2025-10-26 12:15:00 | 6.77            | 33.47                         | 0.51    | 7.26          | 11.11                   | 33.18           | 0.01           |
| SQU-DS         | 2025-10-26 12:30:00 | 6.78            | 33.60                         | 0.51    | 7.26          | 11.09                   | 17.10           | 0.01           |
| SQU-DS         | 2025-10-26 12:45:00 | 6.80            | 33.37                         | 0.51    | 7.28          | 11.08                   | 12.15           | 0.01           |
| SQU-DS         | 2025-10-26 13:00:00 | 6.82            | 32.89                         | 0.51    | 7.26          | 11.06                   | 18.63           | 0.01           |
| SQU-DS         | 2025-10-26 13:15:00 | 6.83            | 33.21                         | 0.52    | 7.24          | 11.04                   | 19.28           | 0.01           |
| SQU-DS         | 2025-10-26 13:30:00 | 6.84            | 33.13                         | 0.52    | 7.27          | 11.02                   | 15.81           | 0.01           |
| SQU-DS         | 2025-10-26 13:45:00 | 6.85            | 34.53                         | 0.52    | 7.24          | 11.03                   | 15.66           | 0.01           |
| SQU-DS         | 2025-10-26 14:00:00 | 6.86            | 33.25                         | 0.52    | 7.26          | 11.02                   | 9.76            | 0.01           |
| SQU-DS         | 2025-10-26 14:15:00 | 6.89            | 34.34                         | 0.52    | 7.23          | 11.00                   | 16.19           | 0.01           |
| SQU-DS         | 2025-10-26 14:30:00 | 6.90            | 34.20                         | 0.52    | 7.28          | 10.95                   | 6.17            | 0.01           |
| SQU-DS         | 2025-10-26 14:45:00 | 6.91            | 33.54                         | 0.52    | 7.26          | 10.96                   | 17.51           | 0.01           |
| SQU-DS         | 2025-10-26 15:00:00 | 6.93            | 33.92                         | 0.52    | 7.26          | 10.97                   | 20.03           | 0.01           |
| SQU-DS         | 2025-10-26 15:15:00 | 6.96            | 34.03                         | 0.51    | 7.27          | 10.96                   | 14.85           | 0.01           |
| SQU-DS         | 2025-10-26 15:30:00 | 6.97            | 33.92                         | 0.51    | 7.25          | 10.97                   | 15.37           | 0.01           |
| SQU-DS         | 2025-10-26 15:45:00 | 6.96            | 33.66                         | 0.51    | 7.27          | 10.97                   | 21.28           | 0.01           |
| SQU-DS         | 2025-10-26 16:00:00 | 6.97            | 34.15                         | 0.51    | 7.25          | 10.96                   | 15.45           | 0.01           |
| SQU-DS         | 2025-10-26 16:15:00 | 6.97            | 34.09                         | 0.51    | 7.25          | 10.95                   | 19.36           | 0.01           |
| SQU-DS         | 2025-10-26 16:30:00 | 6.97            | 34.02                         | 0.51    | 7.27          | 10.95                   | 10.94           | 0.01           |
| SQU-DS         | 2025-10-26 16:45:00 | 6.96            | 33.79                         | 0.52    | 7.26          | 10.95                   | 18.79           | 0.01           |
| SQU-DS         | 2025-10-26 17:00:00 | 6.96            | 34.25                         | 0.52    | 7.24          | 10.93                   | 19.20           | 0.01           |
| SQU-DS         | 2025-10-26 17:15:00 | 6.95            | 34.50                         | 0.52    | 7.26          | 10.95                   | 24.50           | 0.01           |
| SQU-DS         | 2025-10-26 17:30:00 | 6.94            | 34.26                         | 0.52    | 7.26          | 10.95                   | 22.12           | 0.01           |
| SQU-DS         | 2025-10-26 17:45:00 | 6.93            | 34.94                         | 0.52    | 7.24          | 10.95                   | 25.20           | 0.01           |
| SQU-DS         | 2025-10-26 18:00:00 | 6.90            | 34.79                         | 0.52    | 7.27          | 10.96                   | 16.20           | 0.01           |
| SQU-DS         | 2025-10-26 18:15:00 | 6.89            | 34.47                         | 0.52    | 7.26          | 10.95                   | 17.56           | 0.01           |
| SQU-DS         | 2025-10-26 18:30:00 | 6.87            | 35.29                         | 0.52    | 7.25          | 10.95                   | 15.21           | 0.02           |
| SQU-DS         | 2025-10-26 18:45:00 | 6.87            | 35.20                         | 0.52    | 7.25          | 10.95                   | 12.83           | 0.02           |
| SQU-DS         | 2025-10-26 19:00:00 | 6.85            | 34.98                         | 0.52    | 7.26          | 10.94                   | 12.41           | 0.01           |
| SQU-DS         | 2025-10-26 19:15:00 | 6.85            | 35.18                         | 0.52    | 7.27          | 10.95                   | 12.16           | 0.02           |
| SQU-DS         | 2025-10-26 19:30:00 | 6.85            | 35.08                         | 0.53    | 7.26          | 10.93                   | 10.19           | 0.02           |
| SQU-DS         | 2025-10-26 19:45:00 | 6.84            | 35.03                         | 0.53    | 7.26          | 10.92                   | 12.34           | 0.01           |
| SQU-DS         | 2025-10-26 20:00:00 | 6.85            | 35.66                         | 0.53    | 7.26          | 10.93                   | 11.84           | 0.02           |
| SQU-DS         | 2025-10-26 20:15:00 | 6.83            | 36.00                         | 0.52    | 7.26          | 10.94                   | 15.76           | 0.02           |
| SQU-DS         | 2025-10-26 20:30:00 | 6.81            | 35.97                         | 0.52    | 7.27          | 10.92                   | 10.46           | 0.02           |
| SQU-DS         | 2025-10-26 20:45:00 | 6.79            | 35.74                         | 0.53    | 7.27          | 10.92                   | 16.30           | 0.02           |
| SQU-DS         | 2025-10-26 21:00:00 | 6.78            | 36.31                         | 0.53    | 7.26          | 10.92                   | 14.61           | 0.02           |
| SQU-DS         | 2025-10-26 21:15:00 | 6.75            | 35.64                         | 0.53    | 7.26          | 10.93                   | 19.01           | 0.02           |
| SQU-DS         | 2025-10-26 21:30:00 | 6.74            | 36.86                         | 0.53    | 7.24          | 10.92                   | 18.93           | 0.02           |
| SQU-DS         | 2025-10-26 21:45:00 | 6.73            | 36.57                         | 0.53    | 7.25          | 10.92                   | 20.69           | 0.02           |
| SQU-DS         | 2025-10-26 22:00:00 | 6.71            | 36.24                         | 0.53    | 7.23          | 10.94                   | 22.32           | 0.02           |
| SQU-DS         | 2025-10-26 22:15:00 | 6.70            | 36.19                         | 0.53    | 7.23          | 10.94                   | 23.36           | 0.02           |
| SQU-DS         | 2025-10-26 22:30:00 | 6.70            | 36.53                         | 0.53    | 7.22          | 10.96                   | 25.80           | 0.02           |
| SQU-DS         | 2025-10-26 22:45:00 | 6.69            | 36.49                         | 0.53    | 7.23          | 10.94                   | 23.45           | 0.02           |
| SQU-DS         | 2025-10-26 23:00:00 | 6.69            | 36.20                         | 0.53    | 7.23          | 10.94                   | 29.94           | 0.02           |
| SQU-DS         | 2025-10-26 23:15:00 | 6.68            | 36.35                         | 0.53    | 7.23          | 10.92                   | 22.15           | 0.02           |
| SQU-DS         | 2025-10-26 23:30:00 | 6.68            | 36.43                         | 0.53    | 7.22          | 10.93                   | 19.74           | 0.02           |
| SQU-DS         | 2025-10-26 23:45:00 | 6.66            | 36.21                         | 0.53    | 7.22          | 10.94                   | 24.26           | 0.02           |
| SQU-US         | 2025-10-20 00:00:00 | 6.88            | 48.41                         | 0.11    | 7.12          | 12.12                   | 11.60           | 0.02           |
| SQU-US         | 2025-10-20 00:15:00 | 6.88            | 48.32                         | 0.11    | 7.13          | 12.13                   | 9.99            | 0.02           |
| SQU-US         | 2025-10-20 00:30:00 | 6.87            | 47.92                         | 0.10    | 7.15          | 12.14                   | 10.94           | 0.02           |
| SQU-US         | 2025-10-20 00:45:00 | 6.87            | 48.08                         | 0.11    | 7.11          | 12.13                   | 9.68            | 0.02           |



| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-20 01:00:00 | 6.87            | 47.90                         | 0.10    | 7.17          | 12.15                   | 7.47            | 0.02           |
| SQU-US         | 2025-10-20 01:15:00 | 6.86            | 47.92                         | 0.10    | 7.14          | 12.14                   | 11.11           | 0.02           |
| SQU-US         | 2025-10-20 01:30:00 | 6.85            | 47.59                         | 0.10    | 7.14          | 12.16                   | 10.26           | 0.02           |
| SQU-US         | 2025-10-20 01:45:00 | 6.86            | 47.72                         | 0.10    | 7.21          | 12.14                   | 7.07            | 0.02           |
| SQU-US         | 2025-10-20 02:00:00 | 6.85            | 47.67                         | 0.10    | 7.13          | 12.15                   | 7.36            | 0.02           |
| SQU-US         | 2025-10-20 02:15:00 | 6.84            | 47.72                         | 0.10    | 7.15          | 12.15                   | 7.57            | 0.02           |
| SQU-US         | 2025-10-20 02:30:00 | 6.83            | 47.62                         | 0.10    | 7.18          | 12.16                   | 14.00           | 0.02           |
| SQU-US         | 2025-10-20 02:45:00 | 6.82            | 47.61                         | 0.10    | 7.15          | 12.16                   | 5.89            | 0.02           |
| SQU-US         | 2025-10-20 03:00:00 | 6.82            | 47.68                         | 0.10    | 7.13          | 12.16                   | 9.60            | 0.02           |
| SQU-US         | 2025-10-20 03:15:00 | 6.81            | 47.52                         | 0.10    | 7.14          | 12.17                   | 9.31            | 0.02           |
| SQU-US         | 2025-10-20 03:30:00 | 6.82            | 47.73                         | 0.10    | 7.17          | 12.16                   | 7.73            | 0.02           |
| SQU-US         | 2025-10-20 03:45:00 | 6.81            | 47.66                         | 0.10    | 7.15          | 12.16                   | 6.36            | 0.02           |
| SQU-US         | 2025-10-20 04:00:00 | 6.80            | 47.68                         | 0.10    | 7.18          | 12.17                   | 5.80            | 0.02           |
| SQU-US         | 2025-10-20 04:15:00 | 6.79            | 47.43                         | 0.10    | 7.12          | 12.18                   | 7.17            | 0.02           |
| SQU-US         | 2025-10-20 04:30:00 | 6.78            | 47.29                         | 0.10    | 7.17          | 12.20                   | 8.46            | 0.02           |
| SQU-US         | 2025-10-20 04:45:00 | 6.77            | 47.09                         | 0.09    | 7.22          | 12.21                   | 8.77            | 0.02           |
| SQU-US         | 2025-10-20 05:00:00 | 6.76            | 47.04                         | 0.09    | 7.22          | 12.20                   | 9.23            | 0.02           |
| SQU-US         | 2025-10-20 05:15:00 | 6.75            | 46.60                         | 0.09    | 7.26          | 12.22                   | 6.43            | 0.02           |
| SQU-US         | 2025-10-20 05:30:00 | 6.72            | 46.42                         | 0.09    | 7.27          | 12.23                   | 4.55            | 0.02           |
| SQU-US         | 2025-10-20 05:45:00 | 6.71            | 46.67                         | 0.09    | 7.27          | 12.22                   | 6.41            | 0.02           |
| SQU-US         | 2025-10-20 06:00:00 | 6.71            | 47.38                         | 0.10    | 7.22          | 12.22                   | 8.02            | 0.02           |
| SQU-US         | 2025-10-20 06:15:00 | 6.69            | 47.41                         | 0.10    | 7.24          | 12.23                   | 6.21            | 0.02           |
| SQU-US         | 2025-10-20 06:30:00 | 6.72            | 49.11                         | 0.10    | 7.21          | 12.18                   | 6.55            | 0.02           |
| SQU-US         | 2025-10-20 06:45:00 | 6.70            | 49.19                         | 0.10    | 7.24          | 12.20                   | 6.41            | 0.02           |
| SQU-US         | 2025-10-20 07:00:00 | 6.71            | 49.83                         | 0.10    | 7.24          | 12.17                   | 6.46            | 0.02           |
| SQU-US         | 2025-10-20 07:15:00 | 6.72            | 50.85                         | 0.10    | 7.20          | 12.14                   | 4.58            | 0.02           |
| SQU-US         | 2025-10-20 07:30:00 | 6.75            | 51.57                         | 0.10    | 7.17          | 12.11                   | 5.94            | 0.02           |
| SQU-US         | 2025-10-20 07:45:00 | 6.74            | 51.03                         | 0.10    | 7.15          | 12.12                   | 4.42            | 0.02           |
| SQU-US         | 2025-10-20 08:00:00 | 6.76            | 51.70                         | 0.10    | 7.19          | 12.10                   | 6.63            | 0.02           |
| SQU-US         | 2025-10-20 08:15:00 | 6.76            | 51.50                         | 0.10    | 7.15          | 12.09                   | 5.64            | 0.02           |
| SQU-US         | 2025-10-20 08:30:00 | 6.76            | 51.01                         | 0.10    | 7.16          | 12.09                   | 7.15            | 0.02           |
| SQU-US         | 2025-10-20 08:45:00 | 6.75            | 50.61                         | 0.10    | 7.15          | 12.12                   | 6.37            | 0.02           |
| SQU-US         | 2025-10-20 09:00:00 | 6.76            | 50.40                         | 0.10    | 7.12          | 12.12                   | 7.85            | 0.02           |
| SQU-US         | 2025-10-20 09:15:00 | 6.78            | 50.61                         | 0.10    | 7.12          | 12.13                   | 5.37            | 0.02           |
| SQU-US         | 2025-10-20 09:30:00 | 6.81            | 50.69                         | 0.10    | 7.12          | 12.13                   | 8.84            | 0.02           |
| SQU-US         | 2025-10-20 09:45:00 | 6.84            | 50.39                         | 0.10    | 7.06          | 12.16                   | 6.32            | 0.02           |
| SQU-US         | 2025-10-20 10:00:00 | 6.86            | 50.48                         | 0.10    | 7.10          | 12.16                   | 6.04            | 0.02           |
| SQU-US         | 2025-10-20 10:15:00 | 6.88            | 49.30                         | 0.09    | 7.15          | 12.18                   | 6.93            | 0.02           |
| SQU-US         | 2025-10-20 10:30:00 | 6.89            | 50.34                         | 0.09    | 7.16          | 12.19                   | 6.89            | 0.02           |
| SQU-US         | 2025-10-20 10:45:00 | 6.91            | 50.43                         | 0.10    | 7.12          | 12.19                   | 4.51            | 0.02           |
| SQU-US         | 2025-10-20 11:00:00 | 6.94            | 50.55                         | 0.09    | 7.15          | 12.21                   | 8.27            | 0.02           |
| SQU-US         | 2025-10-20 11:15:00 | 6.99            | 50.37                         | 0.09    | 7.15          | 12.20                   | 6.46            | 0.02           |
| SQU-US         | 2025-10-20 11:30:00 | 7.02            | 50.18                         | 0.10    | 7.08          | 12.20                   | 5.64            | 0.02           |
| SQU-US         | 2025-10-20 11:45:00 | 7.02            | 50.04                         | 0.09    | 7.16          | 12.20                   | 5.43            | 0.02           |
| SQU-US         | 2025-10-20 12:00:00 | 7.01            | 49.86                         | 0.10    | 7.09          | 12.21                   | 4.44            | 0.02           |
| SQU-US         | 2025-10-20 12:15:00 | 7.00            | 49.56                         | 0.09    | 7.17          | 12.22                   | 4.49            | 0.02           |
| SQU-US         | 2025-10-20 12:30:00 | 7.00            | 49.64                         | 0.09    | 7.16          | 12.22                   | 4.79            | 0.02           |
| SQU-US         | 2025-10-20 12:45:00 | 7.01            | 49.81                         | 0.10    | 7.12          | 12.21                   | 5.94            | 0.02           |
| SQU-US         | 2025-10-20 13:00:00 | 7.01            | 49.84                         | 0.10    | 7.13          | 12.22                   | 3.98            | 0.02           |
| SQU-US         | 2025-10-20 13:15:00 | 6.99            | 49.92                         | 0.09    | 7.15          | 12.22                   | 7.22            | 0.02           |
| SQU-US         | 2025-10-20 13:30:00 | 6.98            | 49.95                         | 0.09    | 7.14          | 12.21                   | 5.49            | 0.02           |
| SQU-US         | 2025-10-20 13:45:00 | 6.98            | 49.94                         | 0.09    | 7.17          | 12.20                   | 6.59            | 0.02           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-20 14:00:00 | 6.97            | 49.80                         | 0.10    | 7.12          | 12.21                   | 4.60            | 0.02           |
| SQU-US         | 2025-10-20 14:15:00 | 6.97            | 49.89                         | 0.09    | 7.15          | 12.21                   | 4.60            | 0.02           |
| SQU-US         | 2025-10-20 14:30:00 | 6.97            | 49.67                         | 0.09    | 7.14          | 12.21                   | 6.27            | 0.02           |
| SQU-US         | 2025-10-20 14:45:00 | 6.97            | 49.68                         | 0.09    | 7.17          | 12.20                   | 5.48            | 0.02           |
| SQU-US         | 2025-10-20 15:00:00 | 6.97            | 49.52                         | 0.09    | 7.16          | 12.20                   | 4.79            | 0.02           |
| SQU-US         | 2025-10-20 15:15:00 | 6.97            | 49.20                         | 0.09    | 7.15          | 12.22                   | 6.22            | 0.02           |
| SQU-US         | 2025-10-20 15:30:00 | 6.97            | 48.86                         | 0.09    | 7.19          | 12.23                   | 4.39            | 0.02           |
| SQU-US         | 2025-10-20 15:45:00 | 6.98            | 49.09                         | 0.09    | 7.21          | 12.24                   | 5.89            | 0.02           |
| SQU-US         | 2025-10-20 16:00:00 | 6.96            | 48.40                         | 0.09    | 7.24          | 12.24                   | 5.57            | 0.02           |
| SQU-US         | 2025-10-20 16:15:00 | 6.95            | 47.76                         | 0.09    | 7.25          | 12.27                   | 4.67            | 0.02           |
| SQU-US         | 2025-10-20 16:30:00 | 6.99            | 49.40                         | 0.09    | 7.26          | 12.22                   | 5.60            | 0.02           |
| SQU-US         | 2025-10-20 16:45:00 | 7.00            | 49.70                         | 0.09    | 7.25          | 12.20                   | 3.58            | 0.02           |
| SQU-US         | 2025-10-20 17:00:00 | 6.97            | 48.33                         | 0.09    | 7.24          | 12.24                   | 3.82            | 0.02           |
| SQU-US         | 2025-10-20 17:15:00 | 6.99            | 48.77                         | 0.09    | 7.25          | 12.22                   | 5.20            | 0.02           |
| SQU-US         | 2025-10-20 17:30:00 | 7.05            | 51.22                         | 0.10    | 7.23          | 12.16                   | 3.08            | 0.02           |
| SQU-US         | 2025-10-20 17:45:00 | 7.08            | 52.21                         | 0.10    | 7.25          | 12.11                   | 4.47            | 0.02           |
| SQU-US         | 2025-10-20 18:00:00 | 7.04            | 49.91                         | 0.10    | 7.26          | 12.17                   | 4.45            | 0.02           |
| SQU-US         | 2025-10-20 18:15:00 | 7.11            | 52.82                         | 0.10    | 7.24          | 12.09                   | 4.59            | 0.02           |
| SQU-US         | 2025-10-20 18:30:00 | 7.12            | 52.60                         | 0.10    | 7.24          | 12.09                   | 5.41            | 0.02           |
| SQU-US         | 2025-10-20 18:45:00 | 7.17            | 54.08                         | 0.10    | 7.21          | 12.04                   | 3.98            | 0.02           |
| SQU-US         | 2025-10-20 19:00:00 | 7.20            | 54.54                         | 0.10    | 7.21          | 12.01                   | 3.19            | 0.02           |
| SQU-US         | 2025-10-20 19:15:00 | 7.23            | 55.56                         | 0.10    | 7.18          | 11.98                   | 4.30            | 0.02           |
| SQU-US         | 2025-10-20 19:30:00 | 7.24            | 55.13                         | 0.10    | 7.18          | 11.98                   | 4.39            | 0.02           |
| SQU-US         | 2025-10-20 19:45:00 | 7.27            | 55.58                         | 0.11    | 7.14          | 11.95                   | 6.03            | 0.02           |
| SQU-US         | 2025-10-20 20:00:00 | 7.26            | 54.29                         | 0.11    | 7.11          | 11.98                   | 4.50            | 0.02           |
| SQU-US         | 2025-10-20 20:15:00 | 7.26            | 53.55                         | 0.10    | 7.14          | 11.98                   | 4.39            | 0.02           |
| SQU-US         | 2025-10-20 20:30:00 | 7.26            | 52.88                         | 0.10    | 7.13          | 11.99                   | 3.92            | 0.02           |
| SQU-US         | 2025-10-20 20:45:00 | 7.26            | 52.67                         | 0.10    | 7.13          | 11.99                   | 6.18            | 0.02           |
| SQU-US         | 2025-10-20 21:00:00 | 7.27            | 52.54                         | 0.10    | 7.12          | 11.99                   | 3.70            | 0.02           |
| SQU-US         | 2025-10-20 21:15:00 | 7.27            | 52.88                         | 0.09    | 7.14          | 11.98                   | 4.21            | 0.02           |
| SQU-US         | 2025-10-20 21:30:00 | 7.28            | 52.50                         | 0.09    | 7.11          | 11.99                   | 5.24            | 0.02           |
| SQU-US         | 2025-10-20 21:45:00 | 7.29            | 52.89                         | 0.09    | 7.14          | 11.98                   | 4.77            | 0.02           |
| SQU-US         | 2025-10-20 22:00:00 | 7.29            | 52.89                         | 0.09    | 7.14          | 11.98                   | 4.02            | 0.02           |
| SQU-US         | 2025-10-20 22:15:00 | 7.31            | 52.93                         | 0.09    | 7.11          | 11.97                   | 4.00            | 0.02           |
| SQU-US         | 2025-10-20 22:30:00 | 7.31            | 53.05                         | 0.09    | 7.09          | 11.97                   | 4.05            | 0.02           |
| SQU-US         | 2025-10-20 22:45:00 | 7.32            | 53.04                         | 0.09    | 7.17          | 11.98                   | 4.60            | 0.02           |
| SQU-US         | 2025-10-20 23:00:00 | 7.33            | 53.30                         | 0.09    | 7.12          | 11.96                   | 4.72            | 0.02           |
| SQU-US         | 2025-10-20 23:15:00 | 7.34            | 52.97                         | 0.09    | 7.13          | 11.98                   | 3.57            | 0.02           |
| SQU-US         | 2025-10-20 23:30:00 | 7.34            | 52.98                         | 0.09    | 7.17          | 11.97                   | 3.44            | 0.02           |
| SQU-US         | 2025-10-20 23:45:00 | 7.34            | 52.98                         | 0.09    | 7.17          | 11.97                   | 4.48            | 0.02           |
| SQU-US         | 2025-10-21 00:00:00 | 7.34            | 52.82                         | 0.09    | 7.14          | 11.98                   | 3.52            | 0.02           |
| SQU-US         | 2025-10-21 00:15:00 | 7.35            | 53.16                         | 0.09    | 7.16          | 11.97                   | 3.13            | 0.02           |
| SQU-US         | 2025-10-21 00:30:00 | 7.34            | 52.77                         | 0.09    | 7.14          | 11.99                   | 3.62            | 0.02           |
| SQU-US         | 2025-10-21 00:45:00 | 7.34            | 52.69                         | 0.09    | 7.16          | 11.97                   | 4.86            | 0.02           |
| SQU-US         | 2025-10-21 01:00:00 | 7.34            | 52.81                         | 0.09    | 7.19          | 11.97                   | 3.52            | 0.02           |
| SQU-US         | 2025-10-21 01:15:00 | 7.33            | 52.61                         | 0.09    | 7.19          | 11.98                   | 3.21            | 0.02           |
| SQU-US         | 2025-10-21 01:30:00 | 7.33            | 52.43                         | 0.09    | 7.16          | 12.00                   | 5.91            | 0.02           |
| SQU-US         | 2025-10-21 01:45:00 | 7.33            | 52.62                         | 0.09    | 7.18          | 11.98                   | 4.66            | 0.02           |
| SQU-US         | 2025-10-21 02:00:00 |                 | 52.48                         |         |               | 11.99                   |                 | 0.02           |
| SQU-US         | 2025-10-21 02:15:00 | 7.32            | 52.38                         | 0.08    | 7.19          | 11.99                   | 3.02            | 0.02           |
| SQU-US         | 2025-10-21 02:30:00 | 7.31            | 52.29                         | 0.09    | 7.15          | 11.99                   | 4.70            | 0.02           |
| SQU-US         | 2025-10-21 02:45:00 | 7.31            | 52.30                         | 0.09    | 7.16          | 12.00                   | 4.89            | 0.02           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-21 03:00:00 | 7.31            | 52.16                         | 0.09    | 7.16          | 12.01                   | 4.57            | 0.02           |
| SQU-US         | 2025-10-21 03:15:00 | 7.30            | 52.11                         | 0.08    | 7.19          | 12.01                   | 2.62            | 0.02           |
| SQU-US         | 2025-10-21 03:30:00 | 7.30            | 51.97                         | 0.08    | 7.19          | 12.01                   | 4.78            | 0.02           |
| SQU-US         | 2025-10-21 03:45:00 | 7.28            | 52.02                         | 0.08    | 7.18          | 12.01                   | 5.76            | 0.02           |
| SQU-US         | 2025-10-21 04:00:00 | 7.27            | 51.87                         | 0.09    | 7.16          | 12.01                   | 4.39            | 0.02           |
| SQU-US         | 2025-10-21 04:15:00 | 7.26            | 51.81                         | 0.08    | 7.18          | 12.02                   | 4.21            | 0.02           |
| SQU-US         | 2025-10-21 04:30:00 | 7.24            | 51.54                         | 0.09    | 7.14          | 12.02                   | 5.42            | 0.02           |
| SQU-US         | 2025-10-21 04:45:00 | 7.22            | 51.16                         | 0.09    | 7.14          | 12.04                   | 4.99            | 0.02           |
| SQU-US         | 2025-10-21 05:00:00 | 7.20            | 50.81                         | 0.08    | 7.19          | 12.05                   | 3.20            | 0.02           |
| SQU-US         | 2025-10-21 05:15:00 | 7.17            | 50.33                         | 0.09    | 7.18          | 12.08                   | 2.73            | 0.02           |
| SQU-US         | 2025-10-21 05:30:00 | 7.15            | 50.03                         | 0.08    | 7.21          | 12.11                   | 3.67            | 0.02           |
| SQU-US         | 2025-10-21 05:45:00 | 7.13            | 49.55                         | 0.08    | 7.24          | 12.12                   | 4.29            | 0.02           |
| SQU-US         | 2025-10-21 06:00:00 | 7.11            | 49.38                         | 0.08    | 7.26          | 12.14                   | 4.08            | 0.02           |
| SQU-US         | 2025-10-21 06:15:00 | 7.09            | 49.41                         | 0.08    | 7.24          | 12.14                   | 3.10            | 0.02           |
| SQU-US         | 2025-10-21 06:30:00 | 7.10            | 50.30                         | 0.09    | 7.26          | 12.10                   | 4.24            | 0.02           |
| SQU-US         | 2025-10-21 06:45:00 | 7.09            | 50.39                         | 0.09    | 7.26          | 12.10                   | 5.42            | 0.02           |
| SQU-US         | 2025-10-21 07:00:00 | 7.07            | 50.68                         | 0.09    | 7.26          | 12.10                   | 5.22            | 0.02           |
| SQU-US         | 2025-10-21 07:15:00 | 7.06            | 50.69                         | 0.09    | 7.20          | 12.10                   | 4.54            | 0.02           |
| SQU-US         | 2025-10-21 07:30:00 | 7.10            | 52.85                         | 0.10    | 7.18          | 12.04                   | 3.92            | 0.02           |
| SQU-US         | 2025-10-21 07:45:00 | 7.10            | 52.24                         | 0.09    | 7.22          | 12.04                   | 4.22            | 0.02           |
| SQU-US         | 2025-10-21 08:00:00 | 7.06            | 50.76                         | 0.10    | 7.16          | 12.11                   | 3.89            | 0.02           |
| SQU-US         | 2025-10-21 08:15:00 | 7.07            | 51.33                         | 0.10    | 7.15          | 12.10                   | 5.21            | 0.02           |
| SQU-US         | 2025-10-21 08:30:00 | 7.10            | 52.22                         | 0.10    | 7.17          | 12.05                   | 6.72            | 0.02           |
| SQU-US         | 2025-10-21 08:45:00 | 7.13            | 53.35                         | 0.10    | 7.17          | 12.02                   | 4.96            | 0.02           |
| SQU-US         | 2025-10-21 09:00:00 | 7.11            | 51.85                         | 0.10    | 7.14          | 12.05                   | 4.54            | 0.02           |
| SQU-US         | 2025-10-21 09:15:00 | 7.13            | 52.15                         | 0.10    | 7.10          | 12.06                   | 8.88            | 0.02           |
| SQU-US         | 2025-10-21 09:30:00 | 7.15            | 51.87                         | 0.10    | 7.16          | 12.06                   | 6.82            | 0.02           |
| SQU-US         | 2025-10-21 09:45:00 | 7.18            | 51.82                         | 0.10    | 7.20          | 12.06                   | 6.51            | 0.02           |
| SQU-US         | 2025-10-21 10:00:00 | 7.22            | 51.38                         | 0.10    | 7.10          | 12.08                   | 7.26            | 0.02           |
| SQU-US         | 2025-10-21 10:15:00 | 7.28            | 50.91                         | 0.10    | 7.13          | 12.08                   | 7.45            | 0.02           |
| SQU-US         | 2025-10-21 10:30:00 | 7.36            | 50.42                         | 0.10    | 7.09          | 12.10                   | 8.25            | 0.02           |
| SQU-US         | 2025-10-21 10:45:00 | 7.47            | 49.19                         | 0.10    | 7.11          | 12.10                   | 8.06            | 0.02           |
| SQU-US         | 2025-10-21 11:00:00 | 7.53            | 48.64                         | 0.10    | 7.08          | 12.11                   | 5.71            | 0.02           |
| SQU-US         | 2025-10-21 11:15:00 | 7.57            | 48.50                         | 0.10    | 7.09          | 12.12                   | 7.36            | 0.02           |
| SQU-US         | 2025-10-21 11:30:00 | 7.61            | 48.15                         | 0.10    | 7.14          | 12.12                   | 6.86            | 0.02           |
| SQU-US         | 2025-10-21 11:45:00 | 7.65            | 48.27                         | 0.10    | 7.18          | 12.11                   | 4.96            | 0.02           |
| SQU-US         | 2025-10-21 12:00:00 | 7.66            | 48.05                         | 0.10    | 7.10          | 12.11                   | 8.11            | 0.02           |
| SQU-US         | 2025-10-21 12:15:00 | 7.70            | 47.85                         | 0.10    | 7.11          | 12.12                   | 8.46            | 0.02           |
| SQU-US         | 2025-10-21 12:30:00 | 7.75            | 47.82                         | 0.10    | 7.15          | 12.12                   | 6.87            | 0.02           |
| SQU-US         | 2025-10-21 12:45:00 | 7.81            | 47.47                         | 0.10    | 7.14          | 12.11                   | 6.61            | 0.02           |
| SQU-US         | 2025-10-21 13:00:00 | 7.89            | 47.10                         | 0.10    | 7.14          | 12.11                   | 6.45            | 0.02           |
| SQU-US         | 2025-10-21 13:15:00 | 7.96            | 46.92                         | 0.10    | 7.21          | 12.10                   | 8.97            | 0.02           |
| SQU-US         | 2025-10-21 13:30:00 | 8.02            | 46.66                         | 0.10    | 7.18          | 12.10                   | 7.00            | 0.02           |
| SQU-US         | 2025-10-21 13:45:00 | 7.97            | 46.46                         | 0.10    | 7.16          | 12.10                   | 8.22            | 0.02           |
| SQU-US         | 2025-10-21 14:00:00 | 7.93            | 46.36                         | 0.11    | 7.14          | 12.10                   | 9.76            | 0.02           |
| SQU-US         | 2025-10-21 14:15:00 | 7.95            | 46.10                         | 0.10    | 7.18          | 12.10                   | 7.44            | 0.02           |
| SQU-US         | 2025-10-21 14:30:00 | 8.02            | 45.97                         | 0.11    | 7.14          | 12.09                   | 15.40           | 0.02           |
| SQU-US         | 2025-10-21 14:45:00 | 8.06            | 45.93                         | 0.11    | 7.17          | 12.09                   | 9.70            | 0.02           |
| SQU-US         | 2025-10-21 15:00:00 | 8.06            | 45.84                         | 0.11    | 7.17          | 12.08                   | 12.15           | 0.02           |
| SQU-US         | 2025-10-21 15:15:00 | 8.05            | 45.64                         | 0.11    | 7.23          | 12.09                   | 10.99           | 0.02           |
| SQU-US         | 2025-10-21 15:30:00 | 8.04            | 45.91                         | 0.11    | 7.24          | 12.08                   | 15.87           | 0.02           |
| SQU-US         | 2025-10-21 15:45:00 | 8.01            | 45.67                         | 0.11    | 7.21          | 12.09                   | 19.06           | 0.02           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-21 16:00:00 | 7.98            | 45.44                         | 0.11    | 7.23          | 12.08                   | 21.80           | 0.02           |
| SQU-US         | 2025-10-21 16:15:00 | 7.96            | 45.75                         | 0.11    | 7.20          | 12.08                   | 15.78           | 0.02           |
| SQU-US         | 2025-10-21 16:30:00 | 7.92            | 45.83                         | 0.11    | 7.23          | 12.08                   | 14.51           | 0.02           |
| SQU-US         | 2025-10-21 16:45:00 | 7.87            | 46.28                         | 0.11    | 7.24          | 12.06                   | 21.78           | 0.02           |
| SQU-US         | 2025-10-21 17:00:00 | 7.80            | 46.41                         | 0.11    | 7.19          | 12.06                   | 17.62           | 0.02           |
| SQU-US         | 2025-10-21 17:15:00 | 7.70            | 45.97                         | 0.11    | 7.23          | 12.06                   | 12.90           | 0.02           |
| SQU-US         | 2025-10-21 17:30:00 | 7.65            | 46.43                         | 0.11    | 7.23          | 12.04                   | 14.23           | 0.02           |
| SQU-US         | 2025-10-21 17:45:00 | 7.61            | 46.66                         | 0.11    | 7.22          | 12.03                   | 17.06           | 0.02           |
| SQU-US         | 2025-10-21 18:00:00 | 7.61            | 48.03                         | 0.12    | 7.21          | 11.99                   | 13.42           | 0.02           |
| SQU-US         | 2025-10-21 18:15:00 | 7.58            | 47.64                         | 0.12    | 7.16          | 11.99                   | 14.26           | 0.02           |
| SQU-US         | 2025-10-21 18:30:00 | 7.57            | 48.36                         | 0.12    | 7.16          | 11.97                   | 15.01           | 0.02           |
| SQU-US         | 2025-10-21 18:45:00 | 7.54            | 48.12                         | 0.12    | 7.19          | 11.98                   | 11.43           | 0.02           |
| SQU-US         | 2025-10-21 19:00:00 | 7.55            | 48.95                         | 0.12    | 7.18          | 11.95                   | 14.35           | 0.02           |
| SQU-US         | 2025-10-21 19:15:00 | 7.53            | 49.12                         | 0.12    | 7.16          | 11.93                   | 9.12            | 0.02           |
| SQU-US         | 2025-10-21 19:30:00 | 7.53            | 49.70                         | 0.12    | 7.15          | 11.92                   | 13.62           | 0.02           |
| SQU-US         | 2025-10-21 19:45:00 | 7.52            | 49.69                         | 0.12    | 7.18          | 11.91                   | 11.70           | 0.02           |
| SQU-US         | 2025-10-21 20:00:00 | 7.52            | 49.75                         | 0.12    | 7.10          | 11.90                   | 11.79           | 0.02           |
| SQU-US         | 2025-10-21 20:15:00 | 7.52            | 49.94                         | 0.12    | 7.16          | 11.88                   | 9.11            | 0.02           |
| SQU-US         | 2025-10-21 20:30:00 | 7.51            | 49.84                         | 0.12    | 7.12          | 11.89                   | 10.64           | 0.02           |
| SQU-US         | 2025-10-21 20:45:00 | 7.50            | 49.15                         | 0.12    | 7.09          | 11.90                   | 13.03           | 0.02           |
| SQU-US         | 2025-10-21 21:00:00 | 7.49            | 49.08                         | 0.12    | 7.07          | 11.90                   | 12.73           | 0.02           |
| SQU-US         | 2025-10-21 21:15:00 | 7.47            | 48.41                         | 0.12    | 7.11          | 11.91                   | 12.11           | 0.02           |
| SQU-US         | 2025-10-21 21:30:00 | 7.46            | 48.16                         | 0.11    | 7.15          | 11.92                   | 9.04            | 0.02           |
| SQU-US         | 2025-10-21 21:45:00 | 7.45            | 47.94                         | 0.11    | 7.14          | 11.92                   | 12.48           | 0.02           |
| SQU-US         | 2025-10-21 22:00:00 | 7.43            | 48.14                         | 0.12    | 7.04          | 11.91                   | 8.93            | 0.02           |
| SQU-US         | 2025-10-21 22:15:00 | 7.42            | 47.82                         | 0.11    | 7.13          | 11.92                   | 9.92            | 0.02           |
| SQU-US         | 2025-10-21 22:30:00 | 7.41            | 47.78                         | 0.11    | 7.09          | 11.92                   | 7.10            | 0.02           |
| SQU-US         | 2025-10-21 22:45:00 | 7.39            | 47.76                         | 0.11    | 7.08          | 11.92                   | 6.27            | 0.02           |
| SQU-US         | 2025-10-21 23:00:00 | 7.38            | 48.00                         | 0.11    | 7.08          | 11.92                   | 11.33           | 0.02           |
| SQU-US         | 2025-10-21 23:15:00 | 7.36            | 47.70                         | 0.11    | 7.07          | 11.94                   | 7.30            | 0.02           |
| SQU-US         | 2025-10-21 23:30:00 | 7.35            | 47.47                         | 0.11    | 7.15          | 11.92                   | 6.85            | 0.02           |
| SQU-US         | 2025-10-21 23:45:00 | 7.34            | 47.46                         | 0.11    | 7.11          | 11.93                   | 7.67            | 0.02           |
| SQU-US         | 2025-10-22 00:00:00 | 7.31            | 47.30                         | 0.11    | 7.07          | 11.94                   | 6.10            | 0.02           |
| SQU-US         | 2025-10-22 00:15:00 | 7.29            | 47.53                         | 0.11    | 7.10          | 11.93                   | 8.37            | 0.02           |
| SQU-US         | 2025-10-22 00:30:00 | 7.27            | 47.44                         | 0.11    | 7.05          | 11.93                   | 7.15            | 0.02           |
| SQU-US         | 2025-10-22 00:45:00 | 7.25            | 47.13                         | 0.11    | 7.09          | 11.95                   | 10.27           | 0.02           |
| SQU-US         | 2025-10-22 01:00:00 | 7.23            | 47.22                         | 0.11    | 7.05          | 11.95                   | 6.96            | 0.02           |
| SQU-US         | 2025-10-22 01:15:00 | 7.21            | 47.10                         | 0.11    | 7.11          | 11.95                   | 6.63            | 0.02           |
| SQU-US         | 2025-10-22 01:30:00 | 7.19            | 46.98                         | 0.11    | 7.05          | 11.96                   | 6.98            | 0.02           |
| SQU-US         | 2025-10-22 01:45:00 | 7.16            | 46.87                         | 0.11    | 7.08          | 11.99                   | 9.71            | 0.02           |
| SQU-US         | 2025-10-22 02:00:00 | 7.13            | 46.61                         | 0.11    | 7.11          | 11.99                   | 8.81            | 0.02           |
| SQU-US         | 2025-10-22 02:15:00 | 7.11            | 46.83                         | 0.11    | 7.04          | 12.00                   | 8.20            | 0.02           |
| SQU-US         | 2025-10-22 02:30:00 | 7.08            | 46.38                         | 0.11    | 7.05          | 12.00                   | 8.29            | 0.02           |
| SQU-US         | 2025-10-22 02:45:00 | 7.06            | 46.54                         | 0.11    | 7.10          | 12.01                   | 10.12           | 0.02           |
| SQU-US         | 2025-10-22 03:00:00 | 7.04            | 46.63                         | 0.11    | 7.03          | 12.01                   | 11.30           | 0.02           |
| SQU-US         | 2025-10-22 03:15:00 | 7.02            | 46.79                         | 0.11    | 7.09          | 12.02                   | 12.00           | 0.02           |
| SQU-US         | 2025-10-22 03:30:00 | 7.00            | 46.61                         | 0.11    | 7.11          | 12.02                   | 9.76            | 0.02           |
| SQU-US         | 2025-10-22 03:45:00 | 6.98            | 46.34                         | 0.11    | 7.08          | 12.04                   | 10.85           | 0.02           |
| SQU-US         | 2025-10-22 04:00:00 | 6.96            | 46.68                         | 0.11    | 7.06          | 12.04                   | 9.41            | 0.02           |
| SQU-US         | 2025-10-22 04:15:00 | 6.93            | 46.72                         | 0.11    | 7.07          | 12.04                   | 11.11           | 0.02           |
| SQU-US         | 2025-10-22 04:30:00 | 6.90            | 46.66                         | 0.11    | 7.07          | 12.05                   | 9.15            | 0.02           |
| SQU-US         | 2025-10-22 04:45:00 | 6.88            | 46.51                         | 0.10    | 7.14          | 12.05                   | 8.40            | 0.02           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-22 05:00:00 | 6.85            | 46.53                         | 0.11    | 7.09          | 12.06                   | 9.96            | 0.02           |
| SQU-US         | 2025-10-22 05:15:00 | 6.80            | 46.24                         | 0.10    | 7.13          | 12.07                   | 11.89           | 0.02           |
| SQU-US         | 2025-10-22 05:30:00 | 6.76            | 45.91                         | 0.10    | 7.11          | 12.10                   | 10.17           | 0.02           |
| SQU-US         | 2025-10-22 05:45:00 | 6.71            | 45.81                         | 0.10    | 7.13          | 12.12                   | 9.69            | 0.02           |
| SQU-US         | 2025-10-22 06:00:00 | 6.67            | 45.62                         | 0.10    | 7.14          | 12.13                   | 10.67           | 0.02           |
| SQU-US         | 2025-10-22 06:15:00 | 6.64            | 45.42                         | 0.10    | 7.18          | 12.14                   | 9.44            | 0.02           |
| SQU-US         | 2025-10-22 06:30:00 | 6.62            | 45.76                         | 0.10    | 7.18          | 12.16                   | 11.02           | 0.02           |
| SQU-US         | 2025-10-22 06:45:00 | 6.58            | 46.57                         | 0.10    | 7.21          | 12.15                   | 9.40            | 0.02           |
| SQU-US         | 2025-10-22 07:00:00 | 6.60            | 47.56                         | 0.10    | 7.22          | 12.11                   | 7.38            | 0.02           |
| SQU-US         | 2025-10-22 07:15:00 | 6.57            | 47.14                         | 0.11    | 7.22          | 12.08                   | 8.32            | 0.02           |
| SQU-US         | 2025-10-22 07:30:00 | 6.54            | 47.05                         | 0.11    | 7.21          | 12.11                   | 9.26            | 0.02           |
| SQU-US         | 2025-10-22 07:45:00 | 6.52            | 48.23                         | 0.11    | 7.20          | 12.11                   | 8.75            | 0.02           |
| SQU-US         | 2025-10-22 08:00:00 | 6.51            | 49.69                         | 0.11    | 7.20          | 12.06                   | 8.52            | 0.02           |
| SQU-US         | 2025-10-22 08:15:00 | 6.48            | 49.34                         | 0.11    | 7.20          | 12.04                   | 7.00            | 0.02           |
| SQU-US         | 2025-10-22 08:30:00 | 6.47            | 48.56                         | 0.11    | 7.21          | 12.09                   | 10.08           | 0.02           |
| SQU-US         | 2025-10-22 08:45:00 | 6.45            | 48.94                         | 0.11    | 7.22          | 12.14                   | 10.71           | 0.02           |
| SQU-US         | 2025-10-22 09:00:00 | 6.45            | 49.30                         | 0.11    | 7.23          | 12.15                   | 8.86            | 0.02           |
| SQU-US         | 2025-10-22 09:15:00 | 6.46            | 49.37                         | 0.11    | 7.21          | 12.15                   | 10.01           | 0.02           |
| SQU-US         | 2025-10-22 09:30:00 | 6.47            | 48.91                         | 0.11    | 7.21          | 12.18                   | 7.10            | 0.02           |
| SQU-US         | 2025-10-22 09:45:00 | 6.51            | 49.97                         | 0.11    | 7.22          | 12.17                   | 6.23            | 0.02           |
| SQU-US         | 2025-10-22 10:00:00 | 6.58            | 51.66                         | 0.12    | 7.18          | 12.11                   | 10.31           | 0.02           |
| SQU-US         | 2025-10-22 10:15:00 | 6.59            | 50.57                         | 0.12    | 7.15          | 12.14                   | 8.97            | 0.02           |
| SQU-US         | 2025-10-22 10:30:00 | 6.60            | 49.72                         | 0.11    | 7.19          | 12.17                   | 7.90            | 0.02           |
| SQU-US         | 2025-10-22 10:45:00 | 6.60            | 49.59                         | 0.12    | 7.17          | 12.18                   | 5.89            | 0.02           |
| SQU-US         | 2025-10-22 11:00:00 | 6.67            | 51.17                         | 0.12    | 7.14          | 12.13                   | 5.56            | 0.02           |
| SQU-US         | 2025-10-22 11:15:00 | 6.69            | 50.40                         | 0.12    | 7.14          | 12.12                   | 9.07            | 0.02           |
| SQU-US         | 2025-10-22 11:30:00 | 6.68            | 48.89                         | 0.12    | 7.10          | 12.16                   | 9.43            | 0.02           |
| SQU-US         | 2025-10-22 11:45:00 | 6.66            | 48.43                         | 0.11    | 7.15          | 12.17                   | 7.39            | 0.02           |
| SQU-US         | 2025-10-22 12:00:00 | 6.66            | 48.57                         | 0.12    | 7.09          | 12.17                   | 6.40            | 0.02           |
| SQU-US         | 2025-10-22 12:15:00 | 6.67            | 48.52                         | 0.11    | 7.17          | 12.17                   | 8.27            | 0.02           |
| SQU-US         | 2025-10-22 12:30:00 | 6.66            | 48.44                         | 0.11    | 7.15          | 12.17                   | 8.32            | 0.02           |
| SQU-US         | 2025-10-22 12:45:00 | 6.67            | 48.31                         | 0.11    | 7.11          | 12.16                   | 6.82            | 0.02           |
| SQU-US         | 2025-10-22 13:00:00 | 6.67            | 48.49                         | 0.11    | 7.09          | 12.17                   | 7.97            | 0.02           |
| SQU-US         | 2025-10-22 13:15:00 | 6.66            | 48.32                         | 0.11    | 7.15          | 12.16                   | 5.04            | 0.02           |
| SQU-US         | 2025-10-22 13:30:00 | 6.66            | 48.45                         | 0.11    | 7.11          | 12.15                   | 6.28            | 0.02           |
| SQU-US         | 2025-10-22 13:45:00 | 6.65            | 48.36                         | 0.11    | 7.06          | 12.16                   | 7.31            | 0.02           |
| SQU-US         | 2025-10-22 14:00:00 | 6.65            | 48.60                         | 0.11    | 7.17          | 12.15                   | 6.18            | 0.02           |
| SQU-US         | 2025-10-22 14:15:00 | 6.65            | 48.43                         | 0.11    | 7.12          | 12.14                   | 7.64            | 0.02           |
| SQU-US         | 2025-10-22 14:30:00 | 6.65            | 48.21                         | 0.11    | 7.13          | 12.15                   | 7.12            | 0.02           |
| SQU-US         | 2025-10-22 14:45:00 | 6.66            | 48.26                         | 0.11    | 7.13          | 12.14                   | 6.45            | 0.02           |
| SQU-US         | 2025-10-22 15:00:00 | 6.69            | 48.28                         | 0.11    | 7.13          | 12.13                   | 6.50            | 0.02           |
| SQU-US         | 2025-10-22 15:15:00 | 6.72            | 48.54                         | 0.11    | 7.11          | 12.12                   | 5.69            | 0.02           |
| SQU-US         | 2025-10-22 15:30:00 | 6.73            | 48.17                         | 0.11    | 7.14          | 12.13                   | 6.25            | 0.02           |
| SQU-US         | 2025-10-22 15:45:00 | 6.76            | 47.72                         | 0.11    | 7.19          | 12.17                   | 6.52            | 0.02           |
| SQU-US         | 2025-10-22 16:00:00 | 6.79            | 47.95                         | 0.11    | 7.14          | 12.15                   | 5.59            | 0.02           |
| SQU-US         | 2025-10-22 16:15:00 | 6.78            | 48.30                         | 0.11    | 7.19          | 12.15                   | 3.27            | 0.02           |
| SQU-US         | 2025-10-22 16:30:00 | 6.74            | 47.78                         | 0.11    | 7.22          | 12.18                   | 5.96            | 0.02           |
| SQU-US         | 2025-10-22 16:45:00 | 6.73            | 47.84                         | 0.11    | 7.21          | 12.20                   | 6.52            | 0.02           |
| SQU-US         | 2025-10-22 17:00:00 | 6.73            | 47.98                         | 0.11    | 7.21          | 12.19                   | 5.49            | 0.02           |
| SQU-US         | 2025-10-22 17:15:00 | 6.74            | 48.71                         | 0.11    | 7.19          | 12.17                   | 4.78            | 0.02           |
| SQU-US         | 2025-10-22 17:30:00 | 6.73            | 48.57                         | 0.11    | 7.25          | 12.19                   | 6.56            | 0.02           |
| SQU-US         | 2025-10-22 17:45:00 | 6.73            | 49.17                         | 0.11    | 7.26          | 12.18                   | 7.67            | 0.02           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-22 18:00:00 | 6.72            | 49.55                         | 0.11    | 7.22          | 12.19                   | 6.54            | 0.02           |
| SQU-US         | 2025-10-22 18:15:00 | 6.77            | 51.41                         | 0.12    | 7.20          | 12.13                   | 5.70            | 0.02           |
| SQU-US         | 2025-10-22 18:30:00 | 6.78            | 51.70                         | 0.11    | 7.23          | 12.12                   | 6.39            | 0.02           |
| SQU-US         | 2025-10-22 18:45:00 | 6.74            | 50.45                         | 0.11    | 7.22          | 12.14                   | 5.23            | 0.02           |
| SQU-US         | 2025-10-22 19:00:00 | 6.75            | 51.15                         | 0.11    | 7.23          | 12.12                   | 4.63            | 0.02           |
| SQU-US         | 2025-10-22 19:15:00 | 6.81            | 53.40                         | 0.12    | 7.18          | 12.05                   | 5.78            | 0.02           |
| SQU-US         | 2025-10-22 19:30:00 | 6.83            | 53.88                         | 0.12    | 7.19          | 12.02                   | 4.49            | 0.02           |
| SQU-US         | 2025-10-22 19:45:00 | 6.85            | 53.66                         | 0.12    | 7.17          | 12.02                   | 4.92            | 0.02           |
| SQU-US         | 2025-10-22 20:00:00 | 6.85            | 54.28                         | 0.12    | 7.10          | 12.00                   | 6.43            | 0.02           |
| SQU-US         | 2025-10-22 20:15:00 | 6.85            | 53.52                         | 0.12    | 7.11          | 12.02                   | 4.87            | 0.02           |
| SQU-US         | 2025-10-22 20:30:00 | 6.86            | 53.22                         | 0.12    | 7.11          | 12.02                   | 7.68            | 0.02           |
| SQU-US         | 2025-10-22 20:45:00 | 6.86            | 52.61                         | 0.12    | 7.10          | 12.04                   | 8.25            | 0.02           |
| SQU-US         | 2025-10-22 21:00:00 |                 | 51.73                         |         |               | 12.04                   |                 | 0.02           |
| SQU-US         | 2025-10-22 21:15:00 | 6.84            | 51.07                         | 0.11    | 7.13          | 12.06                   | 8.28            | 0.02           |
| SQU-US         | 2025-10-22 21:30:00 | 6.84            | 50.55                         | 0.11    | 7.15          | 12.07                   | 9.06            | 0.02           |
| SQU-US         | 2025-10-22 21:45:00 | 6.85            | 50.26                         | 0.11    | 7.11          | 12.08                   | 7.22            | 0.02           |
| SQU-US         | 2025-10-22 22:00:00 | 6.85            | 50.31                         | 0.11    | 7.15          | 12.07                   | 6.55            | 0.02           |
| SQU-US         | 2025-10-22 22:15:00 | 6.85            | 50.14                         | 0.11    | 7.11          | 12.07                   | 8.21            | 0.02           |
| SQU-US         | 2025-10-22 22:30:00 | 6.86            | 49.86                         | 0.11    | 7.14          | 12.09                   | 7.79            | 0.02           |
| SQU-US         | 2025-10-22 22:45:00 | 6.85            | 49.78                         | 0.11    | 7.15          | 12.08                   | 7.25            | 0.02           |
| SQU-US         | 2025-10-22 23:00:00 |                 | 49.59                         |         |               | 12.09                   |                 | 0.02           |
| SQU-US         | 2025-10-22 23:15:00 | 6.86            | 49.38                         | 0.11    | 7.15          | 12.10                   | 6.35            | 0.02           |
| SQU-US         | 2025-10-22 23:30:00 | 6.85            | 49.24                         | 0.11    | 7.11          | 12.09                   | 8.05            | 0.02           |
| SQU-US         | 2025-10-22 23:45:00 | 6.85            | 49.06                         | 0.11    | 7.09          | 12.09                   | 5.55            | 0.02           |
| SQU-US         | 2025-10-23 00:00:00 | 6.87            | 48.65                         | 0.11    | 7.14          | 12.09                   | 5.83            | 0.02           |
| SQU-US         | 2025-10-23 00:15:00 | 6.88            | 48.34                         | 0.11    | 7.14          | 12.09                   | 6.10            | 0.02           |
| SQU-US         | 2025-10-23 00:30:00 | 6.89            | 48.35                         | 0.11    | 7.14          | 12.08                   | 10.52           | 0.02           |
| SQU-US         | 2025-10-23 00:45:00 | 6.89            | 48.15                         | 0.11    | 7.10          | 12.09                   | 5.86            | 0.02           |
| SQU-US         | 2025-10-23 01:00:00 | 6.89            | 48.09                         | 0.11    | 7.13          | 12.10                   | 5.88            | 0.02           |
| SQU-US         | 2025-10-23 01:15:00 | 6.89            | 48.11                         | 0.11    | 7.13          | 12.09                   | 9.10            | 0.02           |
| SQU-US         | 2025-10-23 01:30:00 | 6.89            | 47.70                         | 0.11    | 7.09          | 12.10                   | 7.39            | 0.02           |
| SQU-US         | 2025-10-23 01:45:00 | 6.90            | 47.71                         | 0.11    | 7.13          | 12.11                   | 8.06            | 0.02           |
| SQU-US         | 2025-10-23 02:00:00 | 6.90            | 47.41                         | 0.11    | 7.13          | 12.10                   | 9.20            | 0.02           |
| SQU-US         | 2025-10-23 02:15:00 | 6.91            | 47.42                         | 0.11    | 7.11          | 12.10                   | 7.22            | 0.02           |
| SQU-US         | 2025-10-23 02:30:00 | 6.91            | 47.34                         | 0.11    | 7.16          | 12.10                   | 9.84            | 0.02           |
| SQU-US         | 2025-10-23 02:45:00 | 6.91            | 47.23                         | 0.11    | 7.12          | 12.11                   | 8.69            | 0.02           |
| SQU-US         | 2025-10-23 03:00:00 | 6.92            | 47.07                         | 0.11    | 7.12          | 12.12                   | 9.85            | 0.02           |
| SQU-US         | 2025-10-23 03:15:00 | 6.91            | 46.89                         | 0.11    | 7.09          | 12.12                   | 8.64            | 0.02           |
| SQU-US         | 2025-10-23 03:30:00 | 6.92            | 47.02                         | 0.12    | 7.06          | 12.11                   | 9.96            | 0.02           |
| SQU-US         | 2025-10-23 03:45:00 | 6.92            | 46.86                         | 0.11    | 7.15          | 12.11                   | 13.44           | 0.02           |
| SQU-US         | 2025-10-23 04:00:00 | 6.92            | 46.59                         | 0.11    | 7.16          | 12.11                   | 8.13            | 0.02           |
| SQU-US         | 2025-10-23 04:15:00 | 6.92            | 46.71                         | 0.11    | 7.13          | 12.11                   | 7.77            | 0.02           |
| SQU-US         | 2025-10-23 04:30:00 | 6.92            | 46.47                         | 0.11    | 7.13          | 12.11                   | 12.08           | 0.02           |
| SQU-US         | 2025-10-23 04:45:00 | 6.92            | 46.52                         | 0.11    | 7.08          | 12.12                   | 8.34            | 0.02           |
| SQU-US         | 2025-10-23 05:00:00 | 6.91            | 46.43                         | 0.11    | 7.12          | 12.11                   | 8.25            | 0.02           |
| SQU-US         | 2025-10-23 05:15:00 | 6.91            | 46.22                         | 0.11    | 7.14          | 12.11                   | 8.93            | 0.02           |
| SQU-US         | 2025-10-23 05:30:00 | 6.91            | 46.08                         | 0.11    | 7.08          | 12.12                   | 8.57            | 0.02           |
| SQU-US         | 2025-10-23 05:45:00 | 6.91            | 45.92                         | 0.11    | 7.16          | 12.13                   | 9.58            | 0.02           |
| SQU-US         | 2025-10-23 06:00:00 | 6.90            | 45.79                         | 0.11    | 7.21          | 12.12                   | 6.82            | 0.02           |
| SQU-US         | 2025-10-23 06:15:00 | 6.90            | 45.43                         | 0.11    | 7.18          | 12.15                   | 10.47           | 0.02           |
| SQU-US         | 2025-10-23 06:30:00 | 6.91            | 45.70                         | 0.11    | 7.22          | 12.14                   | 11.59           | 0.02           |
| SQU-US         | 2025-10-23 06:45:00 | 6.91            | 45.65                         | 0.11    | 7.19          | 12.13                   | 8.79            | 0.02           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-23 07:00:00 | 6.90            | 45.79                         | 0.11    | 7.21          | 12.13                   | 8.96            | 0.02           |
| SQU-US         | 2025-10-23 07:15:00 | 6.91            | 46.43                         | 0.11    | 7.21          | 12.12                   | 8.68            | 0.02           |
| SQU-US         | 2025-10-23 07:30:00 | 6.94            | 46.93                         | 0.11    | 7.21          | 12.10                   | 8.55            | 0.02           |
| SQU-US         | 2025-10-23 07:45:00 | 6.94            | 46.66                         | 0.11    | 7.22          | 12.09                   | 13.07           | 0.02           |
| SQU-US         | 2025-10-23 08:00:00 | 6.93            | 46.19                         | 0.11    | 7.22          | 12.11                   | 8.17            | 0.02           |
| SQU-US         | 2025-10-23 08:15:00 | 6.96            | 47.73                         | 0.12    | 7.22          | 12.09                   | 7.60            | 0.02           |
| SQU-US         | 2025-10-23 08:30:00 | 6.97            | 48.09                         | 0.12    | 7.22          | 12.10                   | 10.41           | 0.02           |
| SQU-US         | 2025-10-23 08:45:00 | 6.97            | 47.87                         | 0.12    | 7.22          | 12.07                   | 9.38            | 0.02           |
| SQU-US         | 2025-10-23 09:00:00 | 6.96            | 46.73                         | 0.12    | 7.23          | 12.11                   | 11.45           | 0.02           |
| SQU-US         | 2025-10-23 09:15:00 | 6.96            | 46.64                         | 0.12    | 7.24          | 12.12                   | 10.11           | 0.02           |
| SQU-US         | 2025-10-23 09:30:00 | 6.97            | 46.36                         | 0.12    | 7.23          | 12.14                   | 11.00           | 0.02           |
| SQU-US         | 2025-10-23 09:45:00 | 7.00            | 47.37                         | 0.12    | 7.25          | 12.12                   | 13.02           | 0.02           |
| SQU-US         | 2025-10-23 10:00:00 | 7.03            | 47.91                         | 0.12    | 7.24          | 12.11                   | 11.96           | 0.02           |
| SQU-US         | 2025-10-23 10:15:00 | 7.03            | 47.43                         | 0.12    | 7.22          | 12.12                   | 11.23           | 0.02           |
| SQU-US         | 2025-10-23 10:30:00 | 7.04            | 47.68                         | 0.12    | 7.25          | 12.13                   | 10.37           | 0.02           |
| SQU-US         | 2025-10-23 10:45:00 | 7.05            | 47.89                         | 0.13    | 7.20          | 12.13                   | 12.37           | 0.02           |
| SQU-US         | 2025-10-23 11:00:00 | 7.08            | 48.43                         | 0.13    | 7.23          | 12.11                   | 13.85           | 0.02           |
| SQU-US         | 2025-10-23 11:15:00 | 7.09            | 48.35                         | 0.13    | 7.24          | 12.10                   | 10.65           | 0.02           |
| SQU-US         | 2025-10-23 11:30:00 | 7.08            | 47.16                         | 0.12    | 7.23          | 12.12                   | 12.65           | 0.02           |
| SQU-US         | 2025-10-23 11:45:00 | 7.09            | 46.67                         | 0.12    | 7.22          | 12.14                   | 11.91           | 0.02           |
| SQU-US         | 2025-10-23 12:00:00 | 7.10            | 46.59                         | 0.12    | 7.24          | 12.14                   | 10.65           | 0.02           |
| SQU-US         | 2025-10-23 12:15:00 | 7.12            | 46.75                         | 0.12    | 7.22          | 12.13                   | 10.44           | 0.02           |
| SQU-US         | 2025-10-23 12:30:00 | 7.12            | 46.44                         | 0.12    | 7.22          | 12.13                   | 10.12           | 0.02           |
| SQU-US         | 2025-10-23 12:45:00 | 7.11            | 46.04                         | 0.12    | 7.24          | 12.15                   | 10.08           | 0.02           |
| SQU-US         | 2025-10-23 13:00:00 | 7.12            | 45.87                         | 0.12    | 7.25          | 12.16                   | 9.08            | 0.02           |
| SQU-US         | 2025-10-23 13:15:00 | 7.14            | 45.85                         | 0.12    | 7.25          | 12.15                   | 14.43           | 0.02           |
| SQU-US         | 2025-10-23 13:30:00 | 7.17            | 46.16                         | 0.12    | 7.24          | 12.16                   | 16.78           | 0.02           |
| SQU-US         | 2025-10-23 13:45:00 | 7.19            | 46.06                         | 0.13    | 7.25          | 12.17                   | 17.40           | 0.02           |
| SQU-US         | 2025-10-23 14:00:00 | 7.20            | 45.97                         | 0.12    | 7.27          | 12.16                   | 18.18           | 0.02           |
| SQU-US         | 2025-10-23 14:15:00 | 7.22            | 46.09                         | 0.13    | 7.27          | 12.18                   | 12.60           | 0.02           |
| SQU-US         | 2025-10-23 14:30:00 | 7.24            | 46.26                         | 0.13    | 7.25          | 12.17                   | 22.10           | 0.02           |
| SQU-US         | 2025-10-23 14:45:00 | 7.25            | 46.42                         | 0.13    | 7.25          | 12.16                   | 19.99           | 0.02           |
| SQU-US         | 2025-10-23 15:00:00 | 7.27            | 46.31                         | 0.13    | 7.26          | 12.17                   | 19.80           | 0.02           |
| SQU-US         | 2025-10-23 15:15:00 | 7.29            | 46.35                         | 0.14    | 7.25          | 12.16                   | 38.74           | 0.02           |
| SQU-US         | 2025-10-23 15:30:00 | 7.29            | 45.86                         | 0.13    | 7.25          | 12.16                   | 38.53           | 0.02           |
| SQU-US         | 2025-10-23 15:45:00 | 7.30            | 45.82                         | 0.13    | 7.26          | 12.16                   | 40.28           | 0.02           |
| SQU-US         | 2025-10-23 16:00:00 | 7.31            | 45.23                         | 0.13    | 7.27          | 12.15                   | 46.30           | 0.02           |
| SQU-US         | 2025-10-23 16:15:00 | 7.33            | 44.77                         | 0.12    | 7.29          | 12.15                   | 48.95           | 0.02           |
| SQU-US         | 2025-10-23 16:30:00 | 7.35            | 44.61                         | 0.12    | 7.26          | 12.14                   | 51.65           | 0.02           |
| SQU-US         | 2025-10-23 16:45:00 | 7.37            | 44.33                         | 0.12    | 7.27          | 12.13                   | 41.63           | 0.02           |
| SQU-US         | 2025-10-23 17:00:00 | 7.36            | 43.32                         | 0.12    | 7.24          | 12.13                   | 62.49           | 0.02           |
| SQU-US         | 2025-10-23 17:15:00 | 7.36            | 42.86                         | 0.12    | 7.26          | 12.14                   | 58.11           | 0.02           |
| SQU-US         | 2025-10-23 17:30:00 | 7.39            | 43.40                         | 0.13    | 7.24          | 12.10                   | 59.49           | 0.02           |
| SQU-US         | 2025-10-23 17:45:00 | 7.39            | 43.15                         | 0.12    | 7.27          | 12.08                   | 63.93           | 0.02           |
| SQU-US         | 2025-10-23 18:00:00 | 7.38            | 42.35                         | 0.13    | 7.24          | 12.08                   | 76.45           | 0.02           |
| SQU-US         | 2025-10-23 18:15:00 | 7.38            | 42.31                         | 0.13    | 7.23          | 12.07                   | 85.80           | 0.02           |
| SQU-US         | 2025-10-23 18:30:00 | 7.38            | 41.88                         | 0.13    | 7.25          | 12.08                   | 81.79           | 0.02           |
| SQU-US         | 2025-10-23 18:45:00 | 7.39            | 41.82                         | 0.13    | 7.24          | 12.05                   | 95.73           | 0.02           |
| SQU-US         | 2025-10-23 19:00:00 | 7.41            | 42.08                         | 0.13    | 7.23          | 12.04                   | 61.48           | 0.02           |
| SQU-US         | 2025-10-23 19:15:00 | 7.40            | 41.26                         | 0.13    | 7.24          | 12.06                   | 71.42           | 0.02           |
| SQU-US         | 2025-10-23 19:30:00 | 7.43            | 42.37                         | 0.13    | 7.23          | 12.02                   | 69.29           | 0.02           |
| SQU-US         | 2025-10-23 19:45:00 | 7.41            | 40.61                         | 0.13    | 7.22          | 12.06                   | 72.91           | 0.02           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-23 20:00:00 | 7.43            | 41.12                         | 0.13    | 7.24          | 12.04                   | 91.18           | 0.02           |
| SQU-US         | 2025-10-23 20:15:00 | 7.44            | 41.44                         | 0.13    | 7.23          | 12.02                   | 75.55           | 0.02           |
| SQU-US         | 2025-10-23 20:30:00 | 7.45            | 41.51                         | 0.13    | 7.22          | 12.02                   | 68.24           | 0.02           |
| SQU-US         | 2025-10-23 20:45:00 | 7.45            | 40.86                         | 0.13    | 7.17          | 12.03                   | 86.46           | 0.02           |
| SQU-US         | 2025-10-23 21:00:00 | 7.45            | 40.64                         | 0.13    | 7.19          | 12.04                   | 82.54           | 0.02           |
| SQU-US         | 2025-10-23 21:15:00 | 7.46            | 40.75                         | 0.13    | 7.18          | 12.02                   | 71.28           | 0.02           |
| SQU-US         | 2025-10-23 21:30:00 | 7.47            | 40.46                         | 0.13    | 7.18          | 12.02                   | 76.82           | 0.02           |
| SQU-US         | 2025-10-23 21:45:00 | 7.46            | 39.78                         | 0.13    | 7.18          | 12.03                   | 80.20           | 0.02           |
| SQU-US         | 2025-10-23 22:00:00 | 7.47            | 39.65                         | 0.14    | 7.12          | 12.00                   | 92.70           | 0.02           |
| SQU-US         | 2025-10-23 22:15:00 | 7.48            | 39.72                         | 0.13    | 7.17          | 12.00                   | 80.59           | 0.02           |
| SQU-US         | 2025-10-23 22:30:00 | 7.49            | 39.69                         | 0.14    | 7.14          | 12.00                   | 64.30           | 0.02           |
| SQU-US         | 2025-10-23 22:45:00 | 7.49            | 39.70                         | 0.14    | 7.14          | 11.99                   | 76.80           | 0.02           |
| SQU-US         | 2025-10-23 23:00:00 | 7.49            | 39.00                         | 0.14    | 7.13          | 11.99                   | 90.26           | 0.02           |
| SQU-US         | 2025-10-23 23:15:00 | 7.50            | 39.33                         | 0.14    | 7.13          | 11.99                   | 87.79           | 0.02           |
| SQU-US         | 2025-10-23 23:30:00 | 7.50            | 38.93                         | 0.14    | 7.15          | 11.99                   | 76.13           | 0.02           |
| SQU-US         | 2025-10-23 23:45:00 | 7.50            | 38.32                         | 0.14    | 7.14          | 11.99                   | 71.50           | 0.02           |
| SQU-US         | 2025-10-24 00:00:00 | 7.50            | 38.19                         | 0.14    | 7.14          | 12.00                   | 97.91           | 0.02           |
| SQU-US         | 2025-10-24 00:15:00 | 7.49            | 38.08                         | 0.14    | 7.17          | 12.02                   | 72.00           | 0.02           |
| SQU-US         | 2025-10-24 00:30:00 | 7.50            | 38.28                         | 0.14    | 7.12          | 12.02                   | 84.77           | 0.02           |
| SQU-US         | 2025-10-24 00:45:00 | 7.51            | 38.51                         | 0.14    | 7.14          | 12.00                   | 90.15           | 0.02           |
| SQU-US         | 2025-10-24 01:00:00 | 7.52            | 38.40                         | 0.14    | 7.15          | 12.01                   | 129.92          | 0.02           |
| SQU-US         | 2025-10-24 01:15:00 | 7.52            | 38.32                         | 0.14    | 7.15          | 12.01                   | 86.80           | 0.02           |
| SQU-US         | 2025-10-24 01:30:00 | 7.51            | 37.74                         | 0.14    | 7.18          | 12.02                   | 92.62           | 0.02           |
| SQU-US         | 2025-10-24 01:45:00 | 7.52            | 37.88                         | 0.14    | 7.19          | 12.00                   | 104.28          | 0.02           |
| SQU-US         | 2025-10-24 02:00:00 | 7.52            | 37.71                         | 0.14    | 7.18          | 12.00                   | 101.82          | 0.02           |
| SQU-US         | 2025-10-24 02:15:00 | 7.52            | 37.76                         | 0.14    | 7.19          | 12.00                   | 132.81          | 0.02           |
| SQU-US         | 2025-10-24 02:30:00 | 7.53            | 37.43                         | 0.14    | 7.20          | 11.98                   | 100.39          | 0.02           |
| SQU-US         | 2025-10-24 02:45:00 | 7.53            | 37.64                         | 0.14    | 7.16          | 11.98                   | 105.61          | 0.02           |
| SQU-US         | 2025-10-24 03:00:00 | 7.54            | 37.56                         | 0.14    | 7.20          | 11.98                   | 102.42          | 0.02           |
| SQU-US         | 2025-10-24 03:15:00 | 7.53            | 37.22                         | 0.14    | 7.18          | 11.98                   | 126.11          | 0.02           |
| SQU-US         | 2025-10-24 03:30:00 | 7.53            | 36.77                         | 0.14    | 7.15          | 11.99                   | 111.35          | 0.02           |
| SQU-US         | 2025-10-24 03:45:00 | 7.53            | 36.26                         | 0.14    | 7.09          | 12.01                   | 143.88          | 0.02           |
| SQU-US         | 2025-10-24 04:00:00 | 7.54            | 35.78                         | 0.14    | 7.03          | 12.00                   | 120.30          | 0.02           |
| SQU-US         | 2025-10-24 04:15:00 | 7.54            | 35.44                         | 0.13    | 7.41          | 11.71                   | 158.90          | 0.02           |
| SQU-US         | 2025-10-24 04:30:00 | 7.55            | 35.21                         | 0.13    | 7.40          | 11.13                   | 145.73          | 0.02           |
| SQU-US         | 2025-10-24 04:45:00 | 7.54            | 31.82                         | 0.13    | 7.38          | 10.61                   | 186.95          | 0.01           |
| SQU-US         | 2025-10-24 05:00:00 | 7.53            | 30.02                         | 0.13    | 7.37          | 10.18                   | 134.26          | 0.01           |
| SQU-US         | 2025-10-24 05:15:00 | 7.54            | 25.12                         | 0.14    | 7.24          | 9.79                    | 111.35          | 0.01           |
| SQU-US         | 2025-10-24 05:30:00 | 7.54            | 21.81                         | 0.14    | 7.25          | 9.44                    | 130.41          | 0.01           |
| SQU-US         | 2025-10-24 05:45:00 | 7.54            | 18.88                         | 0.13    | 7.33          | 9.11                    | 88.93           | 0.01           |
| SQU-US         | 2025-10-24 06:00:00 | 7.54            | 18.70                         | 0.13    | 7.31          | 8.76                    | 92.05           | 0.01           |
| SQU-US         | 2025-10-24 06:15:00 | 7.54            | 18.42                         | 0.14    | 7.17          | 8.68                    | 77.11           | 0.01           |
| SQU-US         | 2025-10-24 06:30:00 | 7.54            | 18.66                         | 0.13    | 7.18          | 9.11                    | 91.84           | 0.01           |
| SQU-US         | 2025-10-24 06:45:00 | 7.52            | 29.65                         | 0.14    | 7.10          | 11.99                   | 98.33           | 0.01           |
| SQU-US         | 2025-10-24 07:00:00 | 7.49            | 30.31                         | 0.14    | 7.11          | 12.02                   | 116.19          | 0.01           |
| SQU-US         | 2025-10-24 07:15:00 | 7.50            | 30.03                         | 0.14    | 7.07          | 12.03                   | 87.71           | 0.01           |
| SQU-US         | 2025-10-24 07:30:00 | 7.49            | 29.26                         | 0.14    | 7.10          | 12.02                   | 78.37           | 0.01           |
| SQU-US         | 2025-10-24 07:45:00 | 7.48            | 29.51                         | 0.14    | 7.11          | 12.03                   | 72.30           | 0.01           |
| SQU-US         | 2025-10-24 08:00:00 | 7.48            | 29.61                         | 0.14    | 7.09          | 12.03                   | 191.43          | 0.01           |
| SQU-US         | 2025-10-24 08:15:00 | 7.49            | 30.36                         | 0.14    | 7.12          | 12.02                   | 64.53           | 0.01           |
| SQU-US         | 2025-10-24 08:30:00 | 7.50            | 31.13                         | 0.15    | 7.08          | 12.00                   | 63.12           | 0.01           |
| SQU-US         | 2025-10-24 08:45:00 | 7.53            | 32.11                         | 0.14    | 7.13          | 11.95                   | 49.43           | 0.01           |



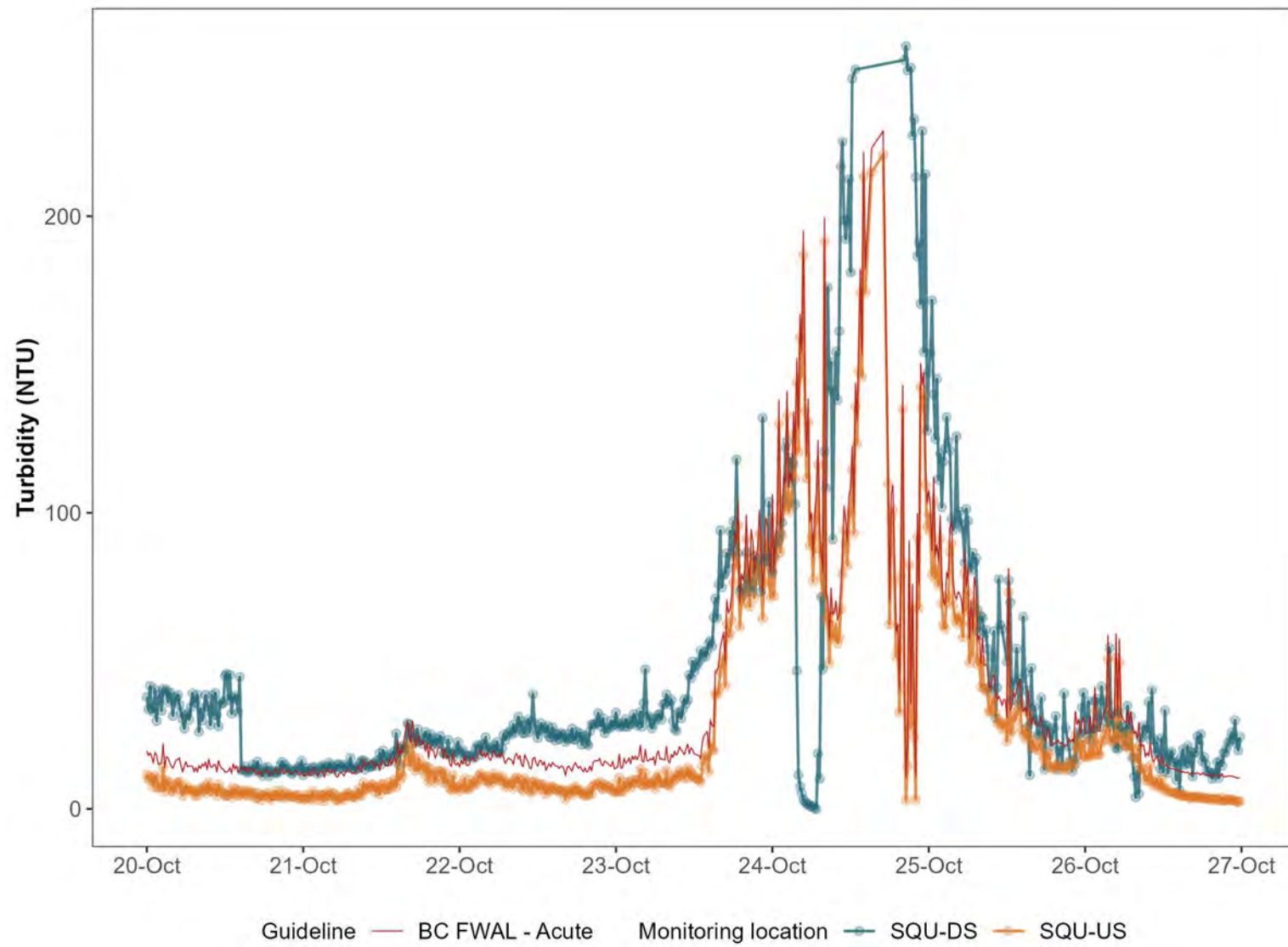
| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-24 09:00:00 | 7.58            | 33.38                         | 0.15    | 7.06          | 11.87                   | 66.54           | 0.01           |
| SQU-US         | 2025-10-24 09:15:00 | 7.55            | 32.30                         | 0.15    | 7.07          | 11.92                   | 57.69           | 0.01           |
| SQU-US         | 2025-10-24 09:30:00 | 7.52            | 30.15                         | 0.14    | 7.12          | 11.97                   | 58.37           | 0.01           |
| SQU-US         | 2025-10-24 09:45:00 | 7.54            | 31.60                         | 0.15    | 7.12          | 11.93                   | 62.26           | 0.01           |
| SQU-US         | 2025-10-24 10:00:00 | 7.55            | 34.34                         | 0.14    | 7.14          | 12.01                   | 55.90           | 0.01           |
| SQU-US         | 2025-10-24 10:15:00 | 7.55            | 34.50                         | 0.14    | 7.17          | 12.02                   | 57.80           | 0.01           |
| SQU-US         | 2025-10-24 10:30:00 | 7.57            | 34.05                         | 0.15    | 7.15          | 12.04                   | 67.35           | 0.01           |
| SQU-US         | 2025-10-24 10:45:00 | 7.62            | 33.41                         | 0.14    | 7.17          | 12.10                   | 79.24           | 0.01           |
| SQU-US         | 2025-10-24 11:00:00 | 7.63            | 31.80                         | 0.15    | 7.14          | 12.14                   | 94.26           | 0.01           |
| SQU-US         | 2025-10-24 11:15:00 | 7.65            | 33.76                         | 0.14    | 7.15          | 12.21                   | 89.63           | 0.01           |
| SQU-US         | 2025-10-24 11:30:00 | 7.68            | 32.46                         | 0.15    | 7.14          | 12.26                   | 82.19           | 0.01           |
| SQU-US         | 2025-10-24 11:45:00 | 7.70            | 30.01                         | 0.14    | 7.15          | 12.33                   | 97.65           | 0.01           |
| SQU-US         | 2025-10-24 12:00:00 | 7.72            | 30.69                         | 0.14    | 7.13          | 12.35                   | 100.16          | 0.01           |
| SQU-US         | 2025-10-24 12:15:00 | 7.73            | 22.87                         | 0.13    | 7.31          | 11.99                   | 114.35          | 0.01           |
| SQU-US         | 2025-10-24 12:30:00 | 7.75            | 17.74                         | 0.13    | 7.39          | 11.45                   | 93.13           | 0.01           |
| SQU-US         | 2025-10-24 12:45:00 | 7.78            | 16.61                         | 0.13    | 7.39          | 11.28                   | 135.62          | 0.01           |
| SQU-US         | 2025-10-24 13:00:00 | 7.82            | 16.52                         | 0.13    | 7.35          | 11.16                   | 123.08          | 0.01           |
| SQU-US         | 2025-10-24 13:15:00 | 7.86            | 16.47                         | 0.13    | 7.36          | 11.27                   | 147.47          | 0.01           |
| SQU-US         | 2025-10-24 13:30:00 | 7.89            | 16.46                         | 0.13    | 7.35          | 11.40                   | 174.18          | 0.01           |
| SQU-US         | 2025-10-24 13:45:00 | 7.91            | 16.50                         | 0.13    | 7.34          | 11.58                   | 145.82          | 0.01           |
| SQU-US         | 2025-10-24 14:00:00 | 7.93            | 16.53                         | 0.13    | 7.33          | 11.48                   | 213.52          | 0.01           |
| SQU-US         | 2025-10-24 14:15:00 | 7.96            | 16.58                         | 0.13    | 7.32          | 11.56                   | 174.49          | 0.01           |
| SQU-US         | 2025-10-24 14:30:00 | 7.99            | 16.57                         | 0.13    | 7.30          | 11.74                   | 253.36          | 0.01           |
| SQU-US         | 2025-10-24 14:45:00 | 8.01            | 16.64                         | 0.13    | 7.27          | 11.71                   | 242.32          | 0.01           |
| SQU-US         | 2025-10-24 15:00:00 | 8.03            | 16.66                         | 0.13    | 7.27          | 11.49                   | 288.84          | 0.01           |
| SQU-US         | 2025-10-24 15:15:00 | 8.06            | 16.73                         | 0.13    | 7.30          | 11.30                   | 214.99          | 0.01           |
| SQU-US         | 2025-10-24 15:30:00 | 8.07            | 16.81                         | 0.13    | 7.27          | 11.19                   | 238.75          | 0.01           |
| SQU-US         | 2025-10-24 15:45:00 | 8.07            | 16.87                         | 0.13    | 7.31          | 11.00                   | 283.31          | 0.01           |
| SQU-US         | 2025-10-24 16:00:00 | 8.06            | 16.94                         | 0.13    | 7.22          | 10.96                   | 234.41          | 0.01           |
| SQU-US         | 2025-10-24 16:15:00 | 8.05            | 17.01                         | 0.13    | 7.19          | 10.86                   | 274.95          | 0.01           |
| SQU-US         | 2025-10-24 16:30:00 | 8.03            | 17.08                         | 0.14    | 7.19          | 10.61                   | 258.55          | 0.01           |
| SQU-US         | 2025-10-24 16:45:00 | 8.02            | 17.20                         | 0.13    | 7.24          | 10.26                   | 234.53          | 0.01           |
| SQU-US         | 2025-10-24 17:00:00 | 8.01            | 17.28                         | 0.13    | 7.25          | 10.09                   | 220.73          | 0.01           |
| SQU-US         | 2025-10-24 17:15:00 | 7.99            | 17.33                         | 0.13    | 7.26          | 10.27                   | 224.29          | 0.01           |
| SQU-US         | 2025-10-24 17:30:00 | 7.98            | 17.37                         | 0.13    | 7.26          | 10.65                   | 247.08          | 0.01           |
| SQU-US         | 2025-10-24 17:45:00 | 7.96            | 17.40                         | 0.14    | 7.20          | 10.99                   | 109.59          | 0.01           |
| SQU-US         | 2025-10-24 18:00:00 | 7.93            | 17.41                         | 0.14    | 7.28          | 11.16                   | 62.43           | 0.01           |
| SQU-US         | 2025-10-24 18:15:00 | 7.91            | 17.47                         | 0.14    | 7.22          | 11.17                   | 98.46           | 0.01           |
| SQU-US         | 2025-10-24 18:30:00 | 7.89            | 17.48                         | 0.14    | 7.21          | 11.12                   | 101.14          | 0.01           |
| SQU-US         | 2025-10-24 18:45:00 | 7.87            | 17.50                         | 0.15    | 7.20          | 10.94                   | 76.12           | 0.01           |
| SQU-US         | 2025-10-24 19:00:00 | 7.85            | 17.56                         | 0.15    | 7.19          | 10.80                   | 51.54           | 0.01           |
| SQU-US         | 2025-10-24 19:15:00 | 7.84            | 17.55                         | 0.15    | 7.21          | 10.63                   | 54.41           | 0.01           |
| SQU-US         | 2025-10-24 19:30:00 | 7.83            | 17.55                         | 0.15    | 7.28          | 10.36                   | 32.64           | 0.01           |
| SQU-US         | 2025-10-24 19:45:00 | 7.82            | 17.55                         | 0.15    | 7.30          | 10.14                   | 78.72           | 0.01           |
| SQU-US         | 2025-10-24 20:00:00 | 7.81            | 17.53                         | 0.15    | 7.23          | 10.11                   | 134.80          | 0.01           |
| SQU-US         | 2025-10-24 20:15:00 | 7.81            | 17.50                         | 0.15    | 7.31          | 10.33                   | 40.56           | 0.01           |
| SQU-US         | 2025-10-24 20:30:00 | 7.80            | 17.51                         | 0.15    | 7.29          | 10.49                   | 2.78            | 0.01           |
| SQU-US         | 2025-10-24 20:45:00 | 7.80            | 17.48                         | 0.15    | 7.27          | 10.52                   | 14.51           | 0.01           |
| SQU-US         | 2025-10-24 21:00:00 | 7.79            | 17.47                         | 0.16    | 7.24          | 10.60                   | 82.42           | 0.01           |
| SQU-US         | 2025-10-24 21:15:00 | 7.78            | 17.44                         | 0.15    | 7.26          | 10.84                   | 27.35           | 0.01           |
| SQU-US         | 2025-10-24 21:30:00 | 7.77            | 17.41                         | 0.16    | 7.26          | 11.05                   | 67.88           | 0.01           |
| SQU-US         | 2025-10-24 21:45:00 | 7.76            | 17.34                         | 0.15    | 7.31          | 11.27                   | 24.17           | 0.01           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-24 22:00:00 | 7.75            | 17.26                         | 0.15    | 7.32          | 11.34                   | 3.19            | 0.01           |
| SQU-US         | 2025-10-24 22:15:00 | 7.74            | 17.19                         | 0.16    | 7.25          | 11.21                   | 91.70           | 0.01           |
| SQU-US         | 2025-10-24 22:30:00 | 7.72            | 17.14                         | 0.16    | 7.28          | 11.01                   | 67.81           | 0.01           |
| SQU-US         | 2025-10-24 22:45:00 | 7.70            | 17.05                         | 0.16    | 7.28          | 11.10                   | 142.27          | 0.01           |
| SQU-US         | 2025-10-24 23:00:00 | 7.68            | 16.97                         | 0.16    | 7.25          | 11.32                   | 135.10          | 0.01           |
| SQU-US         | 2025-10-24 23:15:00 | 7.67            | 16.94                         | 0.16    | 7.27          | 11.41                   | 139.44          | 0.01           |
| SQU-US         | 2025-10-24 23:30:00 | 7.65            | 16.86                         | 0.15    | 7.25          | 11.38                   | 109.19          | 0.01           |
| SQU-US         | 2025-10-24 23:45:00 | 7.64            | 16.78                         | 0.15    | 7.35          | 11.39                   | 95.30           | 0.01           |
| SQU-US         | 2025-10-25 00:00:00 | 7.62            | 16.71                         | 0.16    | 7.21          | 11.33                   | 99.56           | 0.01           |
| SQU-US         | 2025-10-25 00:15:00 | 7.60            | 16.53                         | 0.16    | 7.14          | 11.62                   | 93.61           | 0.01           |
| SQU-US         | 2025-10-25 00:30:00 | 7.59            | 16.45                         | 0.16    | 7.20          | 11.59                   | 79.14           | 0.01           |
| SQU-US         | 2025-10-25 00:45:00 | 7.56            | 16.35                         | 0.15    | 7.22          | 11.04                   | 104.00          | 0.01           |
| SQU-US         | 2025-10-25 01:00:00 | 7.54            | 16.32                         | 0.16    | 7.12          | 10.64                   | 77.77           | 0.01           |
| SQU-US         | 2025-10-25 01:15:00 | 7.52            | 16.32                         | 0.16    | 7.16          | 10.60                   | 81.19           | 0.01           |
| SQU-US         | 2025-10-25 01:30:00 | 7.50            | 16.26                         | 0.15    | 7.23          | 11.12                   | 75.51           | 0.01           |
| SQU-US         | 2025-10-25 01:45:00 | 7.47            | 16.29                         | 0.16    | 7.20          | 11.16                   | 91.06           | 0.01           |
| SQU-US         | 2025-10-25 02:00:00 | 7.45            | 16.30                         | 0.16    | 7.12          | 11.29                   | 69.29           | 0.01           |
| SQU-US         | 2025-10-25 02:15:00 | 7.42            | 16.42                         | 0.16    | 7.15          | 11.34                   | 62.13           | 0.01           |
| SQU-US         | 2025-10-25 02:30:00 | 7.39            | 16.72                         | 0.16    | 7.14          | 11.32                   | 60.85           | 0.01           |
| SQU-US         | 2025-10-25 02:45:00 | 7.36            | 19.07                         | 0.17    | 6.98          | 11.73                   | 72.09           | 0.01           |
| SQU-US         | 2025-10-25 03:00:00 | 7.32            | 24.51                         | 0.17    | 6.98          | 12.22                   | 70.12           | 0.01           |
| SQU-US         | 2025-10-25 03:15:00 | 7.28            | 27.42                         | 0.17    | 7.02          | 12.50                   | 86.71           | 0.01           |
| SQU-US         | 2025-10-25 03:30:00 | 7.25            | 28.08                         | 0.17    | 7.01          | 12.52                   | 89.63           | 0.01           |
| SQU-US         | 2025-10-25 03:45:00 | 7.21            | 28.32                         | 0.17    | 6.98          | 12.52                   | 68.72           | 0.01           |
| SQU-US         | 2025-10-25 04:00:00 | 7.18            | 28.40                         | 0.17    | 7.03          | 12.53                   | 64.49           | 0.01           |
| SQU-US         | 2025-10-25 04:15:00 | 7.14            | 28.29                         | 0.17    | 7.01          | 12.53                   | 62.76           | 0.01           |
| SQU-US         | 2025-10-25 04:30:00 | 7.12            | 28.26                         | 0.18    | 7.01          | 12.52                   | 65.30           | 0.01           |
| SQU-US         | 2025-10-25 04:45:00 | 7.09            | 28.97                         | 0.18    | 7.01          | 12.53                   | 64.71           | 0.01           |
| SQU-US         | 2025-10-25 05:00:00 | 7.07            | 28.64                         | 0.18    | 7.00          | 12.50                   | 62.60           | 0.01           |
| SQU-US         | 2025-10-25 05:15:00 | 7.06            | 28.87                         | 0.18    | 7.00          | 12.51                   | 57.97           | 0.01           |
| SQU-US         | 2025-10-25 05:30:00 | 7.03            | 29.06                         | 0.18    | 7.03          | 12.50                   | 79.70           | 0.01           |
| SQU-US         | 2025-10-25 05:45:00 | 7.02            | 29.15                         | 0.18    | 7.03          | 12.48                   | 66.91           | 0.01           |
| SQU-US         | 2025-10-25 06:00:00 | 7.01            | 29.01                         | 0.18    | 7.03          | 12.46                   | 73.23           | 0.01           |
| SQU-US         | 2025-10-25 06:15:00 | 6.99            | 29.03                         | 0.18    | 6.97          | 12.45                   | 49.45           | 0.01           |
| SQU-US         | 2025-10-25 06:30:00 | 6.98            | 29.32                         | 0.18    | 7.03          | 12.43                   | 62.35           | 0.01           |
| SQU-US         | 2025-10-25 06:45:00 | 6.97            | 29.56                         | 0.18    | 7.06          | 12.43                   | 51.78           | 0.01           |
| SQU-US         | 2025-10-25 07:00:00 | 6.95            | 29.54                         | 0.18    | 7.05          | 12.41                   | 70.35           | 0.01           |
| SQU-US         | 2025-10-25 07:15:00 | 6.94            | 29.68                         | 0.18    | 7.07          | 12.41                   | 66.53           | 0.01           |
| SQU-US         | 2025-10-25 07:30:00 | 6.91            | 29.91                         | 0.19    | 6.96          | 12.40                   | 48.71           | 0.01           |
| SQU-US         | 2025-10-25 07:45:00 | 6.90            | 29.80                         | 0.18    | 7.04          | 12.41                   | 50.55           | 0.01           |
| SQU-US         | 2025-10-25 08:00:00 | 6.86            | 29.80                         | 0.18    | 7.03          | 12.40                   | 41.17           | 0.01           |
| SQU-US         | 2025-10-25 08:15:00 | 6.86            | 30.25                         | 0.18    | 7.00          | 12.40                   | 50.00           | 0.01           |
| SQU-US         | 2025-10-25 08:30:00 | 6.84            | 30.58                         | 0.18    | 7.04          | 12.39                   | 40.53           | 0.01           |
| SQU-US         | 2025-10-25 08:45:00 | 6.82            | 30.53                         | 0.18    | 7.09          | 12.36                   | 40.65           | 0.01           |
| SQU-US         | 2025-10-25 09:00:00 | 6.82            | 30.23                         | 0.18    | 7.07          | 12.35                   | 39.66           | 0.01           |
| SQU-US         | 2025-10-25 09:15:00 | 6.80            | 30.41                         | 0.18    | 7.07          | 12.34                   | 33.02           | 0.01           |
| SQU-US         | 2025-10-25 09:30:00 | 6.80            | 31.02                         | 0.18    | 7.09          | 12.31                   | 32.69           | 0.01           |
| SQU-US         | 2025-10-25 09:45:00 | 6.80            | 31.54                         | 0.19    | 7.02          | 12.31                   | 36.21           | 0.01           |
| SQU-US         | 2025-10-25 10:00:00 | 6.79            | 31.43                         | 0.19    | 7.03          | 12.30                   | 37.39           | 0.01           |
| SQU-US         | 2025-10-25 10:15:00 | 6.78            | 31.38                         | 0.19    | 6.93          | 12.30                   | 32.37           | 0.01           |
| SQU-US         | 2025-10-25 10:30:00 | 6.77            | 32.26                         | 0.19    | 7.04          | 12.29                   | 28.91           | 0.01           |
| SQU-US         | 2025-10-25 10:45:00 | 6.78            | 31.84                         | 0.19    | 7.03          | 12.27                   | 30.10           | 0.01           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-25 11:00:00 | 6.77            | 31.57                         | 0.19    | 7.05          | 12.27                   | 28.85           | 0.01           |
| SQU-US         | 2025-10-25 11:15:00 | 6.80            | 31.92                         | 0.19    | 7.03          | 12.22                   | 26.90           | 0.01           |
| SQU-US         | 2025-10-25 11:30:00 | 6.81            | 32.12                         | 0.19    | 7.06          | 12.18                   | 28.93           | 0.01           |
| SQU-US         | 2025-10-25 11:45:00 | 6.83            | 32.48                         | 0.19    | 7.01          | 12.14                   | 28.69           | 0.01           |
| SQU-US         | 2025-10-25 12:00:00 | 6.83            | 32.15                         | 0.19    | 7.02          | 12.14                   | 22.83           | 0.01           |
| SQU-US         | 2025-10-25 12:15:00 | 6.84            | 31.93                         | 0.19    | 6.91          | 12.10                   | 73.17           | 0.01           |
| SQU-US         | 2025-10-25 12:30:00 | 6.85            | 31.82                         | 0.19    | 7.01          | 12.09                   | 25.38           | 0.01           |
| SQU-US         | 2025-10-25 12:45:00 | 6.87            | 31.50                         | 0.19    | 7.00          | 12.06                   | 26.50           | 0.01           |
| SQU-US         | 2025-10-25 13:00:00 | 6.88            | 31.26                         | 0.19    | 6.95          | 12.04                   | 31.48           | 0.01           |
| SQU-US         | 2025-10-25 13:15:00 | 6.87            | 31.52                         | 0.19    | 6.95          | 12.04                   | 29.66           | 0.01           |
| SQU-US         | 2025-10-25 13:30:00 | 6.88            | 31.47                         | 0.19    | 7.01          | 12.04                   | 32.90           | 0.01           |
| SQU-US         | 2025-10-25 13:45:00 | 6.88            | 31.77                         | 0.19    | 6.98          | 12.01                   | 33.41           | 0.01           |
| SQU-US         | 2025-10-25 14:00:00 | 6.90            | 31.65                         | 0.19    | 6.96          | 12.00                   | 35.88           | 0.01           |
| SQU-US         | 2025-10-25 14:15:00 | 6.91            | 31.80                         | 0.19    | 6.95          | 11.98                   | 26.89           | 0.01           |
| SQU-US         | 2025-10-25 14:30:00 | 6.92            | 31.96                         | 0.18    | 6.99          | 11.97                   | 24.86           | 0.01           |
| SQU-US         | 2025-10-25 14:45:00 | 6.92            | 31.73                         | 0.18    | 6.96          | 11.96                   | 26.48           | 0.01           |
| SQU-US         | 2025-10-25 15:00:00 | 6.93            | 31.93                         | 0.18    | 6.95          | 11.96                   | 23.39           | 0.01           |
| SQU-US         | 2025-10-25 15:15:00 | 6.93            | 32.16                         | 0.18    | 6.96          | 11.96                   | 32.24           | 0.01           |
| SQU-US         | 2025-10-25 15:30:00 | 6.93            | 32.37                         | 0.18    | 6.99          | 11.96                   | 24.48           | 0.01           |
| SQU-US         | 2025-10-25 15:45:00 | 6.93            | 32.16                         | 0.18    | 6.99          | 11.97                   | 20.45           | 0.01           |
| SQU-US         | 2025-10-25 16:00:00 | 6.92            | 31.90                         | 0.17    | 6.99          | 11.97                   | 22.95           | 0.01           |
| SQU-US         | 2025-10-25 16:15:00 | 6.90            | 30.21                         | 0.17    | 7.02          | 11.96                   | 21.42           | 0.01           |
| SQU-US         | 2025-10-25 16:30:00 | 6.89            | 30.06                         | 0.17    | 7.00          | 11.99                   | 20.18           | 0.01           |
| SQU-US         | 2025-10-25 16:45:00 | 6.89            | 30.69                         | 0.17    | 7.02          | 11.94                   | 20.07           | 0.01           |
| SQU-US         | 2025-10-25 17:00:00 |                 | 30.58                         |         |               | 11.91                   |                 | 0.01           |
| SQU-US         | 2025-10-25 17:15:00 | 6.88            | 30.20                         | 0.17    | 6.99          | 11.88                   | 23.27           | 0.01           |
| SQU-US         | 2025-10-25 17:30:00 | 6.88            | 30.64                         | 0.17    | 7.04          | 11.89                   | 17.79           | 0.01           |
| SQU-US         | 2025-10-25 17:45:00 | 6.86            | 29.57                         | 0.17    | 7.04          | 11.95                   | 16.61           | 0.01           |
| SQU-US         | 2025-10-25 18:00:00 | 6.86            | 29.96                         | 0.17    | 7.03          | 11.95                   | 14.58           | 0.01           |
| SQU-US         | 2025-10-25 18:15:00 | 6.86            | 30.02                         | 0.17    | 7.03          | 11.95                   | 19.14           | 0.01           |
| SQU-US         | 2025-10-25 18:30:00 | 6.84            | 30.23                         | 0.18    | 7.03          | 11.97                   | 18.36           | 0.01           |
| SQU-US         | 2025-10-25 18:45:00 | 6.82            | 31.10                         | 0.17    | 7.06          | 11.94                   | 13.94           | 0.01           |
| SQU-US         | 2025-10-25 19:00:00 | 6.82            | 31.10                         | 0.18    | 7.03          | 11.91                   | 13.39           | 0.01           |
| SQU-US         | 2025-10-25 19:15:00 | 6.82            | 30.34                         | 0.17    | 7.07          | 11.92                   | 14.28           | 0.01           |
| SQU-US         | 2025-10-25 19:30:00 | 6.81            | 31.74                         | 0.17    | 7.04          | 11.89                   | 14.46           | 0.01           |
| SQU-US         | 2025-10-25 19:45:00 | 6.80            | 31.62                         | 0.17    | 7.08          | 11.83                   | 15.44           | 0.01           |
| SQU-US         | 2025-10-25 20:00:00 |                 | 32.03                         |         |               | 11.83                   |                 | 0.01           |
| SQU-US         | 2025-10-25 20:15:00 | 6.80            | 31.94                         | 0.17    | 7.05          | 11.76                   | 13.99           | 0.01           |
| SQU-US         | 2025-10-25 20:30:00 | 6.80            | 31.46                         | 0.17    | 6.98          | 11.71                   | 14.27           | 0.01           |
| SQU-US         | 2025-10-25 20:45:00 | 6.80            | 29.06                         | 0.16    | 7.05          | 11.65                   | 13.11           | 0.01           |
| SQU-US         | 2025-10-25 21:00:00 |                 | 29.16                         |         |               | 11.61                   |                 | 0.01           |
| SQU-US         | 2025-10-25 21:15:00 | 6.79            | 27.40                         | 0.15    | 7.01          | 11.58                   | 13.41           | 0.01           |
| SQU-US         | 2025-10-25 21:30:00 | 6.80            | 26.82                         | 0.15    | 7.02          | 11.55                   | 15.90           | 0.01           |
| SQU-US         | 2025-10-25 21:45:00 | 6.78            | 27.27                         | 0.15    | 7.02          | 11.50                   | 14.62           | 0.01           |
| SQU-US         | 2025-10-25 22:00:00 | 6.78            | 25.85                         | 0.14    | 7.04          | 11.50                   | 15.52           | 0.01           |
| SQU-US         | 2025-10-25 22:15:00 | 6.78            | 24.59                         | 0.14    | 7.01          | 11.36                   | 14.37           | 0.01           |
| SQU-US         | 2025-10-25 22:30:00 | 6.78            | 24.09                         | 0.15    | 6.95          | 11.48                   | 24.96           | 0.01           |
| SQU-US         | 2025-10-25 22:45:00 | 6.77            | 24.63                         | 0.15    | 6.99          | 11.48                   | 20.48           | 0.01           |
| SQU-US         | 2025-10-25 23:00:00 | 6.76            | 25.21                         | 0.15    | 7.00          | 11.71                   | 22.29           | 0.01           |
| SQU-US         | 2025-10-25 23:15:00 | 6.75            | 24.36                         | 0.15    | 7.01          | 11.83                   | 17.16           | 0.01           |
| SQU-US         | 2025-10-25 23:30:00 | 6.74            | 23.84                         | 0.15    | 7.01          | 11.87                   | 20.95           | 0.01           |
| SQU-US         | 2025-10-25 23:45:00 | 6.74            | 22.69                         | 0.15    | 6.98          | 11.87                   | 22.93           | 0.01           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-26 00:00:00 | 6.73            | 21.35                         | 0.15    | 6.96          | 11.89                   | 17.98           | 0.01           |
| SQU-US         | 2025-10-26 00:15:00 | 6.72            | 20.92                         | 0.15    | 7.00          | 11.90                   | 17.35           | 0.01           |
| SQU-US         | 2025-10-26 00:30:00 | 6.71            | 21.39                         | 0.15    | 7.00          | 11.92                   | 18.15           | 0.01           |
| SQU-US         | 2025-10-26 00:45:00 | 6.71            | 22.55                         | 0.15    | 6.98          | 11.92                   | 23.42           | 0.01           |
| SQU-US         | 2025-10-26 01:00:00 | 6.69            | 22.76                         | 0.15    | 6.98          | 11.93                   | 17.94           | 0.01           |
| SQU-US         | 2025-10-26 01:15:00 | 6.68            | 22.45                         | 0.15    | 7.02          | 11.95                   | 18.13           | 0.01           |
| SQU-US         | 2025-10-26 01:30:00 | 6.66            | 22.03                         | 0.15    | 6.97          | 11.97                   | 33.19           | 0.01           |
| SQU-US         | 2025-10-26 01:45:00 | 6.65            | 21.87                         | 0.15    | 7.02          | 12.00                   | 21.47           | 0.01           |
| SQU-US         | 2025-10-26 02:00:00 | 6.64            | 21.56                         | 0.15    | 7.01          | 11.99                   | 18.35           | 0.01           |
| SQU-US         | 2025-10-26 02:15:00 | 6.63            | 21.65                         | 0.14    | 7.05          | 12.01                   | 18.31           | 0.01           |
| SQU-US         | 2025-10-26 02:30:00 | 6.63            | 21.55                         | 0.15    | 7.02          | 12.02                   | 22.31           | 0.01           |
| SQU-US         | 2025-10-26 02:45:00 | 6.63            | 21.44                         | 0.15    | 7.02          | 12.04                   | 23.31           | 0.01           |
| SQU-US         | 2025-10-26 03:00:00 | 6.62            | 20.94                         | 0.15    | 7.01          | 12.04                   | 24.98           | 0.01           |
| SQU-US         | 2025-10-26 03:15:00 | 6.62            | 20.69                         | 0.15    | 7.00          | 12.03                   | 26.51           | 0.01           |
| SQU-US         | 2025-10-26 03:30:00 | 6.62            | 20.48                         | 0.15    | 7.06          | 12.05                   | 50.57           | 0.01           |
| SQU-US         | 2025-10-26 03:45:00 | 6.62            | 20.21                         | 0.15    | 7.02          | 12.09                   | 25.01           | 0.01           |
| SQU-US         | 2025-10-26 04:00:00 | 6.62            | 20.03                         | 0.15    | 7.00          | 12.10                   | 22.64           | 0.01           |
| SQU-US         | 2025-10-26 04:15:00 | 6.61            | 20.07                         | 0.15    | 6.99          | 12.11                   | 22.91           | 0.01           |
| SQU-US         | 2025-10-26 04:30:00 | 6.60            | 20.12                         | 0.15    | 7.00          | 12.10                   | 23.66           | 0.01           |
| SQU-US         | 2025-10-26 04:45:00 | 6.61            | 19.87                         | 0.15    | 7.00          | 12.16                   | 51.16           | 0.01           |
| SQU-US         | 2025-10-26 05:00:00 | 6.60            | 19.73                         | 0.15    | 7.02          | 12.17                   | 24.25           | 0.01           |
| SQU-US         | 2025-10-26 05:15:00 | 6.59            | 20.29                         | 0.15    | 7.06          | 12.26                   | 49.33           | 0.01           |
| SQU-US         | 2025-10-26 05:30:00 | 6.59            | 20.28                         | 0.15    | 7.01          | 12.27                   | 24.27           | 0.01           |
| SQU-US         | 2025-10-26 05:45:00 | 6.58            | 22.21                         | 0.15    | 7.02          | 12.12                   | 22.71           | 0.01           |
| SQU-US         | 2025-10-26 06:00:00 | 6.57            | 21.71                         | 0.16    | 7.03          | 12.18                   | 21.50           | 0.01           |
| SQU-US         | 2025-10-26 06:15:00 | 6.56            | 23.36                         | 0.16    | 7.00          | 12.26                   | 21.14           | 0.01           |
| SQU-US         | 2025-10-26 06:30:00 | 6.57            | 22.18                         | 0.16    | 6.99          | 12.33                   | 25.37           | 0.01           |
| SQU-US         | 2025-10-26 06:45:00 | 6.57            | 21.56                         | 0.16    | 6.99          | 12.28                   | 20.13           | 0.01           |
| SQU-US         | 2025-10-26 07:00:00 | 6.56            | 21.00                         | 0.16    | 7.02          | 12.22                   | 24.98           | 0.01           |
| SQU-US         | 2025-10-26 07:15:00 | 6.57            | 20.95                         | 0.16    | 7.00          | 12.18                   | 20.68           | 0.01           |
| SQU-US         | 2025-10-26 07:30:00 | 6.57            | 21.19                         | 0.16    | 7.01          | 12.19                   | 17.27           | 0.01           |
| SQU-US         | 2025-10-26 07:45:00 | 6.57            | 21.59                         | 0.16    | 7.04          | 12.15                   | 18.34           | 0.01           |
| SQU-US         | 2025-10-26 08:00:00 | 6.57            | 22.03                         | 0.16    | 7.05          | 12.12                   | 15.78           | 0.01           |
| SQU-US         | 2025-10-26 08:15:00 | 6.56            | 22.21                         | 0.16    | 7.07          | 12.08                   | 21.26           | 0.01           |
| SQU-US         | 2025-10-26 08:30:00 | 6.57            | 20.85                         | 0.16    | 7.08          | 11.89                   | 12.96           | 0.01           |
| SQU-US         | 2025-10-26 08:45:00 | 6.57            | 19.67                         | 0.16    | 7.12          | 11.69                   | 13.71           | 0.01           |
| SQU-US         | 2025-10-26 09:00:00 | 6.57            | 19.01                         | 0.16    | 7.15          | 11.68                   | 13.45           | 0.01           |
| SQU-US         | 2025-10-26 09:15:00 | 6.58            | 18.49                         | 0.16    | 7.17          | 11.61                   | 9.56            | 0.01           |
| SQU-US         | 2025-10-26 09:30:00 | 6.59            | 18.24                         | 0.16    | 7.29          | 11.44                   | 11.00           | 0.01           |
| SQU-US         | 2025-10-26 09:45:00 | 6.60            | 18.08                         | 0.15    | 7.36          | 11.16                   | 9.85            | 0.01           |
| SQU-US         | 2025-10-26 10:00:00 | 6.61            | 18.03                         | 0.17    | 7.12          | 11.21                   | 14.72           | 0.01           |
| SQU-US         | 2025-10-26 10:15:00 | 6.61            | 19.18                         | 0.17    | 7.10          | 11.22                   | 9.24            | 0.01           |
| SQU-US         | 2025-10-26 10:30:00 | 6.61            | 23.35                         | 0.17    | 7.07          | 11.11                   | 7.78            | 0.01           |
| SQU-US         | 2025-10-26 10:45:00 | 6.62            | 31.03                         | 0.17    | 7.08          | 12.20                   | 8.97            | 0.01           |
| SQU-US         | 2025-10-26 11:00:00 | 6.63            | 31.13                         | 0.17    | 7.06          | 12.36                   | 9.99            | 0.01           |
| SQU-US         | 2025-10-26 11:15:00 | 6.64            | 31.94                         | 0.17    | 7.07          | 12.41                   | 7.77            | 0.01           |
| SQU-US         | 2025-10-26 11:30:00 | 6.66            | 32.74                         | 0.17    | 7.08          | 12.39                   | 7.08            | 0.01           |
| SQU-US         | 2025-10-26 11:45:00 | 6.68            | 34.14                         | 0.17    | 7.10          | 12.36                   | 9.95            | 0.01           |
| SQU-US         | 2025-10-26 12:00:00 | 6.69            | 34.29                         | 0.17    | 7.07          | 12.35                   | 7.39            | 0.01           |
| SQU-US         | 2025-10-26 12:15:00 | 6.71            | 34.70                         | 0.17    | 7.08          | 12.31                   | 6.48            | 0.01           |
| SQU-US         | 2025-10-26 12:30:00 | 6.72            | 34.73                         | 0.17    | 7.00          | 12.29                   | 7.14            | 0.01           |
| SQU-US         | 2025-10-26 12:45:00 | 6.75            | 35.11                         | 0.16    | 7.03          | 12.26                   | 5.70            | 0.02           |

| Squamish River |                     |                 |                               |         |               |                         |                 |                |
|----------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station        | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| SQU-US         | 2025-10-26 13:00:00 |                 | 34.56                         |         |               | 12.25                   |                 | 0.01           |
| SQU-US         | 2025-10-26 13:15:00 | 6.76            | 34.82                         | 0.16    | 7.01          | 12.24                   | 5.78            | 0.01           |
| SQU-US         | 2025-10-26 13:30:00 | 6.77            | 35.09                         | 0.16    | 7.00          | 12.20                   | 5.46            | 0.02           |
| SQU-US         | 2025-10-26 13:45:00 | 6.78            | 34.77                         | 0.15    | 7.01          | 12.19                   | 5.43            | 0.01           |
| SQU-US         | 2025-10-26 14:00:00 | 6.80            | 35.13                         | 0.15    | 7.03          | 12.18                   | 5.22            | 0.02           |
| SQU-US         | 2025-10-26 14:15:00 | 6.82            | 35.81                         | 0.15    | 7.06          | 12.14                   | 4.76            | 0.02           |
| SQU-US         | 2025-10-26 14:30:00 | 6.82            | 35.55                         | 0.15    | 7.02          | 12.14                   | 5.03            | 0.02           |
| SQU-US         | 2025-10-26 14:45:00 | 6.84            | 34.97                         | 0.14    | 7.04          | 12.14                   | 4.14            | 0.01           |
| SQU-US         | 2025-10-26 15:00:00 | 6.87            | 35.49                         | 0.15    | 7.03          | 12.13                   | 4.69            | 0.02           |
| SQU-US         | 2025-10-26 15:15:00 | 6.90            | 35.36                         | 0.15    | 7.03          | 12.13                   | 4.35            | 0.02           |
| SQU-US         | 2025-10-26 15:30:00 | 6.91            | 35.66                         | 0.15    | 7.03          | 12.12                   | 4.24            | 0.02           |
| SQU-US         | 2025-10-26 15:45:00 | 6.90            | 35.35                         | 0.15    | 7.04          | 12.12                   | 4.46            | 0.02           |
| SQU-US         | 2025-10-26 16:00:00 | 6.91            | 35.47                         | 0.15    | 7.06          | 12.12                   | 3.91            | 0.02           |
| SQU-US         | 2025-10-26 16:15:00 | 6.91            | 35.34                         | 0.15    | 7.04          | 12.12                   | 3.50            | 0.02           |
| SQU-US         | 2025-10-26 16:30:00 | 6.90            | 35.21                         | 0.15    | 7.04          | 12.12                   | 4.23            | 0.02           |
| SQU-US         | 2025-10-26 16:45:00 | 6.89            | 33.73                         | 0.15    | 7.03          | 12.12                   | 3.91            | 0.01           |
| SQU-US         | 2025-10-26 17:00:00 | 6.88            | 33.71                         | 0.15    | 7.09          | 12.12                   | 3.97            | 0.01           |
| SQU-US         | 2025-10-26 17:15:00 | 6.87            | 34.45                         | 0.15    | 7.05          | 12.13                   | 4.29            | 0.01           |
| SQU-US         | 2025-10-26 17:30:00 | 6.85            | 34.76                         | 0.15    | 7.08          | 12.13                   | 3.73            | 0.01           |
| SQU-US         | 2025-10-26 17:45:00 | 6.84            | 34.89                         | 0.15    | 7.04          | 12.12                   | 3.57            | 0.01           |
| SQU-US         | 2025-10-26 18:00:00 | 6.81            | 33.37                         | 0.15    | 7.05          | 12.13                   | 4.07            | 0.01           |
| SQU-US         | 2025-10-26 18:15:00 | 6.79            | 33.83                         | 0.15    | 7.08          | 12.13                   | 3.56            | 0.01           |
| SQU-US         | 2025-10-26 18:30:00 | 6.77            | 33.73                         | 0.15    | 7.07          | 12.15                   | 3.59            | 0.01           |
| SQU-US         | 2025-10-26 18:45:00 | 6.76            | 34.24                         | 0.15    | 7.08          | 12.14                   | 3.51            | 0.01           |
| SQU-US         | 2025-10-26 19:00:00 | 6.73            | 33.34                         | 0.15    | 7.06          | 12.14                   | 3.49            | 0.01           |
| SQU-US         | 2025-10-26 19:15:00 | 6.72            | 33.42                         | 0.15    | 7.07          | 12.13                   | 3.07            | 0.01           |
| SQU-US         | 2025-10-26 19:30:00 | 6.72            | 33.12                         | 0.15    | 7.06          | 12.15                   | 3.65            | 0.01           |
| SQU-US         | 2025-10-26 19:45:00 | 6.72            | 33.57                         | 0.16    | 7.05          | 12.13                   | 3.14            | 0.01           |
| SQU-US         | 2025-10-26 20:00:00 | 6.71            | 33.97                         | 0.15    | 7.09          | 12.13                   | 3.33            | 0.01           |
| SQU-US         | 2025-10-26 20:15:00 | 6.70            | 33.86                         | 0.16    | 7.05          | 12.13                   | 3.61            | 0.01           |
| SQU-US         | 2025-10-26 20:30:00 | 6.68            | 33.81                         | 0.15    | 7.07          | 12.13                   | 3.04            | 0.01           |
| SQU-US         | 2025-10-26 20:45:00 | 6.66            | 33.95                         | 0.15    | 7.07          | 12.13                   | 2.88            | 0.01           |
| SQU-US         | 2025-10-26 21:00:00 | 6.64            | 35.04                         | 0.16    | 7.04          | 12.13                   | 3.91            | 0.01           |
| SQU-US         | 2025-10-26 21:15:00 | 6.63            | 34.71                         | 0.15    | 7.07          | 12.12                   | 2.84            | 0.01           |
| SQU-US         | 2025-10-26 21:30:00 | 6.60            | 35.05                         | 0.15    | 7.06          | 12.14                   | 2.94            | 0.01           |
| SQU-US         | 2025-10-26 21:45:00 | 6.58            | 33.88                         | 0.15    | 7.06          | 12.13                   | 2.92            | 0.01           |
| SQU-US         | 2025-10-26 22:00:00 | 6.56            | 32.95                         | 0.15    | 7.05          | 12.14                   | 3.14            | 0.01           |
| SQU-US         | 2025-10-26 22:15:00 | 6.56            | 31.79                         | 0.15    | 7.04          | 12.15                   | 3.15            | 0.01           |
| SQU-US         | 2025-10-26 22:30:00 | 6.55            | 30.42                         | 0.15    | 7.04          | 12.13                   | 2.96            | 0.01           |
| SQU-US         | 2025-10-26 22:45:00 | 6.54            | 29.31                         | 0.15    | 7.05          | 12.09                   | 3.03            | 0.01           |
| SQU-US         | 2025-10-26 23:00:00 | 6.53            | 27.96                         | 0.15    | 7.09          | 12.09                   | 2.82            | 0.01           |
| SQU-US         | 2025-10-26 23:15:00 | 6.53            | 27.86                         | 0.15    | 7.05          | 12.10                   | 2.44            | 0.01           |
| SQU-US         | 2025-10-26 23:30:00 | 6.53            | 27.65                         | 0.15    | 7.09          | 12.05                   | 2.43            | 0.01           |
| SQU-US         | 2025-10-26 23:45:00 | 6.51            | 27.67                         | 0.15    | 7.04          | 11.99                   | 2.58            | 0.01           |



|                                                                                                                                                                                      |                |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------|
|  <b>Eagle Mountain - Woodfibre Gas Pipeline Project<br/>Waste Discharge Permit PE-110163 Report</b> | Reporting Week | Oct 20 <sup>th</sup> to Oct 26 <sup>th</sup> , 2025 |
|                                                                                                                                                                                      | Report #       | 83                                                  |
|                                                                                                                                                                                      | Appendix C     | C-1                                                 |

## Appendix C: Woodfibre Site Point of Discharge from Water Treatment Plant Documentation

|                                                                                                                                                                                      |                |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------|
|  <b>Eagle Mountain - Woodfibre Gas Pipeline Project<br/>Waste Discharge Permit PE-110163 Report</b> | Reporting Week | Oct 20 <sup>th</sup> to Oct 26 <sup>th</sup> , 2025 |
|                                                                                                                                                                                      | Report #       | 83                                                  |
|                                                                                                                                                                                      | Appendix C     | C-2                                                 |

# Woodfibre Site Sample Analysis





| Analyte                                  | Unit     | BC Approved Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life -<br>Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life -<br>Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic Life -<br>Long Term Average | WLNG EOP<br>2025-10-21<br>09:12:00 |
|------------------------------------------|----------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|
| In situ Parameters                       |          |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    |                                    |
| Field pH                                 | pH Units | 6.5 - 9                                                                                 | 6.5 - 9                                                                              |                                                                                        | 7 - 8.7                                                                             |                                                                                  |                                                                                    | 7.54                               |
| Field Temperature                        | °C       | 18                                                                                      | 19                                                                                   |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 11.9                               |
| General Parameters                       |          |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    |                                    |
| pH                                       | pH Units |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 7.01                               |
| Alkalinity (Total as CaCO <sub>3</sub> ) | mg/L     |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 52                                 |
| Alkalinity (PP as CaCO <sub>3</sub> )    | mg/L     |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <1                                 |
| Hardness (CaCO <sub>3</sub> )-Total      | mg/L     |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 55.9                               |
| Hardness (CaCO <sub>3</sub> )-Dissolved  | mg/L     |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 58.3                               |
| Sulphide-Total                           | mg/L     |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0018                            |
| Sulphide (as H <sub>2</sub> S)           | mg/L     |                                                                                         |                                                                                      | 0.002                                                                                  |                                                                                     |                                                                                  |                                                                                    | <0.002                             |
| Anions and Nutrients                     |          |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    |                                    |
| Ammonia (N)-Total                        | mg/L     | 1.82                                                                                    | 11                                                                                   |                                                                                        | 7.8                                                                                 | 52                                                                               |                                                                                    | <0.015                             |
| Bicarbonate (HCO <sub>3</sub> )          | mg/L     |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 64                                 |
| Carbonate (CO <sub>3</sub> )             | mg/L     |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <1                                 |
| Hydroxide (OH)                           | mg/L     |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <1                                 |
| Nitrate (N)                              | mg/L     | 3                                                                                       | 32.8                                                                                 |                                                                                        | 3.7                                                                                 |                                                                                  |                                                                                    | <0.02                              |
| Nitrite (N)                              | mg/L     | 0.2                                                                                     | 0.6                                                                                  |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.005                             |
| Nitrate plus Nitrite (N)                 | mg/L     |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.02                              |
| Nitrogen (N)-Total                       | mg/L     |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.184                              |
| Phosphorus (P)-Total (4500-P)            | mg/L     |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0077                             |
| Bromide (Br)                             | mg/L     |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.01                              |
| Chloride (Cl)                            | mg/L     | 150                                                                                     | 600                                                                                  |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 14                                 |
| Fluoride (F)                             | mg/L     |                                                                                         | 1.1                                                                                  |                                                                                        |                                                                                     | 1.5                                                                              |                                                                                    | 0.28                               |
| Sulphate (SO <sub>4</sub> )-Dissolved    | mg/L     | 218                                                                                     |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 12                                 |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

<sup>3</sup> **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per <sup>1</sup> and <sup>2</sup> above. Note: Not all exceedances are project related.



| Analyte                      | Unit | BC Approved Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life -<br>Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life -<br>Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic Life -<br>Long Term Average | WLNG EOP<br>2025-10-21<br>09:12:00 |
|------------------------------|------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|
| Total Metals                 |      |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    |                                    |
| Aluminum (Al)-Total          | mg/L | 0.101547                                                                                |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.266                              |
| Antimony (Sb)-Total          | mg/L | 0.074                                                                                   | 0.25                                                                                 |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.000781                           |
| Arsenic (As)-Total           | mg/L | 0.005                                                                                   |                                                                                      |                                                                                        | 0.0125                                                                              |                                                                                  |                                                                                    | 0.00133                            |
| Barium (Ba)-Total            | mg/L |                                                                                         |                                                                                      | 1                                                                                      |                                                                                     |                                                                                  |                                                                                    | 0.0114                             |
| Beryllium (Be)-Total         | mg/L |                                                                                         |                                                                                      | 0.00013                                                                                |                                                                                     |                                                                                  | 0.1                                                                                | <0.00001                           |
| Bismuth (Bi)-Total           | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00001                           |
| Boron (B)-Total              | mg/L | 1.2                                                                                     |                                                                                      |                                                                                        | 1.2                                                                                 |                                                                                  |                                                                                    | 0.016                              |
| Cadmium (Cd)-Total           | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  | 0.00012                                                                            | 0.0000104                          |
| Calcium (Ca)-Total           | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 20.8                               |
| Cesium (Cs)-Total            | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00005                           |
| Chromium (Cr)-Total          | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0001                            |
| Chromium (Cr III)-Total      | mg/L |                                                                                         |                                                                                      | 0.0089                                                                                 |                                                                                     |                                                                                  | 0.056                                                                              | <0.00099                           |
| Chromium (Cr VI)-Total       | mg/L |                                                                                         |                                                                                      | 0.0025                                                                                 |                                                                                     |                                                                                  | 0.0015                                                                             | <0.00099                           |
| Cobalt (Co)-Total            | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.000054                           |
| Copper (Cu)-Total            | mg/L |                                                                                         |                                                                                      |                                                                                        | 0.002                                                                               | 0.003                                                                            |                                                                                    | 0.0006                             |
| Iron (Fe)-Total              | mg/L |                                                                                         | 1                                                                                    |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.12                               |
| Lead (Pb)-Total              | mg/L |                                                                                         |                                                                                      |                                                                                        | 0.002                                                                               | 0.14                                                                             |                                                                                    | 0.000084                           |
| Lithium (Li)-Total           | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0065                             |
| Magnesium (Mg)-Total         | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.97                               |
| Manganese (Mn)-Total         | mg/L | 0.851                                                                                   | 1.156                                                                                |                                                                                        |                                                                                     |                                                                                  | 0.1                                                                                | 0.03                               |
| Mercury (Hg)-Total           | mg/L | 0.00002                                                                                 |                                                                                      |                                                                                        | 0.00002                                                                             |                                                                                  |                                                                                    | <0.0000019                         |
| Molybdenum (Mo)-Total        | mg/L | 7.6                                                                                     | 46                                                                                   |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0273                             |
| Nickel (Ni)-Total            | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  | 0.0083                                                                             | 0.00016                            |
| Phosphorus (P)-Total (ICPMS) | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0066                             |
| Potassium (K)-Total          | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 2.53                               |
| Rubidium (Rb)-Total          | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.00478                            |
| Selenium (Se)-Total          | mg/L | 0.002                                                                                   |                                                                                      |                                                                                        | 0.002                                                                               |                                                                                  |                                                                                    | 0.00005                            |
| Silicon (Si)-Total           | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 6.4                                |
| Silver (Ag)-Total            | mg/L | 0.00012                                                                                 |                                                                                      |                                                                                        | 0.0005                                                                              | 0.0037                                                                           | 0.0005                                                                             | <0.00001                           |
| Sodium (Na)-Total            | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 7.82                               |
| Strontium (Sr)-Total         | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0452                             |
| Sulphur (S)-Total            | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 4.4                                |
| Tellurium (Te)-Total         | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00002                           |
| Thallium (Tl)-Total          | mg/L |                                                                                         |                                                                                      | 0.00003                                                                                |                                                                                     |                                                                                  |                                                                                    | 0.0000124                          |
| Thorium (Th)-Total           | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00005                           |
| Tin (Sn)-Total               | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0002                            |
| Titanium (Ti)-Total          | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0062                             |
| Uranium (U)-Total            | mg/L |                                                                                         | 0.0165                                                                               | 0.0075                                                                                 |                                                                                     |                                                                                  |                                                                                    | 0.000379                           |
| Vanadium (V)-Total           | mg/L |                                                                                         |                                                                                      | 0.06                                                                                   |                                                                                     |                                                                                  | 0.005                                                                              | <0.0002                            |
| Zinc (Zn)-Total              | mg/L |                                                                                         |                                                                                      |                                                                                        | 0.01                                                                                | 0.055                                                                            |                                                                                    | 0.0032                             |
| Zirconium (Zr)-Total         | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0001                            |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

<sup>3</sup> **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per <sup>1</sup> and <sup>2</sup> above. Note: Not all exceedances are project related.



| Analyte                   | Unit | BC Approved Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life -<br>Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life -<br>Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic Life -<br>Long Term Average | WLNG EOP<br>2025-10-21<br>09:12:00 |
|---------------------------|------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|
| Dissolved Metals          |      |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    |                                    |
| Aluminum (Al)-Dissolved   | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0422                             |
| Antimony (Sb)-Dissolved   | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.000818                           |
| Arsenic (As)-Dissolved    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.00134                            |
| Barium (Ba)-Dissolved     | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.00978                            |
| Beryllium (Be)-Dissolved  | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00001                           |
| Bismuth (Bi)-Dissolved    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.000005                          |
| Boron (B)-Dissolved       | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.017                              |
| Cadmium (Cd)-Dissolved    | mg/L | 0.000138                                                                                | 0.000323                                                                             |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0000105                          |
| Calcium (Ca)-Dissolved    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 21.7                               |
| Cesium (Cs)-Dissolved     | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00005                           |
| Chromium (Cr)-Dissolved   | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0001                            |
| Cobalt (Co)-Dissolved     | mg/L | 0.000401                                                                                |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0000354                          |
| Copper (Cu)-Dissolved     | mg/L | 0.0003                                                                                  | 0.00183                                                                              |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.000159                           |
| Iron (Fe)-Dissolved       | mg/L |                                                                                         | 0.35                                                                                 |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| Lead (Pb)-Dissolved       | mg/L | 0.002008                                                                                |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.000005                          |
| Lithium (Li)-Dissolved    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.00702                            |
| Manganese (Mn)-Dissolved  | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0292                             |
| Magnesium (Mg)-Dissolved  | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.967                              |
| Mercury (Hg)-Dissolved    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0000019                         |
| Molybdenum (Mo)-Dissolved | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0298                             |
| Nickel (Ni)-Dissolved     | mg/L | 0.0011                                                                                  | 0.0177                                                                               |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.00018                            |
| Phosphorus (P)-Dissolved  | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0052                             |
| Potassium (K)-Dissolved   | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 2.57                               |
| Rubidium (Rb)-Dissolved   | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.00481                            |
| Selenium (Se)-Dissolved   | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.00005                            |
| Silicon (Si)-Dissolved    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 6.47                               |
| Silver (Ag)-Dissolved     | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.000005                          |
| Sodium (Na)-Dissolved     | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 8.28                               |
| Strontium (Sr)-Dissolved  | mg/L |                                                                                         |                                                                                      | 1.25                                                                                   |                                                                                     |                                                                                  |                                                                                    | 0.0467                             |
| Sulphur (S)-Dissolved     | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 4.3                                |
| Tellurium (Te)-Dissolved  | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00002                           |
| Thallium (Tl)-Dissolved   | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.000013                           |
| Thorium (Th)-Dissolved    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0000058                          |
| Tin (Sn)-Dissolved        | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0002                            |
| Titanium (Ti)-Dissolved   | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| Uranium (U)-Dissolved     | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.000286                           |
| Vanadium (V)-Dissolved    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0002                            |
| Zinc (Zn)-Dissolved       | mg/L | 0.00531                                                                                 | 0.025235                                                                             |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.00253                            |
| Zirconium (Zr)-Dissolved  | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0001                            |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

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| Analyte                      | Unit | BC Approved Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life -<br>Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life -<br>Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic Life -<br>Long Term Average | WLNG EOP<br>2025-10-21<br>09:12:00 |
|------------------------------|------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|
| Inorganics                   |      |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    |                                    |
| Organic Carbon (C)-Total     | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 1.4                                |
| Organic Carbon (C)-Dissolved | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 1.2                                |
| Solids-Total Dissolved       | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 100                                |
| Solids-Total Suspended       | mg/L | 6.6                                                                                     | 26.6                                                                                 |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 9.6                                |
| Organics                     |      |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    |                                    |
| HEPH (C19-C32 less PAH)      | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.2                               |
| LEPH (C10-C19 less PAH)      | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.2                               |
| EPH (C10-C19)                | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.2                               |
| EPH (C19-C32)                | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.2                               |
| Ethylene Glycol              | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <3                                 |
| Diethylene Glycol            | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <5                                 |
| Triethylene Glycol           | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <5                                 |
| Propylene Glycol             | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <5                                 |
| Acenaphthene                 | mg/L | 0.006                                                                                   |                                                                                      |                                                                                        | 0.006                                                                               |                                                                                  |                                                                                    | <0.00005                           |
| Acenaphthylene               | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00005                           |
| Acridine                     | mg/L | 0.003                                                                                   |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00005                           |
| Anthracene                   | mg/L | 0.004                                                                                   |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00001                           |
| Benzo(a)anthracene           | mg/L | 0.0001                                                                                  |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00001                           |
| Benzo(a)pyrene               | mg/L | 0.00001                                                                                 |                                                                                      |                                                                                        | 0.00001                                                                             |                                                                                  |                                                                                    | <0.000005                          |
| Benzo(b&j)fluoranthene       | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00003                           |
| Benzo(g,h,i)perylene         | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00005                           |
| Benzo(k)fluoranthene         | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00005                           |
| Chrysene                     | mg/L |                                                                                         |                                                                                      |                                                                                        | 0.0001                                                                              |                                                                                  |                                                                                    | <0.00002                           |
| Dibenz(a,h)anthracene        | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.000003                          |
| Fluoranthene                 | mg/L | 0.004                                                                                   |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00002                           |
| Fluorene                     | mg/L | 0.012                                                                                   |                                                                                      |                                                                                        | 0.012                                                                               |                                                                                  |                                                                                    | <0.00005                           |
| Indeno(1,2,3-cd)pyrene       | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00005                           |
| 1-Methylnaphthalene          | mg/L |                                                                                         |                                                                                      |                                                                                        | 0.001                                                                               |                                                                                  |                                                                                    | <0.00005                           |
| 2-Methylnaphthalene          | mg/L |                                                                                         |                                                                                      |                                                                                        | 0.001                                                                               |                                                                                  |                                                                                    | <0.0001                            |
| Naphthalene                  | mg/L | 0.001                                                                                   | 0.001                                                                                |                                                                                        | 0.001                                                                               |                                                                                  |                                                                                    | <0.0001                            |
| Phenanthrene                 | mg/L | 0.0003                                                                                  |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00005                           |
| Pyrene                       | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00002                           |
| Quinoline                    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00002                           |
| Low Molecular Weight PAH`s   | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0001                            |
| High Molecular Weight PAH`s  | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.00005                           |
| Total PAH                    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0001                            |
| VH C6-C10                    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.3                               |
| 1,1,1,2-Tetrachloroethane    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| 1,1,1-Trichloroethane        | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| 1,1,2,2-Tetrachloroethane    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

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|-------------------------------------|------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|
| Organics (cont'd.)                  |      |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    |                                    |
| 1,1,2Trichloro-1,2,2Trifluoroethane | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.002                             |
| 1,1,2- Trichloroethane              | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| 1,1- Dichloroethane                 | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| 1,1- Dichloroethene                 | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| 1,2,3-trichlorobenzene              | mg/L |                                                                                         |                                                                                      | 0.008                                                                                  |                                                                                     |                                                                                  |                                                                                    | <0.002                             |
| 1,2,4-trichlorobenzene              | mg/L |                                                                                         |                                                                                      | 0.024                                                                                  |                                                                                     |                                                                                  | 0.0054                                                                             | <0.002                             |
| 1,2-dibromoethane                   | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0002                            |
| 1,2-Dichlorobenzene                 | mg/L |                                                                                         |                                                                                      | 0.0007                                                                                 |                                                                                     |                                                                                  | 0.042                                                                              | <0.0005                            |
| 1,2-Dichloroethane                  | mg/L |                                                                                         |                                                                                      | 0.1                                                                                    |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| 1,2-Dichloropropane                 | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| 1,3,5-trimethylbenzene              | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.002                             |
| 1,3-Butadiene                       | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| 1,3-Dichlorobenzene                 | mg/L |                                                                                         |                                                                                      | 0.15                                                                                   |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| 1,3-dichloropropane                 | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| 1,4-Dichlorobenzene                 | mg/L |                                                                                         |                                                                                      | 0.026                                                                                  |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| Benzene                             | mg/L | 0.04                                                                                    |                                                                                      |                                                                                        | 0.11                                                                                |                                                                                  |                                                                                    | <0.0004                            |
| Bromobenzene                        | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.002                             |
| Bromodichloromethane                | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| Bromoform                           | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| Bromomethane                        | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| Carbon tetrachloride                | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| Chlorobenzene                       | mg/L |                                                                                         |                                                                                      | 0.0013                                                                                 |                                                                                     |                                                                                  | 0.025                                                                              | <0.0005                            |
| Chloroethane                        | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| Chloroform                          | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| Chloromethane                       | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| cis-1,2-Dichloroethene              | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| cis-1,3-Dichloropropene             | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| Dibromochloromethane                | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| Dichlorodifluoromethane             | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.002                             |
| Dichloromethane                     | mg/L |                                                                                         |                                                                                      | 0.0981                                                                                 |                                                                                     |                                                                                  |                                                                                    | <0.002                             |
| Ethylbenzene                        | mg/L | 0.2                                                                                     |                                                                                      |                                                                                        | 0.25                                                                                |                                                                                  |                                                                                    | <0.0004                            |
| Hexachlorobutadiene                 | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| Isopropylbenzene                    | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.002                             |
| Methyl-tert-butylether (MTBE)       | mg/L |                                                                                         | 3.4                                                                                  |                                                                                        |                                                                                     | 0.44                                                                             |                                                                                    | <0.004                             |
| Styrene                             | mg/L |                                                                                         |                                                                                      | 0.072                                                                                  |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| Tetrachloroethene                   | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| Toluene                             | mg/L | 0.0005                                                                                  |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0004                            |
| trans-1,2-dichloroethene            | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| trans-1,3-dichloropropene           | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.001                             |
| Trichloroethene                     | mg/L |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

<sup>3</sup> **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per <sup>1</sup> and <sup>2</sup> above. Note: Not all exceedances are project related.

| Analyte                | Unit      | BC Approved Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life -<br>Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic Life -<br>Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic Life -<br>Long Term Average | WLNG EOP<br>2025-10-21<br>09:12:00 |
|------------------------|-----------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------|
| Organics (cont'd.)     |           |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    |                                    |
| Trichlorofluoromethane | mg/L      |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.004                             |
| Vinyl chloride         | mg/L      |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0005                            |
| VPH (VH6 to 10 - BTEX) | mg/L      |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.3                               |
| Xylenes (Total)        | mg/L      | 0.03                                                                                    |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0004                            |
| m & p-Xylene           | mg/L      |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0004                            |
| o-Xylene               | mg/L      |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | <0.0004                            |
| Phenols                | mg/L      |                                                                                         | 0.05                                                                                 |                                                                                        |                                                                                     |                                                                                  |                                                                                    | 0.0018                             |
| Rainbow Trout          |           |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    |                                    |
| LC50                   | % vol/vol |                                                                                         |                                                                                      |                                                                                        |                                                                                     |                                                                                  |                                                                                    | >100                               |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

<sup>3</sup> **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per <sup>1</sup> and <sup>2</sup> above. Note: Not all exceedances are project related.



|                                                                                                                                                                                      |                |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------|
|  <b>Eagle Mountain - Woodfibre Gas Pipeline Project<br/>Waste Discharge Permit PE-110163 Report</b> | Reporting Week | Oct 20 <sup>th</sup> to Oct 26 <sup>th</sup> , 2025 |
|                                                                                                                                                                                      | Report #       | 83                                                  |
|                                                                                                                                                                                      | Appendix C     | C-3                                                 |

## Woodfibre Site WTP Discharge Field Notes and Logs

Water Quality Field Data Sheet



Project: FORTIS11234

Location Information

|            |                    |       |                         |
|------------|--------------------|-------|-------------------------|
| Site ID:   | <u>WLNG EOP</u>    | Date: | <u>October 21, 2025</u> |
| Site Name: | <u>East Creek</u>  | Time: | <u>9:12</u>             |
| Crew:      | <u>ME, HM</u>      |       |                         |
| Weather:   | <u>Clear, 11°C</u> |       |                         |

In Situ Parameters

|            |             |           |              |        |                       |
|------------|-------------|-----------|--------------|--------|-----------------------|
| pH:        | <u>7.54</u> | DO:       | <u>-*</u>    | (mg/L) | *YSI DO not accurate. |
| Temp.:     | <u>11.9</u> | Cond:     | <u>224.7</u> | (us)   |                       |
| Turbidity: | <u>6.88</u> | Salinity: | <u>0.11</u>  | (ppt)  |                       |
|            |             | ORP:      | <u>7.6</u>   | (mV)   |                       |

Visible Sheen: NA  
Water Surface Condition: Clear

Photo Record

Photo



Observations

|  |
|--|
|  |
|  |
|  |
|  |
|  |



|                                                                                  |                                                |                                                                                     |          |
|----------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------|----------|
|  |                                                | <b>Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope</b>                 |          |
| <b>Title</b>                                                                     | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                                                    | <b>0</b> |
| <b>Data Date Range</b>                                                           | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b> SD<br><b>Approved by:</b> BC2<br><b>Date:</b> November 17, 2025 |          |

#### Table of Contents:

1. Executive Summary and Notes
2. Discharge Parameter Summary
3. WTP Calibration Log

#### Appendices:

- Appendix A- WTP Data Log
- Appendix B- YSI Data Log
- Appendix C- Photos

#### 1. Executive Summary and Field Notes:

The discharged water consistently remained within regulatory guidelines. The key parameters, including temperature, NTU, salinity, conductivity, and oxidation-reduction potential (ORP), were monitored throughout the discharge process and remained within the prescribed limits. No visible sheen observed on top of the WTP tanks and discharged water. All relevant parameters were measured using YSI instruments and WTP probes. The total discharge volume up to October 20 was 700,248 m<sup>3</sup>. Additionally, the pH probe malfunctioned and generated some erroneous readings, which may have resulted in inaccurate data, FKM verified the discharge water quality using a handheld pH meter until the new pH probe was received. The new PH prob was installed on October 21<sup>st</sup>.

#### **Daily Volume Summary:**

**Table 1: Discharge Volumes Daily Summary**

| Date         | Location       | Volume (m3) | Comments                        |
|--------------|----------------|-------------|---------------------------------|
| October 20   | Woodfibre (WF) | 2,422       | Exceeded discharge volume limit |
| October 21   | WF             | 2,420       | Exceeded discharge volume limit |
| October 22   | WF             | 2,518       | Exceeded discharge volume limit |
| October 23   | WF             | 2,494       | Exceeded discharge volume limit |
| October 24   | WF             | 2,580       | Exceeded discharge volume limit |
| October 25   | WF             | 2,748       | Exceeded discharge volume limit |
| October 26   | WF             | 2,841       | Exceeded discharge volume limit |
| <b>Total</b> |                | 18,023      | None                            |

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

## 2. Discharge Parameter Summary:

**Table 2: Discharge Parameter Summary**

| <b>Date</b> | <b>Time</b> | <b>Discharge pH</b> | <b>Flow Rate (m3)</b> | <b>Discharge NTU</b> | <b>Flow Total (m3)</b> | <b>Discharge Temperature (°C)</b> | <b>Discharge Conductivity (uS/cm)</b> |
|-------------|-------------|---------------------|-----------------------|----------------------|------------------------|-----------------------------------|---------------------------------------|
| 10/20/2025  | 0:00:00     | 6.8                 | 2.774                 | 1.4                  | 700,248                | 13.8                              | 285                                   |
| 10/20/2025  | 0:15:00     | 6.8                 | 2.354                 | 0.4                  | 700,289                | 13.4                              | 283                                   |
| 10/20/2025  | 0:30:00     | 6.8                 | 2.252                 | 0.7                  | 700,326                | 13.5                              | 283                                   |
| 10/20/2025  | 0:45:00     | 6.8                 | 2.767                 | 0.7                  | 700,346                | 13.5                              | 282                                   |
| 10/20/2025  | 1:15:00     | 6.9                 | 2.767                 | 0.8                  | 700,405                | 13.5                              | 283                                   |
| 10/20/2025  | 1:30:00     | 6.9                 | 2.740                 | 1.2                  | 700,446                | 13.4                              | 287                                   |
| 10/20/2025  | 1:45:00     | 6.8                 | 2.763                 | 0.9                  | 700,463                | 14                                | 288                                   |
| 10/20/2025  | 2:15:00     | 6.9                 | 2.362                 | 1.2                  | 700,516                | 13.6                              | 290                                   |
| 10/20/2025  | 2:30:00     | 6.8                 | 2.260                 | 3.9                  | 700,553                | 13.9                              | 292                                   |
| 10/20/2025  | 2:45:00     | 6.6                 | 2.771                 | 1.3                  | 700,577                | 14                                | 287                                   |
| 10/20/2025  | 3:00:00     | 6.6                 | 2.369                 | 0.3                  | 700,616                | 14.2                              | 289                                   |
| 10/20/2025  | 3:30:00     | 6.4                 | 2.759                 | 0.3                  | 700,678                | 14.2                              | 288                                   |
| 10/20/2025  | 3:45:00     | 6.4                 | 2.748                 | 0.7                  | 700,716                | 14.2                              | 288                                   |
| 10/20/2025  | 4:15:00     | 6.4                 | 2.362                 | 1.4                  | 700,779                | 14.1                              | 286                                   |
| 10/20/2025  | 4:45:00     | 6.4                 | 2.759                 | 1.9                  | 700,834                | 14.3                              | 286                                   |
| 10/20/2025  | 5:00:00     | 6.4                 | 2.460                 | 0.9                  | 700,872                | 14.2                              | 286                                   |
| 10/20/2025  | 5:15:00     | 6.4                 | 2.771                 | 1.8                  | 700,891                | 14.7                              | 284                                   |
| 10/20/2025  | 5:30:00     | 6.4                 | 2.744                 | 1                    | 700,933                | 14.2                              | 286                                   |
| 10/20/2025  | 5:45:00     | 6.4                 | 2.759                 | 1.7                  | 700,954                | 14.5                              | 288                                   |
| 10/20/2025  | 6:30:00     | 5.8                 | 2.271                 | 2.1                  | 701,039                | 14.8                              | 285                                   |
| 10/20/2025  | 6:45:00     | 6                   | 2.744                 | 1.5                  | 701,078                | 14.4                              | 283                                   |
| 10/20/2025  | 7:15:00     | 5.7                 | 2.755                 | 0.6                  | 701,139                | 15                                | 281                                   |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/20/2025 | 7:30:00  | 5.5          | 2.737          | 1.4           | 701,166         | 15.5                       | 279                            |
| 10/20/2025 | 7:45:00  | 5.6          | 2.759          | 0.1           | 701,204         | 14.6                       | 279                            |
| 10/20/2025 | 8:00:00  | 5.8          | 2.748          | 0             | 701,233         | 14.1                       | 273                            |
| 10/20/2025 | 8:15:00  | 6.2          | 2.350          | 0             | 701,274         | 13.9                       | 276                            |
| 10/20/2025 | 8:30:00  | 6.5          | 2.313          | 0.1           | 701,296         | 14.1                       | 279                            |
| 10/20/2025 | 8:45:00  | 6.6          | 2.752          | 1.3           | 701,336         | 13.7                       | 279                            |
| 10/20/2025 | 9:00:00  | 6.3          | 2.347          | 0             | 701,374         | 14.2                       | 278                            |
| 10/20/2025 | 9:15:00  | 6            | 2.759          | 0             | 701,397         | 14.6                       | 278                            |
| 10/20/2025 | 9:45:00  | 5.3          | 2.782          | 0             | 701,447         | 14.5                       | 274                            |
| 10/20/2025 | 10:15:00 | 5.5          | 2.403          | 0             | 701,509         | 14.5                       | 274                            |
| 10/20/2025 | 10:30:00 | 6.4          | 2.305          | 0.6           | 701,546         | 13.9                       | 273                            |
| 10/20/2025 | 10:45:00 | 6.8          | 2.774          | 0             | 701,586         | 13.4                       | 278                            |
| 10/20/2025 | 11:00:00 | 6.8          | 2.411          | 0             | 701,611         | 13.6                       | 278                            |
| 10/20/2025 | 11:15:00 | 6.9          | 2.793          | 0.9           | 701,649         | 13.4                       | 278                            |
| 10/20/2025 | 11:45:00 | 6.9          | 2.786          | 0.1           | 701,707         | 13.2                       | 278                            |
| 10/20/2025 | 12:00:00 | 6.9          | 2.801          | 0             | 701,732         | 13.2                       | 278                            |
| 10/20/2025 | 12:30:00 | 6.9          | 2.297          | 0             | 701,792         | 13.2                       | 278                            |
| 10/20/2025 | 13:00:00 | 6.9          | 2.396          | 0             | 701,858         | 13.1                       | 277                            |
| 10/20/2025 | 13:15:00 | 6.9          | 2.793          | 0.4           | 701,879         | 13.2                       | 276                            |
| 10/20/2025 | 13:30:00 | 6.9          | 2.793          | 0             | 701,902         | 13.3                       | 276                            |
| 10/20/2025 | 13:45:00 | 6.9          | 2.771          | 0.1           | 701,941         | 12.9                       | 276                            |
| 10/20/2025 | 14:00:00 | 6.9          | 1.525          | 2.8           | 701,966         | 12.9                       | 276                            |
| 10/20/2025 | 14:15:00 | 6.9          | 1.393          | 0.2           | 701,998         | 12.8                       | 276                            |
| 10/20/2025 | 14:30:00 | 6.9          | 2.771          | 0.7           | 702,031         | 12.7                       | 280                            |
| 10/20/2025 | 15:00:00 | 7            | 2.385          | 1.1           | 702,095         | 12.7                       | 282                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/20/2025 | 15:15:00 | 7            | 2.771          | 2.1           | 702,136         | 12.6                       | 280                            |
| 10/20/2025 | 15:30:00 | 7            | 2.774          | 2.6           | 702,173         | 12.6                       | 280                            |
| 10/20/2025 | 15:45:00 | 7            | 2.790          | 1.9           | 702,197         | 12.6                       | 280                            |
| 10/20/2025 | 16:00:00 | 7            | 2.286          | 0.5           | 702,239         | 13                         | 278                            |
| 10/20/2025 | 16:15:00 | 6.8          | 2.377          | 1.1           | 702,275         | 13.5                       | 279                            |
| 10/20/2025 | 16:30:00 | 6.5          | 2.782          | 0             | 702,302         | 13.8                       | 274                            |
| 10/20/2025 | 16:45:00 | 6.5          | 2.279          | 0             | 702,341         | 14                         | 276                            |
| 10/20/2025 | 17:00:00 | 6.4          | 2.385          | 0             | 702,357         | 14.7                       | 278                            |
| 10/20/2025 | 17:15:00 | 6            | 2.774          | 0             | 702,381         | 14.6                       | 272                            |
| 10/20/2025 | 17:30:00 | 5.7          | 2.786          | 0             | 702,406         | 14.6                       | 274                            |
| 10/20/2025 | 17:45:00 | 6            | 2.771          | 0             | 702,445         | 14                         | 271                            |
| 10/20/2025 | 18:00:00 | 6.3          | 2.275          | 0.4           | 702,486         | 13.9                       | 274                            |
| 10/20/2025 | 18:30:00 | 6.4          | 2.771          | 0             | 702,551         | 13.7                       | 276                            |
| 10/20/2025 | 19:00:00 | 6.8          | 2.377          | 0.1           | 702,614         | 13.2                       | 276                            |
| 10/20/2025 | 19:30:00 | 6.9          | 2.767          | 0.5           | 702,671         | 12.8                       | 277                            |
| 10/20/2025 | 19:45:00 | 7            | 0.000          | 0             | 702,692         | 12.9                       | 276                            |
| 10/20/2025 | 20:00:00 | 7            | 2.135          | 0             | 702,733         | 12.6                       | 274                            |
| 10/20/2025 | 20:15:00 | 6.9          | 2.051          | 0.3           | 702,757         | 12.5                       | 274                            |
| 10/20/2025 | 20:30:00 | 6.9          | 2.407          | 0             | 702,789         | 12.6                       | 273                            |
| 10/20/2025 | 20:45:00 | 6.9          | 2.275          | 0.2           | 702,827         | 12.7                       | 273                            |
| 10/20/2025 | 21:00:00 | 6.9          | 0.329          | 0.4           | 702,854         | 12.9                       | 273                            |
| 10/20/2025 | 21:15:00 | 7            | 2.774          | 0             | 702,887         | 12.7                       | 273                            |
| 10/20/2025 | 21:30:00 | 6.9          | 2.771          | 0             | 702,925         | 12.9                       | 272                            |
| 10/20/2025 | 21:45:00 | 6.9          | 2.759          | 0             | 702,963         | 12.8                       | 271                            |
| 10/20/2025 | 22:00:00 | 6.9          | 2.286          | 0             | 702,992         | 13.2                       | 272                            |

# Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/20/2025 | 22:15:00 | 6.8          | 2.385          | 0             | 703,029         | 13.2                       | 271                            |
| 10/20/2025 | 22:30:00 | 6.7          | 2.782          | 0             | 703,056         | 13.6                       | 273                            |
| 10/20/2025 | 22:45:00 | 6.6          | 2.415          | 1.7           | 703,094         | 13.4                       | 271                            |
| 10/20/2025 | 23:00:00 | 6.6          | 0.341          | 0             | 703,127         | 13.5                       | 273                            |
| 10/20/2025 | 23:15:00 | 6.6          | 2.771          | 0.1           | 703,160         | 13.4                       | 273                            |
| 10/20/2025 | 23:30:00 | 6.6          | 0.447          | 1.4           | 703,188         | 13.8                       | 274                            |
| 10/20/2025 | 23:45:00 | 6.5          | 2.771          | 0             | 703,225         | 13.5                       | 273                            |
| 10/21/2025 | 0:00:00  | 6.4          | 2.279          | 1.4           | 703,250         | 14.4                       | 274                            |
| 10/21/2025 | 0:15:00  | 6.3          | 2.396          | 0.4           | 703,275         | 14.1                       | 277                            |
| 10/21/2025 | 0:30:00  | 6.3          | 2.771          | 0.2           | 703,314         | 13.7                       | 273                            |
| 10/21/2025 | 0:45:00  | 6.3          | 2.282          | 0.8           | 703,352         | 13.8                       | 275                            |
| 10/21/2025 | 1:00:00  | 6.1          | 2.161          | 0.3           | 703,380         | 14.3                       | 272                            |
| 10/21/2025 | 1:15:00  | 6            | 2.755          | 3.1           | 703,421         | 13.9                       | 275                            |
| 10/21/2025 | 1:30:00  | 5.9          | 0.481          | 5.7           | 703,456         | 14                         | 275                            |
| 10/21/2025 | 1:45:00  | 6            | 2.763          | 0.2           | 703,486         | 14                         | 277                            |
| 10/21/2025 | 2:00:00  | 6.1          | 2.263          | 1.9           | 703,527         | 14                         | 277                            |
| 10/21/2025 | 2:15:00  | 6.1          | 2.388          | 3.2           | 703,553         | 14                         | 277                            |
| 10/21/2025 | 2:30:00  | 6.3          | 2.763          | 0.4           | 703,592         | 13.6                       | 274                            |
| 10/21/2025 | 2:45:00  | 6.5          | 0.348          | 2.7           | 703,626         | 13.6                       | 274                            |
| 10/21/2025 | 3:00:00  | 6.6          | 2.354          | 0.5           | 703,658         | 13.5                       | 275                            |
| 10/21/2025 | 3:15:00  | 6.6          | 2.748          | 0.4           | 703,699         | 13.4                       | 274                            |
| 10/21/2025 | 3:30:00  | 6.6          | 2.774          | 0.4           | 703,723         | 13.8                       | 276                            |
| 10/21/2025 | 3:45:00  | 6.3          | 2.755          | 0.1           | 703,762         | 14                         | 275                            |
| 10/21/2025 | 4:00:00  | 6.2          | 2.282          | 2.3           | 703,784         | 14.5                       | 273                            |
| 10/21/2025 | 4:15:00  | 6.2          | 2.366          | 0.1           | 703,785         | 14                         | 273                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/21/2025 | 4:45:00  | 6.2          | 2.294          | 2.3           | 703,838         | 14.2                       | 274                            |
| 10/21/2025 | 5:15:00  | 6.3          | 2.767          | 1.6           | 703,890         | 14                         | 274                            |
| 10/21/2025 | 5:30:00  | 6.2          | 2.763          | 1.8           | 703,927         | 14                         | 274                            |
| 10/21/2025 | 5:45:00  | 6.3          | 2.752          | 1.8           | 703,965         | 13.9                       | 276                            |
| 10/21/2025 | 6:00:00  | 6.3          | 2.271          | 5.1           | 703,988         | 14.8                       | 276                            |
| 10/21/2025 | 6:15:00  | 6.1          | 2.381          | 2.4           | 704,025         | 14.3                       | 277                            |
| 10/21/2025 | 6:45:00  | 6.5          | 2.279          | 5.4           | 704,082         | 14.1                       | 278                            |
| 10/21/2025 | 7:15:00  | 6.8          | 2.755          | 4.3           | 704,146         | 13.6                       | 280                            |
| 10/21/2025 | 7:45:00  | 7.2          | 2.793          | 0             | 704,198         | 13.3                       | 113                            |
| 10/21/2025 | 8:00:00  | 7            | 2.286          | 7.7           | 704,238         | 12.8                       | 273                            |
| 10/21/2025 | 8:15:00  | 7            | 2.366          | 3.9           | 704,276         | 12.7                       | 277                            |
| 10/21/2025 | 8:30:00  | 7            | 2.790          | 3.7           | 704,297         | 12.7                       | 277                            |
| 10/21/2025 | 8:45:00  | 7            | 2.294          | 10.2          | 704,335         | 12.8                       | 281                            |
| 10/21/2025 | 9:00:00  | 7            | 2.502          | 5.7           | 704,358         | 12.9                       | 282                            |
| 10/21/2025 | 9:15:00  | 7            | 2.790          | 4.5           | 704,392         | 12.7                       | 282                            |
| 10/21/2025 | 9:30:00  | 7            | 2.782          | 4.2           | 704,428         | 12.6                       | 282                            |
| 10/21/2025 | 10:00:00 | 7            | 1.480          | 9.4           | 704,482         | 12.9                       | 282                            |
| 10/21/2025 | 10:15:00 | 7            | 2.388          | 6.3           | 704,506         | 12.9                       | 282                            |
| 10/21/2025 | 10:30:00 | 7.1          | 2.755          | 4             | 704,546         | 12.9                       | 282                            |
| 10/21/2025 | 10:45:00 | 7            | 2.294          | 6.6           | 704,569         | 13.1                       | 286                            |
| 10/21/2025 | 11:00:00 | 7            | 2.173          | 1.4           | 704,603         | 13                         | 282                            |
| 10/21/2025 | 11:30:00 | 7            | 2.786          | 5.1           | 704,639         | 13.1                       | 282                            |
| 10/21/2025 | 11:45:00 | 7            | 2.778          | 3             | 704,673         | 13                         | 281                            |
| 10/21/2025 | 12:00:00 | 7            | 2.297          | 10.4          | 704,713         | 13                         | 281                            |
| 10/21/2025 | 12:15:00 | 7            | 2.600          | 3.1           | 704,734         | 13.3                       | 281                            |

**Title** WoodFibre Weekly Water Discharge Report

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**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/21/2025 | 12:30:00 | 7            | 2.763          | 5.3           | 704,774         | 13.1                       | 279                            |
| 10/21/2025 | 12:45:00 | 7            | 2.313          | 8.1           | 704,795         | 13.3                       | 282                            |
| 10/21/2025 | 13:00:00 | 7            | 2.778          | 3.3           | 704,832         | 13.3                       | 281                            |
| 10/21/2025 | 13:15:00 | 7            | 2.763          | 6             | 704,874         | 13.2                       | 279                            |
| 10/21/2025 | 13:30:00 | 7            | 2.774          | 4.7           | 704,892         | 13.5                       | 279                            |
| 10/21/2025 | 13:45:00 | 7            | 2.774          | 4.9           | 704,912         | 13.5                       | 281                            |
| 10/21/2025 | 14:15:00 | 7            | 1.151          | 4             | 704,956         | 13.3                       | 281                            |
| 10/21/2025 | 14:30:00 | 7            | 2.786          | 6.7           | 704,990         | 13.3                       | 282                            |
| 10/21/2025 | 14:45:00 | 7            | 2.294          | 4.7           | 705,028         | 13.5                       | 281                            |
| 10/21/2025 | 15:15:00 | 7            | 2.782          | 3.3           | 705,093         | 13.4                       | 278                            |
| 10/21/2025 | 15:30:00 | 7            | 2.771          | 4.8           | 705,131         | 13.4                       | 281                            |
| 10/21/2025 | 16:00:00 | 7            | 1.317          | 12.6          | 705,192         | 13.4                       | 278                            |
| 10/21/2025 | 16:15:00 | 7            | 2.388          | 2.4           | 705,222         | 13.3                       | 279                            |
| 10/21/2025 | 16:45:00 | 7            | 2.309          | 3.5           | 705,279         | 13.4                       | 281                            |
| 10/21/2025 | 17:00:00 | 7            | 2.805          | 2.7           | 705,295         | 13.4                       | 281                            |
| 10/21/2025 | 17:15:00 | 7            | 2.786          | 6.9           | 705,337         | 13.2                       | 278                            |
| 10/21/2025 | 17:45:00 | 7            | 2.801          | 2             | 705,399         | 13.1                       | 278                            |
| 10/21/2025 | 18:00:00 | 7            | 2.301          | 4.2           | 705,439         | 13.1                       | 278                            |
| 10/21/2025 | 18:15:00 | 7            | 2.426          | 1.1           | 705,474         | 13.1                       | 279                            |
| 10/21/2025 | 18:30:00 | 7            | 2.827          | 1.7           | 705,500         | 13                         | 279                            |
| 10/21/2025 | 19:00:00 | 7            | 2.824          | 1.7           | 705,563         | 12.9                       | 277                            |
| 10/21/2025 | 19:30:00 | 7            | 2.820          | 1             | 705,625         | 12.8                       | 277                            |
| 10/21/2025 | 19:45:00 | 7            | 2.805          | 3.1           | 705,664         | 12.7                       | 274                            |
| 10/21/2025 | 20:15:00 | 7            | 1.192          | 0.8           | 705,711         | 12.6                       | 275                            |
| 10/21/2025 | 20:30:00 | 7            | 2.763          | 2.5           | 705,740         | 12.5                       | 275                            |

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**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/21/2025 | 20:45:00 | 7            | 2.229          | 2.8           | 705,777         | 12.5                       | 276                            |
| 10/21/2025 | 21:00:00 | 7            | 2.702          | 0.9           | 705,814         | 12.5                       | 277                            |
| 10/21/2025 | 21:15:00 | 7            | 2.979          | 2.7           | 705,841         | 12.6                       | 280                            |
| 10/21/2025 | 21:30:00 | 7            | 2.684          | 1.1           | 705,877         | 12.4                       | 280                            |
| 10/21/2025 | 21:45:00 | 7            | 2.691          | 2             | 705,898         | 12.3                       | 282                            |
| 10/21/2025 | 22:00:00 | 7            | 2.214          | 7.5           | 705,937         | 12.3                       | 282                            |
| 10/21/2025 | 22:30:00 | 7            | 3.274          | 2.7           | 706,006         | 12.3                       | 280                            |
| 10/21/2025 | 22:45:00 | 7            | 2.547          | 7.4           | 706,035         | 12.5                       | 278                            |
| 10/21/2025 | 23:00:00 | 7            | 2.877          | 2.7           | 706,075         | 12.4                       | 277                            |
| 10/21/2025 | 23:30:00 | 7            | 2.884          | 1.6           | 706,143         | 12.4                       | 277                            |
| 10/21/2025 | 23:45:00 | 7            | 2.903          | 3.4           | 706,167         | 12.5                       | 277                            |
| 10/22/2025 | 0:30:00  | 7.1          | 2.880          | 3.7           | 706,259         | 12.4                       | 277                            |
| 10/22/2025 | 0:45:00  | 7.1          | 2.400          | 9.3           | 706,285         | 12.6                       | 278                            |
| 10/22/2025 | 1:15:00  | 7.1          | 2.865          | 2             | 706,352         | 12.5                       | 276                            |
| 10/22/2025 | 1:30:00  | 7.1          | 1.453          | 2.4           | 706,367         | 12.4                       | 276                            |
| 10/22/2025 | 1:45:00  | 7            | 2.267          | 1.4           | 706,395         | 12.3                       | 275                            |
| 10/22/2025 | 2:15:00  | 7            | 3.032          | 1.9           | 706,466         | 12.3                       | 275                            |
| 10/22/2025 | 2:30:00  | 7            | 3.047          | 1             | 706,493         | 12.3                       | 275                            |
| 10/22/2025 | 2:45:00  | 7            | 2.952          | 1.1           | 706,521         | 12.4                       | 274                            |
| 10/22/2025 | 3:00:00  | 7            | 2.536          | 2.2           | 706,561         | 12.3                       | 272                            |
| 10/22/2025 | 3:30:00  | 7            | 1.980          | 5.2           | 706,627         | 12.4                       | 277                            |
| 10/22/2025 | 3:45:00  | 7            | 1.870          | 3.3           | 706,663         | 12.4                       | 277                            |
| 10/22/2025 | 4:00:00  | 7            | 2.926          | 2.1           | 706,706         | 12.4                       | 276                            |
| 10/22/2025 | 4:15:00  | 7            | 2.801          | 3.1           | 706,726         | 12.4                       | 275                            |
| 10/22/2025 | 4:30:00  | 7            | 2.907          | 2.2           | 706,766         | 12.5                       | 275                            |



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| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/22/2025 | 4:45:00  | 7            | 2.926          | 4             | 706,795         | 12.6                       | 275                            |
| 10/22/2025 | 5:00:00  | 7            | 2.453          | 2.7           | 706,833         | 12.7                       | 276                            |
| 10/22/2025 | 5:15:00  | 7            | 2.903          | 3.4           | 706,874         | 12.8                       | 274                            |
| 10/22/2025 | 5:30:00  | 7            | 2.400          | 9.1           | 706,900         | 12.9                       | 275                            |
| 10/22/2025 | 6:00:00  | 7            | 2.911          | 2.5           | 706,969         | 12.7                       | 276                            |
| 10/22/2025 | 6:15:00  | 7            | 2.937          | 10.1          | 706,988         | 13.1                       | 277                            |
| 10/22/2025 | 6:30:00  | 7            | 2.907          | 1.4           | 707,028         | 12.8                       | 277                            |
| 10/22/2025 | 6:45:00  | 7            | 2.918          | 2.6           | 707,058         | 12.9                       | 277                            |
| 10/22/2025 | 7:00:00  | 7            | 2.438          | 1.6           | 707,080         | 13.5                       | 278                            |
| 10/22/2025 | 7:15:00  | 6.9          | 2.907          | 3.3           | 707,121         | 13.1                       | 273                            |
| 10/22/2025 | 7:30:00  | 6.9          | 2.415          | 3.3           | 707,146         | 13.2                       | 274                            |
| 10/22/2025 | 8:00:00  | 6.9          | 2.911          | 0.8           | 707,214         | 13                         | 269                            |
| 10/22/2025 | 8:30:00  | 6.8          | 2.899          | 0             | 707,276         | 13.1                       | 269                            |
| 10/22/2025 | 9:00:00  | 6.8          | 2.544          | 0.8           | 707,329         | 13.1                       | 274                            |
| 10/22/2025 | 9:15:00  | 6.8          | 2.903          | 0.5           | 707,370         | 13.1                       | 276                            |
| 10/22/2025 | 9:30:00  | 6.8          | 2.381          | 5             | 707,411         | 13.3                       | 279                            |
| 10/22/2025 | 9:45:00  | 6.5          | 2.487          | 0             | 707,437         | 14.4                       | 283                            |
| 10/22/2025 | 10:00:00 | 6.5          | 2.820          | 4.1           | 707,475         | 14.8                       | 278                            |
| 10/22/2025 | 10:15:00 | 7.1          | 2.805          | 4             | 707,513         | 14.4                       | 282                            |
| 10/22/2025 | 10:30:00 | 7.4          | 0.394          | 4.5           | 707,548         | 14                         | 282                            |
| 10/22/2025 | 10:45:00 | 14.9         | 2.808          | 0             | 707,580         | 13.3                       | 282                            |
| 10/22/2025 | 11:00:00 | 7            | 2.369          | 0             | 707,616         | 13.3                       | 282                            |
| 10/22/2025 | 11:15:00 | 7.3          | 2.805          | 0.7           | 707,656         | 13.3                       | 282                            |
| 10/22/2025 | 11:30:00 | 7.3          | 0.409          | 2.7           | 707,683         | 13.4                       | 283                            |
| 10/22/2025 | 11:45:00 | 7.4          | 2.377          | 3             | 707,717         | 13.1                       | 283                            |

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**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/22/2025 | 12:00:00 | 7.4          | 2.808          | 1             | 707,759         | 13                         | 284                            |
| 10/22/2025 | 12:15:00 | 7.3          | 0.379          | 2.7           | 707,791         | 13.2                       | 284                            |
| 10/22/2025 | 12:30:00 | 7.3          | 2.835          | 1.6           | 707,824         | 13                         | 279                            |
| 10/22/2025 | 12:45:00 | 7.3          | 0.405          | 2.8           | 707,863         | 13                         | 281                            |
| 10/22/2025 | 13:00:00 | 7.3          | 2.377          | 2.8           | 707,886         | 13.1                       | 283                            |
| 10/22/2025 | 13:15:00 | 7.3          | 2.899          | 1.8           | 707,922         | 13.1                       | 284                            |
| 10/22/2025 | 13:30:00 | 7.3          | 2.411          | 5.6           | 707,951         | 13.3                       | 288                            |
| 10/22/2025 | 13:45:00 | 7.4          | 2.487          | 1.5           | 707,984         | 13.3                       | 285                            |
| 10/22/2025 | 14:00:00 | 7.3          | 2.930          | 4.3           | 708,009         | 13.3                       | 283                            |
| 10/22/2025 | 14:30:00 | 7.3          | 0.159          | 1.4           | 708,033         | 13.3                       | 288                            |
| 10/22/2025 | 14:45:00 | 7.3          | 2.362          | 3.4           | 708,075         | 13.2                       | 285                            |
| 10/22/2025 | 15:00:00 | 7.3          | 2.449          | 2.3           | 708,113         | 13.2                       | 287                            |
| 10/22/2025 | 15:15:00 | 7.3          | 0.356          | 3.6           | 708,149         | 13.3                       | 283                            |
| 10/22/2025 | 15:30:00 | 7.3          | 2.362          | 8.8           | 708,176         | 13.4                       | 287                            |
| 10/22/2025 | 15:45:00 | 7.4          | 2.483          | 8.2           | 708,213         | 13.5                       | 287                            |
| 10/22/2025 | 16:00:00 | 7.4          | 2.896          | 5.3           | 708,256         | 13.4                       | 287                            |
| 10/22/2025 | 16:15:00 | 7.4          | 0.360          | 8.9           | 708,283         | 13.8                       | 287                            |
| 10/22/2025 | 16:30:00 | 7.3          | 2.937          | 3.7           | 708,316         | 13.3                       | 286                            |
| 10/22/2025 | 16:45:00 | 7.3          | 0.409          | 4.3           | 708,352         | 13.4                       | 284                            |
| 10/22/2025 | 17:00:00 | 7.3          | 2.494          | 3.6           | 708,387         | 13.4                       | 288                            |
| 10/22/2025 | 17:15:00 | 7.3          | 0.371          | 2.9           | 708,424         | 13.4                       | 285                            |
| 10/22/2025 | 17:30:00 | 7.3          | 0.348          | 6.5           | 708,454         | 13.6                       | 288                            |
| 10/22/2025 | 17:45:00 | 7.4          | 2.509          | 2.9           | 708,482         | 13.5                       | 288                            |
| 10/22/2025 | 18:00:00 | 7.3          | 2.949          | 6.2           | 708,514         | 13.8                       | 288                            |
| 10/22/2025 | 18:15:00 | 7.2          | 2.930          | 5.1           | 708,552         | 13.5                       | 288                            |

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| <b>Date</b> | <b>Time</b> | <b>Discharge pH</b> | <b>Flow Rate (m3)</b> | <b>Discharge NTU</b> | <b>Flow Total (m3)</b> | <b>Discharge Temperature (°C)</b> | <b>Discharge Conductivity (uS/cm)</b> |
|-------------|-------------|---------------------|-----------------------|----------------------|------------------------|-----------------------------------|---------------------------------------|
| 10/22/2025  | 18:30:00    | 7.3                 | 2.949                 | 2.6                  | 708,578                | 13.5                              | 290                                   |
| 10/22/2025  | 18:45:00    | 7.3                 | 2.407                 | 4.4                  | 708,622                | 13.4                              | 287                                   |
| 10/22/2025  | 19:15:00    | 7.3                 | 2.169                 | 3.7                  | 708,665                | 13.1                              | 286                                   |
| 10/22/2025  | 19:30:00    | 7.3                 | 2.914                 | 5.5                  | 708,709                | 13.1                              | 286                                   |
| 10/22/2025  | 19:45:00    | 7.3                 | 2.778                 | 4.1                  | 708,735                | 13.1                              | 284                                   |
| 10/22/2025  | 20:00:00    | 7.3                 | 2.740                 | 3.5                  | 708,760                | 13                                | 283                                   |
| 10/22/2025  | 20:15:00    | 7.3                 | 2.218                 | 7.6                  | 708,799                | 13                                | 283                                   |
| 10/22/2025  | 20:45:00    | 7.4                 | 2.820                 | 3.9                  | 708,850                | 12.6                              | 280                                   |
| 10/22/2025  | 21:00:00    | 7.3                 | 2.812                 | 5.7                  | 708,887                | 12.7                              | 283                                   |
| 10/22/2025  | 21:15:00    | 7.4                 | 2.831                 | 4.7                  | 708,910                | 12.8                              | 283                                   |
| 10/22/2025  | 21:30:00    | 7.4                 | 2.808                 | 5.1                  | 708,952                | 12.5                              | 284                                   |
| 10/22/2025  | 21:45:00    | 7.3                 | 2.839                 | 5.2                  | 708,978                | 12.5                              | 289                                   |
| 10/22/2025  | 22:00:00    | 7.5                 | 2.835                 | 5.4                  | 709,017                | 12.5                              | 291                                   |
| 10/22/2025  | 22:15:00    | 7.4                 | 2.475                 | 36.6                 | 709,057                | 12.7                              | 292                                   |
| 10/22/2025  | 22:30:00    | 6.9                 | 2.509                 | 0.8                  | 709,082                | 12.5                              | 314                                   |
| 10/22/2025  | 22:45:00    | 7                   | 2.945                 | 1.2                  | 709,124                | 12.9                              | 294                                   |
| 10/22/2025  | 23:00:00    | 7                   | 2.926                 | 1.5                  | 709,163                | 12.9                              | 292                                   |
| 10/22/2025  | 23:15:00    | 7.1                 | 2.922                 | 1.6                  | 709,187                | 13                                | 290                                   |
| 10/22/2025  | 23:30:00    | 7.2                 | 2.896                 | 1.8                  | 709,230                | 12.7                              | 288                                   |
| 10/22/2025  | 23:45:00    | 7.2                 | 2.907                 | 1.7                  | 709,269                | 12.7                              | 288                                   |
| 10/23/2025  | 0:30:00     | 7.2                 | 2.646                 | 0.8                  | 709,358                | 13.2                              | 283                                   |
| 10/23/2025  | 0:45:00     | 7.2                 | 2.869                 | 0.7                  | 709,386                | 13.4                              | 280                                   |
| 10/23/2025  | 1:00:00     | 7.5                 | 1.681                 | 3.2                  | 709,414                | 13.4                              | 278                                   |
| 10/23/2025  | 1:15:00     | 7.1                 | 2.850                 | 0.9                  | 709,438                | 13.7                              | 281                                   |
| 10/23/2025  | 1:30:00     | 7.2                 | 2.896                 | 0.5                  | 709,482                | 13.7                              | 277                                   |

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| <b>Date</b> | <b>Time</b> | <b>Discharge pH</b> | <b>Flow Rate (m3)</b> | <b>Discharge NTU</b> | <b>Flow Total (m3)</b> | <b>Discharge Temperature (°C)</b> | <b>Discharge Conductivity (uS/cm)</b> |
|-------------|-------------|---------------------|-----------------------|----------------------|------------------------|-----------------------------------|---------------------------------------|
| 10/23/2025  | 1:45:00     | 7.2                 | 2.899                 | 0.4                  | 709,509                | 14                                | 278                                   |
| 10/23/2025  | 2:00:00     | 7.2                 | 2.896                 | 4.9                  | 709,533                | 14.7                              | 278                                   |
| 10/23/2025  | 2:15:00     | 7.2                 | 2.324                 | 7.3                  | 709,574                | 14.4                              | 283                                   |
| 10/23/2025  | 2:30:00     | 7.3                 | 2.320                 | 4.6                  | 709,587                | 15                                | 288                                   |
| 10/23/2025  | 2:45:00     | 7.3                 | 2.877                 | 2.3                  | 709,628                | 14.3                              | 286                                   |
| 10/23/2025  | 3:00:00     | 7.3                 | 2.858                 | 0.7                  | 709,666                | 14.8                              | 287                                   |
| 10/23/2025  | 3:15:00     | 7.2                 | 2.865                 | 0.3                  | 709,693                | 14.8                              | 285                                   |
| 10/23/2025  | 3:45:00     | 7.2                 | 2.899                 | 0                    | 709,755                | 14.7                              | 280                                   |
| 10/23/2025  | 4:15:00     | 7.2                 | 2.309                 | 0.3                  | 709,801                | 14.3                              | 278                                   |
| 10/23/2025  | 4:45:00     | 7.4                 | 2.593                 | 5                    | 709,854                | 13.7                              | 281                                   |
| 10/23/2025  | 5:00:00     | 7.2                 | 2.888                 | 1.5                  | 709,892                | 13.9                              | 281                                   |
| 10/23/2025  | 5:30:00     | 7.2                 | 2.873                 | 1.6                  | 709,954                | 13.9                              | 278                                   |
| 10/23/2025  | 5:45:00     | 7.2                 | 2.892                 | 1.6                  | 709,977                | 14.4                              | 283                                   |
| 10/23/2025  | 6:00:00     | 7.2                 | 2.998                 | 1.8                  | 709,999                | 14.4                              | 284                                   |
| 10/23/2025  | 6:15:00     | 7.2                 | 2.377                 | 1.2                  | 710,040                | 13.8                              | 284                                   |
| 10/23/2025  | 6:30:00     | 7.3                 | 2.407                 | 0.5                  | 710,058                | 14.1                              | 282                                   |
| 10/23/2025  | 6:45:00     | 7.2                 | 2.873                 | 0.5                  | 710,081                | 14                                | 283                                   |
| 10/23/2025  | 7:00:00     | 7.2                 | 2.858                 | 0.9                  | 710,119                | 14.3                              | 280                                   |
| 10/23/2025  | 7:15:00     | 7.2                 | 2.808                 | 0                    | 710,145                | 15.2                              | 281                                   |
| 10/23/2025  | 7:30:00     | 7.2                 | 2.843                 | 0.6                  | 710,187                | 14.4                              | 276                                   |
| 10/23/2025  | 7:45:00     | 7.3                 | 2.816                 | 0                    | 710,216                | 14.3                              | 277                                   |
| 10/23/2025  | 8:00:00     | 7.1                 | 2.725                 | 0.1                  | 710,233                | 15.8                              | 273                                   |
| 10/23/2025  | 8:30:00     | 7.2                 | 2.282                 | 0                    | 710,295                | 14.5                              | 270                                   |
| 10/23/2025  | 8:45:00     | 7.2                 | 2.801                 | 1.1                  | 710,320                | 14.2                              | 274                                   |
| 10/23/2025  | 9:15:00     | 7.2                 | 2.786                 | 1                    | 710,391                | 13.3                              | 278                                   |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/23/2025 | 9:30:00  | 7.2          | 2.771          | 0.9           | 710,433         | 13.2                       | 277                            |
| 10/23/2025 | 9:45:00  | 7.2          | 2.763          | 2.3           | 710,474         | 13.2                       | 277                            |
| 10/23/2025 | 10:00:00 | 7.2          | 2.192          | 3.1           | 710,497         | 13.3                       | 277                            |
| 10/23/2025 | 10:15:00 | 7.3          | 2.820          | 2.5           | 710,537         | 13.2                       | 278                            |
| 10/23/2025 | 10:45:00 | 7.3          | 2.188          | 2.8           | 710,601         | 13.3                       | 283                            |
| 10/23/2025 | 11:00:00 | 7.4          | 2.835          | 3.3           | 710,622         | 13.3                       | 281                            |
| 10/23/2025 | 11:15:00 | 7.3          | 2.831          | 5.4           | 710,664         | 13.2                       | 283                            |
| 10/23/2025 | 11:30:00 | 7.2          | 2.824          | 4.1           | 710,706         | 13.1                       | 281                            |
| 10/23/2025 | 11:45:00 | 7.2          | 2.914          | 5.5           | 710,735         | 13                         | 281                            |
| 10/23/2025 | 12:00:00 | 7.2          | 2.903          | 3.9           | 710,779         | 13.1                       | 281                            |
| 10/23/2025 | 12:15:00 | 7.3          | 2.903          | 5.2           | 710,821         | 13.1                       | 281                            |
| 10/23/2025 | 12:30:00 | 7.3          | 2.354          | 10.9          | 710,862         | 13.4                       | 283                            |
| 10/23/2025 | 12:45:00 | 7.2          | 2.850          | 6             | 710,905         | 13.3                       | 283                            |
| 10/23/2025 | 13:15:00 | 7.3          | 2.381          | 10.9          | 710,972         | 13.4                       | 283                            |
| 10/23/2025 | 13:30:00 | 7.3          | 2.918          | 6.1           | 711,002         | 13.3                       | 283                            |
| 10/23/2025 | 13:45:00 | 7.4          | 2.911          | 6.5           | 711,045         | 13.3                       | 283                            |
| 10/23/2025 | 14:00:00 | 7.4          | 2.907          | 6.1           | 711,089         | 13.2                       | 283                            |
| 10/23/2025 | 14:30:00 | 7.4          | 2.914          | 5             | 711,156         | 13.5                       | 282                            |
| 10/23/2025 | 14:45:00 | 7.4          | 2.896          | 4             | 711,200         | 13.8                       | 281                            |
| 10/23/2025 | 15:15:00 | 7.4          | 2.808          | 4.2           | 711,264         | 14.1                       | 278                            |
| 10/23/2025 | 15:45:00 | 7.3          | 2.241          | 5.5           | 711,330         | 14.4                       | 278                            |
| 10/23/2025 | 16:00:00 | 7.3          | 2.805          | 4.1           | 711,369         | 14.3                       | 280                            |
| 10/23/2025 | 16:15:00 | 7.3          | 2.805          | 3.5           | 711,387         | 14.5                       | 280                            |
| 10/23/2025 | 16:45:00 | 7.3          | 2.797          | 5.3           | 711,449         | 14.4                       | 280                            |
| 10/23/2025 | 17:00:00 | 7.3          | 2.827          | 4.8           | 711,476         | 14.5                       | 278                            |

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**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/23/2025 | 17:15:00 | 7.3          | 2.797          | 3.7           | 711,518         | 14.1                       | 276                            |
| 10/23/2025 | 17:30:00 | 7.3          | 2.188          | 7.1           | 711,556         | 14.3                       | 278                            |
| 10/23/2025 | 18:00:00 | 7.3          | 2.808          | 3.7           | 711,622         | 14.2                       | 277                            |
| 10/23/2025 | 18:15:00 | 7.2          | 2.195          | 7             | 711,663         | 14.2                       | 277                            |
| 10/23/2025 | 18:30:00 | 7.3          | 2.797          | 4             | 711,702         | 14                         | 276                            |
| 10/23/2025 | 18:45:00 | 7.3          | 2.812          | 5.4           | 711,729         | 13.9                       | 276                            |
| 10/23/2025 | 19:00:00 | 7.2          | 2.786          | 5.4           | 711,771         | 13.8                       | 276                            |
| 10/23/2025 | 19:45:00 | 7.3          | 2.801          | 5.4           | 711,855         | 13.8                       | 278                            |
| 10/23/2025 | 20:00:00 | 7.2          | 1.556          | 11.1          | 711,889         | 13.8                       | 276                            |
| 10/23/2025 | 20:15:00 | 7.3          | 1.862          | 6.7           | 711,914         | 13.7                       | 278                            |
| 10/23/2025 | 20:30:00 | 7.2          | 2.714          | 4.8           | 711,954         | 13.9                       | 276                            |
| 10/23/2025 | 20:45:00 | 7.2          | 2.036          | 4.8           | 711,993         | 14.1                       | 276                            |
| 10/23/2025 | 21:00:00 | 7.3          | 3.054          | 5.5           | 712,015         | 14                         | 277                            |
| 10/23/2025 | 21:15:00 | 7.4          | 1.540          | 7.1           | 712,042         | 13.2                       | 278                            |
| 10/23/2025 | 21:30:00 | 7.2          | 2.937          | 5.6           | 712,080         | 13.4                       | 279                            |
| 10/23/2025 | 21:45:00 | 7.2          | 2.771          | 5.7           | 712,105         | 13.8                       | 281                            |
| 10/23/2025 | 22:00:00 | 7.2          | 2.952          | 5.8           | 712,149         | 13.3                       | 279                            |
| 10/23/2025 | 22:15:00 | 7.2          | 2.937          | 5.9           | 712,193         | 13.2                       | 279                            |
| 10/23/2025 | 23:00:00 | 7.2          | 2.914          | 5.7           | 712,284         | 13.3                       | 279                            |
| 10/23/2025 | 23:15:00 | 7.3          | 2.195          | 5.7           | 712,310         | 13.8                       | 281                            |
| 10/23/2025 | 23:30:00 | 7.2          | 2.907          | 5.7           | 712,350         | 13.3                       | 279                            |
| 10/23/2025 | 23:45:00 | 7.3          | 2.854          | 5.3           | 712,393         | 13.4                       | 281                            |
| 10/24/2025 | 0:00:00  | 7.3          | 2.850          | 4.9           | 712,436         | 13.5                       | 282                            |
| 10/24/2025 | 0:15:00  | 7.3          | 2.850          | 4.9           | 712,462         | 13.8                       | 279                            |
| 10/24/2025 | 0:30:00  | 7.3          | 2.835          | 4.7           | 712,504         | 13.9                       | 281                            |

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**Date:**
**November 17, 2025**

| Date       | Time    | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|---------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/24/2025 | 0:45:00 | 7.4          | 1.170          | 5.5           | 712,528         | 14.1                       | 273                            |
| 10/24/2025 | 1:00:00 | 7.3          | 2.165          | 5             | 712,555         | 14.1                       | 277                            |
| 10/24/2025 | 1:15:00 | 7.3          | 2.774          | 4.8           | 712,596         | 14                         | 276                            |
| 10/24/2025 | 1:30:00 | 7.3          | 2.782          | 4.8           | 712,638         | 14.3                       | 278                            |
| 10/24/2025 | 1:45:00 | 7.3          | 2.176          | 4.6           | 712,677         | 14.2                       | 278                            |
| 10/24/2025 | 2:00:00 | 7.2          | 2.782          | 4.4           | 712,702         | 14.4                       | 277                            |
| 10/24/2025 | 2:15:00 | 7.2          | 2.748          | 4.5           | 712,743         | 14.2                       | 277                            |
| 10/24/2025 | 2:30:00 | 7.3          | 2.725          | 4.6           | 712,784         | 13.9                       | 279                            |
| 10/24/2025 | 2:45:00 | 7.3          | 2.903          | 8             | 712,805         | 13.9                       | 281                            |
| 10/24/2025 | 3:00:00 | 7.2          | 2.907          | 5.2           | 712,840         | 14                         | 283                            |
| 10/24/2025 | 3:15:00 | 7.4          | 2.271          | 7.8           | 712,879         | 13.9                       | 284                            |
| 10/24/2025 | 3:30:00 | 7.3          | 2.320          | 5.7           | 712,907         | 14.3                       | 286                            |
| 10/24/2025 | 3:45:00 | 7.3          | 2.949          | 5.7           | 712,936         | 14.2                       | 284                            |
| 10/24/2025 | 4:00:00 | 7.3          | 2.967          | 5.9           | 712,967         | 14.6                       | 286                            |
| 10/24/2025 | 4:15:00 | 7.3          | 2.139          | 5.8           | 713,009         | 14.2                       | 286                            |
| 10/24/2025 | 4:30:00 | 7.2          | 2.941          | 5.9           | 713,047         | 14                         | 286                            |
| 10/24/2025 | 4:45:00 | 7.2          | 2.922          | 5.8           | 713,078         | 14.4                       | 287                            |
| 10/24/2025 | 5:00:00 | 7.4          | 0.897          | 8.9           | 713,115         | 13.9                       | 286                            |
| 10/24/2025 | 5:15:00 | 7.3          | 2.975          | 6.4           | 713,130         | 14.1                       | 289                            |
| 10/24/2025 | 5:30:00 | 7.3          | 2.937          | 6.1           | 713,174         | 13.9                       | 289                            |
| 10/24/2025 | 5:45:00 | 7.3          | 2.941          | 6.3           | 713,203         | 13.8                       | 289                            |
| 10/24/2025 | 7:00:00 | 7.2          | 2.896          | 6.4           | 713,281         | 14.6                       | 289                            |
| 10/24/2025 | 7:30:00 | 7.3          | 2.884          | 5.7           | 713,347         | 14.9                       | 286                            |
| 10/24/2025 | 7:45:00 | 7.3          | 2.907          | 6             | 713,371         | 16.1                       | 286                            |
| 10/24/2025 | 8:00:00 | 7.3          | 2.869          | 5.8           | 713,414         | 14.7                       | 283                            |

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| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/24/2025 | 8:30:00  | 7.3          | 2.245          | 6.9           | 713,472         | 14.9                       | 285                            |
| 10/24/2025 | 8:45:00  | 7.3          | 2.877          | 5.7           | 713,500         | 14.6                       | 283                            |
| 10/24/2025 | 9:00:00  | 7.2          | 2.850          | 6.2           | 713,542         | 14.6                       | 282                            |
| 10/24/2025 | 9:15:00  | 7.3          | 2.226          | 6.4           | 713,560         | 15.3                       | 279                            |
| 10/24/2025 | 9:30:00  | 7.3          | 2.861          | 5.7           | 713,579         | 15.1                       | 279                            |
| 10/24/2025 | 10:00:00 | 7.3          | 2.858          | 6.5           | 713,646         | 14.9                       | 281                            |
| 10/24/2025 | 10:15:00 | 7.3          | 2.695          | 6.7           | 713,681         | 14.6                       | 279                            |
| 10/24/2025 | 10:45:00 | 7.3          | 2.676          | 6.4           | 713,744         | 14.7                       | 282                            |
| 10/24/2025 | 11:00:00 | 7.3          | 1.635          | 9.6           | 713,776         | 14.5                       | 280                            |
| 10/24/2025 | 11:15:00 | 7.3          | 2.737          | 6.7           | 713,816         | 14.5                       | 282                            |
| 10/24/2025 | 11:30:00 | 7.3          | 2.748          | 6.9           | 713,857         | 14.4                       | 282                            |
| 10/24/2025 | 11:45:00 | 7.2          | 2.104          | 7.3           | 713,896         | 14.6                       | 283                            |
| 10/24/2025 | 12:00:00 | 7.3          | 2.729          | 7.4           | 713,922         | 14.5                       | 287                            |
| 10/24/2025 | 12:15:00 | 7.3          | 2.733          | 7.4           | 713,963         | 14.5                       | 287                            |
| 10/24/2025 | 12:30:00 | 7.3          | 2.721          | 7.3           | 714,004         | 14.6                       | 288                            |
| 10/24/2025 | 12:45:00 | 7.3          | 2.714          | 7.4           | 714,027         | 14.8                       | 287                            |
| 10/24/2025 | 13:15:00 | 7.3          | 2.699          | 6.9           | 714,093         | 14.6                       | 285                            |
| 10/24/2025 | 13:30:00 | 7.2          | 2.112          | 9.3           | 714,128         | 15                         | 286                            |
| 10/24/2025 | 13:45:00 | 7.3          | 2.684          | 6.6           | 714,168         | 14.7                       | 282                            |
| 10/24/2025 | 14:00:00 | 7.3          | 2.680          | 6.4           | 714,209         | 14.8                       | 282                            |
| 10/24/2025 | 14:30:00 | 7.3          | 2.676          | 6.4           | 714,284         | 15                         | 281                            |
| 10/24/2025 | 14:45:00 | 7.3          | 2.668          | 6.4           | 714,324         | 15.1                       | 281                            |
| 10/24/2025 | 15:00:00 | 7.3          | 2.668          | 7             | 714,358         | 15.1                       | 279                            |
| 10/24/2025 | 15:15:00 | 7.3          | 2.680          | 7.9           | 714,393         | 14.9                       | 281                            |
| 10/24/2025 | 15:30:00 | 7.3          | 1.170          | 11.2          | 714,421         | 14.5                       | 277                            |



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| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/24/2025 | 15:45:00 | 7.3          | 2.702          | 7.6           | 714,441         | 14.2                       | 279                            |
| 10/24/2025 | 16:00:00 | 7.3          | 2.748          | 6.9           | 714,482         | 14.8                       | 279                            |
| 10/24/2025 | 16:15:00 | 7.3          | 2.752          | 6.7           | 714,502         | 16.2                       | 283                            |
| 10/24/2025 | 16:45:00 | 7.3          | 3.032          | 8.4           | 714,568         | 14.6                       | 277                            |
| 10/24/2025 | 17:00:00 | 7.3          | 3.009          | 8.9           | 714,614         | 14.4                       | 278                            |
| 10/24/2025 | 17:30:00 | 7.3          | 3.036          | 9.1           | 714,680         | 14.2                       | 277                            |
| 10/24/2025 | 17:45:00 | 7.3          | 2.933          | 11.6          | 714,725         | 14.1                       | 278                            |
| 10/24/2025 | 18:15:00 | 7.3          | 3.111          | 10.7          | 714,790         | 14.2                       | 273                            |
| 10/24/2025 | 18:45:00 | 7.3          | 2.801          | 9.1           | 714,864         | 14.1                       | 275                            |
| 10/24/2025 | 19:00:00 | 7.3          | 2.010          | 0.4           | 714,896         | 13.6                       | 273                            |
| 10/24/2025 | 19:15:00 | 7.4          | 3.036          | 0             | 714,929         | 13.3                       | 277                            |
| 10/24/2025 | 20:00:00 | 7.4          | 3.051          | 2.1           | 714,994         | 12.9                       | 276                            |
| 10/24/2025 | 20:15:00 | 7.4          | 3.013          | 1.2           | 715,039         | 12.8                       | 277                            |
| 10/24/2025 | 20:30:00 | 7.4          | 2.714          | 3.7           | 715,084         | 12.8                       | 277                            |
| 10/24/2025 | 20:45:00 | 7.4          | 3.198          | 4.5           | 715,126         | 12.8                       | 276                            |
| 10/24/2025 | 21:15:00 | 7.4          | 3.198          | 1.5           | 715,185         | 13.1                       | 274                            |
| 10/24/2025 | 21:30:00 | 7.4          | 2.434          | 1.6           | 715,223         | 13.2                       | 278                            |
| 10/24/2025 | 21:45:00 | 7.4          | 3.009          | 0             | 715,267         | 13.1                       | 276                            |
| 10/24/2025 | 22:00:00 | 7.4          | 3.002          | 0             | 715,312         | 13.4                       | 275                            |
| 10/24/2025 | 22:30:00 | 7.4          | 3.028          | 13            | 715,374         | 13.8                       | 274                            |
| 10/24/2025 | 23:00:00 | 7.4          | 0.908          | 0             | 715,423         | 13.9                       | 275                            |
| 10/24/2025 | 23:15:00 | 7.3          | 3.032          | 4.4           | 715,441         | 14.7                       | 279                            |
| 10/24/2025 | 23:30:00 | 7.3          | 2.994          | 2.6           | 715,486         | 13.8                       | 276                            |
| 10/24/2025 | 23:45:00 | 7.3          | 3.092          | 2.6           | 715,531         | 13.5                       | 277                            |
| 10/25/2025 | 0:00:00  | 7.3          | 2.502          | 3.4           | 715,570         | 13.5                       | 276                            |

# Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time    | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|---------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/25/2025 | 0:15:00 | 7.3          | 3.017          | 2.5           | 715,614         | 13.4                       | 277                            |
| 10/25/2025 | 0:30:00 | 7.3          | 2.990          | 5.1           | 715,659         | 13.3                       | 280                            |
| 10/25/2025 | 0:45:00 | 7.3          | 2.472          | 3.7           | 715,690         | 13.4                       | 279                            |
| 10/25/2025 | 1:00:00 | 7.3          | 3.096          | 4.2           | 715,713         | 13.6                       | 276                            |
| 10/25/2025 | 1:15:00 | 7.3          | 2.737          | 3.7           | 715,756         | 13.1                       | 276                            |
| 10/25/2025 | 1:30:00 | 7.3          | 2.260          | 4.1           | 715,795         | 13.2                       | 276                            |
| 10/25/2025 | 1:45:00 | 7.3          | 2.737          | 2.4           | 715,829         | 13.2                       | 276                            |
| 10/25/2025 | 2:15:00 | 7.3          | 2.884          | 4.7           | 715,894         | 13.2                       | 273                            |
| 10/25/2025 | 2:30:00 | 7.3          | 2.328          | 7.5           | 715,928         | 13.4                       | 276                            |
| 10/25/2025 | 2:45:00 | 7.3          | 2.907          | 3             | 715,970         | 13.3                       | 275                            |
| 10/25/2025 | 3:00:00 | 7.3          | 2.880          | 0.1           | 716,014         | 13.4                       | 275                            |
| 10/25/2025 | 3:30:00 | 7.3          | 3.350          | 0             | 716,074         | 13.4                       | 273                            |
| 10/25/2025 | 3:45:00 | 7.3          | 3.187          | 0             | 716,122         | 13.4                       | 272                            |
| 10/25/2025 | 4:00:00 | 7.4          | 2.672          | 0             | 716,167         | 13.7                       | 272                            |
| 10/25/2025 | 4:15:00 | 7.4          | 3.183          | 0             | 716,197         | 13.8                       | 273                            |
| 10/25/2025 | 4:30:00 | 7.4          | 3.153          | 0.4           | 716,245         | 13.2                       | 273                            |
| 10/25/2025 | 4:45:00 | 7.4          | 3.115          | 0.7           | 716,291         | 13.1                       | 273                            |
| 10/25/2025 | 5:00:00 | 7.4          | 2.604          | 5.4           | 716,311         | 13.6                       | 273                            |
| 10/25/2025 | 5:15:00 | 7.4          | 3.130          | 0.3           | 716,356         | 13.1                       | 273                            |
| 10/25/2025 | 5:30:00 | 7.4          | 3.145          | 0.1           | 716,391         | 13.1                       | 271                            |
| 10/25/2025 | 5:45:00 | 7.4          | 2.559          | 0.6           | 716,433         | 13                         | 273                            |
| 10/25/2025 | 6:00:00 | 7.4          | 3.179          | 0.2           | 716,449         | 13.4                       | 273                            |
| 10/25/2025 | 6:15:00 | 7.4          | 3.149          | 0.5           | 716,496         | 12.9                       | 274                            |
| 10/25/2025 | 6:30:00 | 7.4          | 2.680          | 9.3           | 716,521         | 13                         | 274                            |
| 10/25/2025 | 7:00:00 | 7.4          | 2.975          | 2             | 716,574         | 12.9                       | 273                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/25/2025 | 7:15:00  | 7.4          | 2.949          | 4.5           | 716,618         | 12.7                       | 274                            |
| 10/25/2025 | 7:45:00  | 7.4          | 2.979          | 3.2           | 716,682         | 12.9                       | 270                            |
| 10/25/2025 | 8:00:00  | 7.4          | 0.363          | 2.1           | 716,720         | 12.9                       | 273                            |
| 10/25/2025 | 8:15:00  | 7.3          | 2.634          | 3.5           | 716,746         | 12.7                       | 271                            |
| 10/25/2025 | 8:30:00  | 7.4          | 3.217          | 0             | 716,784         | 12.7                       | 272                            |
| 10/25/2025 | 8:45:00  | 7.4          | 3.157          | 0             | 716,832         | 12.8                       | 273                            |
| 10/25/2025 | 9:00:00  | 7.4          | 2.665          | 0.1           | 716,843         | 14.5                       | 269                            |
| 10/25/2025 | 9:15:00  | 7.4          | 3.198          | 0             | 716,884         | 13.2                       | 271                            |
| 10/25/2025 | 9:30:00  | 7.4          | 3.157          | 0.2           | 716,931         | 12.9                       | 270                            |
| 10/25/2025 | 9:45:00  | 7.4          | 2.657          | 0             | 716,979         | 12.8                       | 272                            |
| 10/25/2025 | 10:00:00 | 7.4          | 2.608          | 0             | 716,999         | 13.3                       | 272                            |
| 10/25/2025 | 10:15:00 | 7.4          | 2.684          | 0             | 717,043         | 12.9                       | 273                            |
| 10/25/2025 | 10:30:00 | 7.4          | 0.401          | 0.3           | 717,071         | 13.3                       | 274                            |
| 10/25/2025 | 10:45:00 | 7.4          | 2.612          | 0.4           | 717,105         | 13.2                       | 273                            |
| 10/25/2025 | 11:00:00 | 7.4          | 3.168          | 0.4           | 717,148         | 13.1                       | 271                            |
| 10/25/2025 | 11:15:00 | 7.4          | 3.138          | 2.6           | 717,196         | 13.1                       | 271                            |
| 10/25/2025 | 11:30:00 | 7.4          | 2.687          | 3.2           | 717,222         | 14.2                       | 273                            |
| 10/25/2025 | 11:45:00 | 7.4          | 3.179          | 5             | 717,264         | 13.4                       | 271                            |
| 10/25/2025 | 12:00:00 | 7.4          | 3.142          | 4.8           | 717,311         | 13.5                       | 270                            |
| 10/25/2025 | 12:15:00 | 7.4          | 2.680          | 0.9           | 717,336         | 13.7                       | 272                            |
| 10/25/2025 | 12:30:00 | 7.4          | 0.443          | 0.7           | 717,364         | 14.3                       | 273                            |
| 10/25/2025 | 12:45:00 | 7.4          | 2.922          | 0.4           | 717,403         | 13.7                       | 270                            |
| 10/25/2025 | 13:00:00 | 7.4          | 2.903          | 0.8           | 717,446         | 13.5                       | 271                            |
| 10/25/2025 | 13:15:00 | 7.3          | 2.392          | 1.4           | 717,485         | 13.5                       | 271                            |
| 10/25/2025 | 13:30:00 | 7.3          | 2.930          | 1.5           | 717,526         | 13.3                       | 272                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
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**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/25/2025 | 13:45:00 | 7.4          | 2.907          | 1.5           | 717,569         | 13.2                       | 272                            |
| 10/25/2025 | 14:00:00 | 7.4          | 2.441          | 1.5           | 717,610         | 13.4                       | 274                            |
| 10/25/2025 | 14:15:00 | 7.4          | 0.367          | 2.1           | 717,641         | 13.5                       | 274                            |
| 10/25/2025 | 14:30:00 | 7.4          | 2.914          | 1.1           | 717,674         | 13.3                       | 273                            |
| 10/25/2025 | 14:45:00 | 7.4          | 2.434          | 1.1           | 717,717         | 13.4                       | 271                            |
| 10/25/2025 | 15:00:00 | 7.4          | 0.420          | 0.9           | 717,745         | 14                         | 272                            |
| 10/25/2025 | 15:15:00 | 7.4          | 2.896          | 0.8           | 717,781         | 13.7                       | 270                            |
| 10/25/2025 | 15:30:00 | 7.4          | 2.873          | 0.7           | 717,825         | 13.7                       | 270                            |
| 10/25/2025 | 15:45:00 | 7.4          | 2.358          | 1.5           | 717,864         | 13.8                       | 270                            |
| 10/25/2025 | 16:00:00 | 7.4          | 2.880          | 1.6           | 717,903         | 13.7                       | 270                            |
| 10/25/2025 | 16:15:00 | 7.4          | 2.907          | 2.1           | 717,916         | 15                         | 272                            |
| 10/25/2025 | 16:30:00 | 7.4          | 2.426          | 2.2           | 717,956         | 13.9                       | 271                            |
| 10/25/2025 | 16:45:00 | 7.4          | 0.450          | 2.5           | 717,977         | 14.4                       | 271                            |
| 10/25/2025 | 17:00:00 | 7.4          | 2.884          | 2.1           | 718,020         | 13.5                       | 269                            |
| 10/25/2025 | 17:15:00 | 7.4          | 2.415          | 2.5           | 718,063         | 13.4                       | 271                            |
| 10/25/2025 | 17:30:00 | 7.4          | 0.450          | 2.4           | 718,097         | 13.5                       | 272                            |
| 10/25/2025 | 17:45:00 | 7.4          | 2.892          | 3.2           | 718,124         | 13.2                       | 271                            |
| 10/25/2025 | 18:00:00 | 7.4          | 2.861          | 2.7           | 718,167         | 13.1                       | 271                            |
| 10/25/2025 | 18:15:00 | 7.4          | 2.354          | 3.2           | 718,206         | 13                         | 271                            |
| 10/25/2025 | 18:30:00 | 7.4          | 2.869          | 2.9           | 718,245         | 12.9                       | 271                            |
| 10/25/2025 | 18:45:00 | 7.4          | 2.850          | 3.6           | 718,288         | 12.8                       | 271                            |
| 10/25/2025 | 19:00:00 | 7.4          | 2.426          | 3.1           | 718,310         | 13.4                       | 272                            |
| 10/25/2025 | 19:15:00 | 7.4          | 2.896          | 2.9           | 718,348         | 13                         | 269                            |
| 10/25/2025 | 19:30:00 | 7.4          | 2.869          | 3             | 718,391         | 13                         | 271                            |
| 10/25/2025 | 19:45:00 | 7.4          | 1.393          | 3.3           | 718,428         | 12.9                       | 271                            |

# Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/25/2025 | 20:00:00 | 7.3          | 2.801          | 2.9           | 718,453         | 13.2                       | 271                            |
| 10/25/2025 | 20:15:00 | 7.3          | 2.263          | 2.9           | 718,491         | 13.3                       | 271                            |
| 10/25/2025 | 20:30:00 | 7.3          | 2.786          | 3             | 718,532         | 13                         | 265                            |
| 10/25/2025 | 20:45:00 | 7.3          | 2.771          | 3.2           | 718,570         | 12.8                       | 266                            |
| 10/25/2025 | 21:00:00 | 7.4          | 2.176          | 3.1           | 718,609         | 12.9                       | 266                            |
| 10/25/2025 | 21:15:00 | 7.4          | 2.763          | 3.1           | 718,648         | 13                         | 268                            |
| 10/25/2025 | 21:30:00 | 7.4          | 2.282          | 3.1           | 718,687         | 13.3                       | 267                            |
| 10/25/2025 | 21:45:00 | 7.4          | 2.843          | 1.1           | 718,708         | 13.3                       | 265                            |
| 10/25/2025 | 22:00:00 | 7.4          | 2.877          | 4.9           | 718,746         | 12.6                       | 263                            |
| 10/25/2025 | 22:15:00 | 7.4          | 2.358          | 1.2           | 718,788         | 12.6                       | 266                            |
| 10/25/2025 | 22:30:00 | 7.4          | 2.835          | 0.7           | 718,827         | 12.7                       | 268                            |
| 10/25/2025 | 22:45:00 | 7.4          | 2.801          | 0.7           | 718,869         | 12.9                       | 267                            |
| 10/25/2025 | 23:00:00 | 7.4          | 2.233          | 1.4           | 718,908         | 13.2                       | 267                            |
| 10/25/2025 | 23:15:00 | 7.4          | 2.820          | 1.3           | 718,929         | 13.4                       | 268                            |
| 10/25/2025 | 23:30:00 | 7.4          | 2.801          | 0.7           | 718,971         | 13                         | 267                            |
| 10/25/2025 | 23:45:00 | 7.4          | 2.192          | 0.7           | 719,013         | 13.2                       | 269                            |
| 10/26/2025 | 0:00:00  | 7.4          | 2.324          | 1.1           | 719,046         | 13.5                       | 269                            |
| 10/26/2025 | 0:15:00  | 7.4          | 2.831          | 0.4           | 719,087         | 13.4                       | 268                            |
| 10/26/2025 | 0:30:00  | 7.4          | 2.824          | 0.5           | 719,129         | 13.4                       | 268                            |
| 10/26/2025 | 1:00:00  | 7.4          | 3.221          | 3.5           | 719,200         | 12.9                       | 267                            |
| 10/26/2025 | 1:15:00  | 7.4          | 3.191          | 5.3           | 719,248         | 13.2                       | 266                            |
| 10/26/2025 | 1:30:00  | 7.4          | 2.570          | 5.5           | 719,293         | 13.5                       | 264                            |
| 10/26/2025 | 1:45:00  | 7.4          | 3.251          | 3.6           | 719,317         | 14.2                       | 266                            |
| 10/26/2025 | 2:00:00  | 7.4          | 3.198          | 4.7           | 719,365         | 13.4                       | 261                            |
| 10/26/2025 | 2:30:00  | 7.4          | 2.532          | 124.1         | 719,427         | 14.4                       | 264                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
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**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time    | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|---------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/26/2025 | 2:45:00 | 7.4          | 3.028          | 1.8           | 719,472         | 13.2                       | 263                            |
| 10/26/2025 | 3:00:00 | 7.4          | 2.998          | 0.8           | 719,517         | 12.9                       | 263                            |
| 10/26/2025 | 3:15:00 | 7.4          | 2.528          | 0.8           | 719,556         | 13                         | 263                            |
| 10/26/2025 | 3:30:00 | 7.4          | 2.994          | 2.8           | 719,598         | 13                         | 263                            |
| 10/26/2025 | 3:45:00 | 7.4          | 3.020          | 1             | 719,623         | 13.5                       | 264                            |
| 10/26/2025 | 4:00:00 | 7.4          | 2.528          | 0.6           | 719,665         | 13.1                       | 262                            |
| 10/26/2025 | 4:30:00 | 7.4          | 3.013          | 1.7           | 719,741         | 12.5                       | 263                            |
| 10/26/2025 | 4:45:00 | 7.4          | 2.396          | 6.6           | 719,786         | 12.7                       | 264                            |
| 10/26/2025 | 5:00:00 | 7.4          | 2.585          | 4.3           | 719,802         | 14                         | 264                            |
| 10/26/2025 | 5:15:00 | 7.4          | 3.047          | 4.6           | 719,847         | 13.2                       | 261                            |
| 10/26/2025 | 5:30:00 | 7.4          | 3.013          | 3.7           | 719,892         | 13.3                       | 261                            |
| 10/26/2025 | 5:45:00 | 7.4          | 2.014          | 1.7           | 719,930         | 13.3                       | 263                            |
| 10/26/2025 | 6:00:00 | 7.4          | 3.130          | 2.1           | 719,955         | 13.5                       | 263                            |
| 10/26/2025 | 6:15:00 | 7.4          | 3.085          | 4.9           | 720,001         | 13.7                       | 263                            |
| 10/26/2025 | 7:00:00 | 7.4          | 3.032          | 2.7           | 720,098         | 13.3                       | 267                            |
| 10/26/2025 | 7:15:00 | 7.4          | 2.407          | 4.9           | 720,143         | 13.2                       | 267                            |
| 10/26/2025 | 7:30:00 | 7.4          | 2.578          | 1.5           | 720,163         | 13.4                       | 266                            |
| 10/26/2025 | 7:45:00 | 7.4          | 3.020          | 2.6           | 720,207         | 13.1                       | 268                            |
| 10/26/2025 | 8:00:00 | 7.4          | 2.793          | 8.6           | 720,250         | 13.3                       | 266                            |
| 10/26/2025 | 8:15:00 | 7.4          | 2.328          | 2.7           | 720,287         | 13.7                       | 263                            |
| 10/26/2025 | 8:30:00 | 7.4          | 1.241          | 25.9          | 720,323         | 13.2                       | 262                            |
| 10/26/2025 | 8:45:00 | 7.4          | 2.865          | 0             | 720,357         | 13.1                       | 266                            |
| 10/26/2025 | 9:00:00 | 7.4          | 2.297          | 0             | 720,397         | 13.2                       | 266                            |
| 10/26/2025 | 9:15:00 | 7.4          | 2.846          | 0.2           | 720,434         | 13.1                       | 267                            |
| 10/26/2025 | 9:30:00 | 7.4          | 2.816          | 1.6           | 720,476         | 13.1                       | 268                            |

## Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/26/2025 | 9:45:00  | 7.4          | 1.885          | 16.1          | 720,508         | 13.3                       | 266                            |
| 10/26/2025 | 10:00:00 | 7.4          | 1.953          | 0.1           | 720,538         | 13.2                       | 266                            |
| 10/26/2025 | 10:15:00 | 7.4          | 2.865          | 2.1           | 720,578         | 13.3                       | 268                            |
| 10/26/2025 | 10:45:00 | 7.4          | 2.377          | 1.3           | 720,638         | 13.9                       | 267                            |
| 10/26/2025 | 11:00:00 | 7.4          | 2.873          | 0             | 720,677         | 13.7                       | 267                            |
| 10/26/2025 | 11:30:00 | 7.4          | 2.263          | 1             | 720,715         | 13.5                       | 266                            |
| 10/26/2025 | 11:45:00 | 7.4          | 2.873          | 0.8           | 720,753         | 13.5                       | 266                            |
| 10/26/2025 | 12:00:00 | 7.4          | 2.854          | 1.9           | 720,796         | 13.5                       | 263                            |
| 10/26/2025 | 12:15:00 | 7.4          | 2.460          | 3.9           | 720,838         | 13.6                       | 265                            |
| 10/26/2025 | 12:30:00 | 7.4          | 2.460          | 0             | 720,877         | 13.7                       | 265                            |
| 10/26/2025 | 12:45:00 | 7.4          | 2.911          | 0             | 720,920         | 13.6                       | 265                            |
| 10/26/2025 | 13:00:00 | 7.4          | 2.896          | 0             | 720,963         | 13.5                       | 265                            |
| 10/26/2025 | 13:15:00 | 7.4          | 2.441          | 2.8           | 721,002         | 13.7                       | 264                            |
| 10/26/2025 | 13:30:00 | 7.4          | 2.918          | 0.4           | 721,042         | 13.6                       | 265                            |
| 10/26/2025 | 13:45:00 | 7.4          | 2.892          | 1.2           | 721,086         | 13.6                       | 265                            |
| 10/26/2025 | 14:00:00 | 7.4          | 2.460          | 3.7           | 721,126         | 13.8                       | 263                            |
| 10/26/2025 | 14:15:00 | 7.5          | 2.892          | 4.6           | 721,164         | 13.6                       | 263                            |
| 10/26/2025 | 14:30:00 | 7.5          | 1.416          | 12.7          | 721,203         | 13.5                       | 262                            |
| 10/26/2025 | 14:45:00 | 7.5          | 2.305          | 13.8          | 721,243         | 13.4                       | 260                            |
| 10/26/2025 | 15:00:00 | 7.3          | 0.375          | 0             | 721,267         | 14.1                       | 262                            |
| 10/26/2025 | 15:15:00 | 7.4          | 2.880          | 0.6           | 721,299         | 14                         | 262                            |
| 10/26/2025 | 15:30:00 | 7.4          | 2.854          | 0             | 721,342         | 14                         | 262                            |
| 10/26/2025 | 15:45:00 | 7.4          | 2.403          | 4             | 721,380         | 14.1                       | 261                            |
| 10/26/2025 | 16:15:00 | 7.3          | 2.899          | 4.2           | 721,440         | 13.4                       | 267                            |
| 10/26/2025 | 16:30:00 | 7.4          | 2.350          | 2.6           | 721,480         | 13.5                       | 267                            |

# Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**

**0**

**Data Date Range** October 20 ,2025 to October 26, 2025

**Prepared by:**

**SD**

**Approved by:**

**BC2**

**Date:**

**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/26/2025 | 16:45:00 | 7.3          | 2.877          | 2.5           | 721,518         | 13.6                       | 273                            |
| 10/26/2025 | 17:00:00 | 7.2          | 2.896          | 2.4           | 721,537         | 14.6                       | 287                            |
| 10/26/2025 | 17:15:00 | 7.4          | 2.335          | 4.9           | 721,580         | 13.4                       | 288                            |
| 10/26/2025 | 17:30:00 | 7.5          | 2.438          | 3.8           | 721,616         | 13.6                       | 289                            |
| 10/26/2025 | 17:45:00 | 7.2          | 2.884          | 4.7           | 721,659         | 13.7                       | 286                            |
| 10/26/2025 | 18:00:00 | 7.1          | 2.888          | 10.8          | 721,671         | 15                         | 297                            |
| 10/26/2025 | 18:15:00 | 7.1          | 2.411          | 15.9          | 721,709         | 14.4                       | 307                            |
| 10/26/2025 | 18:30:00 | 7.4          | 2.835          | 36.8          | 721,749         | 14.5                       | 308                            |
| 10/26/2025 | 18:45:00 | 7.5          | 2.831          | 7.6           | 721,792         | 13.8                       | 309                            |
| 10/26/2025 | 19:00:00 | 7.3          | 1.900          | 11.6          | 721,828         | 13.6                       | 308                            |
| 10/26/2025 | 19:15:00 | 7.3          | 2.793          | 9.2           | 721,847         | 14.2                       | 305                            |
| 10/26/2025 | 19:30:00 | 7.2          | 2.759          | 2.8           | 721,888         | 13.3                       | 300                            |
| 10/26/2025 | 19:45:00 | 7.1          | 2.157          | 3.4           | 721,928         | 13.5                       | 301                            |
| 10/26/2025 | 20:00:00 | 7.4          | 3.130          | 20.8          | 721,955         | 13.7                       | 294                            |
| 10/26/2025 | 20:15:00 | 7.4          | 2.880          | 1.3           | 721,987         | 12.6                       | 293                            |
| 10/26/2025 | 20:30:00 | 7.4          | 2.896          | 2             | 722,007         | 12.9                       | 294                            |
| 10/26/2025 | 20:45:00 | 7.5          | 2.366          | 6.9           | 722,030         | 12.6                       | 294                            |
| 10/26/2025 | 21:00:00 | 7.6          | 3.017          | 1.7           | 722,074         | 12.5                       | 294                            |
| 10/26/2025 | 21:15:00 | 7.6          | 3.020          | 4.7           | 722,115         | 12.3                       | 293                            |
| 10/26/2025 | 21:30:00 | 7.6          | 2.491          | 4.5           | 722,159         | 12                         | 294                            |
| 10/26/2025 | 22:00:00 | 7.6          | 2.634          | 4.1           | 722,217         | 11.8                       | 293                            |
| 10/26/2025 | 22:15:00 | 7.4          | 2.831          | 0.7           | 722,256         | 11.8                       | 292                            |
| 10/26/2025 | 22:30:00 | 7.4          | 2.816          | 1             | 722,294         | 11.8                       | 288                            |
| 10/26/2025 | 22:45:00 | 7.4          | 2.392          | 0.5           | 722,335         | 11.8                       | 285                            |
| 10/26/2025 | 23:00:00 | 7.3          | 3.187          | 1.3           | 722,353         | 12                         | 285                            |



|                                                                                  |                                                |                                                                                     |          |
|----------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------|----------|
|  |                                                | <b>Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope</b>                 |          |
| <b>Title</b>                                                                     | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                                                    | <b>0</b> |
| <b>Data Date Range</b>                                                           | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b> SD<br><b>Approved by:</b> BC2<br><b>Date:</b> November 17, 2025 |          |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|----------------------------|--------------------------------|
| 10/26/2025 | 23:15:00 | 7.3          | 2.286          | 2.1           | 722,392         | 11.9                       | 287                            |
| 10/26/2025 | 23:30:00 | 7.4          | 2.816          | 0.3           | 722,434         | 11.8                       | 286                            |

**Table 3. In-Situ Parameters**

| Date       | Temperature °C | DO mg/L | Conductivity SPC-uS/cm | SAL-ppt | pH   | ORP (mV) | NTU  |
|------------|----------------|---------|------------------------|---------|------|----------|------|
| 10/20/2025 | 12.8           | 9.38    | 195.2                  | 0.09    | 7.68 | 152.1    | 1.20 |
| 10/21/2025 | 12.5           | 10.45   | 185.2                  | 0.09    | 8.02 | 172.5    | 3.50 |
| 10/22/2025 | 13.8           | 10.01   | 193.1                  | 0.09    | 7.73 | 164.9    | 3.01 |
| 10/23/2025 | 13.9           | 10.32   | 209.4                  | 0.09    | 7.89 | 188.9    | 2.28 |
| 10/24/2025 | 12.3           | 10.99   | 218.8                  | 0.09    | 8.12 | 179.8    | 4.01 |
| 10/25/2025 | 14.5           | 10.47   | 245.3                  | 0.10    | 7.71 | 188.8    | 2.70 |
| 10/26/2025 | 13.8           | 10.12   | 200.4                  | 0.10    | 7.25 | 167.4    | 2.59 |

### 3. Calibration Log:

**Table 4. Calibration Log**

| Date       | Unit | pH | Conductivity/Temp. | Salinity | NTU |
|------------|------|----|--------------------|----------|-----|
| 10/21/2025 | YSI  | ✓  | ✓                  | ✓        | ✓   |
| 10/21/2025 | WTP  | ✓  | N/A                | N/A      | ✓   |

|                                                                                  |                                                |                                                                                     |          |
|----------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------|----------|
|  |                                                | <b>Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope</b>                 |          |
| <b>Title</b>                                                                     | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                                                    | <b>0</b> |
| <b>Data Date Range</b>                                                           | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b> SD<br><b>Approved by:</b> BC2<br><b>Date:</b> November 17, 2025 |          |

# APPENDIX A: WTP Log

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time    | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|---------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/20/2025 | 0:00:00 | 6.8          | 2.774          | 1.4           | 700,248         | Open                   | 13.8                       | 285                            |
| 10/20/2025 | 0:15:00 | 6.8          | 2.354          | 0.4           | 700,289         | Open                   | 13.4                       | 283                            |
| 10/20/2025 | 0:30:00 | 6.8          | 2.252          | 0.7           | 700,326         | Open                   | 13.5                       | 283                            |
| 10/20/2025 | 0:45:00 | 6.8          | 2.767          | 0.7           | 700,346         | Open                   | 13.5                       | 282                            |
| 10/20/2025 | 1:00:00 | 6.8          | 0.674          | 0.3           | 700,371         | Closed                 | 13.6                       | 283                            |
| 10/20/2025 | 1:15:00 | 6.9          | 2.767          | 0.8           | 700,405         | Open                   | 13.5                       | 283                            |
| 10/20/2025 | 1:30:00 | 6.9          | 2.740          | 1.2           | 700,446         | Open                   | 13.4                       | 287                            |
| 10/20/2025 | 1:45:00 | 6.8          | 2.763          | 0.9           | 700,463         | Open                   | 14                         | 288                            |
| 10/20/2025 | 2:00:00 | 6.9          | 0.549          | 0.8           | 700,494         | Closed                 | 13.6                       | 290                            |
| 10/20/2025 | 2:15:00 | 6.9          | 2.362          | 1.2           | 700,516         | Open                   | 13.6                       | 290                            |
| 10/20/2025 | 2:30:00 | 6.8          | 2.260          | 3.9           | 700,553         | Open                   | 13.9                       | 292                            |
| 10/20/2025 | 2:45:00 | 6.6          | 2.771          | 1.3           | 700,577         | Open                   | 14                         | 287                            |
| 10/20/2025 | 3:00:00 | 6.6          | 2.369          | 0.3           | 700,616         | Open                   | 14.2                       | 289                            |
| 10/20/2025 | 3:15:00 | 6.4          | 0.553          | 2.3           | 700,651         | Closed                 | 14.4                       | 289                            |
| 10/20/2025 | 3:30:00 | 6.4          | 2.759          | 0.3           | 700,678         | Open                   | 14.2                       | 288                            |
| 10/20/2025 | 3:45:00 | 6.4          | 2.748          | 0.7           | 700,716         | Open                   | 14.2                       | 288                            |
| 10/20/2025 | 4:00:00 | 6.4          | 0.466          | 2.3           | 700,747         | Closed                 | 14.3                       | 286                            |
| 10/20/2025 | 4:15:00 | 6.4          | 2.362          | 1.4           | 700,779         | Open                   | 14.1                       | 286                            |
| 10/20/2025 | 4:30:00 | 6.3          | 0.829          | 1.8           | 700,816         | Closed                 | 14.5                       | 284                            |
| 10/20/2025 | 4:45:00 | 6.4          | 2.759          | 1.9           | 700,834         | Open                   | 14.3                       | 286                            |
| 10/20/2025 | 5:00:00 | 6.4          | 2.460          | 0.9           | 700,872         | Open                   | 14.2                       | 286                            |
| 10/20/2025 | 5:15:00 | 6.4          | 2.771          | 1.8           | 700,891         | Open                   | 14.7                       | 284                            |
| 10/20/2025 | 5:30:00 | 6.4          | 2.744          | 1             | 700,933         | Open                   | 14.2                       | 286                            |
| 10/20/2025 | 5:45:00 | 6.4          | 2.759          | 1.7           | 700,954         | Open                   | 14.5                       | 288                            |
| 10/20/2025 | 6:00:00 | 6.1          | 0.356          | 0.2           | 700,985         | Closed                 | 14.7                       | 284                            |

## Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/20/2025 | 6:15:00  | 5.8          | 0.424          | 0.4           | 701,013         | Closed                 | 14.7                       | 287                            |
| 10/20/2025 | 6:30:00  | 5.8          | 2.271          | 2.1           | 701,039         | Open                   | 14.8                       | 285                            |
| 10/20/2025 | 6:45:00  | 6            | 2.744          | 1.5           | 701,078         | Open                   | 14.4                       | 283                            |
| 10/20/2025 | 7:00:00  | 6.1          | 0.375          | 4.1           | 701,113         | Closed                 | 14.7                       | 285                            |
| 10/20/2025 | 7:15:00  | 5.7          | 2.755          | 0.6           | 701,139         | Open                   | 15                         | 281                            |
| 10/20/2025 | 7:30:00  | 5.5          | 2.737          | 1.4           | 701,166         | Open                   | 15.5                       | 279                            |
| 10/20/2025 | 7:45:00  | 5.6          | 2.759          | 0.1           | 701,204         | Open                   | 14.6                       | 279                            |
| 10/20/2025 | 8:00:00  | 5.8          | 2.748          | 0             | 701,233         | Open                   | 14.1                       | 273                            |
| 10/20/2025 | 8:15:00  | 6.2          | 2.350          | 0             | 701,274         | Open                   | 13.9                       | 276                            |
| 10/20/2025 | 8:30:00  | 6.5          | 2.313          | 0.1           | 701,296         | Open                   | 14.1                       | 279                            |
| 10/20/2025 | 8:45:00  | 6.6          | 2.752          | 1.3           | 701,336         | Open                   | 13.7                       | 279                            |
| 10/20/2025 | 9:00:00  | 6.3          | 2.347          | 0             | 701,374         | Open                   | 14.2                       | 278                            |
| 10/20/2025 | 9:15:00  | 6            | 2.759          | 0             | 701,397         | Open                   | 14.6                       | 278                            |
| 10/20/2025 | 9:30:00  | 5.7          | 0.337          | 0             | 701,414         | Closed                 | 15.1                       | 279                            |
| 10/20/2025 | 9:45:00  | 5.3          | 2.782          | 0             | 701,447         | Open                   | 14.5                       | 274                            |
| 10/20/2025 | 10:00:00 | 5.7          | 0.337          | 0             | 701,470         | Closed                 | 15                         | 278                            |
| 10/20/2025 | 10:15:00 | 5.5          | 2.403          | 0             | 701,509         | Open                   | 14.5                       | 274                            |
| 10/20/2025 | 10:30:00 | 6.4          | 2.305          | 0.6           | 701,546         | Open                   | 13.9                       | 273                            |
| 10/20/2025 | 10:45:00 | 6.8          | 2.774          | 0             | 701,586         | Open                   | 13.4                       | 278                            |
| 10/20/2025 | 11:00:00 | 6.8          | 2.411          | 0             | 701,611         | Open                   | 13.6                       | 278                            |
| 10/20/2025 | 11:15:00 | 6.9          | 2.793          | 0.9           | 701,649         | Open                   | 13.4                       | 278                            |
| 10/20/2025 | 11:30:00 | 6.9          | 0.220          | 0.4           | 701,680         | Closed                 | 13.4                       | 276                            |
| 10/20/2025 | 11:45:00 | 6.9          | 2.786          | 0.1           | 701,707         | Open                   | 13.2                       | 278                            |
| 10/20/2025 | 12:00:00 | 6.9          | 2.801          | 0             | 701,732         | Open                   | 13.2                       | 278                            |
| 10/20/2025 | 12:15:00 | 6.9          | 2.218          | 0.3           | 701,756         | Closed                 | 13.3                       | 278                            |

## Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/20/2025 | 12:30:00 | 6.9          | 2.297          | 0             | 701,792         | Open                   | 13.2                       | 278                            |
| 10/20/2025 | 12:45:00 | 6.9          | 2.668          | 0             | 701,819         | Closed                 | 13.2                       | 278                            |
| 10/20/2025 | 13:00:00 | 6.9          | 2.396          | 0             | 701,858         | Open                   | 13.1                       | 277                            |
| 10/20/2025 | 13:15:00 | 6.9          | 2.793          | 0.4           | 701,879         | Open                   | 13.2                       | 276                            |
| 10/20/2025 | 13:30:00 | 6.9          | 2.793          | 0             | 701,902         | Open                   | 13.3                       | 276                            |
| 10/20/2025 | 13:45:00 | 6.9          | 2.771          | 0.1           | 701,941         | Open                   | 12.9                       | 276                            |
| 10/20/2025 | 14:00:00 | 6.9          | 1.525          | 2.8           | 701,966         | Open                   | 12.9                       | 276                            |
| 10/20/2025 | 14:15:00 | 6.9          | 1.393          | 0.2           | 701,998         | Open                   | 12.8                       | 276                            |
| 10/20/2025 | 14:30:00 | 6.9          | 2.771          | 0.7           | 702,031         | Open                   | 12.7                       | 280                            |
| 10/20/2025 | 14:45:00 | 7            | 0.185          | 0.9           | 702,065         | Closed                 | 12.8                       | 280                            |
| 10/20/2025 | 15:00:00 | 7            | 2.385          | 1.1           | 702,095         | Open                   | 12.7                       | 282                            |
| 10/20/2025 | 15:15:00 | 7            | 2.771          | 2.1           | 702,136         | Open                   | 12.6                       | 280                            |
| 10/20/2025 | 15:30:00 | 7            | 2.774          | 2.6           | 702,173         | Open                   | 12.6                       | 280                            |
| 10/20/2025 | 15:45:00 | 7            | 2.790          | 1.9           | 702,197         | Open                   | 12.6                       | 280                            |
| 10/20/2025 | 16:00:00 | 7            | 2.286          | 0.5           | 702,239         | Open                   | 13                         | 278                            |
| 10/20/2025 | 16:15:00 | 6.8          | 2.377          | 1.1           | 702,275         | Open                   | 13.5                       | 279                            |
| 10/20/2025 | 16:30:00 | 6.5          | 2.782          | 0             | 702,302         | Open                   | 13.8                       | 274                            |
| 10/20/2025 | 16:45:00 | 6.5          | 2.279          | 0             | 702,341         | Open                   | 14                         | 276                            |
| 10/20/2025 | 17:00:00 | 6.4          | 2.385          | 0             | 702,357         | Open                   | 14.7                       | 278                            |
| 10/20/2025 | 17:15:00 | 6            | 2.774          | 0             | 702,381         | Open                   | 14.6                       | 272                            |
| 10/20/2025 | 17:30:00 | 5.7          | 2.786          | 0             | 702,406         | Open                   | 14.6                       | 274                            |
| 10/20/2025 | 17:45:00 | 6            | 2.771          | 0             | 702,445         | Open                   | 14                         | 271                            |
| 10/20/2025 | 18:00:00 | 6.3          | 2.275          | 0.4           | 702,486         | Open                   | 13.9                       | 274                            |
| 10/20/2025 | 18:15:00 | 6.3          | 0.178          | 0             | 702,519         | Closed                 | 14.1                       | 273                            |
| 10/20/2025 | 18:30:00 | 6.4          | 2.771          | 0             | 702,551         | Open                   | 13.7                       | 276                            |

## Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/20/2025 | 18:45:00 | 6.6          | 0.288          | 2.7           | 702,588         | Closed                 | 13.6                       | 273                            |
| 10/20/2025 | 19:00:00 | 6.8          | 2.377          | 0.1           | 702,614         | Open                   | 13.2                       | 276                            |
| 10/20/2025 | 19:15:00 | 6.9          | 2.544          | 0.3           | 702,634         | Closed                 | 13.2                       | 277                            |
| 10/20/2025 | 19:30:00 | 6.9          | 2.767          | 0.5           | 702,671         | Open                   | 12.8                       | 277                            |
| 10/20/2025 | 19:45:00 | 7            | 0.000          | 0             | 702,692         | Open                   | 12.9                       | 276                            |
| 10/20/2025 | 20:00:00 | 7            | 2.135          | 0             | 702,733         | Open                   | 12.6                       | 274                            |
| 10/20/2025 | 20:15:00 | 6.9          | 2.051          | 0.3           | 702,757         | Open                   | 12.5                       | 274                            |
| 10/20/2025 | 20:30:00 | 6.9          | 2.407          | 0             | 702,789         | Open                   | 12.6                       | 273                            |
| 10/20/2025 | 20:45:00 | 6.9          | 2.275          | 0.2           | 702,827         | Open                   | 12.7                       | 273                            |
| 10/20/2025 | 21:00:00 | 6.9          | 0.329          | 0.4           | 702,854         | Open                   | 12.9                       | 273                            |
| 10/20/2025 | 21:15:00 | 7            | 2.774          | 0             | 702,887         | Open                   | 12.7                       | 273                            |
| 10/20/2025 | 21:30:00 | 6.9          | 2.771          | 0             | 702,925         | Open                   | 12.9                       | 272                            |
| 10/20/2025 | 21:45:00 | 6.9          | 2.759          | 0             | 702,963         | Open                   | 12.8                       | 271                            |
| 10/20/2025 | 22:00:00 | 6.9          | 2.286          | 0             | 702,992         | Open                   | 13.2                       | 272                            |
| 10/20/2025 | 22:15:00 | 6.8          | 2.385          | 0             | 703,029         | Open                   | 13.2                       | 271                            |
| 10/20/2025 | 22:30:00 | 6.7          | 2.782          | 0             | 703,056         | Open                   | 13.6                       | 273                            |
| 10/20/2025 | 22:45:00 | 6.6          | 2.415          | 1.7           | 703,094         | Open                   | 13.4                       | 271                            |
| 10/20/2025 | 23:00:00 | 6.6          | 0.341          | 0             | 703,127         | Open                   | 13.5                       | 273                            |
| 10/20/2025 | 23:15:00 | 6.6          | 2.771          | 0.1           | 703,160         | Open                   | 13.4                       | 273                            |
| 10/20/2025 | 23:30:00 | 6.6          | 0.447          | 1.4           | 703,188         | Open                   | 13.8                       | 274                            |
| 10/20/2025 | 23:45:00 | 6.5          | 2.771          | 0             | 703,225         | Open                   | 13.5                       | 273                            |
| 10/21/2025 | 0:00:00  | 6.4          | 2.279          | 1.4           | 703,250         | Open                   | 14.4                       | 274                            |
| 10/21/2025 | 0:15:00  | 6.3          | 2.396          | 0.4           | 703,275         | Open                   | 14.1                       | 277                            |
| 10/21/2025 | 0:30:00  | 6.3          | 2.771          | 0.2           | 703,314         | Open                   | 13.7                       | 273                            |
| 10/21/2025 | 0:45:00  | 6.3          | 2.282          | 0.8           | 703,352         | Open                   | 13.8                       | 275                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time    | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|---------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/21/2025 | 1:00:00 | 6.1          | 2.161          | 0.3           | 703,380         | Open                   | 14.3                       | 272                            |
| 10/21/2025 | 1:15:00 | 6            | 2.755          | 3.1           | 703,421         | Open                   | 13.9                       | 275                            |
| 10/21/2025 | 1:30:00 | 5.9          | 0.481          | 5.7           | 703,456         | Open                   | 14                         | 275                            |
| 10/21/2025 | 1:45:00 | 6            | 2.763          | 0.2           | 703,486         | Open                   | 14                         | 277                            |
| 10/21/2025 | 2:00:00 | 6.1          | 2.263          | 1.9           | 703,527         | Open                   | 14                         | 277                            |
| 10/21/2025 | 2:15:00 | 6.1          | 2.388          | 3.2           | 703,553         | Open                   | 14                         | 277                            |
| 10/21/2025 | 2:30:00 | 6.3          | 2.763          | 0.4           | 703,592         | Open                   | 13.6                       | 274                            |
| 10/21/2025 | 2:45:00 | 6.5          | 0.348          | 2.7           | 703,626         | Open                   | 13.6                       | 274                            |
| 10/21/2025 | 3:00:00 | 6.6          | 2.354          | 0.5           | 703,658         | Open                   | 13.5                       | 275                            |
| 10/21/2025 | 3:15:00 | 6.6          | 2.748          | 0.4           | 703,699         | Open                   | 13.4                       | 274                            |
| 10/21/2025 | 3:30:00 | 6.6          | 2.774          | 0.4           | 703,723         | Open                   | 13.8                       | 276                            |
| 10/21/2025 | 3:45:00 | 6.3          | 2.755          | 0.1           | 703,762         | Open                   | 14                         | 275                            |
| 10/21/2025 | 4:00:00 | 6.2          | 2.282          | 2.3           | 703,784         | Open                   | 14.5                       | 273                            |
| 10/21/2025 | 4:15:00 | 6.2          | 2.366          | 0.1           | 703,785         | Open                   | 14                         | 273                            |
| 10/21/2025 | 4:30:00 | 6.3          | 0.825          | 0.5           | 703,816         | Closed                 | 14.1                       | 273                            |
| 10/21/2025 | 4:45:00 | 6.2          | 2.294          | 2.3           | 703,838         | Open                   | 14.2                       | 274                            |
| 10/21/2025 | 5:00:00 | 6.3          | 0.780          | 0.8           | 703,851         | Closed                 | 14.6                       | 274                            |
| 10/21/2025 | 5:15:00 | 6.3          | 2.767          | 1.6           | 703,890         | Open                   | 14                         | 274                            |
| 10/21/2025 | 5:30:00 | 6.2          | 2.763          | 1.8           | 703,927         | Open                   | 14                         | 274                            |
| 10/21/2025 | 5:45:00 | 6.3          | 2.752          | 1.8           | 703,965         | Open                   | 13.9                       | 276                            |
| 10/21/2025 | 6:00:00 | 6.3          | 2.271          | 5.1           | 703,988         | Open                   | 14.8                       | 276                            |
| 10/21/2025 | 6:15:00 | 6.1          | 2.381          | 2.4           | 704,025         | Open                   | 14.3                       | 277                            |
| 10/21/2025 | 6:30:00 | 6.1          | 0.617          | 3.1           | 704,056         | Closed                 | 14.4                       | 276                            |
| 10/21/2025 | 6:45:00 | 6.5          | 2.279          | 5.4           | 704,082         | Open                   | 14.1                       | 278                            |
| 10/21/2025 | 7:00:00 | 6.7          | 0.617          | 5             | 704,108         | Closed                 | 14.1                       | 282                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range** October 20 ,2025 to October 26, 2025

**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/21/2025 | 7:15:00  | 6.8          | 2.755          | 4.3           | 704,146         | Open                   | 13.6                       | 280                            |
| 10/21/2025 | 7:30:00  | 6.9          | 0.545          | 5.6           | 704,178         | Closed                 | 13.6                       | 279                            |
| 10/21/2025 | 7:45:00  | 7.2          | 2.793          | 0             | 704,198         | Open                   | 13.3                       | 113                            |
| 10/21/2025 | 8:00:00  | 7            | 2.286          | 7.7           | 704,238         | Open                   | 12.8                       | 273                            |
| 10/21/2025 | 8:15:00  | 7            | 2.366          | 3.9           | 704,276         | Open                   | 12.7                       | 277                            |
| 10/21/2025 | 8:30:00  | 7            | 2.790          | 3.7           | 704,297         | Open                   | 12.7                       | 277                            |
| 10/21/2025 | 8:45:00  | 7            | 2.294          | 10.2          | 704,335         | Open                   | 12.8                       | 281                            |
| 10/21/2025 | 9:00:00  | 7            | 2.502          | 5.7           | 704,358         | Open                   | 12.9                       | 282                            |
| 10/21/2025 | 9:15:00  | 7            | 2.790          | 4.5           | 704,392         | Open                   | 12.7                       | 282                            |
| 10/21/2025 | 9:30:00  | 7            | 2.782          | 4.2           | 704,428         | Open                   | 12.6                       | 282                            |
| 10/21/2025 | 9:45:00  | 7            | 0.443          | 1.8           | 704,451         | Closed                 | 12.9                       | 282                            |
| 10/21/2025 | 10:00:00 | 7            | 1.480          | 9.4           | 704,482         | Open                   | 12.9                       | 282                            |
| 10/21/2025 | 10:15:00 | 7            | 2.388          | 6.3           | 704,506         | Open                   | 12.9                       | 282                            |
| 10/21/2025 | 10:30:00 | 7.1          | 2.755          | 4             | 704,546         | Open                   | 12.9                       | 282                            |
| 10/21/2025 | 10:45:00 | 7            | 2.294          | 6.6           | 704,569         | Open                   | 13.1                       | 286                            |
| 10/21/2025 | 11:00:00 | 7            | 2.173          | 1.4           | 704,603         | Open                   | 13                         | 282                            |
| 10/21/2025 | 11:15:00 | 7            | 0.961          | 2.6           | 704,605         | Closed                 | 13.1                       | 282                            |
| 10/21/2025 | 11:30:00 | 7            | 2.786          | 5.1           | 704,639         | Open                   | 13.1                       | 282                            |
| 10/21/2025 | 11:45:00 | 7            | 2.778          | 3             | 704,673         | Open                   | 13                         | 281                            |
| 10/21/2025 | 12:00:00 | 7            | 2.297          | 10.4          | 704,713         | Open                   | 13                         | 281                            |
| 10/21/2025 | 12:15:00 | 7            | 2.600          | 3.1           | 704,734         | Open                   | 13.3                       | 281                            |
| 10/21/2025 | 12:30:00 | 7            | 2.763          | 5.3           | 704,774         | Open                   | 13.1                       | 279                            |
| 10/21/2025 | 12:45:00 | 7            | 2.313          | 8.1           | 704,795         | Open                   | 13.3                       | 282                            |
| 10/21/2025 | 13:00:00 | 7            | 2.778          | 3.3           | 704,832         | Open                   | 13.3                       | 281                            |
| 10/21/2025 | 13:15:00 | 7            | 2.763          | 6             | 704,874         | Open                   | 13.2                       | 279                            |



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**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/21/2025 | 13:30:00 | 7            | 2.774          | 4.7           | 704,892         | Open                   | 13.5                       | 279                            |
| 10/21/2025 | 13:45:00 | 7            | 2.774          | 4.9           | 704,912         | Open                   | 13.5                       | 281                            |
| 10/21/2025 | 14:00:00 | 7            | 0.594          | 5.1           | 704,934         | Closed                 | 13.6                       | 281                            |
| 10/21/2025 | 14:15:00 | 7            | 1.151          | 4             | 704,956         | Open                   | 13.3                       | 281                            |
| 10/21/2025 | 14:30:00 | 7            | 2.786          | 6.7           | 704,990         | Open                   | 13.3                       | 282                            |
| 10/21/2025 | 14:45:00 | 7            | 2.294          | 4.7           | 705,028         | Open                   | 13.5                       | 281                            |
| 10/21/2025 | 15:00:00 | 7            | 0.553          | 3.9           | 705,055         | Closed                 | 13.6                       | 281                            |
| 10/21/2025 | 15:15:00 | 7            | 2.782          | 3.3           | 705,093         | Open                   | 13.4                       | 278                            |
| 10/21/2025 | 15:30:00 | 7            | 2.771          | 4.8           | 705,131         | Open                   | 13.4                       | 281                            |
| 10/21/2025 | 15:45:00 | 7            | 0.534          | 2.7           | 705,155         | Closed                 | 13.6                       | 281                            |
| 10/21/2025 | 16:00:00 | 7            | 1.317          | 12.6          | 705,192         | Open                   | 13.4                       | 278                            |
| 10/21/2025 | 16:15:00 | 7            | 2.388          | 2.4           | 705,222         | Open                   | 13.3                       | 279                            |
| 10/21/2025 | 16:30:00 | 7            | 0.496          | 3             | 705,259         | Closed                 | 13.3                       | 279                            |
| 10/21/2025 | 16:45:00 | 7            | 2.309          | 3.5           | 705,279         | Open                   | 13.4                       | 281                            |
| 10/21/2025 | 17:00:00 | 7            | 2.805          | 2.7           | 705,295         | Open                   | 13.4                       | 281                            |
| 10/21/2025 | 17:15:00 | 7            | 2.786          | 6.9           | 705,337         | Open                   | 13.2                       | 278                            |
| 10/21/2025 | 17:30:00 | 7            | 0.458          | 5.6           | 705,371         | Closed                 | 13.2                       | 278                            |
| 10/21/2025 | 17:45:00 | 7            | 2.801          | 2             | 705,399         | Open                   | 13.1                       | 278                            |
| 10/21/2025 | 18:00:00 | 7            | 2.301          | 4.2           | 705,439         | Open                   | 13.1                       | 278                            |
| 10/21/2025 | 18:15:00 | 7            | 2.426          | 1.1           | 705,474         | Open                   | 13.1                       | 279                            |
| 10/21/2025 | 18:30:00 | 7            | 2.827          | 1.7           | 705,500         | Open                   | 13                         | 279                            |
| 10/21/2025 | 18:45:00 | 7            | 0.394          | 4.7           | 705,531         | Closed                 | 13.1                       | 279                            |
| 10/21/2025 | 19:00:00 | 7            | 2.824          | 1.7           | 705,563         | Open                   | 12.9                       | 277                            |
| 10/21/2025 | 19:15:00 | 7            | 0.371          | 2.4           | 705,601         | Closed                 | 12.8                       | 277                            |
| 10/21/2025 | 19:30:00 | 7            | 2.820          | 1             | 705,625         | Open                   | 12.8                       | 277                            |

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**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/21/2025 | 19:45:00 | 7            | 2.805          | 3.1           | 705,664         | Open                   | 12.7                       | 274                            |
| 10/21/2025 | 20:00:00 | 7            | 0.379          | 1.3           | 705,688         | Closed                 | 12.9                       | 276                            |
| 10/21/2025 | 20:15:00 | 7            | 1.192          | 0.8           | 705,711         | Open                   | 12.6                       | 275                            |
| 10/21/2025 | 20:30:00 | 7            | 2.763          | 2.5           | 705,740         | Open                   | 12.5                       | 275                            |
| 10/21/2025 | 20:45:00 | 7            | 2.229          | 2.8           | 705,777         | Open                   | 12.5                       | 276                            |
| 10/21/2025 | 21:00:00 | 7            | 2.702          | 0.9           | 705,814         | Open                   | 12.5                       | 277                            |
| 10/21/2025 | 21:15:00 | 7            | 2.979          | 2.7           | 705,841         | Open                   | 12.6                       | 280                            |
| 10/21/2025 | 21:30:00 | 7            | 2.684          | 1.1           | 705,877         | Open                   | 12.4                       | 280                            |
| 10/21/2025 | 21:45:00 | 7            | 2.691          | 2             | 705,898         | Open                   | 12.3                       | 282                            |
| 10/21/2025 | 22:00:00 | 7            | 2.214          | 7.5           | 705,937         | Open                   | 12.3                       | 282                            |
| 10/21/2025 | 22:15:00 | 7            | 0.394          | 2.6           | 705,960         | Closed                 | 12.4                       | 280                            |
| 10/21/2025 | 22:30:00 | 7            | 3.274          | 2.7           | 706,006         | Open                   | 12.3                       | 280                            |
| 10/21/2025 | 22:45:00 | 7            | 2.547          | 7.4           | 706,035         | Open                   | 12.5                       | 278                            |
| 10/21/2025 | 23:00:00 | 7            | 2.877          | 2.7           | 706,075         | Open                   | 12.4                       | 277                            |
| 10/21/2025 | 23:15:00 | 7            | 0.273          | 1.4           | 706,110         | Closed                 | 12.4                       | 277                            |
| 10/21/2025 | 23:30:00 | 7            | 2.884          | 1.6           | 706,143         | Open                   | 12.4                       | 277                            |
| 10/21/2025 | 23:45:00 | 7            | 2.903          | 3.4           | 706,167         | Open                   | 12.5                       | 277                            |
| 10/22/2025 | 0:00:00  | 7            | 0.310          | 3.5           | 706,208         | Closed                 | 12.4                       | 277                            |
| 10/22/2025 | 0:15:00  | 7            | 0.276          | 2.8           | 706,228         | Closed                 | 12.4                       | 277                            |
| 10/22/2025 | 0:30:00  | 7.1          | 2.880          | 3.7           | 706,259         | Open                   | 12.4                       | 277                            |
| 10/22/2025 | 0:45:00  | 7.1          | 2.400          | 9.3           | 706,285         | Open                   | 12.6                       | 278                            |
| 10/22/2025 | 1:00:00  | 7.1          | 0.216          | 1.6           | 706,318         | Closed                 | 12.5                       | 275                            |
| 10/22/2025 | 1:15:00  | 7.1          | 2.865          | 2             | 706,352         | Open                   | 12.5                       | 276                            |
| 10/22/2025 | 1:30:00  | 7.1          | 1.453          | 2.4           | 706,367         | Open                   | 12.4                       | 276                            |
| 10/22/2025 | 1:45:00  | 7            | 2.267          | 1.4           | 706,395         | Open                   | 12.3                       | 275                            |

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| Date       | Time    | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|---------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/22/2025 | 2:00:00 | 7            | 2.949          | 0.9           | 706,426         | Closed                 | 12.4                       | 276                            |
| 10/22/2025 | 2:15:00 | 7            | 3.032          | 1.9           | 706,466         | Open                   | 12.3                       | 275                            |
| 10/22/2025 | 2:30:00 | 7            | 3.047          | 1             | 706,493         | Open                   | 12.3                       | 275                            |
| 10/22/2025 | 2:45:00 | 7            | 2.952          | 1.1           | 706,521         | Open                   | 12.4                       | 274                            |
| 10/22/2025 | 3:00:00 | 7            | 2.536          | 2.2           | 706,561         | Open                   | 12.3                       | 272                            |
| 10/22/2025 | 3:15:00 | 7            | 0.185          | 1.8           | 706,596         | Closed                 | 12.4                       | 275                            |
| 10/22/2025 | 3:30:00 | 7            | 1.980          | 5.2           | 706,627         | Open                   | 12.4                       | 277                            |
| 10/22/2025 | 3:45:00 | 7            | 1.870          | 3.3           | 706,663         | Open                   | 12.4                       | 277                            |
| 10/22/2025 | 4:00:00 | 7            | 2.926          | 2.1           | 706,706         | Open                   | 12.4                       | 276                            |
| 10/22/2025 | 4:15:00 | 7            | 2.801          | 3.1           | 706,726         | Open                   | 12.4                       | 275                            |
| 10/22/2025 | 4:30:00 | 7            | 2.907          | 2.2           | 706,766         | Open                   | 12.5                       | 275                            |
| 10/22/2025 | 4:45:00 | 7            | 2.926          | 4             | 706,795         | Open                   | 12.6                       | 275                            |
| 10/22/2025 | 5:00:00 | 7            | 2.453          | 2.7           | 706,833         | Open                   | 12.7                       | 276                            |
| 10/22/2025 | 5:15:00 | 7            | 2.903          | 3.4           | 706,874         | Open                   | 12.8                       | 274                            |
| 10/22/2025 | 5:30:00 | 7            | 2.400          | 9.1           | 706,900         | Open                   | 12.9                       | 275                            |
| 10/22/2025 | 5:45:00 | 7            | 0.174          | 1.7           | 706,933         | Closed                 | 12.8                       | 277                            |
| 10/22/2025 | 6:00:00 | 7            | 2.911          | 2.5           | 706,969         | Open                   | 12.7                       | 276                            |
| 10/22/2025 | 6:15:00 | 7            | 2.937          | 10.1          | 706,988         | Open                   | 13.1                       | 277                            |
| 10/22/2025 | 6:30:00 | 7            | 2.907          | 1.4           | 707,028         | Open                   | 12.8                       | 277                            |
| 10/22/2025 | 6:45:00 | 7            | 2.918          | 2.6           | 707,058         | Open                   | 12.9                       | 277                            |
| 10/22/2025 | 7:00:00 | 7            | 2.438          | 1.6           | 707,080         | Open                   | 13.5                       | 278                            |
| 10/22/2025 | 7:15:00 | 6.9          | 2.907          | 3.3           | 707,121         | Open                   | 13.1                       | 273                            |
| 10/22/2025 | 7:30:00 | 6.9          | 2.415          | 3.3           | 707,146         | Open                   | 13.2                       | 274                            |
| 10/22/2025 | 7:45:00 | 6.9          | 0.155          | 0             | 707,181         | Closed                 | 13.1                       | 271                            |
| 10/22/2025 | 8:00:00 | 6.9          | 2.911          | 0.8           | 707,214         | Open                   | 13                         | 269                            |

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| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/22/2025 | 8:15:00  | 6.9          | 0.129          | 0             | 707,244         | Closed                 | 13.2                       | 269                            |
| 10/22/2025 | 8:30:00  | 6.8          | 2.899          | 0             | 707,276         | Open                   | 13.1                       | 269                            |
| 10/22/2025 | 8:45:00  | 6.8          | 0.220          | 1.1           | 707,301         | Closed                 | 13.1                       | 271                            |
| 10/22/2025 | 9:00:00  | 6.8          | 2.544          | 0.8           | 707,329         | Open                   | 13.1                       | 274                            |
| 10/22/2025 | 9:15:00  | 6.8          | 2.903          | 0.5           | 707,370         | Open                   | 13.1                       | 276                            |
| 10/22/2025 | 9:30:00  | 6.8          | 2.381          | 5             | 707,411         | Open                   | 13.3                       | 279                            |
| 10/22/2025 | 9:45:00  | 6.5          | 2.487          | 0             | 707,437         | Open                   | 14.4                       | 283                            |
| 10/22/2025 | 10:00:00 | 6.5          | 2.820          | 4.1           | 707,475         | Open                   | 14.8                       | 278                            |
| 10/22/2025 | 10:15:00 | 7.1          | 2.805          | 4             | 707,513         | Open                   | 14.4                       | 282                            |
| 10/22/2025 | 10:30:00 | 7.4          | 0.394          | 4.5           | 707,548         | Open                   | 14                         | 282                            |
| 10/22/2025 | 10:45:00 | 14.9         | 2.808          | 0             | 707,580         | Open                   | 13.3                       | 282                            |
| 10/22/2025 | 11:00:00 | 7            | 2.369          | 0             | 707,616         | Open                   | 13.3                       | 282                            |
| 10/22/2025 | 11:15:00 | 7.3          | 2.805          | 0.7           | 707,656         | Open                   | 13.3                       | 282                            |
| 10/22/2025 | 11:30:00 | 7.3          | 0.409          | 2.7           | 707,683         | Open                   | 13.4                       | 283                            |
| 10/22/2025 | 11:45:00 | 7.4          | 2.377          | 3             | 707,717         | Open                   | 13.1                       | 283                            |
| 10/22/2025 | 12:00:00 | 7.4          | 2.808          | 1             | 707,759         | Open                   | 13                         | 284                            |
| 10/22/2025 | 12:15:00 | 7.3          | 0.379          | 2.7           | 707,791         | Open                   | 13.2                       | 284                            |
| 10/22/2025 | 12:30:00 | 7.3          | 2.835          | 1.6           | 707,824         | Open                   | 13                         | 279                            |
| 10/22/2025 | 12:45:00 | 7.3          | 0.405          | 2.8           | 707,863         | Open                   | 13                         | 281                            |
| 10/22/2025 | 13:00:00 | 7.3          | 2.377          | 2.8           | 707,886         | Open                   | 13.1                       | 283                            |
| 10/22/2025 | 13:15:00 | 7.3          | 2.899          | 1.8           | 707,922         | Open                   | 13.1                       | 284                            |
| 10/22/2025 | 13:30:00 | 7.3          | 2.411          | 5.6           | 707,951         | Open                   | 13.3                       | 288                            |
| 10/22/2025 | 13:45:00 | 7.4          | 2.487          | 1.5           | 707,984         | Open                   | 13.3                       | 285                            |
| 10/22/2025 | 14:00:00 | 7.3          | 2.930          | 4.3           | 708,009         | Open                   | 13.3                       | 283                            |
| 10/22/2025 | 14:15:00 | 7.3          | 2.665          | 1.7           | 708,032         | Closed                 | 13.2                       | 283                            |

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|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/22/2025 | 14:30:00 | 7.3          | 0.159          | 1.4           | 708,033         | Open                   | 13.3                       | 288                            |
| 10/22/2025 | 14:45:00 | 7.3          | 2.362          | 3.4           | 708,075         | Open                   | 13.2                       | 285                            |
| 10/22/2025 | 15:00:00 | 7.3          | 2.449          | 2.3           | 708,113         | Open                   | 13.2                       | 287                            |
| 10/22/2025 | 15:15:00 | 7.3          | 0.356          | 3.6           | 708,149         | Open                   | 13.3                       | 283                            |
| 10/22/2025 | 15:30:00 | 7.3          | 2.362          | 8.8           | 708,176         | Open                   | 13.4                       | 287                            |
| 10/22/2025 | 15:45:00 | 7.4          | 2.483          | 8.2           | 708,213         | Open                   | 13.5                       | 287                            |
| 10/22/2025 | 16:00:00 | 7.4          | 2.896          | 5.3           | 708,256         | Open                   | 13.4                       | 287                            |
| 10/22/2025 | 16:15:00 | 7.4          | 0.360          | 8.9           | 708,283         | Open                   | 13.8                       | 287                            |
| 10/22/2025 | 16:30:00 | 7.3          | 2.937          | 3.7           | 708,316         | Open                   | 13.3                       | 286                            |
| 10/22/2025 | 16:45:00 | 7.3          | 0.409          | 4.3           | 708,352         | Open                   | 13.4                       | 284                            |
| 10/22/2025 | 17:00:00 | 7.3          | 2.494          | 3.6           | 708,387         | Open                   | 13.4                       | 288                            |
| 10/22/2025 | 17:15:00 | 7.3          | 0.371          | 2.9           | 708,424         | Open                   | 13.4                       | 285                            |
| 10/22/2025 | 17:30:00 | 7.3          | 0.348          | 6.5           | 708,454         | Open                   | 13.6                       | 288                            |
| 10/22/2025 | 17:45:00 | 7.4          | 2.509          | 2.9           | 708,482         | Open                   | 13.5                       | 288                            |
| 10/22/2025 | 18:00:00 | 7.3          | 2.949          | 6.2           | 708,514         | Open                   | 13.8                       | 288                            |
| 10/22/2025 | 18:15:00 | 7.2          | 2.930          | 5.1           | 708,552         | Open                   | 13.5                       | 288                            |
| 10/22/2025 | 18:30:00 | 7.3          | 2.949          | 2.6           | 708,578         | Open                   | 13.5                       | 290                            |
| 10/22/2025 | 18:45:00 | 7.3          | 2.407          | 4.4           | 708,622         | Open                   | 13.4                       | 287                            |
| 10/22/2025 | 19:00:00 | 7.3          | 0.507          | 5.3           | 708,640         | Closed                 | 13.5                       | 289                            |
| 10/22/2025 | 19:15:00 | 7.3          | 2.169          | 3.7           | 708,665         | Open                   | 13.1                       | 286                            |
| 10/22/2025 | 19:30:00 | 7.3          | 2.914          | 5.5           | 708,709         | Open                   | 13.1                       | 286                            |
| 10/22/2025 | 19:45:00 | 7.3          | 2.778          | 4.1           | 708,735         | Open                   | 13.1                       | 284                            |
| 10/22/2025 | 20:00:00 | 7.3          | 2.740          | 3.5           | 708,760         | Open                   | 13                         | 283                            |
| 10/22/2025 | 20:15:00 | 7.3          | 2.218          | 7.6           | 708,799         | Open                   | 13                         | 283                            |
| 10/22/2025 | 20:30:00 | 7.3          | 1.877          | 3.4           | 708,829         | Closed                 | 12.8                       | 281                            |

# Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/22/2025 | 20:45:00 | 7.4          | 2.820          | 3.9           | 708,850         | Open                   | 12.6                       | 280                            |
| 10/22/2025 | 21:00:00 | 7.3          | 2.812          | 5.7           | 708,887         | Open                   | 12.7                       | 283                            |
| 10/22/2025 | 21:15:00 | 7.4          | 2.831          | 4.7           | 708,910         | Open                   | 12.8                       | 283                            |
| 10/22/2025 | 21:30:00 | 7.4          | 2.808          | 5.1           | 708,952         | Open                   | 12.5                       | 284                            |
| 10/22/2025 | 21:45:00 | 7.3          | 2.839          | 5.2           | 708,978         | Open                   | 12.5                       | 289                            |
| 10/22/2025 | 22:00:00 | 7.5          | 2.835          | 5.4           | 709,017         | Open                   | 12.5                       | 291                            |
| 10/22/2025 | 22:15:00 | 7.4          | 2.475          | 36.6          | 709,057         | Open                   | 12.7                       | 292                            |
| 10/22/2025 | 22:30:00 | 6.9          | 2.509          | 0.8           | 709,082         | Open                   | 12.5                       | 314                            |
| 10/22/2025 | 22:45:00 | 7            | 2.945          | 1.2           | 709,124         | Open                   | 12.9                       | 294                            |
| 10/22/2025 | 23:00:00 | 7            | 2.926          | 1.5           | 709,163         | Open                   | 12.9                       | 292                            |
| 10/22/2025 | 23:15:00 | 7.1          | 2.922          | 1.6           | 709,187         | Open                   | 13                         | 290                            |
| 10/22/2025 | 23:30:00 | 7.2          | 2.896          | 1.8           | 709,230         | Open                   | 12.7                       | 288                            |
| 10/22/2025 | 23:45:00 | 7.2          | 2.907          | 1.7           | 709,269         | Open                   | 12.7                       | 288                            |
| 10/23/2025 | 0:15:00  | 7.2          | 0.375          | 1.5           | 709,323         | Closed                 | 12.8                       | 282                            |
| 10/23/2025 | 0:30:00  | 7.2          | 2.646          | 0.8           | 709,358         | Open                   | 13.2                       | 283                            |
| 10/23/2025 | 0:45:00  | 7.2          | 2.869          | 0.7           | 709,386         | Open                   | 13.4                       | 280                            |
| 10/23/2025 | 1:00:00  | 7.5          | 1.681          | 3.2           | 709,414         | Open                   | 13.4                       | 278                            |
| 10/23/2025 | 1:15:00  | 7.1          | 2.850          | 0.9           | 709,438         | Open                   | 13.7                       | 281                            |
| 10/23/2025 | 1:30:00  | 7.2          | 2.896          | 0.5           | 709,482         | Open                   | 13.7                       | 277                            |
| 10/23/2025 | 1:45:00  | 7.2          | 2.899          | 0.4           | 709,509         | Open                   | 14                         | 278                            |
| 10/23/2025 | 2:00:00  | 7.2          | 2.896          | 4.9           | 709,533         | Open                   | 14.7                       | 278                            |
| 10/23/2025 | 2:15:00  | 7.2          | 2.324          | 7.3           | 709,574         | Open                   | 14.4                       | 283                            |
| 10/23/2025 | 2:30:00  | 7.3          | 2.320          | 4.6           | 709,587         | Open                   | 15                         | 288                            |
| 10/23/2025 | 2:45:00  | 7.3          | 2.877          | 2.3           | 709,628         | Open                   | 14.3                       | 286                            |
| 10/23/2025 | 3:00:00  | 7.3          | 2.858          | 0.7           | 709,666         | Open                   | 14.8                       | 287                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time    | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|---------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/23/2025 | 3:15:00 | 7.2          | 2.865          | 0.3           | 709,693         | Open                   | 14.8                       | 285                            |
| 10/23/2025 | 3:30:00 | 7.1          | 0.492          | 0.2           | 709,733         | Closed                 | 14.5                       | 280                            |
| 10/23/2025 | 3:45:00 | 7.2          | 2.899          | 0             | 709,755         | Open                   | 14.7                       | 280                            |
| 10/23/2025 | 4:00:00 | 7.2          | 2.729          | 0.1           | 709,775         | Closed                 | 14.2                       | 276                            |
| 10/23/2025 | 4:15:00 | 7.2          | 2.309          | 0.3           | 709,801         | Open                   | 14.3                       | 278                            |
| 10/23/2025 | 4:30:00 | 7.2          | 1.730          | 0.4           | 709,836         | Closed                 | 14.2                       | 278                            |
| 10/23/2025 | 4:45:00 | 7.4          | 2.593          | 5             | 709,854         | Open                   | 13.7                       | 281                            |
| 10/23/2025 | 5:00:00 | 7.2          | 2.888          | 1.5           | 709,892         | Open                   | 13.9                       | 281                            |
| 10/23/2025 | 5:15:00 | 7.3          | 0.727          | 0.5           | 709,920         | Closed                 | 14.2                       | 279                            |
| 10/23/2025 | 5:30:00 | 7.2          | 2.873          | 1.6           | 709,954         | Open                   | 13.9                       | 278                            |
| 10/23/2025 | 5:45:00 | 7.2          | 2.892          | 1.6           | 709,977         | Open                   | 14.4                       | 283                            |
| 10/23/2025 | 6:00:00 | 7.2          | 2.998          | 1.8           | 709,999         | Open                   | 14.4                       | 284                            |
| 10/23/2025 | 6:15:00 | 7.2          | 2.377          | 1.2           | 710,040         | Open                   | 13.8                       | 284                            |
| 10/23/2025 | 6:30:00 | 7.3          | 2.407          | 0.5           | 710,058         | Open                   | 14.1                       | 282                            |
| 10/23/2025 | 6:45:00 | 7.2          | 2.873          | 0.5           | 710,081         | Open                   | 14                         | 283                            |
| 10/23/2025 | 7:00:00 | 7.2          | 2.858          | 0.9           | 710,119         | Open                   | 14.3                       | 280                            |
| 10/23/2025 | 7:15:00 | 7.2          | 2.808          | 0             | 710,145         | Open                   | 15.2                       | 281                            |
| 10/23/2025 | 7:30:00 | 7.2          | 2.843          | 0.6           | 710,187         | Open                   | 14.4                       | 276                            |
| 10/23/2025 | 7:45:00 | 7.3          | 2.816          | 0             | 710,216         | Open                   | 14.3                       | 277                            |
| 10/23/2025 | 8:00:00 | 7.1          | 2.725          | 0.1           | 710,233         | Open                   | 15.8                       | 273                            |
| 10/23/2025 | 8:15:00 | 7.2          | 0.469          | 0.3           | 710,268         | Closed                 | 14.8                       | 273                            |
| 10/23/2025 | 8:30:00 | 7.2          | 2.282          | 0             | 710,295         | Open                   | 14.5                       | 270                            |
| 10/23/2025 | 8:45:00 | 7.2          | 2.801          | 1.1           | 710,320         | Open                   | 14.2                       | 274                            |
| 10/23/2025 | 9:00:00 | 7.3          | 0.500          | 1             | 710,355         | Closed                 | 13.7                       | 278                            |
| 10/23/2025 | 9:15:00 | 7.2          | 2.786          | 1             | 710,391         | Open                   | 13.3                       | 278                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/23/2025 | 9:30:00  | 7.2          | 2.771          | 0.9           | 710,433         | Open                   | 13.2                       | 277                            |
| 10/23/2025 | 9:45:00  | 7.2          | 2.763          | 2.3           | 710,474         | Open                   | 13.2                       | 277                            |
| 10/23/2025 | 10:00:00 | 7.2          | 2.192          | 3.1           | 710,497         | Open                   | 13.3                       | 277                            |
| 10/23/2025 | 10:15:00 | 7.3          | 2.820          | 2.5           | 710,537         | Open                   | 13.2                       | 278                            |
| 10/23/2025 | 10:30:00 | 7.3          | 0.405          | 2.2           | 710,570         | Closed                 | 13.4                       | 282                            |
| 10/23/2025 | 10:45:00 | 7.3          | 2.188          | 2.8           | 710,601         | Open                   | 13.3                       | 283                            |
| 10/23/2025 | 11:00:00 | 7.4          | 2.835          | 3.3           | 710,622         | Open                   | 13.3                       | 281                            |
| 10/23/2025 | 11:15:00 | 7.3          | 2.831          | 5.4           | 710,664         | Open                   | 13.2                       | 283                            |
| 10/23/2025 | 11:30:00 | 7.2          | 2.824          | 4.1           | 710,706         | Open                   | 13.1                       | 281                            |
| 10/23/2025 | 11:45:00 | 7.2          | 2.914          | 5.5           | 710,735         | Open                   | 13                         | 281                            |
| 10/23/2025 | 12:00:00 | 7.2          | 2.903          | 3.9           | 710,779         | Open                   | 13.1                       | 281                            |
| 10/23/2025 | 12:15:00 | 7.3          | 2.903          | 5.2           | 710,821         | Open                   | 13.1                       | 281                            |
| 10/23/2025 | 12:30:00 | 7.3          | 2.354          | 10.9          | 710,862         | Open                   | 13.4                       | 283                            |
| 10/23/2025 | 12:45:00 | 7.2          | 2.850          | 6             | 710,905         | Open                   | 13.3                       | 283                            |
| 10/23/2025 | 13:00:00 | 7.3          | 0.310          | 4.8           | 710,942         | Closed                 | 13.4                       | 281                            |
| 10/23/2025 | 13:15:00 | 7.3          | 2.381          | 10.9          | 710,972         | Open                   | 13.4                       | 283                            |
| 10/23/2025 | 13:30:00 | 7.3          | 2.918          | 6.1           | 711,002         | Open                   | 13.3                       | 283                            |
| 10/23/2025 | 13:45:00 | 7.4          | 2.911          | 6.5           | 711,045         | Open                   | 13.3                       | 283                            |
| 10/23/2025 | 14:00:00 | 7.4          | 2.907          | 6.1           | 711,089         | Open                   | 13.2                       | 283                            |
| 10/23/2025 | 14:15:00 | 7.3          | 0.326          | 6.5           | 711,120         | Closed                 | 13.4                       | 283                            |
| 10/23/2025 | 14:30:00 | 7.4          | 2.914          | 5             | 711,156         | Open                   | 13.5                       | 282                            |
| 10/23/2025 | 14:45:00 | 7.4          | 2.896          | 4             | 711,200         | Open                   | 13.8                       | 281                            |
| 10/23/2025 | 15:00:00 | 7.3          | 0.341          | 5.8           | 711,229         | Closed                 | 14.3                       | 281                            |
| 10/23/2025 | 15:15:00 | 7.4          | 2.808          | 4.2           | 711,264         | Open                   | 14.1                       | 278                            |
| 10/23/2025 | 15:30:00 | 7.3          | 0.280          | 4             | 711,303         | Closed                 | 14.3                       | 278                            |



**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range** October 20 ,2025 to October 26, 2025

**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/23/2025 | 15:45:00 | 7.3          | 2.241          | 5.5           | 711,330         | Open                   | 14.4                       | 278                            |
| 10/23/2025 | 16:00:00 | 7.3          | 2.805          | 4.1           | 711,369         | Open                   | 14.3                       | 280                            |
| 10/23/2025 | 16:15:00 | 7.3          | 2.805          | 3.5           | 711,387         | Open                   | 14.5                       | 280                            |
| 10/23/2025 | 16:30:00 | 7.3          | 0.295          | 4.4           | 711,415         | Closed                 | 14.7                       | 280                            |
| 10/23/2025 | 16:45:00 | 7.3          | 2.797          | 5.3           | 711,449         | Open                   | 14.4                       | 280                            |
| 10/23/2025 | 17:00:00 | 7.3          | 2.827          | 4.8           | 711,476         | Open                   | 14.5                       | 278                            |
| 10/23/2025 | 17:15:00 | 7.3          | 2.797          | 3.7           | 711,518         | Open                   | 14.1                       | 276                            |
| 10/23/2025 | 17:30:00 | 7.3          | 2.188          | 7.1           | 711,556         | Open                   | 14.3                       | 278                            |
| 10/23/2025 | 17:45:00 | 7.3          | 0.273          | 3.3           | 711,583         | Closed                 | 14.5                       | 277                            |
| 10/23/2025 | 18:00:00 | 7.3          | 2.808          | 3.7           | 711,622         | Open                   | 14.2                       | 277                            |
| 10/23/2025 | 18:15:00 | 7.2          | 2.195          | 7             | 711,663         | Open                   | 14.2                       | 277                            |
| 10/23/2025 | 18:30:00 | 7.3          | 2.797          | 4             | 711,702         | Open                   | 14                         | 276                            |
| 10/23/2025 | 18:45:00 | 7.3          | 2.812          | 5.4           | 711,729         | Open                   | 13.9                       | 276                            |
| 10/23/2025 | 19:00:00 | 7.2          | 2.786          | 5.4           | 711,771         | Open                   | 13.8                       | 276                            |
| 10/23/2025 | 19:15:00 | 7.3          | 0.201          | 7             | 711,804         | Closed                 | 13.8                       | 277                            |
| 10/23/2025 | 19:30:00 | 7.3          | 0.076          | 4.8           | 711,830         | Closed                 | 13.9                       | 278                            |
| 10/23/2025 | 19:45:00 | 7.3          | 2.801          | 5.4           | 711,855         | Open                   | 13.8                       | 278                            |
| 10/23/2025 | 20:00:00 | 7.2          | 1.556          | 11.1          | 711,889         | Open                   | 13.8                       | 276                            |
| 10/23/2025 | 20:15:00 | 7.3          | 1.862          | 6.7           | 711,914         | Open                   | 13.7                       | 278                            |
| 10/23/2025 | 20:30:00 | 7.2          | 2.714          | 4.8           | 711,954         | Open                   | 13.9                       | 276                            |
| 10/23/2025 | 20:45:00 | 7.2          | 2.036          | 4.8           | 711,993         | Open                   | 14.1                       | 276                            |
| 10/23/2025 | 21:00:00 | 7.3          | 3.054          | 5.5           | 712,015         | Open                   | 14                         | 277                            |
| 10/23/2025 | 21:15:00 | 7.4          | 1.540          | 7.1           | 712,042         | Open                   | 13.2                       | 278                            |
| 10/23/2025 | 21:30:00 | 7.2          | 2.937          | 5.6           | 712,080         | Open                   | 13.4                       | 279                            |
| 10/23/2025 | 21:45:00 | 7.2          | 2.771          | 5.7           | 712,105         | Open                   | 13.8                       | 281                            |

## Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/23/2025 | 22:00:00 | 7.2          | 2.952          | 5.8           | 712,149         | Open                   | 13.3                       | 279                            |
| 10/23/2025 | 22:15:00 | 7.2          | 2.937          | 5.9           | 712,193         | Open                   | 13.2                       | 279                            |
| 10/23/2025 | 22:30:00 | 7.3          | 0.167          | 6.1           | 712,220         | Closed                 | 13.4                       | 281                            |
| 10/23/2025 | 22:45:00 | 7.3          | 0.068          | 6             | 712,252         | Closed                 | 13.1                       | 281                            |
| 10/23/2025 | 23:00:00 | 7.2          | 2.914          | 5.7           | 712,284         | Open                   | 13.3                       | 279                            |
| 10/23/2025 | 23:15:00 | 7.3          | 2.195          | 5.7           | 712,310         | Open                   | 13.8                       | 281                            |
| 10/23/2025 | 23:30:00 | 7.2          | 2.907          | 5.7           | 712,350         | Open                   | 13.3                       | 279                            |
| 10/23/2025 | 23:45:00 | 7.3          | 2.854          | 5.3           | 712,393         | Open                   | 13.4                       | 281                            |
| 10/24/2025 | 0:00:00  | 7.3          | 2.850          | 4.9           | 712,436         | Open                   | 13.5                       | 282                            |
| 10/24/2025 | 0:15:00  | 7.3          | 2.850          | 4.9           | 712,462         | Open                   | 13.8                       | 279                            |
| 10/24/2025 | 0:30:00  | 7.3          | 2.835          | 4.7           | 712,504         | Open                   | 13.9                       | 281                            |
| 10/24/2025 | 0:45:00  | 7.4          | 1.170          | 5.5           | 712,528         | Open                   | 14.1                       | 273                            |
| 10/24/2025 | 1:00:00  | 7.3          | 2.165          | 5             | 712,555         | Open                   | 14.1                       | 277                            |
| 10/24/2025 | 1:15:00  | 7.3          | 2.774          | 4.8           | 712,596         | Open                   | 14                         | 276                            |
| 10/24/2025 | 1:30:00  | 7.3          | 2.782          | 4.8           | 712,638         | Open                   | 14.3                       | 278                            |
| 10/24/2025 | 1:45:00  | 7.3          | 2.176          | 4.6           | 712,677         | Open                   | 14.2                       | 278                            |
| 10/24/2025 | 2:00:00  | 7.2          | 2.782          | 4.4           | 712,702         | Open                   | 14.4                       | 277                            |
| 10/24/2025 | 2:15:00  | 7.2          | 2.748          | 4.5           | 712,743         | Open                   | 14.2                       | 277                            |
| 10/24/2025 | 2:30:00  | 7.3          | 2.725          | 4.6           | 712,784         | Open                   | 13.9                       | 279                            |
| 10/24/2025 | 2:45:00  | 7.3          | 2.903          | 8             | 712,805         | Open                   | 13.9                       | 281                            |
| 10/24/2025 | 3:00:00  | 7.2          | 2.907          | 5.2           | 712,840         | Open                   | 14                         | 283                            |
| 10/24/2025 | 3:15:00  | 7.4          | 2.271          | 7.8           | 712,879         | Open                   | 13.9                       | 284                            |
| 10/24/2025 | 3:30:00  | 7.3          | 2.320          | 5.7           | 712,907         | Open                   | 14.3                       | 286                            |
| 10/24/2025 | 3:45:00  | 7.3          | 2.949          | 5.7           | 712,936         | Open                   | 14.2                       | 284                            |
| 10/24/2025 | 4:00:00  | 7.3          | 2.967          | 5.9           | 712,967         | Open                   | 14.6                       | 286                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range** October 20 ,2025 to October 26, 2025

**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/24/2025 | 4:15:00  | 7.3          | 2.139          | 5.8           | 713,009         | Open                   | 14.2                       | 286                            |
| 10/24/2025 | 4:30:00  | 7.2          | 2.941          | 5.9           | 713,047         | Open                   | 14                         | 286                            |
| 10/24/2025 | 4:45:00  | 7.2          | 2.922          | 5.8           | 713,078         | Open                   | 14.4                       | 287                            |
| 10/24/2025 | 5:00:00  | 7.4          | 0.897          | 8.9           | 713,115         | Open                   | 13.9                       | 286                            |
| 10/24/2025 | 5:15:00  | 7.3          | 2.975          | 6.4           | 713,130         | Open                   | 14.1                       | 289                            |
| 10/24/2025 | 5:30:00  | 7.3          | 2.937          | 6.1           | 713,174         | Open                   | 13.9                       | 289                            |
| 10/24/2025 | 5:45:00  | 7.3          | 2.941          | 6.3           | 713,203         | Open                   | 13.8                       | 289                            |
| 10/24/2025 | 6:00:00  | 7.3          | 0.000          | 7.6           | 713,238         | Closed                 | 14.1                       | 291                            |
| 10/24/2025 | 6:15:00  | 7.2          | 2.884          | 6.1           | 713,238         | Closed                 | 14                         | 288                            |
| 10/24/2025 | 6:30:00  | 7.3          | 2.903          | 6.4           | 713,238         | Closed                 | 14.2                       | 288                            |
| 10/24/2025 | 6:45:00  | 7.3          | 0.912          | 6.3           | 713,246         | Closed                 | 14.6                       | 290                            |
| 10/24/2025 | 7:00:00  | 7.2          | 2.896          | 6.4           | 713,281         | Open                   | 14.6                       | 289                            |
| 10/24/2025 | 7:15:00  | 7.3          | 0.855          | 6.2           | 713,314         | Closed                 | 15                         | 288                            |
| 10/24/2025 | 7:30:00  | 7.3          | 2.884          | 5.7           | 713,347         | Open                   | 14.9                       | 286                            |
| 10/24/2025 | 7:45:00  | 7.3          | 2.907          | 6             | 713,371         | Open                   | 16.1                       | 286                            |
| 10/24/2025 | 8:00:00  | 7.3          | 2.869          | 5.8           | 713,414         | Open                   | 14.7                       | 283                            |
| 10/24/2025 | 8:15:00  | 7.3          | 0.704          | 5.8           | 713,451         | Closed                 | 14.6                       | 288                            |
| 10/24/2025 | 8:30:00  | 7.3          | 2.245          | 6.9           | 713,472         | Open                   | 14.9                       | 285                            |
| 10/24/2025 | 8:45:00  | 7.3          | 2.877          | 5.7           | 713,500         | Open                   | 14.6                       | 283                            |
| 10/24/2025 | 9:00:00  | 7.2          | 2.850          | 6.2           | 713,542         | Open                   | 14.6                       | 282                            |
| 10/24/2025 | 9:15:00  | 7.3          | 2.226          | 6.4           | 713,560         | Open                   | 15.3                       | 279                            |
| 10/24/2025 | 9:30:00  | 7.3          | 2.861          | 5.7           | 713,579         | Open                   | 15.1                       | 279                            |
| 10/24/2025 | 9:45:00  | 7.3          | 0.545          | 6.3           | 713,618         | Closed                 | 14.8                       | 278                            |
| 10/24/2025 | 10:00:00 | 7.3          | 2.858          | 6.5           | 713,646         | Open                   | 14.9                       | 281                            |
| 10/24/2025 | 10:15:00 | 7.3          | 2.695          | 6.7           | 713,681         | Open                   | 14.6                       | 279                            |

# Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/24/2025 | 10:30:00 | 7.3          | 0.519          | 6.9           | 713,706         | Closed                 | 15.2                       | 122                            |
| 10/24/2025 | 10:45:00 | 7.3          | 2.676          | 6.4           | 713,744         | Open                   | 14.7                       | 282                            |
| 10/24/2025 | 11:00:00 | 7.3          | 1.635          | 9.6           | 713,776         | Open                   | 14.5                       | 280                            |
| 10/24/2025 | 11:15:00 | 7.3          | 2.737          | 6.7           | 713,816         | Open                   | 14.5                       | 282                            |
| 10/24/2025 | 11:30:00 | 7.3          | 2.748          | 6.9           | 713,857         | Open                   | 14.4                       | 282                            |
| 10/24/2025 | 11:45:00 | 7.2          | 2.104          | 7.3           | 713,896         | Open                   | 14.6                       | 283                            |
| 10/24/2025 | 12:00:00 | 7.3          | 2.729          | 7.4           | 713,922         | Open                   | 14.5                       | 287                            |
| 10/24/2025 | 12:15:00 | 7.3          | 2.733          | 7.4           | 713,963         | Open                   | 14.5                       | 287                            |
| 10/24/2025 | 12:30:00 | 7.3          | 2.721          | 7.3           | 714,004         | Open                   | 14.6                       | 288                            |
| 10/24/2025 | 12:45:00 | 7.3          | 2.714          | 7.4           | 714,027         | Open                   | 14.8                       | 287                            |
| 10/24/2025 | 13:00:00 | 7.3          | 0.394          | 8             | 714,058         | Closed                 | 14.8                       | 287                            |
| 10/24/2025 | 13:15:00 | 7.3          | 2.699          | 6.9           | 714,093         | Open                   | 14.6                       | 285                            |
| 10/24/2025 | 13:30:00 | 7.2          | 2.112          | 9.3           | 714,128         | Open                   | 15                         | 286                            |
| 10/24/2025 | 13:45:00 | 7.3          | 2.684          | 6.6           | 714,168         | Open                   | 14.7                       | 282                            |
| 10/24/2025 | 14:00:00 | 7.3          | 2.680          | 6.4           | 714,209         | Open                   | 14.8                       | 282                            |
| 10/24/2025 | 14:30:00 | 7.3          | 2.676          | 6.4           | 714,284         | Open                   | 15                         | 281                            |
| 10/24/2025 | 14:45:00 | 7.3          | 2.668          | 6.4           | 714,324         | Open                   | 15.1                       | 281                            |
| 10/24/2025 | 15:00:00 | 7.3          | 2.668          | 7             | 714,358         | Open                   | 15.1                       | 279                            |
| 10/24/2025 | 15:15:00 | 7.3          | 2.680          | 7.9           | 714,393         | Open                   | 14.9                       | 281                            |
| 10/24/2025 | 15:30:00 | 7.3          | 1.170          | 11.2          | 714,421         | Open                   | 14.5                       | 277                            |
| 10/24/2025 | 15:45:00 | 7.3          | 2.702          | 7.6           | 714,441         | Open                   | 14.2                       | 279                            |
| 10/24/2025 | 16:00:00 | 7.3          | 2.748          | 6.9           | 714,482         | Open                   | 14.8                       | 279                            |
| 10/24/2025 | 16:15:00 | 7.3          | 2.752          | 6.7           | 714,502         | Open                   | 16.2                       | 283                            |
| 10/24/2025 | 16:30:00 | 7.3          | 0.273          | 8.4           | 714,532         | Closed                 | 15.4                       | 279                            |
| 10/24/2025 | 16:45:00 | 7.3          | 3.032          | 8.4           | 714,568         | Open                   | 14.6                       | 277                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range** October 20 ,2025 to October 26, 2025

**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/24/2025 | 17:00:00 | 7.3          | 3.009          | 8.9           | 714,614         | Open                   | 14.4                       | 278                            |
| 10/24/2025 | 17:15:00 | 7.3          | 0.397          | 9.7           | 714,643         | Closed                 | 14.7                       | 277                            |
| 10/24/2025 | 17:30:00 | 7.3          | 3.036          | 9.1           | 714,680         | Open                   | 14.2                       | 277                            |
| 10/24/2025 | 17:45:00 | 7.3          | 2.933          | 11.6          | 714,725         | Open                   | 14.1                       | 278                            |
| 10/24/2025 | 18:00:00 | 7.3          | 0.322          | 14.8          | 714,761         | Closed                 | 14.4                       | 277                            |
| 10/24/2025 | 18:15:00 | 7.3          | 3.111          | 10.7          | 714,790         | Open                   | 14.2                       | 273                            |
| 10/24/2025 | 18:30:00 | 7.3          | 0.314          | 8.6           | 714,828         | Closed                 | 14.5                       | 277                            |
| 10/24/2025 | 18:45:00 | 7.3          | 2.801          | 9.1           | 714,864         | Open                   | 14.1                       | 275                            |
| 10/24/2025 | 19:00:00 | 7.3          | 2.010          | 0.4           | 714,896         | Open                   | 13.6                       | 273                            |
| 10/24/2025 | 19:15:00 | 7.4          | 3.036          | 0             | 714,929         | Open                   | 13.3                       | 277                            |
| 10/24/2025 | 19:30:00 | 7.3          | 0.261          | 0.4           | 714,964         | Closed                 | 13.2                       | 278                            |
| 10/24/2025 | 19:45:00 | 7.3          | 0.000          | 7.1           | 714,977         | Closed                 | 13.4                       | 114                            |
| 10/24/2025 | 20:00:00 | 7.4          | 3.051          | 2.1           | 714,994         | Open                   | 12.9                       | 276                            |
| 10/24/2025 | 20:15:00 | 7.4          | 3.013          | 1.2           | 715,039         | Open                   | 12.8                       | 277                            |
| 10/24/2025 | 20:30:00 | 7.4          | 2.714          | 3.7           | 715,084         | Open                   | 12.8                       | 277                            |
| 10/24/2025 | 20:45:00 | 7.4          | 3.198          | 4.5           | 715,126         | Open                   | 12.8                       | 276                            |
| 10/24/2025 | 21:00:00 | 7.4          | 0.053          | 1.9           | 715,159         | Closed                 | 13.2                       | 275                            |
| 10/24/2025 | 21:15:00 | 7.4          | 3.198          | 1.5           | 715,185         | Open                   | 13.1                       | 274                            |
| 10/24/2025 | 21:30:00 | 7.4          | 2.434          | 1.6           | 715,223         | Open                   | 13.2                       | 278                            |
| 10/24/2025 | 21:45:00 | 7.4          | 3.009          | 0             | 715,267         | Open                   | 13.1                       | 276                            |
| 10/24/2025 | 22:00:00 | 7.4          | 3.002          | 0             | 715,312         | Open                   | 13.4                       | 275                            |
| 10/24/2025 | 22:15:00 | 7.4          | 0.299          | 0             | 715,340         | Closed                 | 14.2                       | 276                            |
| 10/24/2025 | 22:30:00 | 7.4          | 3.028          | 13            | 715,374         | Open                   | 13.8                       | 274                            |
| 10/24/2025 | 22:45:00 | 7.4          | 0.238          | 0             | 715,407         | Closed                 | 14                         | 276                            |
| 10/24/2025 | 23:00:00 | 7.4          | 0.908          | 0             | 715,423         | Open                   | 13.9                       | 275                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/24/2025 | 23:15:00 | 7.3          | 3.032          | 4.4           | 715,441         | Open                   | 14.7                       | 279                            |
| 10/24/2025 | 23:30:00 | 7.3          | 2.994          | 2.6           | 715,486         | Open                   | 13.8                       | 276                            |
| 10/24/2025 | 23:45:00 | 7.3          | 3.092          | 2.6           | 715,531         | Open                   | 13.5                       | 277                            |
| 10/25/2025 | 0:00:00  | 7.3          | 2.502          | 3.4           | 715,570         | Open                   | 13.5                       | 276                            |
| 10/25/2025 | 0:15:00  | 7.3          | 3.017          | 2.5           | 715,614         | Open                   | 13.4                       | 277                            |
| 10/25/2025 | 0:30:00  | 7.3          | 2.990          | 5.1           | 715,659         | Open                   | 13.3                       | 280                            |
| 10/25/2025 | 0:45:00  | 7.3          | 2.472          | 3.7           | 715,690         | Open                   | 13.4                       | 279                            |
| 10/25/2025 | 1:00:00  | 7.3          | 3.096          | 4.2           | 715,713         | Open                   | 13.6                       | 276                            |
| 10/25/2025 | 1:15:00  | 7.3          | 2.737          | 3.7           | 715,756         | Open                   | 13.1                       | 276                            |
| 10/25/2025 | 1:30:00  | 7.3          | 2.260          | 4.1           | 715,795         | Open                   | 13.2                       | 276                            |
| 10/25/2025 | 1:45:00  | 7.3          | 2.737          | 2.4           | 715,829         | Open                   | 13.2                       | 276                            |
| 10/25/2025 | 2:00:00  | 7.3          | 0.167          | 1.5           | 715,866         | Closed                 | 13.3                       | 276                            |
| 10/25/2025 | 2:15:00  | 7.3          | 2.884          | 4.7           | 715,894         | Open                   | 13.2                       | 273                            |
| 10/25/2025 | 2:30:00  | 7.3          | 2.328          | 7.5           | 715,928         | Open                   | 13.4                       | 276                            |
| 10/25/2025 | 2:45:00  | 7.3          | 2.907          | 3             | 715,970         | Open                   | 13.3                       | 275                            |
| 10/25/2025 | 3:00:00  | 7.3          | 2.880          | 0.1           | 716,014         | Open                   | 13.4                       | 275                            |
| 10/25/2025 | 3:15:00  | 7.3          | 0.136          | 0             | 716,044         | Closed                 | 13.6                       | 275                            |
| 10/25/2025 | 3:30:00  | 7.3          | 3.350          | 0             | 716,074         | Open                   | 13.4                       | 273                            |
| 10/25/2025 | 3:45:00  | 7.3          | 3.187          | 0             | 716,122         | Open                   | 13.4                       | 272                            |
| 10/25/2025 | 4:00:00  | 7.4          | 2.672          | 0             | 716,167         | Open                   | 13.7                       | 272                            |
| 10/25/2025 | 4:15:00  | 7.4          | 3.183          | 0             | 716,197         | Open                   | 13.8                       | 273                            |
| 10/25/2025 | 4:30:00  | 7.4          | 3.153          | 0.4           | 716,245         | Open                   | 13.2                       | 273                            |
| 10/25/2025 | 4:45:00  | 7.4          | 3.115          | 0.7           | 716,291         | Open                   | 13.1                       | 273                            |
| 10/25/2025 | 5:00:00  | 7.4          | 2.604          | 5.4           | 716,311         | Open                   | 13.6                       | 273                            |
| 10/25/2025 | 5:15:00  | 7.4          | 3.130          | 0.3           | 716,356         | Open                   | 13.1                       | 273                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/25/2025 | 5:30:00  | 7.4          | 3.145          | 0.1           | 716,391         | Open                   | 13.1                       | 271                            |
| 10/25/2025 | 5:45:00  | 7.4          | 2.559          | 0.6           | 716,433         | Open                   | 13                         | 273                            |
| 10/25/2025 | 6:00:00  | 7.4          | 3.179          | 0.2           | 716,449         | Open                   | 13.4                       | 273                            |
| 10/25/2025 | 6:15:00  | 7.4          | 3.149          | 0.5           | 716,496         | Open                   | 12.9                       | 274                            |
| 10/25/2025 | 6:30:00  | 7.4          | 2.680          | 9.3           | 716,521         | Open                   | 13                         | 274                            |
| 10/25/2025 | 6:45:00  | 7.4          | 0.000          | 0.7           | 716,540         | Closed                 | 13.2                       | 274                            |
| 10/25/2025 | 7:00:00  | 7.4          | 2.975          | 2             | 716,574         | Open                   | 12.9                       | 273                            |
| 10/25/2025 | 7:15:00  | 7.4          | 2.949          | 4.5           | 716,618         | Open                   | 12.7                       | 274                            |
| 10/25/2025 | 7:30:00  | 7.3          | 1.287          | 2.9           | 716,639         | Closed                 | 13.5                       | 272                            |
| 10/25/2025 | 7:45:00  | 7.4          | 2.979          | 3.2           | 716,682         | Open                   | 12.9                       | 270                            |
| 10/25/2025 | 8:00:00  | 7.4          | 0.363          | 2.1           | 716,720         | Open                   | 12.9                       | 273                            |
| 10/25/2025 | 8:15:00  | 7.3          | 2.634          | 3.5           | 716,746         | Open                   | 12.7                       | 271                            |
| 10/25/2025 | 8:30:00  | 7.4          | 3.217          | 0             | 716,784         | Open                   | 12.7                       | 272                            |
| 10/25/2025 | 8:45:00  | 7.4          | 3.157          | 0             | 716,832         | Open                   | 12.8                       | 273                            |
| 10/25/2025 | 9:00:00  | 7.4          | 2.665          | 0.1           | 716,843         | Open                   | 14.5                       | 269                            |
| 10/25/2025 | 9:15:00  | 7.4          | 3.198          | 0             | 716,884         | Open                   | 13.2                       | 271                            |
| 10/25/2025 | 9:30:00  | 7.4          | 3.157          | 0.2           | 716,931         | Open                   | 12.9                       | 270                            |
| 10/25/2025 | 9:45:00  | 7.4          | 2.657          | 0             | 716,979         | Open                   | 12.8                       | 272                            |
| 10/25/2025 | 10:00:00 | 7.4          | 2.608          | 0             | 716,999         | Open                   | 13.3                       | 272                            |
| 10/25/2025 | 10:15:00 | 7.4          | 2.684          | 0             | 717,043         | Open                   | 12.9                       | 273                            |
| 10/25/2025 | 10:30:00 | 7.4          | 0.401          | 0.3           | 717,071         | Open                   | 13.3                       | 274                            |
| 10/25/2025 | 10:45:00 | 7.4          | 2.612          | 0.4           | 717,105         | Open                   | 13.2                       | 273                            |
| 10/25/2025 | 11:00:00 | 7.4          | 3.168          | 0.4           | 717,148         | Open                   | 13.1                       | 271                            |
| 10/25/2025 | 11:15:00 | 7.4          | 3.138          | 2.6           | 717,196         | Open                   | 13.1                       | 271                            |
| 10/25/2025 | 11:30:00 | 7.4          | 2.687          | 3.2           | 717,222         | Open                   | 14.2                       | 273                            |

## Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/25/2025 | 11:45:00 | 7.4          | 3.179          | 5             | 717,264         | Open                   | 13.4                       | 271                            |
| 10/25/2025 | 12:00:00 | 7.4          | 3.142          | 4.8           | 717,311         | Open                   | 13.5                       | 270                            |
| 10/25/2025 | 12:15:00 | 7.4          | 2.680          | 0.9           | 717,336         | Open                   | 13.7                       | 272                            |
| 10/25/2025 | 12:30:00 | 7.4          | 0.443          | 0.7           | 717,364         | Open                   | 14.3                       | 273                            |
| 10/25/2025 | 12:45:00 | 7.4          | 2.922          | 0.4           | 717,403         | Open                   | 13.7                       | 270                            |
| 10/25/2025 | 13:00:00 | 7.4          | 2.903          | 0.8           | 717,446         | Open                   | 13.5                       | 271                            |
| 10/25/2025 | 13:15:00 | 7.3          | 2.392          | 1.4           | 717,485         | Open                   | 13.5                       | 271                            |
| 10/25/2025 | 13:30:00 | 7.3          | 2.930          | 1.5           | 717,526         | Open                   | 13.3                       | 272                            |
| 10/25/2025 | 13:45:00 | 7.4          | 2.907          | 1.5           | 717,569         | Open                   | 13.2                       | 272                            |
| 10/25/2025 | 14:00:00 | 7.4          | 2.441          | 1.5           | 717,610         | Open                   | 13.4                       | 274                            |
| 10/25/2025 | 14:15:00 | 7.4          | 0.367          | 2.1           | 717,641         | Open                   | 13.5                       | 274                            |
| 10/25/2025 | 14:30:00 | 7.4          | 2.914          | 1.1           | 717,674         | Open                   | 13.3                       | 273                            |
| 10/25/2025 | 14:45:00 | 7.4          | 2.434          | 1.1           | 717,717         | Open                   | 13.4                       | 271                            |
| 10/25/2025 | 15:00:00 | 7.4          | 0.420          | 0.9           | 717,745         | Open                   | 14                         | 272                            |
| 10/25/2025 | 15:15:00 | 7.4          | 2.896          | 0.8           | 717,781         | Open                   | 13.7                       | 270                            |
| 10/25/2025 | 15:30:00 | 7.4          | 2.873          | 0.7           | 717,825         | Open                   | 13.7                       | 270                            |
| 10/25/2025 | 15:45:00 | 7.4          | 2.358          | 1.5           | 717,864         | Open                   | 13.8                       | 270                            |
| 10/25/2025 | 16:00:00 | 7.4          | 2.880          | 1.6           | 717,903         | Open                   | 13.7                       | 270                            |
| 10/25/2025 | 16:15:00 | 7.4          | 2.907          | 2.1           | 717,916         | Open                   | 15                         | 272                            |
| 10/25/2025 | 16:30:00 | 7.4          | 2.426          | 2.2           | 717,956         | Open                   | 13.9                       | 271                            |
| 10/25/2025 | 16:45:00 | 7.4          | 0.450          | 2.5           | 717,977         | Open                   | 14.4                       | 271                            |
| 10/25/2025 | 17:00:00 | 7.4          | 2.884          | 2.1           | 718,020         | Open                   | 13.5                       | 269                            |
| 10/25/2025 | 17:15:00 | 7.4          | 2.415          | 2.5           | 718,063         | Open                   | 13.4                       | 271                            |
| 10/25/2025 | 17:30:00 | 7.4          | 0.450          | 2.4           | 718,097         | Open                   | 13.5                       | 272                            |
| 10/25/2025 | 17:45:00 | 7.4          | 2.892          | 3.2           | 718,124         | Open                   | 13.2                       | 271                            |



## Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/25/2025 | 18:00:00 | 7.4          | 2.861          | 2.7           | 718,167         | Open                   | 13.1                       | 271                            |
| 10/25/2025 | 18:15:00 | 7.4          | 2.354          | 3.2           | 718,206         | Open                   | 13                         | 271                            |
| 10/25/2025 | 18:30:00 | 7.4          | 2.869          | 2.9           | 718,245         | Open                   | 12.9                       | 271                            |
| 10/25/2025 | 18:45:00 | 7.4          | 2.850          | 3.6           | 718,288         | Open                   | 12.8                       | 271                            |
| 10/25/2025 | 19:00:00 | 7.4          | 2.426          | 3.1           | 718,310         | Open                   | 13.4                       | 272                            |
| 10/25/2025 | 19:15:00 | 7.4          | 2.896          | 2.9           | 718,348         | Open                   | 13                         | 269                            |
| 10/25/2025 | 19:30:00 | 7.4          | 2.869          | 3             | 718,391         | Open                   | 13                         | 271                            |
| 10/25/2025 | 19:45:00 | 7.4          | 1.393          | 3.3           | 718,428         | Open                   | 12.9                       | 271                            |
| 10/25/2025 | 20:00:00 | 7.3          | 2.801          | 2.9           | 718,453         | Open                   | 13.2                       | 271                            |
| 10/25/2025 | 20:15:00 | 7.3          | 2.263          | 2.9           | 718,491         | Open                   | 13.3                       | 271                            |
| 10/25/2025 | 20:30:00 | 7.3          | 2.786          | 3             | 718,532         | Open                   | 13                         | 265                            |
| 10/25/2025 | 20:45:00 | 7.3          | 2.771          | 3.2           | 718,570         | Open                   | 12.8                       | 266                            |
| 10/25/2025 | 21:00:00 | 7.4          | 2.176          | 3.1           | 718,609         | Open                   | 12.9                       | 266                            |
| 10/25/2025 | 21:15:00 | 7.4          | 2.763          | 3.1           | 718,648         | Open                   | 13                         | 268                            |
| 10/25/2025 | 21:30:00 | 7.4          | 2.282          | 3.1           | 718,687         | Open                   | 13.3                       | 267                            |
| 10/25/2025 | 21:45:00 | 7.4          | 2.843          | 1.1           | 718,708         | Open                   | 13.3                       | 265                            |
| 10/25/2025 | 22:00:00 | 7.4          | 2.877          | 4.9           | 718,746         | Open                   | 12.6                       | 263                            |
| 10/25/2025 | 22:15:00 | 7.4          | 2.358          | 1.2           | 718,788         | Open                   | 12.6                       | 266                            |
| 10/25/2025 | 22:30:00 | 7.4          | 2.835          | 0.7           | 718,827         | Open                   | 12.7                       | 268                            |
| 10/25/2025 | 22:45:00 | 7.4          | 2.801          | 0.7           | 718,869         | Open                   | 12.9                       | 267                            |
| 10/25/2025 | 23:00:00 | 7.4          | 2.233          | 1.4           | 718,908         | Open                   | 13.2                       | 267                            |
| 10/25/2025 | 23:15:00 | 7.4          | 2.820          | 1.3           | 718,929         | Open                   | 13.4                       | 268                            |
| 10/25/2025 | 23:30:00 | 7.4          | 2.801          | 0.7           | 718,971         | Open                   | 13                         | 267                            |
| 10/25/2025 | 23:45:00 | 7.4          | 2.192          | 0.7           | 719,013         | Open                   | 13.2                       | 269                            |
| 10/26/2025 | 0:00:00  | 7.4          | 2.324          | 1.1           | 719,046         | Open                   | 13.5                       | 269                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time    | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|---------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/26/2025 | 0:15:00 | 7.4          | 2.831          | 0.4           | 719,087         | Open                   | 13.4                       | 268                            |
| 10/26/2025 | 0:30:00 | 7.4          | 2.824          | 0.5           | 719,129         | Open                   | 13.4                       | 268                            |
| 10/26/2025 | 0:45:00 | 7.4          | 0.000          | 15.4          | 719,160         | Closed                 | 13                         | 267                            |
| 10/26/2025 | 1:00:00 | 7.4          | 3.221          | 3.5           | 719,200         | Open                   | 12.9                       | 267                            |
| 10/26/2025 | 1:15:00 | 7.4          | 3.191          | 5.3           | 719,248         | Open                   | 13.2                       | 266                            |
| 10/26/2025 | 1:30:00 | 7.4          | 2.570          | 5.5           | 719,293         | Open                   | 13.5                       | 264                            |
| 10/26/2025 | 1:45:00 | 7.4          | 3.251          | 3.6           | 719,317         | Open                   | 14.2                       | 266                            |
| 10/26/2025 | 2:00:00 | 7.4          | 3.198          | 4.7           | 719,365         | Open                   | 13.4                       | 261                            |
| 10/26/2025 | 2:15:00 | 7.4          | 2.180          | 14            | 719,409         | Closed                 | 13.4                       | 260                            |
| 10/26/2025 | 2:30:00 | 7.4          | 2.532          | 124.1         | 719,427         | Open                   | 14.4                       | 264                            |
| 10/26/2025 | 2:45:00 | 7.4          | 3.028          | 1.8           | 719,472         | Open                   | 13.2                       | 263                            |
| 10/26/2025 | 3:00:00 | 7.4          | 2.998          | 0.8           | 719,517         | Open                   | 12.9                       | 263                            |
| 10/26/2025 | 3:15:00 | 7.4          | 2.528          | 0.8           | 719,556         | Open                   | 13                         | 263                            |
| 10/26/2025 | 3:30:00 | 7.4          | 2.994          | 2.8           | 719,598         | Open                   | 13                         | 263                            |
| 10/26/2025 | 3:45:00 | 7.4          | 3.020          | 1             | 719,623         | Open                   | 13.5                       | 264                            |
| 10/26/2025 | 4:00:00 | 7.4          | 2.528          | 0.6           | 719,665         | Open                   | 13.1                       | 262                            |
| 10/26/2025 | 4:15:00 | 7.4          | 2.729          | 0.9           | 719,701         | Closed                 | 12.7                       | 263                            |
| 10/26/2025 | 4:30:00 | 7.4          | 3.013          | 1.7           | 719,741         | Open                   | 12.5                       | 263                            |
| 10/26/2025 | 4:45:00 | 7.4          | 2.396          | 6.6           | 719,786         | Open                   | 12.7                       | 264                            |
| 10/26/2025 | 5:00:00 | 7.4          | 2.585          | 4.3           | 719,802         | Open                   | 14                         | 264                            |
| 10/26/2025 | 5:15:00 | 7.4          | 3.047          | 4.6           | 719,847         | Open                   | 13.2                       | 261                            |
| 10/26/2025 | 5:30:00 | 7.4          | 3.013          | 3.7           | 719,892         | Open                   | 13.3                       | 261                            |
| 10/26/2025 | 5:45:00 | 7.4          | 2.014          | 1.7           | 719,930         | Open                   | 13.3                       | 263                            |
| 10/26/2025 | 6:00:00 | 7.4          | 3.130          | 2.1           | 719,955         | Open                   | 13.5                       | 263                            |
| 10/26/2025 | 6:15:00 | 7.4          | 3.085          | 4.9           | 720,001         | Open                   | 13.7                       | 263                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/26/2025 | 6:30:00  | 7.4          | 0.185          | 13.3          | 720,040         | Closed                 | 13.7                       | 266                            |
| 10/26/2025 | 6:45:00  | 7.4          | 0.322          | 3.6           | 720,055         | Closed                 | 13.6                       | 268                            |
| 10/26/2025 | 7:00:00  | 7.4          | 3.032          | 2.7           | 720,098         | Open                   | 13.3                       | 267                            |
| 10/26/2025 | 7:15:00  | 7.4          | 2.407          | 4.9           | 720,143         | Open                   | 13.2                       | 267                            |
| 10/26/2025 | 7:30:00  | 7.4          | 2.578          | 1.5           | 720,163         | Open                   | 13.4                       | 266                            |
| 10/26/2025 | 7:45:00  | 7.4          | 3.020          | 2.6           | 720,207         | Open                   | 13.1                       | 268                            |
| 10/26/2025 | 8:00:00  | 7.4          | 2.793          | 8.6           | 720,250         | Open                   | 13.3                       | 266                            |
| 10/26/2025 | 8:15:00  | 7.4          | 2.328          | 2.7           | 720,287         | Open                   | 13.7                       | 263                            |
| 10/26/2025 | 8:30:00  | 7.4          | 1.241          | 25.9          | 720,323         | Open                   | 13.2                       | 262                            |
| 10/26/2025 | 8:45:00  | 7.4          | 2.865          | 0             | 720,357         | Open                   | 13.1                       | 266                            |
| 10/26/2025 | 9:00:00  | 7.4          | 2.297          | 0             | 720,397         | Open                   | 13.2                       | 266                            |
| 10/26/2025 | 9:15:00  | 7.4          | 2.846          | 0.2           | 720,434         | Open                   | 13.1                       | 267                            |
| 10/26/2025 | 9:30:00  | 7.4          | 2.816          | 1.6           | 720,476         | Open                   | 13.1                       | 268                            |
| 10/26/2025 | 9:45:00  | 7.4          | 1.885          | 16.1          | 720,508         | Open                   | 13.3                       | 266                            |
| 10/26/2025 | 10:00:00 | 7.4          | 1.953          | 0.1           | 720,538         | Open                   | 13.2                       | 266                            |
| 10/26/2025 | 10:15:00 | 7.4          | 2.865          | 2.1           | 720,578         | Open                   | 13.3                       | 268                            |
| 10/26/2025 | 10:30:00 | 7.4          | 0.352          | 4.2           | 720,620         | Closed                 | 13.5                       | 268                            |
| 10/26/2025 | 10:45:00 | 7.4          | 2.377          | 1.3           | 720,638         | Open                   | 13.9                       | 267                            |
| 10/26/2025 | 11:00:00 | 7.4          | 2.873          | 0             | 720,677         | Open                   | 13.7                       | 267                            |
| 10/26/2025 | 11:15:00 | 7.4          | 2.744          | 0             | 720,704         | Closed                 | 13.3                       | 264                            |
| 10/26/2025 | 11:30:00 | 7.4          | 2.263          | 1             | 720,715         | Open                   | 13.5                       | 266                            |
| 10/26/2025 | 11:45:00 | 7.4          | 2.873          | 0.8           | 720,753         | Open                   | 13.5                       | 266                            |
| 10/26/2025 | 12:00:00 | 7.4          | 2.854          | 1.9           | 720,796         | Open                   | 13.5                       | 263                            |
| 10/26/2025 | 12:15:00 | 7.4          | 2.460          | 3.9           | 720,838         | Open                   | 13.6                       | 265                            |
| 10/26/2025 | 12:30:00 | 7.4          | 2.460          | 0             | 720,877         | Open                   | 13.7                       | 265                            |

**Title** WoodFibre Weekly Water Discharge Report

**Revision:**
**0**
**Data Date Range**
**October 20 ,2025 to October 26, 2025**
**Prepared by:**
**SD**
**Approved by:**
**BC2**
**Date:**
**November 17, 2025**

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/26/2025 | 12:45:00 | 7.4          | 2.911          | 0             | 720,920         | Open                   | 13.6                       | 265                            |
| 10/26/2025 | 13:00:00 | 7.4          | 2.896          | 0             | 720,963         | Open                   | 13.5                       | 265                            |
| 10/26/2025 | 13:15:00 | 7.4          | 2.441          | 2.8           | 721,002         | Open                   | 13.7                       | 264                            |
| 10/26/2025 | 13:30:00 | 7.4          | 2.918          | 0.4           | 721,042         | Open                   | 13.6                       | 265                            |
| 10/26/2025 | 13:45:00 | 7.4          | 2.892          | 1.2           | 721,086         | Open                   | 13.6                       | 265                            |
| 10/26/2025 | 14:00:00 | 7.4          | 2.460          | 3.7           | 721,126         | Open                   | 13.8                       | 263                            |
| 10/26/2025 | 14:15:00 | 7.5          | 2.892          | 4.6           | 721,164         | Open                   | 13.6                       | 263                            |
| 10/26/2025 | 14:30:00 | 7.5          | 1.416          | 12.7          | 721,203         | Open                   | 13.5                       | 262                            |
| 10/26/2025 | 14:45:00 | 7.5          | 2.305          | 13.8          | 721,243         | Open                   | 13.4                       | 260                            |
| 10/26/2025 | 15:00:00 | 7.3          | 0.375          | 0             | 721,267         | Open                   | 14.1                       | 262                            |
| 10/26/2025 | 15:15:00 | 7.4          | 2.880          | 0.6           | 721,299         | Open                   | 14                         | 262                            |
| 10/26/2025 | 15:30:00 | 7.4          | 2.854          | 0             | 721,342         | Open                   | 14                         | 262                            |
| 10/26/2025 | 15:45:00 | 7.4          | 2.403          | 4             | 721,380         | Open                   | 14.1                       | 261                            |
| 10/26/2025 | 16:00:00 | 7.4          | 0.636          | 5.7           | 721,401         | Closed                 | 14.2                       | 266                            |
| 10/26/2025 | 16:15:00 | 7.3          | 2.899          | 4.2           | 721,440         | Open                   | 13.4                       | 267                            |
| 10/26/2025 | 16:30:00 | 7.4          | 2.350          | 2.6           | 721,480         | Open                   | 13.5                       | 267                            |
| 10/26/2025 | 16:45:00 | 7.3          | 2.877          | 2.5           | 721,518         | Open                   | 13.6                       | 273                            |
| 10/26/2025 | 17:00:00 | 7.2          | 2.896          | 2.4           | 721,537         | Open                   | 14.6                       | 287                            |
| 10/26/2025 | 17:15:00 | 7.4          | 2.335          | 4.9           | 721,580         | Open                   | 13.4                       | 288                            |
| 10/26/2025 | 17:30:00 | 7.5          | 2.438          | 3.8           | 721,616         | Open                   | 13.6                       | 289                            |
| 10/26/2025 | 17:45:00 | 7.2          | 2.884          | 4.7           | 721,659         | Open                   | 13.7                       | 286                            |
| 10/26/2025 | 18:00:00 | 7.1          | 2.888          | 10.8          | 721,671         | Open                   | 15                         | 297                            |
| 10/26/2025 | 18:15:00 | 7.1          | 2.411          | 15.9          | 721,709         | Open                   | 14.4                       | 307                            |
| 10/26/2025 | 18:30:00 | 7.4          | 2.835          | 36.8          | 721,749         | Open                   | 14.5                       | 308                            |
| 10/26/2025 | 18:45:00 | 7.5          | 2.831          | 7.6           | 721,792         | Open                   | 13.8                       | 309                            |

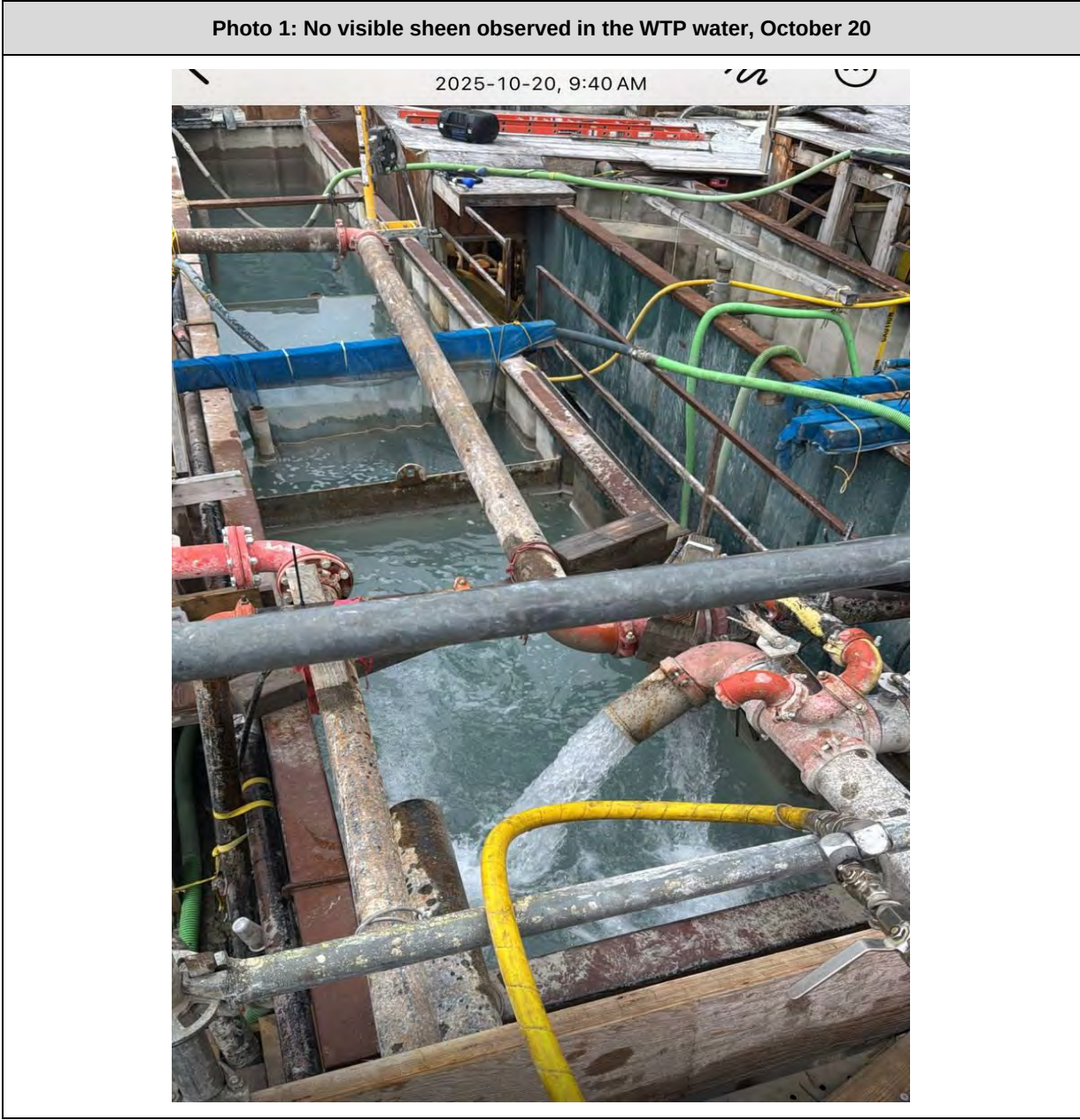
# Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

|                        |                                                |                                                            |                                                     |
|------------------------|------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------|
| <b>Title</b>           | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                           | <b>0</b>                                            |
| <b>Data Date Range</b> | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b><br><b>Approved by:</b><br><b>Date:</b> | <b>SD</b><br><b>BC2</b><br><b>November 17, 2025</b> |

| Date       | Time     | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|------------|----------|--------------|----------------|---------------|-----------------|------------------------|----------------------------|--------------------------------|
| 10/26/2025 | 19:00:00 | 7.3          | 1.900          | 11.6          | 721,828         | Open                   | 13.6                       | 308                            |
| 10/26/2025 | 19:15:00 | 7.3          | 2.793          | 9.2           | 721,847         | Open                   | 14.2                       | 305                            |
| 10/26/2025 | 19:30:00 | 7.2          | 2.759          | 2.8           | 721,888         | Open                   | 13.3                       | 300                            |
| 10/26/2025 | 19:45:00 | 7.1          | 2.157          | 3.4           | 721,928         | Open                   | 13.5                       | 301                            |
| 10/26/2025 | 20:00:00 | 7.4          | 3.130          | 20.8          | 721,955         | Open                   | 13.7                       | 294                            |
| 10/26/2025 | 20:15:00 | 7.4          | 2.880          | 1.3           | 721,987         | Open                   | 12.6                       | 293                            |
| 10/26/2025 | 20:30:00 | 7.4          | 2.896          | 2             | 722,007         | Open                   | 12.9                       | 294                            |
| 10/26/2025 | 20:45:00 | 7.5          | 2.366          | 6.9           | 722,030         | Open                   | 12.6                       | 294                            |
| 10/26/2025 | 21:00:00 | 7.6          | 3.017          | 1.7           | 722,074         | Open                   | 12.5                       | 294                            |
| 10/26/2025 | 21:15:00 | 7.6          | 3.020          | 4.7           | 722,115         | Open                   | 12.3                       | 293                            |
| 10/26/2025 | 21:30:00 | 7.6          | 2.491          | 4.5           | 722,159         | Open                   | 12                         | 294                            |
| 10/26/2025 | 21:45:00 | 7.6          | 0.431          | 5.2           | 722,177         | Closed                 | 12                         | 295                            |
| 10/26/2025 | 22:00:00 | 7.6          | 2.634          | 4.1           | 722,217         | Open                   | 11.8                       | 293                            |
| 10/26/2025 | 22:15:00 | 7.4          | 2.831          | 0.7           | 722,256         | Open                   | 11.8                       | 292                            |
| 10/26/2025 | 22:30:00 | 7.4          | 2.816          | 1             | 722,294         | Open                   | 11.8                       | 288                            |
| 10/26/2025 | 22:45:00 | 7.4          | 2.392          | 0.5           | 722,335         | Open                   | 11.8                       | 285                            |
| 10/26/2025 | 23:00:00 | 7.3          | 3.187          | 1.3           | 722,353         | Open                   | 12                         | 285                            |
| 10/26/2025 | 23:15:00 | 7.3          | 2.286          | 2.1           | 722,392         | Open                   | 11.9                       | 287                            |
| 10/26/2025 | 23:30:00 | 7.4          | 2.816          | 0.3           | 722,434         | Open                   | 11.8                       | 286                            |
| 10/26/2025 | 23:45:00 | 7.4          | 0.326          | 0             | 722,462         | Closed                 | 12                         | 288                            |

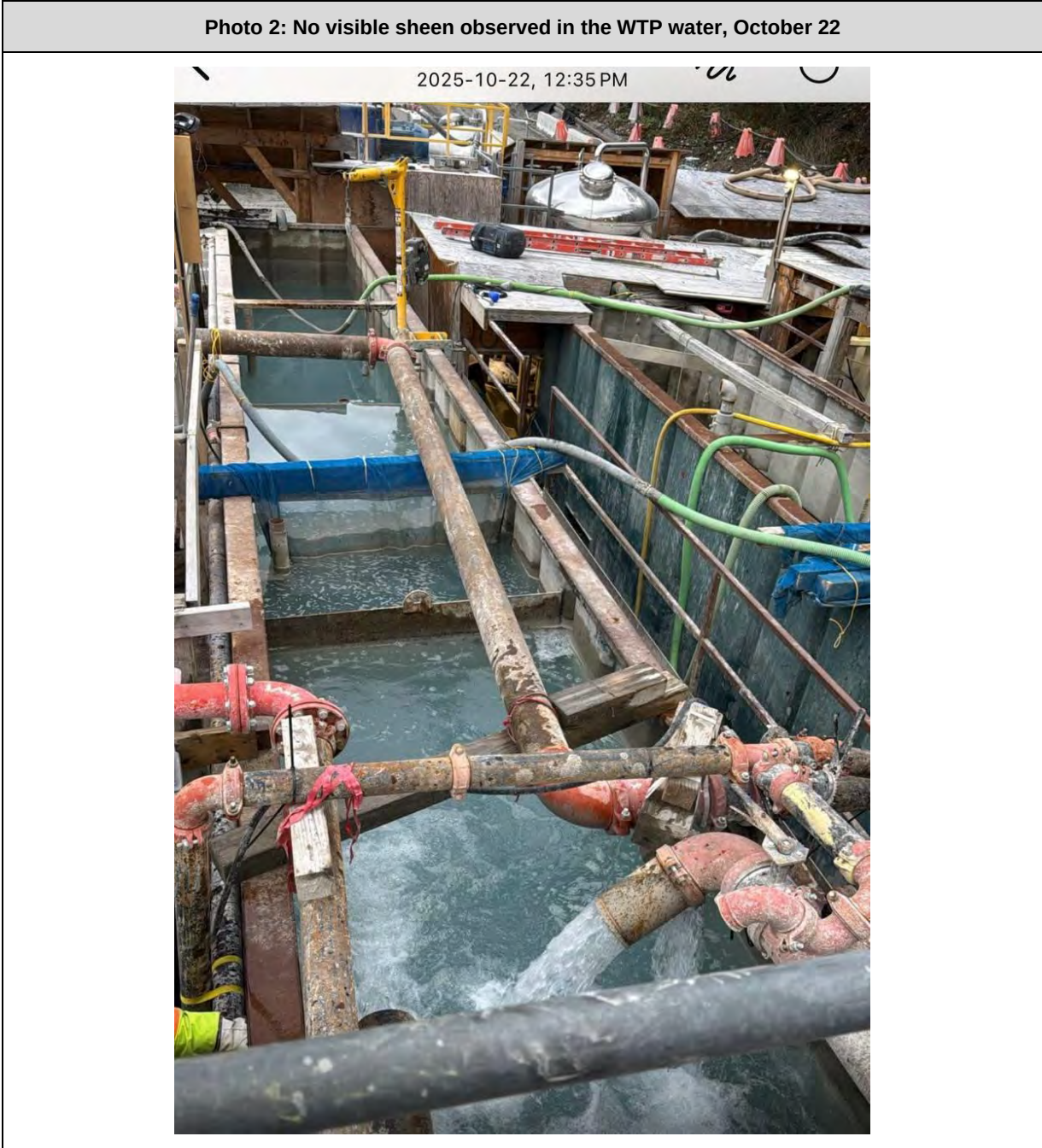
|                                                                                  |                                                |                                                                                     |          |
|----------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------|----------|
|  |                                                | <b>Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope</b>                 |          |
| <b>Title</b>                                                                     | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                                                    | <b>0</b> |
| <b>Data Date Range</b>                                                           | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b> SD<br><b>Approved by:</b> BC2<br><b>Date:</b> November 17, 2025 |          |

**Appendix B: Photo**

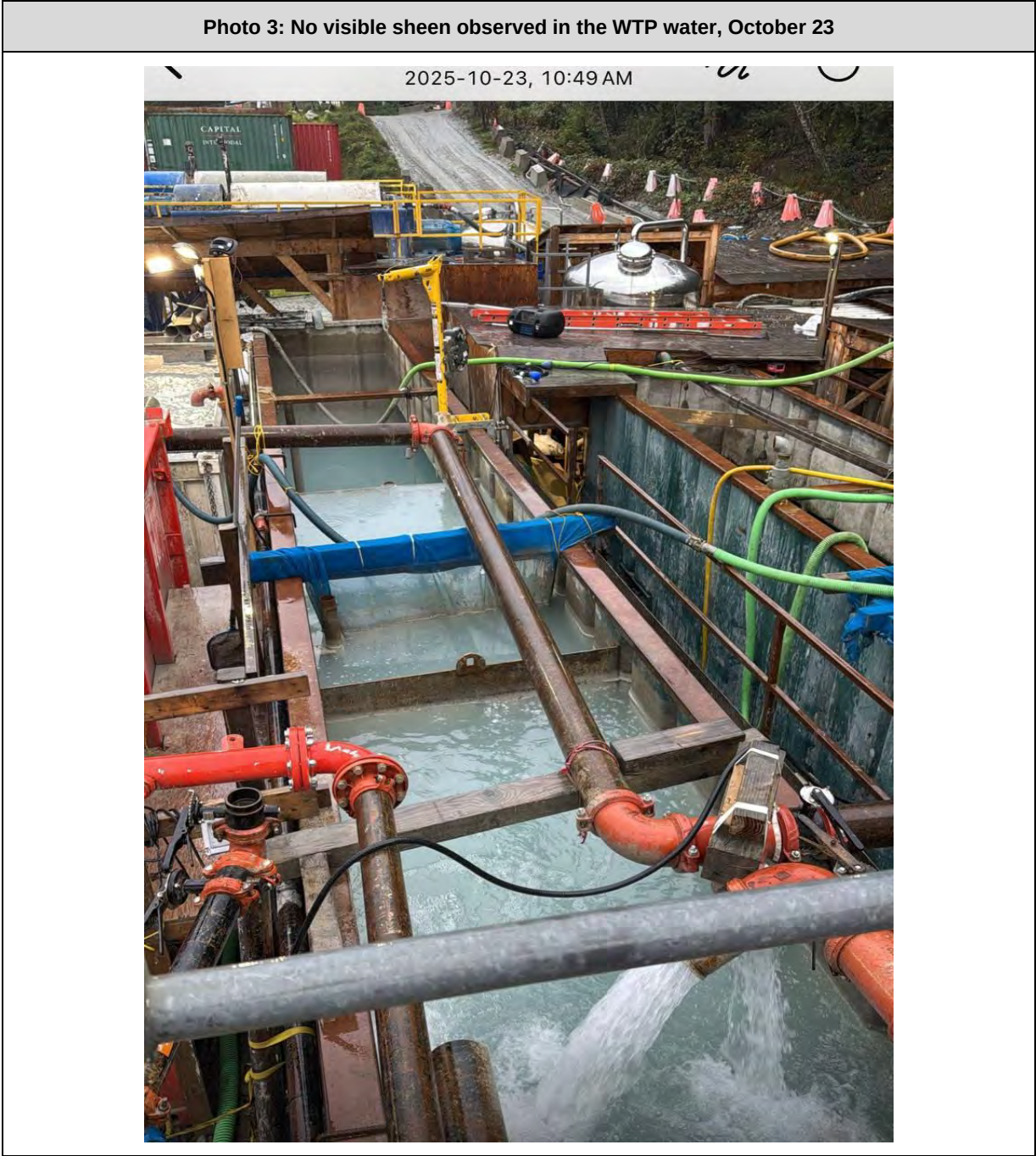




|                                                                                  |                                         |                                                              |                                |
|----------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------|--------------------------------|
|  |                                         | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope |                                |
| Title                                                                            | WoodFibre Weekly Water Discharge Report | Revision:                                                    | 0                              |
| Data Date Range                                                                  | October 20 ,2025 to October 26, 2025    | Prepared by:<br>Approved by:<br>Date:                        | SD<br>BC2<br>November 17, 2025 |



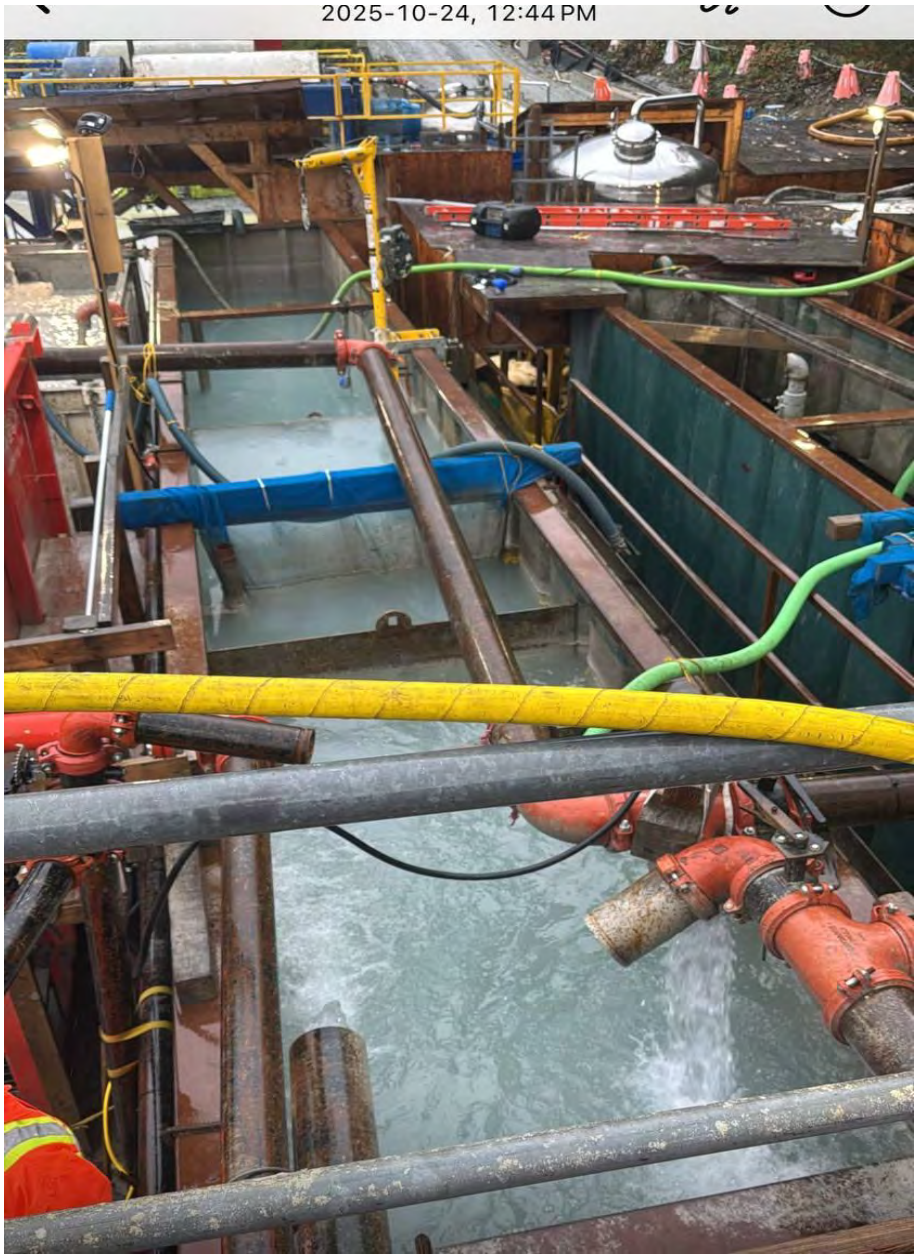
|                                                                                  |                                                |                                                                                     |          |
|----------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------|----------|
|  |                                                | <b>Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope</b>                 |          |
| <b>Title</b>                                                                     | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                                                    | <b>0</b> |
| <b>Data Date Range</b>                                                           | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b> SD<br><b>Approved by:</b> BC2<br><b>Date:</b> November 17, 2025 |          |





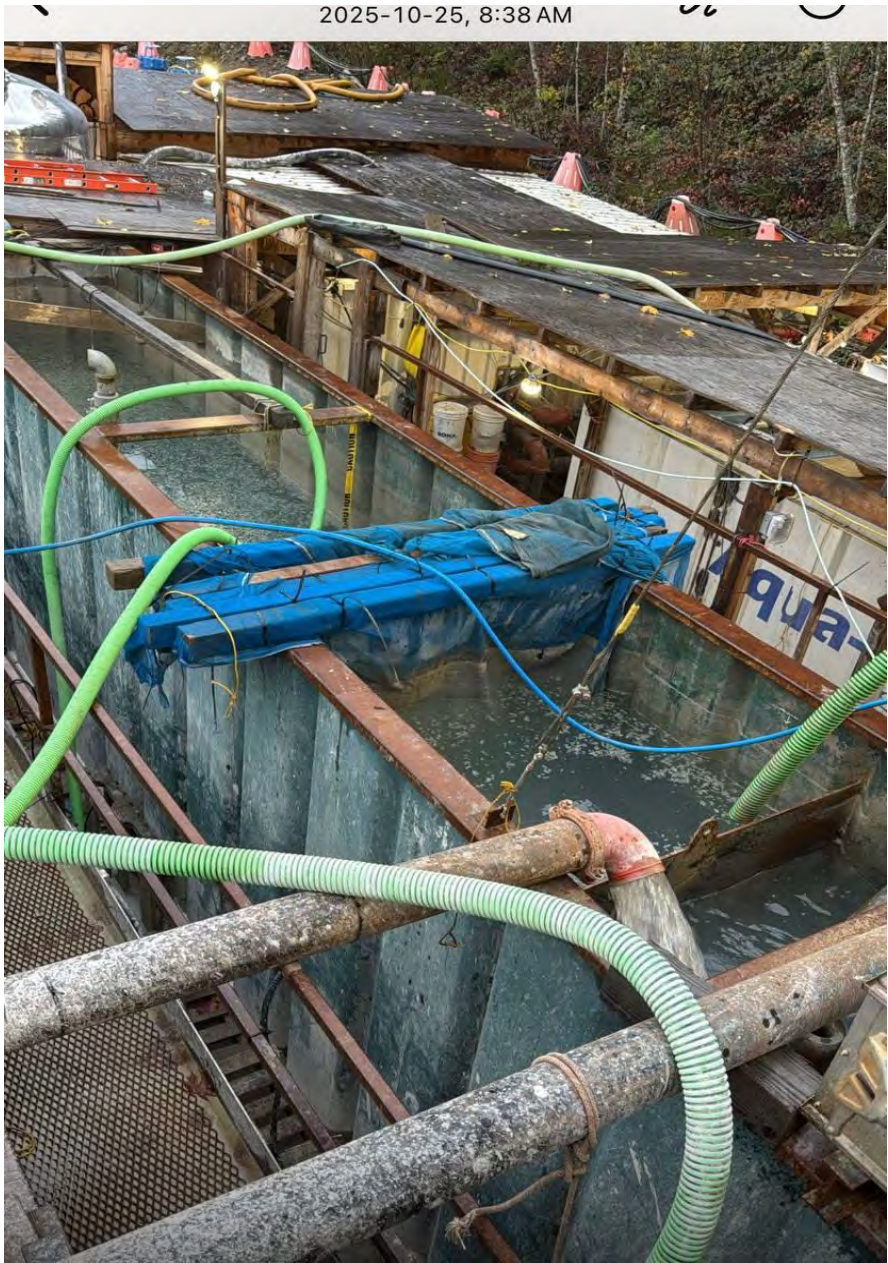
|                                                                                  |                                         |                                                              |                                |
|----------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------|--------------------------------|
|  |                                         | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope |                                |
| Title                                                                            | WoodFibre Weekly Water Discharge Report | Revision:                                                    | 0                              |
| Data Date Range                                                                  | October 20 ,2025 to October 26, 2025    | Prepared by:<br>Approved by:<br>Date:                        | SD<br>BC2<br>November 17, 2025 |

Photo 4: No visible sheen observed in the WTP water, October 24



|                                                                                  |                                         |                                                              |                                |
|----------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------|--------------------------------|
|  |                                         | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope |                                |
| Title                                                                            | WoodFibre Weekly Water Discharge Report | Revision:                                                    | 0                              |
| Data Date Range                                                                  | October 20 ,2025 to October 26, 2025    | Prepared by:<br>Approved by:<br>Date:                        | SD<br>BC2<br>November 17, 2025 |

Photo 5: No visible sheen observed in the WTP water, October 25





|                                                                                  |                                                |                                                                                     |          |
|----------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------|----------|
|  |                                                | <b>Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope</b>                 |          |
| <b>Title</b>                                                                     | <b>WoodFibre Weekly Water Discharge Report</b> | <b>Revision:</b>                                                                    | <b>0</b> |
| <b>Data Date Range</b>                                                           | <b>October 20 ,2025 to October 26, 2025</b>    | <b>Prepared by:</b> SD<br><b>Approved by:</b> BC2<br><b>Date:</b> November 17, 2025 |          |

|                                                                                                                                                                                      |                |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------|
|  <b>Eagle Mountain - Woodfibre Gas Pipeline Project<br/>Waste Discharge Permit PE-110163 Report</b> | Reporting Week | Oct 20 <sup>th</sup> to Oct 26 <sup>th</sup> , 2025 |
|                                                                                                                                                                                      | Report #       | 83                                                  |
|                                                                                                                                                                                      | Appendix D     | D-1                                                 |

## Appendix D: Woodfibre Site Receiving Environment Documentation

|                                                                                                                                                                                      |                |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------|
|  <b>Eagle Mountain - Woodfibre Gas Pipeline Project<br/>Waste Discharge Permit PE-110163 Report</b> | Reporting Week | Oct 20 <sup>th</sup> to Oct 26 <sup>th</sup> , 2025 |
|                                                                                                                                                                                      | Report #       | 83                                                  |
|                                                                                                                                                                                      | Appendix D     | D-2                                                 |

## Woodfibre Site Receiving Environment Sample Analysis



| Analyte                                  | Unit     | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Marine Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic<br>Life - Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic<br>Life - Long Term Average | WLNG US<br>2025-10-21<br>10:11:00 | WLNG DS<br>2025-10-21<br>09:40:00 |
|------------------------------------------|----------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|
| In situ Parameters                       |          |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    |                                   |                                   |
| Field pH                                 | pH Units | 6.5 - 9                                                                                    |                                                                                      |                                                                                           | 7 - 8.7                                                                             |                                                                                  |                                                                                    | 7.59                              | 7.55                              |
| Field Temperature                        | °C       | 18                                                                                         | 19                                                                                   |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 10.9                              | 11.7                              |
| General Parameters                       |          |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    |                                   |                                   |
| pH                                       | pH Units |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 6.38                              | 7.69                              |
| Alkalinity (Total as CaCO <sub>3</sub> ) | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 10                                | 38                                |
| Alkalinity (PP as CaCO <sub>3</sub> )    | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <1                                | <1                                |
| Hardness (CaCO <sub>3</sub> )-Total      | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 25.6                              | 38.1                              |
| Hardness (CaCO <sub>3</sub> )-Dissolved  | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 27                                | 41.4                              |
| Sulphide-Total                           | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0018                           | <0.0018                           |
| Sulphide (as H <sub>2</sub> S)           | mg/L     |                                                                                            |                                                                                      | 0.002                                                                                     |                                                                                     |                                                                                  |                                                                                    | <0.002                            | <0.002                            |
| Anions and Nutrients                     |          |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    |                                   |                                   |
| Ammonia (N)-Total                        | mg/L     | 1.82                                                                                       | 11                                                                                   |                                                                                           | 7.8                                                                                 | 52                                                                               |                                                                                    | <0.015                            | <0.015                            |
| Bicarbonate (HCO <sub>3</sub> )          | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 12                                | 47                                |
| Carbonate (CO <sub>3</sub> )             | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <1                                | <1                                |
| Hydroxide (OH)                           | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <1                                | <1                                |
| Nitrate (N)                              | mg/L     | 3                                                                                          | 32.8                                                                                 |                                                                                           | 3.7                                                                                 |                                                                                  |                                                                                    | 0.533                             | 0.099                             |
| Nitrite (N)                              | mg/L     | 0.02                                                                                       | 0.06                                                                                 |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.005                            | <0.005                            |
| Nitrate plus Nitrite (N)                 | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.533                             | 0.099                             |
| Nitrogen (N)-Total                       | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.834                             | 0.273                             |
| Phosphorus (P)-Total (4500-P)            | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.1                               | 0.029                             |
| Bromide (Br)                             | mg/L     |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.01                             | <0.01                             |
| Chloride (Cl)                            | mg/L     | 150                                                                                        | 600                                                                                  |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <1                                | 8.8                               |
| Fluoride (F)                             | mg/L     |                                                                                            | 0.786                                                                                |                                                                                           |                                                                                     | 1.5                                                                              |                                                                                    | <0.05                             | 0.17                              |
| Sulphate (SO <sub>4</sub> )-Dissolved    | mg/L     | 128                                                                                        |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 19                                | 11                                |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

<sup>3</sup> **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per <sup>1</sup> and <sup>2</sup> above. Note: Not all exceedances are project related.



| Analyte                      | Unit | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Marine Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic<br>Life - Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic<br>Life - Long Term Average | WLNG US<br>2025-10-21<br>10:11:00 | WLNG DS<br>2025-10-21<br>09:40:00 |
|------------------------------|------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|
| Total Metals                 |      |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    |                                   |                                   |
| Aluminum (Al)-Total          | mg/L | 0.169538                                                                                   |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.143                             | 0.142                             |
| Antimony (Sb)-Total          | mg/L | 0.074                                                                                      | 0.25                                                                                 |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000078                          | 0.000493                          |
| Arsenic (As)-Total           | mg/L | 0.005                                                                                      |                                                                                      |                                                                                           | 0.0125                                                                              |                                                                                  |                                                                                    | 0.000365                          | 0.000826                          |
| Barium (Ba)-Total            | mg/L |                                                                                            |                                                                                      | 1                                                                                         |                                                                                     |                                                                                  |                                                                                    | 0.00556                           | 0.00832                           |
| Beryllium (Be)-Total         | mg/L |                                                                                            |                                                                                      | 0.00013                                                                                   |                                                                                     |                                                                                  | 0.1                                                                                | <0.00001                          | <0.00001                          |
| Bismuth (Bi)-Total           | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00001                          | <0.00001                          |
| Boron (B)-Total              | mg/L | 1.2                                                                                        |                                                                                      |                                                                                           | 1.2                                                                                 |                                                                                  |                                                                                    | <0.01                             | 0.012                             |
| Cadmium (Cd)-Total           | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  | 0.00012                                                                            | 0.0000079                         | <0.000005                         |
| Calcium (Ca)-Total           | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 6.89                              | 13.6                              |
| Cesium (Cs)-Total            | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00005                          | <0.00005                          |
| Chromium (Cr)-Total          | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.00014                           | <0.0001                           |
| Chromium (Cr III)-Total      | mg/L |                                                                                            |                                                                                      | 0.0089                                                                                    |                                                                                     |                                                                                  | 0.056                                                                              | <0.00099                          | <0.00099                          |
| Chromium (Cr VI)-Total       | mg/L |                                                                                            |                                                                                      | 0.0025                                                                                    |                                                                                     |                                                                                  | 0.0015                                                                             | <0.00099                          | <0.00099                          |
| Cobalt (Co)-Total            | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000167                          | 0.000066                          |
| Copper (Cu)-Total            | mg/L |                                                                                            |                                                                                      |                                                                                           | 0.002                                                                               | 0.003                                                                            |                                                                                    | <b>0.00269</b>                    | 0.00065                           |
| Iron (Fe)-Total              | mg/L |                                                                                            | 1                                                                                    |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.11                              | 0.0715                            |
| Lead (Pb)-Total              | mg/L |                                                                                            |                                                                                      |                                                                                           | 0.002                                                                               | 0.14                                                                             |                                                                                    | 0.000045                          | 0.000022                          |
| Lithium (Li)-Total           | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0005                           | 0.0039                            |
| Magnesium (Mg)-Total         | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 2.04                              | 0.97                              |
| Manganese (Mn)-Total         | mg/L | 0.718                                                                                      | 0.822                                                                                |                                                                                           |                                                                                     |                                                                                  | 0.1                                                                                | 0.0045                            | 0.0166                            |
| Mercury (Hg)-Total           | mg/L | 0.00002                                                                                    |                                                                                      |                                                                                           | 0.00002                                                                             |                                                                                  |                                                                                    | 0.0000033                         | <0.0000019                        |
| Molybdenum (Mo)-Total        | mg/L | 7.6                                                                                        | 46                                                                                   |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000581                          | 0.0154                            |
| Nickel (Ni)-Total            | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  | 0.0083                                                                             | 0.00117                           | 0.0004                            |
| Phosphorus (P)-Total (ICPMS) | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.1                               | 0.0211                            |
| Potassium (K)-Total          | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.68                              | 1.64                              |
| Rubidium (Rb)-Total          | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000563                          | 0.00297                           |
| Selenium (Se)-Total          | mg/L | 0.002                                                                                      |                                                                                      |                                                                                           | 0.002                                                                               |                                                                                  |                                                                                    | 0.000054                          | 0.000042                          |
| Silicon (Si)-Total           | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 4.35                              | 5.32                              |
| Silver (Ag)-Total            | mg/L | 0.00012                                                                                    |                                                                                      |                                                                                           | 0.0005                                                                              | 0.0037                                                                           | 0.0005                                                                             | <0.00001                          | <0.00001                          |
| Sodium (Na)-Total            | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 2.75                              | 5.24                              |
| Strontium (Sr)-Total         | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0216                            | 0.0319                            |
| Sulphur (S)-Total            | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 5.7                               | 3.8                               |
| Tellurium (Te)-Total         | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00002                          | <0.00002                          |
| Thallium (Tl)-Total          | mg/L |                                                                                            |                                                                                      | 0.00003                                                                                   |                                                                                     |                                                                                  |                                                                                    | 0.0000033                         | 0.0000081                         |
| Thorium (Th)-Total           | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00005                          | <0.00005                          |
| Tin (Sn)-Total               | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0002                           | <0.0002                           |
| Titanium (Ti)-Total          | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0033                            | 0.0033                            |
| Uranium (U)-Total            | mg/L |                                                                                            | 0.0165                                                                               | 0.0075                                                                                    |                                                                                     |                                                                                  |                                                                                    | 0.000138                          | 0.00025                           |
| Vanadium (V)-Total           | mg/L |                                                                                            |                                                                                      | 0.06                                                                                      |                                                                                     |                                                                                  | 0.005                                                                              | 0.00039                           | <0.0002                           |
| Zinc (Zn)-Total              | mg/L |                                                                                            |                                                                                      |                                                                                           | 0.01                                                                                | 0.055                                                                            |                                                                                    | 0.0019                            | 0.0024                            |
| Zirconium (Zr)-Total         | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0001                           | <0.0001                           |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

<sup>3</sup> **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per <sup>1</sup> and <sup>2</sup> above. Note: Not all exceedances are project related.



| Analyte                   | Unit | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Marine Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic<br>Life - Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic<br>Life - Long Term Average | WLNG US<br>2025-10-21<br>10:11:00 | WLNG DS<br>2025-10-21<br>09:40:00 |
|---------------------------|------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|
| Dissolved Metals          |      |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    |                                   |                                   |
| Aluminum (Al)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0707                            | 0.0576                            |
| Antimony (Sb)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000082                          | 0.000564                          |
| Arsenic (As)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.00038                           | 0.000887                          |
| Barium (Ba)-Dissolved     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.00514                           | 0.00837                           |
| Beryllium (Be)-Dissolved  | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00001                          | <0.00001                          |
| Bismuth (Bi)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.000005                         | <0.000005                         |
| Boron (B)-Dissolved       | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.01                             | 0.013                             |
| Cadmium (Cd)-Dissolved    | mg/L | 0.000078                                                                                   | 0.000145                                                                             |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0000088                         | 0.0000081                         |
| Calcium (Ca)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 7.32                              | 14.8                              |
| Cesium (Cs)-Dissolved     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00005                          | <0.00005                          |
| Chromium (Cr)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0001                           | <0.0001                           |
| Cobalt (Co)-Dissolved     | mg/L | 0.000389                                                                                   |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000149                          | 0.0000587                         |
| Copper (Cu)-Dissolved     | mg/L | 0.00082                                                                                    | 0.00494                                                                              |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <b>0.0027</b>                     | 0.000681                          |
| Iron (Fe)-Dissolved       | mg/L |                                                                                            | 0.35                                                                                 |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0291                            | 0.0115                            |
| Lead (Pb)-Dissolved       | mg/L | 0.002859                                                                                   |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0000119                         | 0.0000058                         |
| Lithium (Li)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0005                           | 0.00437                           |
| Manganese (Mn)-Dissolved  | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0017                            | 0.0167                            |
| Magnesium (Mg)-Dissolved  | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 2.12                              | 1.1                               |
| Mercury (Hg)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0000037                         | <0.0000019                        |
| Molybdenum (Mo)-Dissolved | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000637                          | 0.0177                            |
| Nickel (Ni)-Dissolved     | mg/L | 0.0011                                                                                     | 0.0168                                                                               |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.00123                           | 0.000445                          |
| Phosphorus (P)-Dissolved  | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0987                            | 0.0185                            |
| Potassium (K)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.697                             | 1.82                              |
| Rubidium (Rb)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000538                          | 0.00329                           |
| Selenium (Se)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000059                          | <0.00004                          |
| Silicon (Si)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 4.6                               | 5.44                              |
| Silver (Ag)-Dissolved     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.000005                         | <0.000005                         |
| Sodium (Na)-Dissolved     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 3                                 | 6.04                              |
| Strontium (Sr)-Dissolved  | mg/L |                                                                                            |                                                                                      | 1.25                                                                                      |                                                                                     |                                                                                  |                                                                                    | 0.0232                            | 0.0347                            |
| Sulphur (S)-Dissolved     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 5.6                               | 3.9                               |
| Tellurium (Te)-Dissolved  | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.00002                          | <0.00002                          |
| Thallium (Tl)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0000025                         | 0.0000092                         |
| Thorium (Th)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0000155                         | 0.0000069                         |
| Tin (Sn)-Dissolved        | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0002                           | <0.0002                           |
| Titanium (Ti)-Dissolved   | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0005                           | <0.0005                           |
| Uranium (U)-Dissolved     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.000125                          | 0.000192                          |
| Vanadium (V)-Dissolved    | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.0003                            | <0.0002                           |
| Zinc (Zn)-Dissolved       | mg/L | 0.004362                                                                                   | 0.01872                                                                              |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 0.00168                           | 0.00181                           |
| Zirconium (Zr)-Dissolved  | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | <0.0001                           | <0.0001                           |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

<sup>3</sup> **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per <sup>1</sup> and <sup>2</sup> above. Note: Not all exceedances are project related.





| Analyte                      | Unit | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Short Term Max | BC Working Water Quality<br>Guideline - Freshwater<br>Aquatic Life - Long Term<br>Average | BC Approved Water Quality<br>Guideline - Marine Aquatic<br>Life - Long Term Average | BC Approved Water Quality<br>Guideline - Marine Aquatic<br>Life - Short Term Max | BC Working Water Quality<br>Guideline - Marine Aquatic<br>Life - Long Term Average | WLNG US<br>2025-10-21<br>10:11:00 | WLNG DS<br>2025-10-21<br>09:40:00 |
|------------------------------|------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|
| Inorganics                   |      |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    |                                   |                                   |
| Organic Carbon (C)-Total     | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 5.5                               | 2.3                               |
| Organic Carbon (C)-Dissolved | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 5.2                               | 2.8                               |
| Solids-Total Dissolved       | mg/L |                                                                                            |                                                                                      |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 56                                | 68                                |
| Solids-Total Suspended       | mg/L | 6.6                                                                                        | 26.6                                                                                 |                                                                                           |                                                                                     |                                                                                  |                                                                                    | 1.6                               | 1.2                               |

<sup>1</sup> Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as CaCO<sub>3</sub>) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO<sub>3</sub>), and Chloride).

<sup>2</sup> Guideline values presented represent the lower of the co-factor dependent guidelines for the upstream and downstream stations when they differ, but exceedance bolding is dependent on guidelines calculated using in situ co-factor considerations.

<sup>3</sup> **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per <sup>1</sup> and <sup>2</sup> above. Note: Not all exceedances are project related.

|                                                                                                                                                                                      |                |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------|
|  <b>Eagle Mountain - Woodfibre Gas Pipeline Project<br/>Waste Discharge Permit PE-110163 Report</b> | Reporting Week | Oct 20 <sup>th</sup> to Oct 26 <sup>th</sup> , 2025 |
|                                                                                                                                                                                      | Report #       | 83                                                  |
|                                                                                                                                                                                      | Appendix D     | D-3                                                 |

## Woodfibre Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet



Project: FORTIS11234

Location Information

|            |                      |          |                         |
|------------|----------------------|----------|-------------------------|
| Site ID:   | <u>WLNG (EAS) DS</u> | Date:    | <u>October 21, 2024</u> |
| Site Name: | <u>East Creek</u>    | Time:    | <u>9:40</u>             |
| Site UTM:  | Zone: <u>E:</u>      | Crew:    | <u>ME, HM</u>           |
| (NAD83)    | N: <u></u>           | Weather: | <u>Clear</u>            |

In Situ Parameters

|                          |                  |           |                   |                       |
|--------------------------|------------------|-----------|-------------------|-----------------------|
| pH:                      | <u>7.55</u>      | DO:       | <u>-*</u> (mg/L)  | *YSI DO not accurate. |
| Temp.:                   | <u>11.7</u> (°C) | Cond:     | <u>174.2</u> (us) |                       |
| Turbidity:               | <u>4.17</u> NTU  | Salinity: | <u>0.08</u> (ppt) |                       |
| Visible Sheen:           | <u>N</u>         | ORP:      | <u>13.2</u> (mV)  |                       |
| Water Surface Condition: | <u>Clear</u>     |           |                   |                       |

Photo Record

No photo collected due to phone issues

Observations

Sediment build-up on stream bed, no photo collected due to phone issues.

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Water Quality Field Data Sheet



Project: FORTIS11234

| Location Information |                      |                                |          |                         |
|----------------------|----------------------|--------------------------------|----------|-------------------------|
| Site ID:             | <u>WLNG (EAS) US</u> |                                | Date:    | <u>October 21, 2025</u> |
| Site Name:           | <u>East Creek</u>    |                                | Time:    | <u>10:11</u>            |
| Site UTM:            | Zone:                | E: <u>                    </u> | Crew:    | <u>ME, HM</u>           |
| (NAD83)              |                      | N: <u>                    </u> | Weather: | <u>Clear</u>            |

| In Situ Parameters       |                  |           |                                             |
|--------------------------|------------------|-----------|---------------------------------------------|
| pH:                      | <u>7.59</u>      | DO:       | <u>-*</u> (mg/L)      *YSI DO not accurate. |
| Temp.:                   | <u>10.9</u> (°C) | Cond:     | <u>123.1</u> (us)                           |
| Turbidity:               | <u>0.85</u> NTU  | Salinity: | <u>0.06</u> (ppt)                           |
| Visible Sheen:           | <u>N</u>         | ORP:      | <u>13.1</u> (mV)                            |
| Water Surface Condition: | <u>Clear</u>     |           |                                             |

Photo Record

Photo



Observations

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|  |
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|  |
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|  |

| Woodfibre LNG (East Creek) |                     |                 |                               |         |               |                         |                 |                |
|----------------------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station                    | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| EAS-DS                     | 2025-10-20 00:00:00 | 10.475          | 42.663                        | 0.357   | 7.257         | 10.789                  | 23.229          | 0.019          |
| EAS-DS                     | 2025-10-20 01:00:00 | 10.731          | 74.709                        | 0.355   | 7.491         | 10.717                  | 14.264          | 0.034          |
| EAS-DS                     | 2025-10-20 02:00:00 | 10.909          | 98.682                        | 0.356   | 7.519         | 10.711                  | 15.461          | 0.046          |
| EAS-DS                     | 2025-10-20 03:00:00 | 10.946          | 97.345                        | 0.356   | 7.561         | 10.714                  | 18.938          | 0.045          |
| EAS-DS                     | 2025-10-20 04:00:00 | 10.979          | 101.044                       | 0.355   | 7.561         | 10.707                  | 16.760          | 0.047          |
| EAS-DS                     | 2025-10-20 05:00:00 |                 | 99.998                        |         |               |                         |                 | 0.046          |
| EAS-DS                     | 2025-10-20 06:00:00 |                 | 106.236                       |         |               |                         |                 | 0.049          |
| EAS-DS                     | 2025-10-20 07:00:00 | 11.032          | 101.357                       | 0.355   | 7.606         | 10.708                  | 30.488          | 0.047          |
| EAS-DS                     | 2025-10-20 08:00:00 | 10.886          | 100.124                       | 0.360   | 7.535         | 10.754                  | 24.909          | 0.046          |
| EAS-DS                     | 2025-10-20 09:00:00 | 10.928          | 104.022                       | 0.358   | 7.606         | 10.748                  | 30.484          | 0.048          |
| EAS-DS                     | 2025-10-20 10:00:00 | 10.940          | 100.617                       | 0.357   | 7.608         | 10.720                  | 21.970          | 0.047          |
| EAS-DS                     | 2025-10-20 11:00:00 | 10.908          | 0.075                         | 0.344   | 7.476         | 10.661                  | 172.049         | 0.000          |
| EAS-DS                     | 2025-10-20 12:00:00 | 10.886          | 0.075                         | 0.344   | 7.418         | 10.683                  | 142.742         | 0.000          |
| EAS-DS                     | 2025-10-20 13:00:00 | 11.101          | 106.561                       | 0.356   | 7.633         | 10.698                  | 21.346          | 0.050          |
| EAS-DS                     | 2025-10-20 14:00:00 | 10.779          | 62.553                        | 0.355   | 7.345         | 10.774                  | 15.272          | 0.028          |
| EAS-DS                     | 2025-10-20 15:00:00 | 11.205          | 112.344                       | 0.354   | 7.649         | 10.681                  | 22.130          | 0.052          |
| EAS-DS                     | 2025-10-20 16:00:00 | 11.191          | 115.493                       | 0.357   | 7.671         | 10.672                  | 49.597          | 0.054          |
| EAS-DS                     | 2025-10-20 17:00:00 | 10.894          | 0.075                         | 0.344   | 7.420         | 10.653                  | 752.245         | 0.000          |
| EAS-DS                     | 2025-10-20 18:00:00 | 11.114          | 120.186                       | 0.354   | 7.691         | 10.660                  | 22.049          | 0.056          |
| EAS-DS                     | 2025-10-20 19:00:00 | 11.067          | 114.478                       | 0.357   | 7.653         | 10.668                  | 19.196          | 0.053          |
| EAS-DS                     | 2025-10-20 20:00:00 | 11.067          | 119.381                       | 0.358   | 7.671         | 10.673                  | 14.422          | 0.056          |
| EAS-DS                     | 2025-10-20 21:00:00 | 10.976          | 111.563                       | 0.357   | 7.649         | 10.677                  | 12.800          | 0.052          |
| EAS-DS                     | 2025-10-20 22:00:00 | 11.086          | 120.476                       | 0.354   | 7.722         | 10.633                  | 14.302          | 0.056          |
| EAS-DS                     | 2025-10-20 23:00:00 | 11.106          | 127.560                       | 0.349   | 7.713         | 10.667                  | 20.201          | 0.060          |
| EAS-DS                     | 2025-10-21 00:00:00 | 11.027          | 0.075                         | 0.342   | 7.656         | 10.556                  | 20.702          | 0.000          |
| EAS-DS                     | 2025-10-21 01:00:00 | 11.149          | 131.574                       | 0.353   | 7.720         | 10.617                  | 14.876          | 0.062          |
| EAS-DS                     | 2025-10-21 02:00:00 | 11.243          | 137.783                       | 0.346   | 7.731         | 10.618                  | 15.610          | 0.065          |
| EAS-DS                     | 2025-10-21 03:00:00 | 11.187          | 133.779                       | 0.346   | 7.718         | 10.614                  | 14.436          | 0.063          |
| EAS-DS                     | 2025-10-21 04:00:00 | 10.958          | 0.075                         | 0.333   | 7.556         | 10.604                  | 17.161          | 0.000          |
| EAS-DS                     | 2025-10-21 05:00:00 | 11.000          | 0.075                         | 0.339   | 7.539         | 10.549                  | 873.360         | 0.000          |
| EAS-DS                     | 2025-10-21 06:00:00 | 11.186          | 0.075                         | 0.337   | 7.658         | 10.493                  | 777.385         | 0.000          |
| EAS-DS                     | 2025-10-21 07:00:00 | 11.328          | 4.665                         | 0.350   | 7.727         | 10.534                  | 28.558          | 0.001          |
| EAS-DS                     | 2025-10-21 08:00:00 | 11.271          | 124.924                       | 0.352   | 7.712         | 10.584                  | 15.775          | 0.058          |
| EAS-DS                     | 2025-10-21 09:00:00 | 11.100          | 0.075                         | 0.343   | 7.655         | 10.515                  | 195.225         | 0.000          |
| EAS-DS                     | 2025-10-21 10:00:00 | 11.355          | 128.458                       | 0.311   | 7.593         | 10.737                  | 0.000           | 0.060          |
| EAS-DS                     | 2025-10-21 11:00:00 | 11.507          | 120.608                       | 0.315   | 7.703         | 10.709                  | 0.000           | 0.056          |
| EAS-DS                     | 2025-10-21 12:00:00 | 11.664          | 125.577                       | 0.322   | 7.713         | 10.682                  | 0.000           | 0.059          |
| EAS-DS                     | 2025-10-21 13:00:00 | 11.783          | 122.096                       | 0.324   | 7.718         | 10.622                  | 0.000           | 0.057          |
| EAS-DS                     | 2025-10-21 14:00:00 | 11.723          | 94.538                        | 0.327   | 7.691         | 10.589                  | 0.000           | 0.044          |
| EAS-DS                     | 2025-10-21 15:00:00 | 11.878          | 121.819                       | 0.328   | 7.731         | 10.562                  | 0.000           | 0.057          |
| EAS-DS                     | 2025-10-21 16:00:00 | 11.874          | 126.877                       | 0.331   | 7.739         | 10.549                  | 0.000           | 0.059          |
| EAS-DS                     | 2025-10-21 17:00:00 | 11.194          | 46.502                        | 0.337   | 7.373         | 10.640                  | 0.000           | 0.021          |
| EAS-DS                     | 2025-10-21 18:00:00 | 11.616          | 127.321                       | 0.332   | 7.739         | 10.602                  | 0.000           | 0.060          |
| EAS-DS                     | 2025-10-21 19:00:00 | 11.499          | 123.863                       | 0.337   | 7.726         | 10.588                  | 0.000           | 0.058          |
| EAS-DS                     | 2025-10-21 20:00:00 |                 | 109.846                       |         |               |                         |                 | 0.051          |
| EAS-DS                     | 2025-10-21 21:00:00 | 11.217          | 123.012                       | 0.341   | 7.733         | 10.643                  | 0.000           | 0.058          |
| EAS-DS                     | 2025-10-21 22:00:00 | 11.187          | 128.979                       | 0.341   | 7.745         | 10.642                  | 0.000           | 0.060          |
| EAS-DS                     | 2025-10-21 23:00:00 |                 | 124.305                       |         |               |                         |                 | 0.058          |
| EAS-DS                     | 2025-10-22 00:00:00 | 11.139          | 128.131                       | 0.342   | 7.759         | 10.705                  | 0.000           | 0.060          |
| EAS-DS                     | 2025-10-22 01:00:00 | 11.171          | 126.040                       | 0.341   | 7.763         | 10.659                  | 0.000           | 0.059          |
| EAS-DS                     | 2025-10-22 02:00:00 | 11.097          | 128.368                       | 0.344   | 7.770         | 10.651                  | 0.000           | 0.060          |
| EAS-DS                     | 2025-10-22 03:00:00 | 11.044          | 126.837                       | 0.344   | 7.740         | 10.677                  | 0.000           | 0.059          |
| EAS-DS                     | 2025-10-22 04:00:00 | 11.127          | 128.608                       | 0.342   | 7.769         | 10.653                  | 0.000           | 0.060          |
| EAS-DS                     | 2025-10-22 05:00:00 | 11.119          | 129.590                       | 0.342   | 7.767         | 10.651                  | 0.000           | 0.061          |

| Woodfibre LNG (East Creek) |                     |                 |                               |         |               |                         |                 |                |
|----------------------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station                    | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| EAS-DS                     | 2025-10-22 06:00:00 | 11.139          | 132.241                       | 0.341   | 7.773         | 10.613                  | 0.000           | 0.062          |
| EAS-DS                     | 2025-10-22 07:00:00 | 11.007          | 119.834                       | 0.341   | 7.768         | 10.619                  | 0.000           | 0.056          |
| EAS-DS                     | 2025-10-22 08:00:00 | 10.996          | 125.824                       | 0.344   | 7.770         | 10.656                  | 0.000           | 0.059          |
| EAS-DS                     | 2025-10-22 09:00:00 | 11.014          | 132.146                       | 0.345   | 7.758         | 10.636                  | 0.000           | 0.062          |
| EAS-DS                     | 2025-10-22 10:00:00 | 11.149          | 137.498                       | 0.343   | 7.758         | 10.610                  | 0.000           | 0.064          |
| EAS-DS                     | 2025-10-22 11:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-22 12:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-22 13:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-22 14:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-22 15:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-22 16:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-22 17:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-22 18:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-22 19:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-22 20:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-22 21:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-22 22:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-22 23:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-23 00:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-23 01:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-23 02:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-23 03:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-23 04:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-23 05:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-23 06:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-23 07:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-23 08:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-23 09:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-23 10:00:00 |                 |                               |         |               |                         |                 |                |
| EAS-DS                     | 2025-10-23 11:00:00 | 10.998          | 133.753                       | 0.335   | 7.585         | 10.807                  | 3.171           | 0.063          |
| EAS-DS                     | 2025-10-23 12:00:00 | 11.454          | 148.828                       | 0.335   | 7.729         | 10.646                  | 1.046           | 0.070          |
| EAS-DS                     | 2025-10-23 13:00:00 | 11.655          | 141.171                       | 0.336   | 7.740         | 10.606                  | 3.656           | 0.066          |
| EAS-DS                     | 2025-10-23 14:00:00 | 11.626          | 137.775                       | 0.343   | 7.748         | 10.596                  | 3.021           | 0.065          |
| EAS-DS                     | 2025-10-23 15:00:00 | 11.602          | 128.756                       | 0.344   | 7.731         | 10.602                  | 18.909          | 0.060          |
| EAS-DS                     | 2025-10-23 16:00:00 | 11.658          | 129.416                       | 0.351   | 7.694         | 10.579                  | 1.122           | 0.061          |
| EAS-DS                     | 2025-10-23 17:00:00 | 11.467          | 97.206                        | 0.350   | 7.692         | 10.560                  | 7.977           | 0.045          |
| EAS-DS                     | 2025-10-23 18:00:00 | 11.570          | 123.831                       | 0.357   | 7.689         | 10.550                  | 0.000           | 0.058          |
| EAS-DS                     | 2025-10-23 19:00:00 | 11.557          | 123.592                       | 0.359   | 7.704         | 10.562                  | 0.831           | 0.058          |
| EAS-DS                     | 2025-10-23 20:00:00 | 11.519          | 117.564                       | 0.361   | 7.693         | 10.541                  | 7.723           | 0.055          |
| EAS-DS                     | 2025-10-23 21:00:00 | 11.135          | 55.233                        | 0.367   | 7.443         | 10.593                  | 0.402           | 0.025          |
| EAS-DS                     | 2025-10-23 22:00:00 | 11.523          | 121.930                       | 0.371   | 7.707         | 10.517                  | 0.000           | 0.057          |
| EAS-DS                     | 2025-10-23 23:00:00 | 11.484          | 126.199                       | 0.375   | 7.710         | 10.511                  | 0.000           | 0.059          |
| EAS-DS                     | 2025-10-24 00:00:00 | 11.464          | 122.600                       | 0.373   | 7.731         | 10.501                  | 0.000           | 0.057          |
| EAS-DS                     | 2025-10-24 01:00:00 | 11.393          | 126.054                       | 0.376   | 7.692         | 10.523                  | 4.203           | 0.059          |
| EAS-DS                     | 2025-10-24 02:00:00 | 11.208          | 113.281                       | 0.373   | 7.651         | 10.538                  | 3.078           | 0.053          |
| EAS-DS                     | 2025-10-24 03:00:00 | 11.505          | 144.681                       | 0.375   | 7.760         | 10.480                  | 0.000           | 0.068          |
| EAS-DS                     | 2025-10-24 04:00:00 | 11.298          | 118.333                       | 0.373   | 7.698         | 10.481                  | 33.864          | 0.055          |
| EAS-DS                     | 2025-10-24 05:00:00 | 11.573          | 140.342                       | 0.375   | 7.757         | 10.472                  | 0.615           | 0.066          |
| EAS-DS                     | 2025-10-24 06:00:00 | 11.464          | 134.603                       | 0.375   | 7.733         | 10.462                  | 1.798           | 0.063          |
| EAS-DS                     | 2025-10-24 07:00:00 | 11.430          | 146.505                       | 0.380   | 7.711         | 10.481                  | 14.916          | 0.069          |
| EAS-DS                     | 2025-10-24 08:00:00 | 11.371          | 165.415                       | 0.379   | 7.721         | 10.526                  | 37.818          | 0.078          |
| EAS-DS                     | 2025-10-24 09:00:00 | 11.372          | 153.064                       | 0.381   | 7.690         | 10.549                  | 33.273          | 0.072          |
| EAS-DS                     | 2025-10-24 10:00:00 | 11.366          | 123.927                       | 0.383   | 7.600         | 10.533                  | 35.043          | 0.058          |
| EAS-DS                     | 2025-10-24 11:00:00 | 11.347          | 110.930                       | 0.386   | 7.502         | 10.527                  | 135.931         | 0.052          |

| Woodfibre LNG (East Creek) |                     |                 |                               |         |               |                         |                 |                |
|----------------------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station                    | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| EAS-DS                     | 2025-10-24 12:00:00 | 11.435          | 95.417                        | 0.388   | 7.419         | 10.417                  | 69.029          | 0.044          |
| EAS-DS                     | 2025-10-24 13:00:00 | 11.465          | 96.413                        | 0.387   | 7.462         | 10.523                  | 269.192         | 0.045          |
| EAS-DS                     | 2025-10-24 14:00:00 | 11.374          | 77.902                        | 0.391   | 7.345         | 10.502                  | 175.040         | 0.036          |
| EAS-DS                     | 2025-10-24 15:00:00 | 11.351          | 51.361                        | 0.396   | 7.152         | 10.480                  | 110.155         | 0.023          |
| EAS-DS                     | 2025-10-24 16:00:00 | 11.415          | 62.443                        | 0.395   | 7.285         | 10.461                  | 123.099         | 0.028          |
| EAS-DS                     | 2025-10-24 17:00:00 | 11.357          | 62.693                        | 0.396   | 7.317         | 10.456                  | 192.914         | 0.028          |
| EAS-DS                     | 2025-10-24 18:00:00 | 11.289          | 61.086                        | 0.395   | 7.320         | 10.460                  | 238.985         | 0.028          |
| EAS-DS                     | 2025-10-24 19:00:00 | 11.227          | 56.442                        | 0.397   | 7.263         | 10.471                  | 30.117          | 0.025          |
| EAS-DS                     | 2025-10-24 20:00:00 | 11.188          | 60.845                        | 0.405   | 7.235         | 10.531                  | 45.915          | 0.028          |
| EAS-DS                     | 2025-10-24 21:00:00 | 10.909          | 47.247                        | 0.398   | 7.211         | 10.583                  | 268.491         | 0.021          |
| EAS-DS                     | 2025-10-24 22:00:00 | 10.992          | 93.057                        | 0.392   | 7.530         | 10.559                  | 306.999         | 0.043          |
| EAS-DS                     | 2025-10-24 23:00:00 |                 | 67.873                        |         |               |                         |                 | 0.031          |
| EAS-DS                     | 2025-10-25 00:00:00 | 10.940          | 67.743                        | 0.397   | 7.415         | 10.602                  | 107.621         | 0.031          |
| EAS-DS                     | 2025-10-25 01:00:00 | 10.770          | 37.472                        | 0.403   | 7.102         | 10.662                  | 7.894           | 0.016          |
| EAS-DS                     | 2025-10-25 02:00:00 | 10.956          | 68.612                        | 0.397   | 7.416         | 10.616                  | 92.920          | 0.031          |
| EAS-DS                     | 2025-10-25 03:00:00 | 10.931          | 67.889                        | 0.399   | 7.424         | 10.654                  | 17.451          | 0.031          |
| EAS-DS                     | 2025-10-25 04:00:00 |                 | 67.876                        |         |               |                         |                 | 0.031          |
| EAS-DS                     | 2025-10-25 05:00:00 | 10.584          | 32.111                        | 0.406   | 7.086         | 10.649                  | 61.104          | 0.014          |
| EAS-DS                     | 2025-10-25 06:00:00 | 10.512          | 31.414                        | 0.404   | 7.093         | 10.658                  | 6.424           | 0.013          |
| EAS-DS                     | 2025-10-25 07:00:00 | 10.747          | 77.740                        | 0.400   | 7.491         | 10.612                  | 12.960          | 0.036          |
| EAS-DS                     | 2025-10-25 08:00:00 | 10.691          | 78.468                        | 0.398   | 7.529         | 10.629                  | 26.951          | 0.036          |
| EAS-DS                     | 2025-10-25 09:00:00 | 10.380          | 42.803                        | 0.404   | 7.261         | 10.628                  | 11.838          | 0.019          |
| EAS-DS                     | 2025-10-25 10:00:00 |                 | 43.753                        |         |               |                         |                 | 0.019          |
| EAS-DS                     | 2025-10-25 11:00:00 | 10.607          | 84.367                        | 0.400   | 7.561         | 10.628                  | 14.095          | 0.039          |
| EAS-DS                     | 2025-10-25 12:00:00 | 10.649          | 86.866                        | 0.397   | 7.584         | 10.584                  | 10.036          | 0.040          |
| EAS-DS                     | 2025-10-25 13:00:00 | 10.694          | 85.569                        | 0.399   | 7.585         | 10.541                  | 8.747           | 0.039          |
| EAS-DS                     | 2025-10-25 14:00:00 | 10.614          | 83.063                        | 0.398   | 7.577         | 10.560                  | 8.060           | 0.038          |
| EAS-DS                     | 2025-10-25 15:00:00 | 10.516          | 82.583                        | 0.399   | 7.584         | 10.550                  | 12.090          | 0.038          |
| EAS-DS                     | 2025-10-25 16:00:00 | 10.534          | 93.263                        | 0.399   | 7.614         | 10.581                  | 10.868          | 0.043          |
| EAS-DS                     | 2025-10-25 17:00:00 | 10.500          | 98.207                        | 0.401   | 7.615         | 10.586                  | 9.673           | 0.046          |
| EAS-DS                     | 2025-10-25 18:00:00 | 10.424          | 97.629                        | 0.399   | 7.627         | 10.591                  | 10.479          | 0.045          |
| EAS-DS                     | 2025-10-25 19:00:00 | 9.975           | 76.250                        | 0.400   | 7.511         | 10.699                  | 16.563          | 0.035          |
| EAS-DS                     | 2025-10-25 20:00:00 | 10.146          | 106.200                       | 0.400   | 7.599         | 10.672                  | 17.284          | 0.049          |
| EAS-DS                     | 2025-10-25 21:00:00 | 10.167          | 102.278                       | 0.402   | 7.598         | 10.681                  | 19.383          | 0.047          |
| EAS-DS                     | 2025-10-25 22:00:00 | 10.153          | 87.449                        | 0.401   | 7.556         | 10.707                  | 10.161          | 0.040          |
| EAS-DS                     | 2025-10-25 23:00:00 | 10.133          | 73.175                        | 0.404   | 7.459         | 10.691                  | 4.465           | 0.033          |
| EAS-DS                     | 2025-10-26 00:00:00 | 10.027          | 72.482                        | 0.407   | 7.419         | 10.743                  | 15.279          | 0.033          |
| EAS-DS                     | 2025-10-26 01:00:00 | 10.107          | 80.302                        | 0.407   | 7.462         | 10.713                  | 18.331          | 0.037          |
| EAS-DS                     | 2025-10-26 02:00:00 | 10.045          | 71.026                        | 0.408   | 7.414         | 10.758                  | 75.958          | 0.032          |
| EAS-DS                     | 2025-10-26 03:00:00 | 10.029          | 63.662                        | 0.413   | 7.318         | 10.783                  | 35.670          | 0.029          |
| EAS-DS                     | 2025-10-26 04:00:00 | 10.155          | 58.312                        | 0.413   | 7.293         | 10.773                  | 30.477          | 0.026          |
| EAS-DS                     | 2025-10-26 05:00:00 | 10.145          | 41.104                        | 0.419   | 7.109         | 10.775                  | 20.797          | 0.018          |
| EAS-DS                     | 2025-10-26 06:00:00 | 10.272          | 51.882                        | 0.419   | 7.227         | 10.762                  | 21.262          | 0.023          |
| EAS-DS                     | 2025-10-26 07:00:00 | 10.278          | 50.457                        | 0.415   | 7.259         | 10.776                  | 7.135           | 0.023          |
| EAS-DS                     | 2025-10-26 08:00:00 | 10.224          | 49.311                        | 0.416   | 7.253         | 10.797                  | 6.392           | 0.022          |
| EAS-DS                     | 2025-10-26 09:00:00 | 10.198          | 48.265                        | 0.407   | 7.266         | 10.783                  | 4.759           | 0.021          |
| EAS-DS                     | 2025-10-26 10:00:00 | 10.197          | 48.420                        | 0.416   | 7.248         | 10.824                  | 7.507           | 0.022          |
| EAS-DS                     | 2025-10-26 11:00:00 | 10.257          | 57.774                        | 0.411   | 7.359         | 10.798                  | 10.023          | 0.026          |
| EAS-DS                     | 2025-10-26 12:00:00 | 10.193          | 59.861                        | 0.411   | 7.387         | 10.843                  | 19.962          | 0.027          |
| EAS-DS                     | 2025-10-26 13:00:00 | 10.063          | 63.034                        | 0.412   | 7.402         | 10.859                  | 42.754          | 0.029          |
| EAS-DS                     | 2025-10-26 14:00:00 |                 | 77.438                        |         |               |                         |                 | 0.036          |
| EAS-DS                     | 2025-10-26 15:00:00 | 10.005          | 57.387                        | 0.412   | 7.349         | 10.875                  | 16.327          | 0.026          |
| EAS-DS                     | 2025-10-26 16:00:00 | 10.000          | 37.924                        | 0.417   | 7.142         | 10.887                  | 6.866           | 0.016          |
| EAS-DS                     | 2025-10-26 17:00:00 | 10.017          | 30.497                        | 0.424   | 6.993         | 10.874                  | 3.901           | 0.013          |



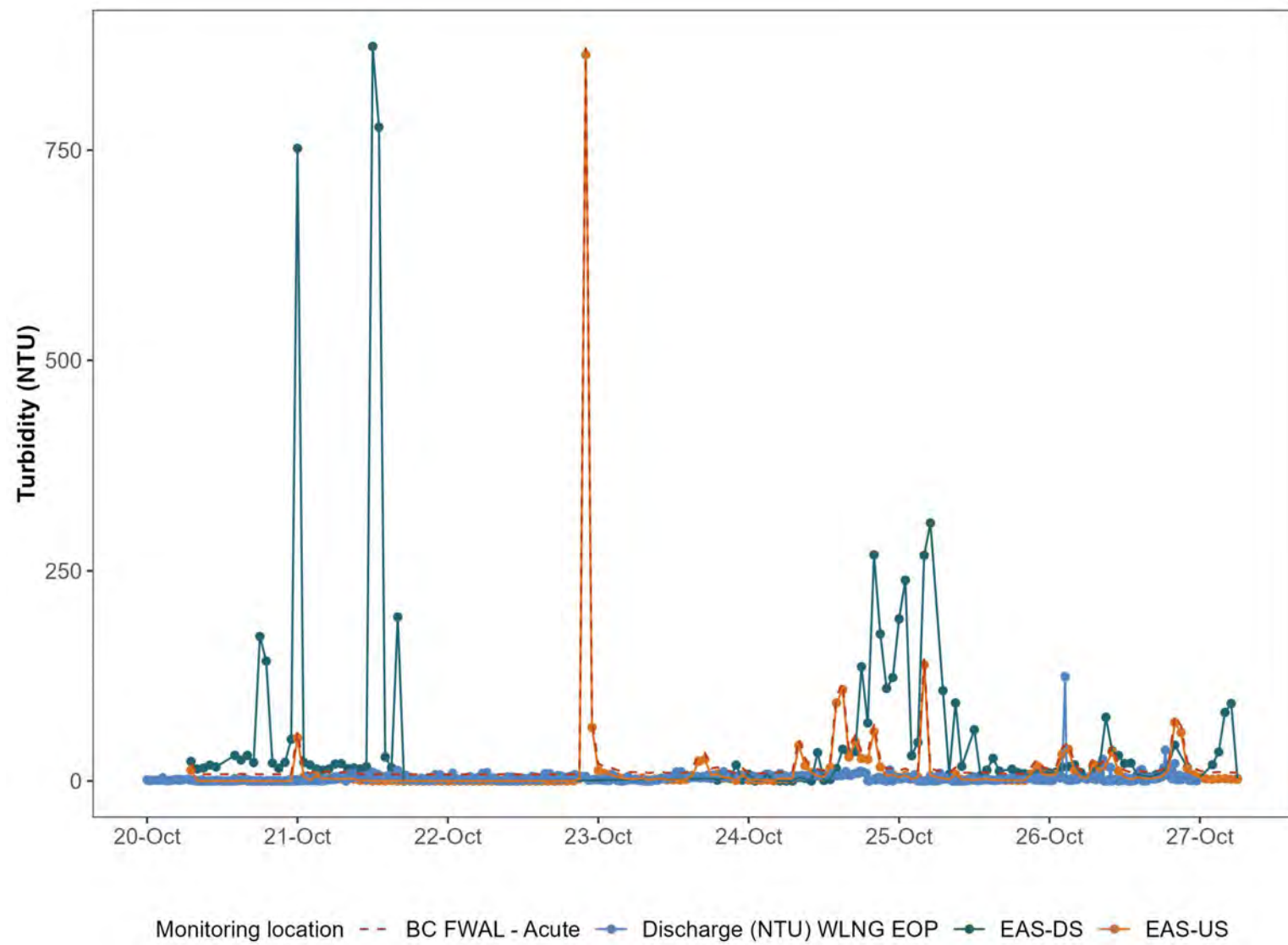
| Woodfibre LNG (East Creek) |                     |                 |                               |         |               |                         |                 |                |
|----------------------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station                    | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| EAS-DS                     | 2025-10-26 18:00:00 |                 | 27.368                        |         |               |                         |                 | 0.011          |
| EAS-DS                     | 2025-10-26 19:00:00 | 10.027          | 51.148                        | 0.420   | 7.160         | 10.871                  | 19.383          | 0.023          |
| EAS-DS                     | 2025-10-26 20:00:00 | 9.907           | 36.084                        | 0.419   | 7.156         | 10.909                  | 34.474          | 0.016          |
| EAS-DS                     | 2025-10-26 21:00:00 | 10.029          | 61.935                        | 0.418   | 7.376         | 10.875                  | 81.710          | 0.028          |
| EAS-DS                     | 2025-10-26 22:00:00 | 9.980           | 58.372                        | 0.417   | 7.376         | 10.916                  | 92.191          | 0.026          |
| EAS-DS                     | 2025-10-26 23:00:00 | 9.714           | 27.422                        | 0.421   | 7.037         | 10.982                  | 2.752           | 0.011          |
| EAS-US                     | 2025-10-20 00:00:00 | 10.349          | 84.494                        | 0.355   | 6.949         | 1.161                   | 12.878          | 0.039          |
| EAS-US                     | 2025-10-20 01:00:00 | 10.308          | 84.820                        | 0.367   | 6.925         | 0.807                   | 0.650           | 0.039          |
| EAS-US                     | 2025-10-20 02:00:00 | 10.274          | 85.379                        | 0.364   | 6.977         | 0.000                   | 0.000           | 0.039          |
| EAS-US                     | 2025-10-20 03:00:00 |                 | 84.853                        | 0.364   | 6.899         | 0.064                   | 0.000           | 0.039          |
| EAS-US                     | 2025-10-20 04:00:00 | 10.223          | 83.061                        | 0.358   | 6.919         | 0.000                   | 0.307           | 0.038          |
| EAS-US                     | 2025-10-20 05:00:00 | 10.221          | 82.750                        | 0.358   | 6.891         | 0.000                   | 0.000           | 0.038          |
| EAS-US                     | 2025-10-20 06:00:00 | 10.213          | 79.708                        | 0.356   | 6.935         | 0.000                   | 0.057           | 0.037          |
| EAS-US                     | 2025-10-20 07:00:00 | 10.226          | 80.590                        | 0.350   | 6.870         | 0.057                   | 0.000           | 0.037          |
| EAS-US                     | 2025-10-20 08:00:00 | 10.220          | 79.527                        | 0.353   | 6.948         | 0.067                   | 0.501           | 0.037          |
| EAS-US                     | 2025-10-20 09:00:00 | 10.194          | 81.110                        | 0.353   | 6.935         | 0.079                   | 0.000           | 0.037          |
| EAS-US                     | 2025-10-20 10:00:00 | 10.219          | 75.459                        | 0.347   | 6.949         | 0.075                   | 0.263           | 0.035          |
| EAS-US                     | 2025-10-20 11:00:00 | 10.274          | 73.940                        | 0.345   | 6.926         | 3.007                   | 0.000           | 0.034          |
| EAS-US                     | 2025-10-20 12:00:00 | 10.359          | 72.621                        | 0.339   | 6.952         | 0.964                   | 0.000           | 0.033          |
| EAS-US                     | 2025-10-20 13:00:00 | 10.399          | 80.309                        | 0.358   | 6.852         | 2.291                   | 0.000           | 0.037          |
| EAS-US                     | 2025-10-20 14:00:00 | 10.426          | 82.269                        | 0.360   | 6.937         | 0.193                   | 0.014           | 0.038          |
| EAS-US                     | 2025-10-20 15:00:00 |                 | 70.223                        | 0.360   | 6.856         | 1.733                   | 0.000           | 0.032          |
| EAS-US                     | 2025-10-20 16:00:00 | 10.484          | 68.694                        | 0.348   | 6.904         | 1.066                   | 0.265           | 0.031          |
| EAS-US                     | 2025-10-20 17:00:00 | 10.484          | 81.443                        | 0.351   | 6.884         | 0.524                   | 51.185          | 0.037          |
| EAS-US                     | 2025-10-20 18:00:00 | 10.483          | 99.261                        | 0.351   | 7.016         | 0.446                   | 4.959           | 0.046          |
| EAS-US                     | 2025-10-20 19:00:00 | 10.478          | 98.576                        | 0.353   | 6.964         | 0.819                   | 0.918           | 0.046          |
| EAS-US                     | 2025-10-20 20:00:00 | 10.466          | 106.463                       | 0.343   | 7.034         | 0.117                   | 6.034           | 0.050          |
| EAS-US                     | 2025-10-20 21:00:00 | 10.457          | 115.480                       | 0.345   | 7.037         | 1.579                   | 2.798           | 0.054          |
| EAS-US                     | 2025-10-20 22:00:00 | 10.461          | 108.991                       | 0.346   | 7.109         | 0.300                   | 3.394           | 0.051          |
| EAS-US                     | 2025-10-20 23:00:00 | 10.461          | 140.653                       | 0.349   | 7.163         | 0.043                   | 2.168           | 0.066          |
| EAS-US                     | 2025-10-21 00:00:00 | 10.467          | 141.665                       | 0.360   | 7.212         | 0.111                   | 2.537           | 0.066          |
| EAS-US                     | 2025-10-21 01:00:00 | 10.472          | 149.492                       | 0.357   | 7.235         | 0.000                   | 2.813           | 0.070          |
| EAS-US                     | 2025-10-21 02:00:00 | 10.473          | 149.361                       | 0.355   | 7.258         | 0.000                   | 2.560           | 0.070          |
| EAS-US                     | 2025-10-21 03:00:00 | 10.482          | 144.114                       | 0.350   | 7.245         | 0.000                   | 0.489           | 0.068          |
| EAS-US                     | 2025-10-21 04:00:00 | 10.494          | 136.960                       | 0.352   | 7.285         | 0.000                   | 0.611           | 0.064          |
| EAS-US                     | 2025-10-21 05:00:00 | 10.500          | 131.102                       | 0.353   | 7.198         | 0.000                   | 0.000           | 0.061          |
| EAS-US                     | 2025-10-21 06:00:00 | 10.505          | 134.823                       | 0.347   | 7.199         | 0.000                   | 0.225           | 0.063          |
| EAS-US                     | 2025-10-21 07:00:00 | 10.489          | 126.605                       | 0.347   | 7.134         | 0.000                   | 0.000           | 0.059          |
| EAS-US                     | 2025-10-21 08:00:00 | 10.466          | 121.655                       | 0.342   | 7.149         | 0.000                   | 0.469           | 0.057          |
| EAS-US                     | 2025-10-21 09:00:00 | 10.445          | 119.255                       | 0.334   | 7.080         | 0.000                   | 0.000           | 0.056          |
| EAS-US                     | 2025-10-21 10:00:00 | 10.484          | 113.987                       | 0.317   | 7.091         | 0.000                   | 0.550           | 0.053          |
| EAS-US                     | 2025-10-21 11:00:00 | 10.691          | 72.248                        | 0.344   | 7.026         | 10.638                  | 0.000           | 0.033          |
| EAS-US                     | 2025-10-21 12:00:00 | 10.808          | 64.159                        | 0.367   | 7.059         | 10.609                  | 0.000           | 0.029          |
| EAS-US                     | 2025-10-21 13:00:00 | 10.919          | 61.089                        | 0.369   | 6.997         | 10.599                  | 0.000           | 0.028          |
| EAS-US                     | 2025-10-21 14:00:00 | 11.013          | 57.045                        | 0.368   | 7.018         | 10.538                  | 0.000           | 0.026          |
| EAS-US                     | 2025-10-21 15:00:00 |                 | 55.272                        | 0.360   | 6.990         | 10.488                  | 0.000           | 0.025          |
| EAS-US                     | 2025-10-21 16:00:00 | 11.119          | 54.848                        | 0.353   | 6.916         | 10.459                  | 0.000           | 0.025          |
| EAS-US                     | 2025-10-21 17:00:00 | 11.053          | 53.339                        | 0.350   | 6.875         | 10.455                  | 0.000           | 0.024          |
| EAS-US                     | 2025-10-21 18:00:00 | 10.944          | 52.552                        | 0.342   | 6.940         | 10.476                  | 0.000           | 0.024          |
| EAS-US                     | 2025-10-21 19:00:00 | 10.836          | 52.395                        | 0.371   | 6.937         | 10.501                  | 0.000           | 0.023          |
| EAS-US                     | 2025-10-21 20:00:00 | 10.708          | 49.561                        | 0.370   | 6.870         | 10.547                  | 0.000           | 0.022          |
| EAS-US                     | 2025-10-21 21:00:00 | 10.587          | 48.925                        | 0.380   | 6.895         | 10.562                  | 0.000           | 0.022          |
| EAS-US                     | 2025-10-21 22:00:00 | 10.521          | 51.121                        | 0.370   | 6.899         | 10.584                  | 0.000           | 0.023          |
| EAS-US                     | 2025-10-21 23:00:00 | 10.408          | 50.241                        | 0.358   | 6.993         | 10.607                  | 0.000           | 0.022          |



| Woodfibre LNG (East Creek) |                     |                 |                               |         |               |                         |                 |                |
|----------------------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station                    | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| EAS-US                     | 2025-10-22 00:00:00 | 10.315          | 49.864                        | 0.368   | 6.881         | 10.618                  | 0.000           | 0.022          |
| EAS-US                     | 2025-10-22 01:00:00 | 10.239          | 49.185                        | 0.366   | 6.918         | 10.632                  | 0.000           | 0.022          |
| EAS-US                     | 2025-10-22 02:00:00 | 10.145          | 48.627                        | 0.369   | 6.847         | 10.649                  | 0.000           | 0.022          |
| EAS-US                     | 2025-10-22 03:00:00 | 10.084          | 47.756                        | 0.366   | 6.921         | 10.668                  | 0.000           | 0.021          |
| EAS-US                     | 2025-10-22 04:00:00 | 10.050          | 47.201                        | 0.365   | 6.871         | 10.653                  | 0.000           | 0.021          |
| EAS-US                     | 2025-10-22 05:00:00 | 9.984           | 46.713                        | 0.365   | 6.901         | 10.675                  | 0.000           | 0.021          |
| EAS-US                     | 2025-10-22 06:00:00 | 9.918           | 45.972                        | 0.364   | 6.862         | 10.679                  | 0.000           | 0.020          |
| EAS-US                     | 2025-10-22 07:00:00 | 9.852           | 45.674                        | 0.362   | 6.870         | 10.676                  | 0.000           | 0.020          |
| EAS-US                     | 2025-10-22 08:00:00 | 9.828           | 45.118                        | 0.364   | 6.873         | 10.681                  | 0.000           | 0.020          |
| EAS-US                     | 2025-10-22 09:00:00 | 9.873           | 44.837                        | 0.362   | 6.844         | 10.685                  | 0.000           | 0.020          |
| EAS-US                     | 2025-10-22 10:00:00 | 9.933           | 44.325                        | 0.358   | 6.865         | 10.689                  | 0.000           | 0.020          |
| EAS-US                     | 2025-10-22 11:00:00 | 9.998           | 43.730                        | 0.361   | 6.892         | 10.685                  | 0.000           | 0.019          |
| EAS-US                     | 2025-10-22 12:00:00 | 10.023          | 43.077                        | 0.365   | 7.012         | 10.661                  | 0.000           | 0.019          |
| EAS-US                     | 2025-10-22 13:00:00 | 10.035          | 42.534                        | 0.368   | 6.882         | 10.651                  | 0.000           | 0.019          |
| EAS-US                     | 2025-10-22 14:00:00 | 10.008          | 42.640                        | 0.364   | 6.841         | 10.656                  | 2.686           | 0.019          |
| EAS-US                     | 2025-10-22 15:00:00 | 9.796           | 151.057                       | 0.332   | 7.596         | 10.781                  | 863.355         | 0.071          |
| EAS-US                     | 2025-10-22 16:00:00 | 10.131          | 189.401                       | 0.329   | 7.496         | 10.730                  | 63.847          | 0.089          |
| EAS-US                     | 2025-10-22 17:00:00 | 10.257          | 201.637                       | 0.331   | 7.557         | 10.690                  | 12.635          | 0.095          |
| EAS-US                     | 2025-10-22 18:00:00 | 10.267          | 181.172                       | 0.328   | 7.506         | 10.680                  | 8.908           | 0.085          |
| EAS-US                     | 2025-10-22 19:00:00 | 10.271          | 158.463                       | 0.335   | 7.474         | 10.682                  | 7.756           | 0.074          |
| EAS-US                     | 2025-10-22 20:00:00 | 10.285          | 149.738                       | 0.333   | 7.418         | 10.664                  | 4.924           | 0.070          |
| EAS-US                     | 2025-10-22 21:00:00 | 10.310          | 136.571                       | 0.338   | 7.420         | 10.665                  | 3.133           | 0.064          |
| EAS-US                     | 2025-10-22 22:00:00 | 10.342          | 121.378                       | 0.338   | 7.285         | 10.656                  | 2.533           | 0.057          |
| EAS-US                     | 2025-10-22 23:00:00 | 10.363          | 109.406                       | 0.348   | 7.256         | 10.636                  | 2.505           | 0.051          |
| EAS-US                     | 2025-10-23 00:00:00 | 10.366          | 99.500                        | 0.345   | 7.202         | 10.657                  | 3.678           | 0.046          |
| EAS-US                     | 2025-10-23 01:00:00 | 10.367          | 91.133                        | 0.353   | 7.186         | 10.638                  | 1.344           | 0.042          |
| EAS-US                     | 2025-10-23 02:00:00 | 10.381          | 86.278                        | 0.350   | 7.126         | 10.633                  | 2.288           | 0.040          |
| EAS-US                     | 2025-10-23 03:00:00 | 10.391          | 81.000                        | 0.358   | 7.106         | 10.641                  | 3.029           | 0.037          |
| EAS-US                     | 2025-10-23 04:00:00 | 10.401          | 78.928                        | 0.357   | 7.109         | 10.633                  | 1.425           | 0.036          |
| EAS-US                     | 2025-10-23 05:00:00 | 10.430          | 73.621                        | 0.362   | 7.050         | 10.621                  | 1.508           | 0.034          |
| EAS-US                     | 2025-10-23 06:00:00 | 10.455          | 70.824                        | 0.360   | 7.051         | 10.613                  | 1.138           | 0.032          |
| EAS-US                     | 2025-10-23 07:00:00 | 10.479          | 84.627                        | 0.362   | 7.092         | 10.616                  | 1.991           | 0.039          |
| EAS-US                     | 2025-10-23 08:00:00 | 10.488          | 106.812                       | 0.352   | 7.221         | 10.594                  | 6.732           | 0.050          |
| EAS-US                     | 2025-10-23 09:00:00 | 10.499          | 131.643                       | 0.349   | 7.328         | 10.632                  | 23.337          | 0.062          |
| EAS-US                     | 2025-10-23 10:00:00 | 10.566          | 177.696                       | 0.340   | 7.453         | 10.630                  | 25.965          | 0.084          |
| EAS-US                     | 2025-10-23 11:00:00 | 10.678          | 184.183                       | 0.337   | 7.522         | 10.598                  | 6.991           | 0.087          |
| EAS-US                     | 2025-10-23 12:00:00 | 10.762          | 163.780                       | 0.338   | 7.460         | 10.589                  | 8.321           | 0.077          |
| EAS-US                     | 2025-10-23 13:00:00 | 10.844          | 146.705                       | 0.343   | 7.406         | 10.563                  | 4.062           | 0.069          |
| EAS-US                     | 2025-10-23 14:00:00 | 10.917          | 126.884                       | 0.344   | 7.301         | 10.532                  | 3.847           | 0.059          |
| EAS-US                     | 2025-10-23 15:00:00 | 10.923          | 109.508                       | 0.351   | 7.258         | 10.508                  | 0.600           | 0.051          |
| EAS-US                     | 2025-10-23 16:00:00 | 10.933          | 96.192                        | 0.352   | 7.171         | 10.496                  | 7.430           | 0.045          |
| EAS-US                     | 2025-10-23 17:00:00 | 10.940          | 85.881                        | 0.358   | 7.116         | 10.477                  | 1.203           | 0.040          |
| EAS-US                     | 2025-10-23 18:00:00 | 10.938          | 78.347                        | 0.357   | 7.081         | 10.469                  | 1.836           | 0.036          |
| EAS-US                     | 2025-10-23 19:00:00 | 10.932          | 82.272                        | 0.358   | 7.110         | 10.462                  | 1.176           | 0.038          |
| EAS-US                     | 2025-10-23 20:00:00 | 10.935          | 72.661                        | 0.357   | 7.047         | 10.455                  | 1.280           | 0.033          |
| EAS-US                     | 2025-10-23 21:00:00 | 10.952          | 67.764                        | 0.361   | 7.049         | 10.437                  | 0.752           | 0.031          |
| EAS-US                     | 2025-10-23 22:00:00 | 10.974          | 89.896                        | 0.356   | 7.124         | 10.426                  | 2.889           | 0.042          |
| EAS-US                     | 2025-10-23 23:00:00 | 10.973          | 92.271                        | 0.352   | 7.210         | 10.437                  | 2.669           | 0.043          |
| EAS-US                     | 2025-10-24 00:00:00 | 10.970          | 95.341                        | 0.351   | 7.181         | 10.427                  | 3.377           | 0.044          |
| EAS-US                     | 2025-10-24 01:00:00 | 10.976          | 149.164                       | 0.339   | 7.403         | 10.434                  | 42.230          | 0.070          |
| EAS-US                     | 2025-10-24 02:00:00 | 11.013          | 198.833                       | 0.330   | 7.539         | 10.415                  | 18.382          | 0.094          |
| EAS-US                     | 2025-10-24 03:00:00 | 11.011          | 181.785                       | 0.328   | 7.519         | 10.421                  | 10.143          | 0.086          |
| EAS-US                     | 2025-10-24 04:00:00 | 11.002          | 177.540                       | 0.328   | 7.506         | 10.410                  | 6.003           | 0.084          |
| EAS-US                     | 2025-10-24 05:00:00 | 10.979          | 154.391                       | 0.334   | 7.437         | 10.412                  | 4.803           | 0.073          |

| Woodfibre LNG (East Creek) |                     |                 |                               |         |               |                         |                 |                |
|----------------------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station                    | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| EAS-US                     | 2025-10-24 06:00:00 | 10.973          | 164.954                       | 0.328   | 7.477         | 10.405                  | 15.953          | 0.078          |
| EAS-US                     | 2025-10-24 07:00:00 | 11.023          | 230.323                       | 0.315   | 7.661         | 10.420                  | 92.771          | 0.109          |
| EAS-US                     | 2025-10-24 08:00:00 | 11.142          | 254.653                       | 0.307   | 7.710         | 10.414                  | 108.644         | 0.121          |
| EAS-US                     | 2025-10-24 09:00:00 | 11.229          | 214.684                       | 0.310   | 7.642         | 10.381                  | 28.384          | 0.102          |
| EAS-US                     | 2025-10-24 10:00:00 | 11.224          | 159.348                       | 0.325   | 7.548         | 10.371                  | 46.659          | 0.075          |
| EAS-US                     | 2025-10-24 11:00:00 | 11.288          | 151.593                       | 0.328   | 7.506         | 10.358                  | 26.760          | 0.071          |
| EAS-US                     | 2025-10-24 12:00:00 | 11.304          | 121.464                       | 0.336   | 7.428         | 10.345                  | 25.774          | 0.057          |
| EAS-US                     | 2025-10-24 13:00:00 | 11.398          | 132.143                       | 0.331   | 7.474         | 10.358                  | 58.833          | 0.062          |
| EAS-US                     | 2025-10-24 14:00:00 | 11.279          | 91.836                        | 0.344   | 7.329         | 10.360                  | 16.660          | 0.043          |
| EAS-US                     | 2025-10-24 15:00:00 | 11.346          | 70.121                        | 0.346   | 7.255         | 10.326                  | 6.484           | 0.032          |
| EAS-US                     | 2025-10-24 16:00:00 | 11.283          | 58.138                        | 0.355   | 7.207         | 10.326                  | 7.356           | 0.026          |
| EAS-US                     | 2025-10-24 17:00:00 | 11.193          | 50.963                        | 0.358   | 7.065         | 10.319                  | 4.430           | 0.023          |
| EAS-US                     | 2025-10-24 18:00:00 | 11.103          | 47.610                        | 0.364   | 7.063         | 10.376                  | 6.857           | 0.021          |
| EAS-US                     | 2025-10-24 19:00:00 | 11.031          | 45.182                        | 0.357   | 7.082         | 10.393                  | 2.485           | 0.020          |
| EAS-US                     | 2025-10-24 20:00:00 |                 | 46.891                        | 0.362   | 7.053         | 10.397                  | 4.355           | 0.021          |
| EAS-US                     | 2025-10-24 21:00:00 | 10.758          | 73.784                        | 0.343   | 7.393         | 10.428                  | 138.282         | 0.034          |
| EAS-US                     | 2025-10-24 22:00:00 | 10.762          | 117.142                       | 0.334   | 7.551         | 10.440                  | 6.569           | 0.055          |
| EAS-US                     | 2025-10-24 23:00:00 | 10.710          | 81.994                        | 0.338   | 7.370         | 10.500                  | 4.626           | 0.038          |
| EAS-US                     | 2025-10-25 00:00:00 | 10.632          | 63.541                        | 0.349   | 7.181         | 10.518                  | 3.273           | 0.029          |
| EAS-US                     | 2025-10-25 01:00:00 | 10.659          | 53.951                        | 0.341   | 7.203         | 10.505                  | 1.778           | 0.024          |
| EAS-US                     | 2025-10-25 02:00:00 | 10.627          | 49.244                        | 0.347   | 7.149         | 10.508                  | 8.083           | 0.022          |
| EAS-US                     | 2025-10-25 03:00:00 | 10.587          | 45.392                        | 0.344   | 7.099         | 10.520                  | 1.848           | 0.020          |
| EAS-US                     | 2025-10-25 04:00:00 | 10.540          | 43.374                        | 0.344   | 7.064         | 10.533                  | 1.987           | 0.019          |
| EAS-US                     | 2025-10-25 05:00:00 | 10.477          | 42.098                        | 0.338   | 7.098         | 10.470                  | 0.981           | 0.019          |
| EAS-US                     | 2025-10-25 06:00:00 | 10.403          | 41.352                        | 0.340   | 7.055         | 10.421                  | 2.088           | 0.018          |
| EAS-US                     | 2025-10-25 07:00:00 | 10.350          | 40.633                        | 0.330   | 7.086         | 10.292                  | 2.393           | 0.018          |
| EAS-US                     | 2025-10-25 08:00:00 | 10.283          | 39.939                        | 0.333   | 7.006         | 10.098                  | 1.363           | 0.017          |
| EAS-US                     | 2025-10-25 09:00:00 | 10.216          | 39.550                        | 0.331   | 7.007         | 10.030                  | 1.119           | 0.017          |
| EAS-US                     | 2025-10-25 10:00:00 | 10.196          | 39.184                        | 0.329   | 7.057         | 10.031                  | 0.735           | 0.017          |
| EAS-US                     | 2025-10-25 11:00:00 | 10.172          | 38.668                        | 0.327   | 7.039         | 9.924                   | 0.897           | 0.017          |
| EAS-US                     | 2025-10-25 12:00:00 | 10.171          | 38.878                        | 0.328   | 7.048         | 10.346                  | 0.589           | 0.017          |
| EAS-US                     | 2025-10-25 13:00:00 | 10.195          | 39.700                        | 0.324   | 7.089         | 10.383                  | 0.694           | 0.017          |
| EAS-US                     | 2025-10-25 14:00:00 | 10.124          | 53.513                        | 0.325   | 7.157         | 10.238                  | 7.905           | 0.024          |
| EAS-US                     | 2025-10-25 15:00:00 | 10.035          | 62.880                        | 0.316   | 7.298         | 10.192                  | 17.903          | 0.029          |
| EAS-US                     | 2025-10-25 16:00:00 | 10.042          | 83.688                        | 0.315   | 7.374         | 9.913                   | 8.183           | 0.039          |
| EAS-US                     | 2025-10-25 17:00:00 | 9.998           | 89.281                        | 0.313   | 7.397         | 10.062                  | 6.694           | 0.041          |
| EAS-US                     | 2025-10-25 18:00:00 | 9.912           | 95.228                        | 0.311   | 7.455         | 9.856                   | 7.756           | 0.044          |
| EAS-US                     | 2025-10-25 19:00:00 | 9.755           | 118.982                       | 0.305   | 7.563         | 10.466                  | 31.573          | 0.055          |
| EAS-US                     | 2025-10-25 20:00:00 | 9.763           | 137.032                       | 0.301   | 7.647         | 10.578                  | 37.773          | 0.064          |
| EAS-US                     | 2025-10-25 21:00:00 | 9.899           | 128.640                       | 0.297   | 7.672         | 10.505                  | 13.045          | 0.060          |
| EAS-US                     | 2025-10-25 22:00:00 | 9.940           | 97.837                        | 0.305   | 7.451         | 10.442                  | 4.344           | 0.045          |
| EAS-US                     | 2025-10-25 23:00:00 | 9.950           | 77.168                        | 0.311   | 7.342         | 10.408                  | 3.818           | 0.035          |
| EAS-US                     | 2025-10-26 00:00:00 | 9.890           | 91.123                        | 0.307   | 7.461         | 10.338                  | 19.825          | 0.042          |
| EAS-US                     | 2025-10-26 01:00:00 | 10.009          | 94.762                        | 0.303   | 7.493         | 10.501                  | 11.254          | 0.044          |
| EAS-US                     | 2025-10-26 02:00:00 | 9.973           | 86.431                        | 0.306   | 7.426         | 10.536                  | 18.115          | 0.040          |
| EAS-US                     | 2025-10-26 03:00:00 | 9.954           | 74.678                        | 0.309   | 7.355         | 10.396                  | 34.602          | 0.034          |
| EAS-US                     | 2025-10-26 04:00:00 | 10.161          | 70.732                        | 0.312   | 7.325         | 10.356                  | 11.999          | 0.032          |
| EAS-US                     | 2025-10-26 05:00:00 | 10.212          | 59.290                        | 0.311   | 7.295         | 10.582                  | 4.566           | 0.027          |
| EAS-US                     | 2025-10-26 06:00:00 | 10.218          | 49.703                        | 0.311   | 7.252         | 10.579                  | 2.208           | 0.022          |
| EAS-US                     | 2025-10-26 07:00:00 | 10.158          | 42.935                        | 0.316   | 7.156         | 10.510                  | 4.287           | 0.019          |
| EAS-US                     | 2025-10-26 08:00:00 | 10.076          | 41.643                        | 0.317   | 7.196         | 10.304                  | 3.176           | 0.018          |
| EAS-US                     | 2025-10-26 09:00:00 | 10.016          | 42.166                        | 0.318   | 7.196         | 10.323                  | 2.993           | 0.019          |
| EAS-US                     | 2025-10-26 10:00:00 | 9.988           | 44.228                        | 0.318   | 7.241         | 10.362                  | 3.680           | 0.020          |
| EAS-US                     | 2025-10-26 11:00:00 | 9.961           | 45.610                        | 0.318   | 7.248         | 10.216                  | 5.317           | 0.020          |

| Woodfibre LNG (East Creek) |                     |                 |                               |         |               |                         |                 |                |
|----------------------------|---------------------|-----------------|-------------------------------|---------|---------------|-------------------------|-----------------|----------------|
| Station                    | Date/Time           | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) | Salinity (PSU) |
| EAS-US                     | 2025-10-26 12:00:00 | 9.889           | 51.304                        | 0.319   | 7.305         | 10.324                  | 13.419          | 0.023          |
| EAS-US                     | 2025-10-26 13:00:00 | 9.715           | 68.786                        | 0.315   | 7.447         | 10.615                  | 69.638          | 0.031          |
| EAS-US                     | 2025-10-26 14:00:00 | 9.764           | 104.384                       | 0.305   | 7.650         | 10.677                  | 57.536          | 0.048          |
| EAS-US                     | 2025-10-26 15:00:00 | 9.944           | 79.311                        | 0.307   | 7.519         | 10.722                  | 14.612          | 0.036          |
| EAS-US                     | 2025-10-26 16:00:00 | 9.967           | 53.862                        | 0.315   | 7.316         | 10.697                  | 7.547           | 0.024          |
| EAS-US                     | 2025-10-26 17:00:00 | 9.991           | 42.948                        | 0.314   | 7.213         | 10.542                  | 4.137           | 0.019          |
| EAS-US                     | 2025-10-26 18:00:00 | 9.930           | 37.432                        | 0.319   | 7.136         | 10.574                  | 2.466           | 0.016          |
| EAS-US                     | 2025-10-26 19:00:00 | 9.816           | 34.713                        | 0.319   | 7.103         | 10.645                  | 2.157           | 0.015          |
| EAS-US                     | 2025-10-26 20:00:00 | 9.746           | 35.012                        | 0.320   | 7.116         | 10.675                  | 2.611           | 0.015          |
| EAS-US                     | 2025-10-26 21:00:00 | 9.674           | 34.359                        | 0.316   | 7.155         | 10.666                  | 2.803           | 0.015          |
| EAS-US                     | 2025-10-26 22:00:00 | 9.600           | 34.288                        | 0.319   | 7.124         | 10.599                  | 2.054           | 0.015          |
| EAS-US                     | 2025-10-26 23:00:00 | 9.548           | 34.575                        | 0.317   | 7.120         | 10.570                  | 1.979           | 0.015          |



|                                                                                                                                                                                      |                |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------|
|  <b>Eagle Mountain - Woodfibre Gas Pipeline Project<br/>Waste Discharge Permit PE-110163 Report</b> | Reporting Week | Oct 20 <sup>th</sup> to Oct 26 <sup>th</sup> , 2025 |
|                                                                                                                                                                                      | Report #       | 83                                                  |
|                                                                                                                                                                                      | Appendix E     | E-1                                                 |

# Appendix E: Lab Documentation



# RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

**Client :** 12239 Fortis BC Energy Inc, Surrey **Job Number:** C588134  
**Client Project Name & Number:** WOODFIBRE PIPELINE PROJECT FORTIS11234/PE-110163

## Test Result:

**96 hrs LC50 % vol/vol (95% CL):** >100% (N/A) **Statistical Method:** Visual

**Sample Name :** WLNG -EOP

**Description:** Clear and colorless. **Sample Number:** DVK031-14  
**Sample Collected:** Oct 21, 2025 **Sampling Method :** N/A **Site Collection:** N/A  
**Sample Collected By:** N/A **Volume Received:** 4 x ECO10 **Avg Temp Arrival:** 12 °C **Storage:** 2-6°C  
**Sample Received:** Oct 21, 2025 04:25 PM **pH:** 7.5 **Dissolved Oxygen:** 10.4 mg/L  
**Analysis Start :** Oct 23, 2025 12:10 PM **Temperature :** 15 °C **Sample Conductance:** 167 µS/cm

| Concentration | Temperature (°C) | Temperature (°C) | Dissolved Oxygen (mg/L) | Dissolved Oxygen (mg/L) | pH      | pH     | Conductivity (uS/cm) | Mortality (#) | Mortality (%) | Atypical Behaviour (#) |
|---------------|------------------|------------------|-------------------------|-------------------------|---------|--------|----------------------|---------------|---------------|------------------------|
| % vol/vol     | Initial          | 96 hrs           | Initial                 | 96 hrs                  | Initial | 96 hrs | Initial              | 96 hrs        | 96 hrs        | 96 hrs                 |
| 0             | 15               | 15               | 10.2                    | 9.8                     | 7.6     | 7.4    | 50                   | 0             | 0             | 0                      |
| 6.25          | 15               | 15               | 10.2                    | 9.9                     | 7.6     | 7.5    | 57                   | 0             | 0             | 0                      |
| 12.5          | 15               | 15               | 10.2                    | 9.8                     | 7.6     | 7.5    | 66                   | 0             | 0             | 0                      |
| 25            | 15               | 15               | 10.2                    | 9.9                     | 7.6     | 7.5    | 78                   | 0             | 0             | 0                      |
| 50            | 15               | 15               | 10.2                    | 9.9                     | 7.7     | 7.6    | 109                  | 0             | 0             | 0                      |
| 100           | 15               | 15               | 10.2                    | 10.0                    | 7.7     | 7.7    | 167                  | 0             | 0             | 0                      |

**Comments :** All fish appeared and behaved normally at 24 hours, 48 hours, 72 hours, and 96 hours into testing.

## Culture/Control/Dilution Water

Burnaby Municipal Dechlorinated Water

**Hardness:** 23 mg/L CaCO<sub>3</sub> **Other parameters available on request.**

## Test Conditions

**Test concentration :** 0,6.25,12.5,25,50,100 (% vol/vol)

**Organisms per Vessel :** 10 **Test Temperature :** 15 ± 1 °C **Solution Depth :** >15 cm  
**Total # of Organisms Used :** 60 **Pre-aeration Time :** 120 min. **Rate of Aeration** 6.5±1 mL/ (min\*L)  
**Test Volume :** 15 L **Vessel Volume :** 20L **Test pH Adjusted:** No  
**Loading Density :** 0.4 g/L **Photoperiod :** 16:8 (light: dark)

## Test Organism :

Rainbow Trout (*Oncorhynchus mykiss*) **Source :** Aqua Farm

**Culture Temperature :** 15 ± 2 °C **Weight (Mean) +- SD :** 0.5 ± 0.2 g **Length (Mean) +- SD :** 3.90 ± 0.31 cm  
**Culture Water Renewal :** ≥ 1L/min/kg fish **Weight (Range) :** 0.3 – 0.8 g **Length (Range) :** 3.40 – 4.30 cm  
**Culture Photoperiod :** 16:8 (light: dark) **% Mortality within 7 days :** 0.00%  
**Feeding rate and frequency :** daily: 1-5% biomass of trout. **Acclimation Time:** >14 days

## Reference chemical:

**Zinc** **Test Date:** Oct 17, 2025  
**Test Endpoint 96 hrs LC50 (95% confidence interval) :** 0.32 (0.26, 0.40)mg/L **Statistical Method :** Untrimmed Spearman-Kärber  
**Historical Mean LC50 (warning limits) :** 0.22 (0.11, 0.44) mg/L **Concentration :** 0,0.04,0.08,0.16,0.32,0.64 mg/L

## Test Method

BV Lab's BBY2SOP-00004 is based on the latest version of EPS 1/RM9 and EPS 1 /RM13.

**Method Deviations :** None.

**Note:** The results contained in this report refer only to the testing of the sample submitted. Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation, including the toxicity parameters reported herein. The conductivity, dissolved oxygen and pH data contained within the toxicity report are provided for information purposes and are not individually accredited parameters. This report may not be reproduced, except in its entirety, without the written approval of the laboratory.

**Analyst :** Danielle Ogilvie, Larissa dos Santos Soares, Melanie Mazziotti

*Kimberly Tamaki*

**Verified By :** Kimberly Tamaki, Scientist, Ecotoxicology

**Date:** Nov 05, 2025 03:42 PM



Your P.O. #: 4800010213  
 Your Project #: FORTIS11234/PE-110163  
 Site Location: WOODFIBRE PIPELINE PROJECT  
 Your C.O.C. #: 116653

**Attention: Saeesh Mangwani**

HATFIELD CONSULTANTS  
 N. VANCOUVER  
 200-850 Harbourside Dr  
 North Vancouver, BC  
 Canada V7P 0A3

**Report Date: 2025/11/05**  
 Report #: R3729590  
 Version: 2 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C588134**

**Received: 2025/10/21, 16:25**

Sample Matrix: Water  
 # Samples Received: 8

| Analyses                                                           | Quantity | Date<br>Extracted | Date<br>Analyzed | Laboratory Method                | Analytical Method                 |
|--------------------------------------------------------------------|----------|-------------------|------------------|----------------------------------|-----------------------------------|
| Alkalinity @25C (pp, total), CO <sub>3</sub> ,HCO <sub>3</sub> ,OH | 8        | N/A               | 2025/10/23       | BBY6SOP-00026                    | SM 24 2320 B m                    |
| Chloride/Sulphate by Auto Colourimetry                             | 8        | N/A               | 2025/10/23       | BBY6SOP-00011 /<br>BBY6SOP-00017 | SM24-4500-Cl/SO <sub>4</sub> -E m |
| Chromium III (Calc'd)                                              | 6        | N/A               | 2025/10/24       |                                  |                                   |
| Chromium III (Calc'd)                                              | 2        | N/A               | 2025/10/27       |                                  |                                   |
| Total Hexavalent Chromium                                          | 8        | N/A               | 2025/10/23       | BBY6SOP-00054                    | SM 24 3500-Cr B m                 |
| Carbon (DOC) -Lab Filtered (2)                                     | 5        | N/A               | 2025/10/23       | BBY6SOP-00053                    | SM 24 5310 B m                    |
| Carbon (DOC) -Lab Filtered (2)                                     | 3        | N/A               | 2025/10/24       | BBY6SOP-00053                    | SM 24 5310 B m                    |
| Fluoride                                                           | 8        | N/A               | 2025/10/24       | BBY6SOP-00037                    | SM 24 4500-F C m                  |
| Glycols in Water by GC/FID (1)                                     | 2        | N/A               | 2025/10/27       | CAL SOP-00093                    | BCMOE Glycols 09/17               |
| Sulphide (as H <sub>2</sub> S) (1)                                 | 8        | N/A               | 2025/10/28       |                                  | Auto Calc                         |
| Un-ionized Hydrogen Sulphide as S Calc                             | 6        | N/A               | 2025/10/28       | BBY WI-00033                     | Auto Calc                         |
| Hardness Total (calculated as CaCO <sub>3</sub> ) (3)              | 6        | N/A               | 2025/10/24       | BBY WI-00033                     | Auto Calc                         |
| Hardness Total (calculated as CaCO <sub>3</sub> ) (3)              | 2        | N/A               | 2025/10/27       | BBY WI-00033                     | Auto Calc                         |
| Hardness (calculated as CaCO <sub>3</sub> )                        | 4        | N/A               | 2025/10/24       | BBY WI-00033                     | Auto Calc                         |
| Hardness (calculated as CaCO <sub>3</sub> )                        | 4        | N/A               | 2025/10/27       | BBY WI-00033                     | Auto Calc                         |
| Mercury (Dissolved) by CV-Lab Filtered                             | 7        | 2025/10/22        | 2025/10/23       | BBY7SOP-00032                    | BCMOE LM 2023 C1.1.3              |
| Mercury (Dissolved) by CV-Lab Filtered                             | 1        | 2025/10/28        | 2025/10/28       | BBY7SOP-00032                    | BCMOE LM 2023 C1.1.3              |
| Mercury (Total) by CV                                              | 7        | 2025/10/23        | 2025/10/23       | BBY7SOP-00032                    | BCMOE LM 2023 C1.1.3              |
| Mercury (Total) by CV                                              | 1        | 2025/10/28        | 2025/10/28       | BBY7SOP-00032                    | BCMOE LM 2023 C1.1.3              |
| Bromide as Bromine (Br) by ICPMS                                   | 7        | N/A               | 2025/10/27       | BBY7SOP-00002                    | EPA 6020B R2 m                    |
| EPH in Water when PAH required                                     | 2        | 2025/10/28        | 2025/10/28       | BBY8SOP-00029                    | BCMOE BCLM Sep2017 m              |
| Na, K, Ca, Mg, S by CRC ICPMS (diss.)                              | 4        | N/A               | 2025/10/24       | BBY WI-00033                     | Auto Calc                         |
| Na, K, Ca, Mg, S by CRC ICPMS (diss.)                              | 4        | N/A               | 2025/10/27       | BBY WI-00033                     | Auto Calc                         |
| Elements by ICPMS Low Level (lab filter) (4)                       | 4        | N/A               | 2025/10/23       | BBY7SOP-00002                    | EPA 6020b R2 m                    |
| Elements by ICPMS Low Level (lab filter) (4)                       | 4        | N/A               | 2025/10/24       | BBY7SOP-00002                    | EPA 6020b R2 m                    |
| Elements by ICPMS Digested LL (total)                              | 6        | 2025/10/23        | 2025/10/24       | BBY7SOP-00003 /<br>BBY7SOP-00002 | EPA 6020b R2 m                    |
| Na, K, Ca, Mg, S by CRC ICPMS (total)                              | 6        | N/A               | 2025/10/24       | BBY WI-00033                     | Auto Calc                         |
| Na, K, Ca, Mg, S by CRC ICPMS (total)                              | 2        | N/A               | 2025/10/27       | BBY WI-00033                     | Auto Calc                         |
| Elements by ICPMS Low Level (total)                                | 2        | N/A               | 2025/10/24       | BBY7SOP-00002                    | EPA 6020b R2 m                    |



Your P.O. #: 4800010213  
 Your Project #: FORTIS11234/PE-110163  
 Site Location: WOODFIBRE PIPELINE PROJECT  
 Your C.O.C. #: 116653

**Attention: Saeesh Mangwani**

HATFIELD CONSULTANTS  
 N. VANCOUVER  
 200-850 Harbourside Dr  
 North Vancouver, BC  
 Canada V7P 0A3

**Report Date: 2025/11/05**  
 Report #: R3729590  
 Version: 2 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C588134**

**Received: 2025/10/21, 16:25**

Sample Matrix: Water  
 # Samples Received: 8

| Analyses                               | Quantity | Date<br>Extracted | Date<br>Analyzed | Laboratory Method                                   | Analytical Method    |
|----------------------------------------|----------|-------------------|------------------|-----------------------------------------------------|----------------------|
| Nitrogen (Total)                       | 8        | N/A               | 2025/10/28       | BBY6SOP-00016                                       | SM 24 4500-N C m     |
| Ammonia-N (Total)                      | 8        | N/A               | 2025/10/27       | AB SOP-00007                                        | SM 24 4500 NH3 A G m |
| Nitrate + Nitrite (N)                  | 8        | N/A               | 2025/10/24       | BBY6SOP-00010                                       | SM 24 4500-NO3- H m  |
| Nitrite (N) Regular Level Water        | 8        | N/A               | 2025/10/24       | BBY6SOP-00010                                       | SM 24 4500-NO2- m    |
| Nitrogen - Nitrate (as N)              | 8        | N/A               | 2025/10/27       | BBY WI-00033                                        | Auto Calc            |
| PAH in Water by GC/MS (SIM)            | 2        | 2025/10/28        | 2025/10/28       | BBY8SOP-00021                                       | BCMOE BCLM Jul2017m  |
| Total LMW, HMW, Total PAH Calc (5)     | 2        | N/A               | 2025/10/29       | BBY WI-00033                                        | Auto Calc            |
| pH @25°C (6)                           | 8        | N/A               | 2025/10/23       | BBY6SOP-00026                                       | SM 24 4500-H+ B m    |
| Phenols (4-AAP) (1)                    | 2        | N/A               | 2025/10/26       | AB SOP-00088                                        | EPA 9066 R0 m        |
| Rainbow Trout LC50 Multi-concentration | 1        | N/A               | 2025/10/23       | BBY2SOP-00004                                       | EPS1/RM/13(2nd)&RM/9 |
| Total Sulphide (1)                     | 8        | 2025/10/27        | 2025/10/28       | AB SOP-00080                                        | SM 24 4500 S2-A D Fm |
| Total Dissolved Solids (Filt. Residue) | 7        | 2025/10/24        | 2025/10/25       | BBY6SOP-00033                                       | SM 24 2540 C m       |
| Total Dissolved Solids (Filt. Residue) | 1        | 2025/10/27        | 2025/10/28       | BBY6SOP-00033                                       | SM 24 2540 C m       |
| EPH less PAH in Water by GC/FID (7)    | 2        | N/A               | 2025/10/29       | BBY WI-00033                                        | Auto Calc            |
| Carbon (Total Organic) (8)             | 6        | N/A               | 2025/10/23       | BBY6SOP-00053                                       | SM 24 5310 B m       |
| Carbon (Total Organic) (8)             | 2        | N/A               | 2025/10/24       | BBY6SOP-00053                                       | SM 24 5310 B m       |
| Total Phosphorus Low Level Total       | 4        | 2025/10/23        | 2025/10/24       | BBY6SOP-00013                                       | SM 24 4500-P E m     |
| Total Phosphorus Low Level Total       | 4        | 2025/10/24        | 2025/10/25       | BBY6SOP-00013                                       | SM 24 4500-P E m     |
| Total Suspended Solids (NFR)           | 7        | 2025/10/22        | 2025/10/23       | BBY6SOP-00034                                       | SM 24 2540 D m       |
| Total Suspended Solids (NFR)           | 1        | 2025/10/23        | 2025/10/24       | BBY6SOP-00034                                       | SM 24 2540 D m       |
| Field pH                               | 6        | N/A               | 2025/10/23       | Field Test                                          | Field Test           |
| Field Temperature                      | 6        | N/A               | 2025/10/23       | Field Test                                          | Field Test           |
| VOCs, VH, F1, LH in Water by HS GC/MS  | 2        | N/A               | 2025/10/24       | BBY8SOP-00009 /<br>BBY8SOP-00011 /<br>BBY8SOP-00012 | BCMOE BCLM Jul2017 m |
| Volatile HC-BTEX (9)                   | 2        | N/A               | 2025/10/26       | BBY WI-00033                                        | Auto Calc            |

**Remarks:**

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession





Your P.O. #: 4800010213  
Your Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your C.O.C. #: 116653

**Attention: Saeesh Mangwani**

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200-850 Harbourside Dr  
North Vancouver, BC  
Canada V7P 0A3

**Report Date: 2025/11/05**

Report #: R3729590

Version: 2 - Final

## **CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C588134**

**Received: 2025/10/21, 16:25**

using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

\* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Bureau Veritas Calgary, 4000 - 19 St. , Calgary, AB, T2E 6P8

(2) DOC present in the sample should be considered as non-purgeable DOC. Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.

(3) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).

(4) Samples were filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.

For Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.

(5) Total PAHs in Water include: Quinoline, Naphthalene, 1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Acridine, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b&j)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, and Benzo(g,h,i)perylene.

(6) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavours to analyze samples as soon as possible after receipt.

(7) LEPH = EPH (C10 to C19) - (Acenaphthene + Acridine + Anthracene + Fluorene + Naphthalene + Phenanthrene)

HEPH = EPH (C19 to C32) - (Benzo(a)anthracene + Benzo(a)pyrene + Fluoranthene + Pyrene)

(8) TOC present in the sample should be considered as non-purgeable TOC.

(9) VPH = VH - (Benzene + Toluene + Ethylbenzene + m & p-Xylene + o-Xylene + Styrene)



Your P.O. #: 4800010213  
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**Report Date: 2025/11/05**  
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Version: 2 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C588134**

**Received: 2025/10/21, 16:25**

**Encryption Key**

Please direct all questions regarding this Certificate of Analysis to:

Levi Manchak, Project Manager SR

Email: Levi.MANCHAK@bureauveritas.com

Phone# (780)862-5634

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Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rob Gilbert, BBY General Manager responsible for British Columbia Environmental laboratory operations.



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### RESULTS OF CHEMICAL ANALYSES OF WATER

| Bureau Veritas ID                                                                                                                                                                                 |       | DVK030     |         |          | DVK030          |      |          | DVK031     |         |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|---------|----------|-----------------|------|----------|------------|---------|----------|
| Sampling Date                                                                                                                                                                                     |       | 2025/10/21 |         |          | 2025/10/21      |      |          | 2025/10/21 |         |          |
| COC Number                                                                                                                                                                                        |       | 116653     |         |          | 116653          |      |          | 116653     |         |          |
|                                                                                                                                                                                                   | UNITS | WLNG-DS    | RDL     | QC Batch | WLNG-DS Lab-Dup | RDL  | QC Batch | WLNG -EOP  | RDL     | QC Batch |
| <b>ANIONS</b>                                                                                                                                                                                     |       |            |         |          |                 |      |          |            |         |          |
| Nitrite (N)                                                                                                                                                                                       | mg/L  | ND         | 0.0050  | C135337  |                 |      |          | ND         | 0.0050  | C135337  |
| <b>Calculated Parameters</b>                                                                                                                                                                      |       |            |         |          |                 |      |          |            |         |          |
| Total Chromium III                                                                                                                                                                                | mg/L  | ND         | 0.00099 | C133144  |                 |      |          | ND         | 0.00099 | C133144  |
| Dissolved Hardness (CaCO <sub>3</sub> )                                                                                                                                                           | mg/L  | 41.4       | 0.50    | C132601  |                 |      |          | 58.3       | 0.50    | C132601  |
| Total Hardness (CaCO <sub>3</sub> )                                                                                                                                                               | mg/L  | 38.1       | 0.50    | C132600  |                 |      |          | 55.9       | 0.50    | C132600  |
| Nitrate (N)                                                                                                                                                                                       | mg/L  | 0.099      | 0.020   | C132788  |                 |      |          | ND         | 0.020   | C132788  |
| Sulphide (as H <sub>2</sub> S)                                                                                                                                                                    | mg/L  | ND         | 0.0020  | C133094  |                 |      |          | ND         | 0.0020  | C133094  |
| <b>Field Parameters</b>                                                                                                                                                                           |       |            |         |          |                 |      |          |            |         |          |
| Field pH                                                                                                                                                                                          | pH    | 7.55       | N/A     | ONSITE   |                 |      |          | 7.54       | N/A     | ONSITE   |
| Field Temperature                                                                                                                                                                                 | °C    | 11.7       | N/A     | ONSITE   |                 |      |          | 11.9       | N/A     | ONSITE   |
| <b>Misc. Inorganics</b>                                                                                                                                                                           |       |            |         |          |                 |      |          |            |         |          |
| pH                                                                                                                                                                                                | pH    | 7.69       | N/A     | C134861  |                 |      |          | 7.01       | N/A     | C134861  |
| Total Organic Carbon (C)                                                                                                                                                                          | mg/L  | 2.3        | 0.50    | C134938  | 2.2             | 0.50 | C134938  | 1.4        | 0.50    | C134938  |
| Total Dissolved Solids                                                                                                                                                                            | mg/L  | 68         | 10      | C136639  |                 |      |          | 100        | 10      | C136639  |
| Total Suspended Solids                                                                                                                                                                            | mg/L  | 1.2        | 1.0     | C133621  |                 |      |          | 9.6        | 1.0     | C133621  |
| <b>Lab Filtered Inorganics</b>                                                                                                                                                                    |       |            |         |          |                 |      |          |            |         |          |
| Dissolved Organic Carbon (C)                                                                                                                                                                      | mg/L  | 2.8        | 0.50    | C134226  |                 |      |          | 1.2        | 0.50    | C134226  |
| <b>Anions</b>                                                                                                                                                                                     |       |            |         |          |                 |      |          |            |         |          |
| Alkalinity (PP as CaCO <sub>3</sub> )                                                                                                                                                             | mg/L  | ND         | 1.0     | C134855  |                 |      |          | ND         | 1.0     | C134855  |
| Alkalinity (Total as CaCO <sub>3</sub> )                                                                                                                                                          | mg/L  | 38         | 1.0     | C134855  |                 |      |          | 52         | 1.0     | C134855  |
| Bicarbonate (HCO <sub>3</sub> )                                                                                                                                                                   | mg/L  | 47         | 1.0     | C134855  |                 |      |          | 64         | 1.0     | C134855  |
| Carbonate (CO <sub>3</sub> )                                                                                                                                                                      | mg/L  | ND         | 1.0     | C134855  |                 |      |          | ND         | 1.0     | C134855  |
| Fluoride (F)                                                                                                                                                                                      | mg/L  | 0.17       | 0.050   | C134989  |                 |      |          | 0.28       | 0.050   | C134989  |
| Hydroxide (OH)                                                                                                                                                                                    | mg/L  | ND         | 1.0     | C134855  |                 |      |          | ND         | 1.0     | C134855  |
| Total Sulphide                                                                                                                                                                                    | mg/L  | ND         | 0.0018  | C138654  |                 |      |          | ND         | 0.0018  | C138654  |
| Chloride (Cl)                                                                                                                                                                                     | mg/L  | 8.8        | 1.0     | C134607  |                 |      |          | 14         | 1.0     | C134607  |
| Sulphate (SO <sub>4</sub> )                                                                                                                                                                       | mg/L  | 11         | 1.0     | C134607  |                 |      |          | 12         | 1.0     | C134607  |
| <b>Metals</b>                                                                                                                                                                                     |       |            |         |          |                 |      |          |            |         |          |
| Total Hex. Chromium (Cr 6+)                                                                                                                                                                       | mg/L  | ND         | 0.00099 | C134970  |                 |      |          | ND         | 0.00099 | C134970  |
| RDL = Reportable Detection Limit<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.<br>N/A = Not Applicable |       |            |         |          |                 |      |          |            |         |          |



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### RESULTS OF CHEMICAL ANALYSES OF WATER

|                                                                                                                                                                                                   |              |                |            |                 |                            |            |                 |                  |            |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|------------|-----------------|----------------------------|------------|-----------------|------------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                                                                                                                          |              | DVK030         |            |                 | DVK030                     |            |                 | DVK031           |            |                 |
| <b>Sampling Date</b>                                                                                                                                                                              |              | 2025/10/21     |            |                 | 2025/10/21                 |            |                 | 2025/10/21       |            |                 |
| <b>COC Number</b>                                                                                                                                                                                 |              | 116653         |            |                 | 116653                     |            |                 | 116653           |            |                 |
|                                                                                                                                                                                                   | <b>UNITS</b> | <b>WLNG-DS</b> | <b>RDL</b> | <b>QC Batch</b> | <b>WLNG-DS<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>WLNG -EOP</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>Nutrients</b>                                                                                                                                                                                  |              |                |            |                 |                            |            |                 |                  |            |                 |
| Total Ammonia (N)                                                                                                                                                                                 | mg/L         | ND             | 0.015      | C137327         |                            |            |                 | ND               | 0.015      | C137327         |
| Total Phosphorus (P)                                                                                                                                                                              | mg/L         | 0.029          | 0.0010     | C134273         |                            |            |                 | 0.0077           | 0.0010     | C134273         |
| Nitrate plus Nitrite (N)                                                                                                                                                                          | mg/L         | 0.099          | 0.020      | C135335         |                            |            |                 | ND               | 0.020      | C135335         |
| Total Nitrogen (N)                                                                                                                                                                                | mg/L         | 0.273          | 0.020      | C138825         |                            |            |                 | 0.184            | 0.020      | C138825         |
| <b>Misc. Organics</b>                                                                                                                                                                             |              |                |            |                 |                            |            |                 |                  |            |                 |
| Phenols                                                                                                                                                                                           | mg/L         |                |            |                 |                            |            |                 | 0.0018           | 0.0015     | C138158         |
| <b>Rainbow Trout</b>                                                                                                                                                                              |              |                |            |                 |                            |            |                 |                  |            |                 |
| LC50                                                                                                                                                                                              | % vol/vol    |                |            |                 |                            |            |                 | ATTACHED         | N/A        | C135104         |
| RDL = Reportable Detection Limit<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.<br>N/A = Not Applicable |              |                |            |                 |                            |            |                 |                  |            |                 |



Bureau Veritas Job #: C588134  
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HATFIELD CONSULTANTS  
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Your P.O. #: 4800010213

### RESULTS OF CHEMICAL ANALYSES OF WATER

|                                                                                                                                                                                                   |              |                |            |                 |                        |            |                 |                |            |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|------------|-----------------|------------------------|------------|-----------------|----------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                                                                                                                          |              | DVK032         |            |                 | DVK032                 |            |                 | DVK033         |            |                 |
| <b>Sampling Date</b>                                                                                                                                                                              |              | 2025/10/21     |            |                 | 2025/10/21             |            |                 | 2025/10/21     |            |                 |
| <b>COC Number</b>                                                                                                                                                                                 |              | 116653         |            |                 | 116653                 |            |                 | 116653         |            |                 |
|                                                                                                                                                                                                   | <b>UNITS</b> | <b>WLNG-US</b> | <b>RDL</b> | <b>QC Batch</b> | <b>WLNG-US Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>SQRI-US</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>ANIONS</b>                                                                                                                                                                                     |              |                |            |                 |                        |            |                 |                |            |                 |
| Nitrite (N)                                                                                                                                                                                       | mg/L         | ND             | 0.0050     | C135337         |                        |            |                 | ND             | 0.0050     | C135337         |
| <b>Calculated Parameters</b>                                                                                                                                                                      |              |                |            |                 |                        |            |                 |                |            |                 |
| Total Chromium III                                                                                                                                                                                | mg/L         | ND             | 0.00099    | C133144         |                        |            |                 | ND             | 0.00099    | C133144         |
| Dissolved Hardness (CaCO <sub>3</sub> )                                                                                                                                                           | mg/L         | 27.0           | 0.50       | C132601         |                        |            |                 | 17.2           | 0.50       | C132601         |
| Total Hardness (CaCO <sub>3</sub> )                                                                                                                                                               | mg/L         | 25.6           | 0.50       | C132600         |                        |            |                 | 16.1           | 0.50       | C132600         |
| Nitrate (N)                                                                                                                                                                                       | mg/L         | 0.533          | 0.020      | C132788         |                        |            |                 | 0.051          | 0.020      | C132788         |
| Sulphide (as H <sub>2</sub> S)                                                                                                                                                                    | mg/L         | ND             | 0.0020     | C132624         |                        |            |                 | ND             | 0.0020     | C132624         |
| <b>Field Parameters</b>                                                                                                                                                                           |              |                |            |                 |                        |            |                 |                |            |                 |
| Field pH                                                                                                                                                                                          | pH           | 7.59           | N/A        | ONSITE          |                        |            |                 | 7.06           | N/A        | ONSITE          |
| Field Temperature                                                                                                                                                                                 | °C           | 10.9           | N/A        | ONSITE          |                        |            |                 | 9.8            | N/A        | ONSITE          |
| <b>Misc. Inorganics</b>                                                                                                                                                                           |              |                |            |                 |                        |            |                 |                |            |                 |
| pH                                                                                                                                                                                                | pH           | 6.38           | N/A        | C134861         |                        |            |                 | 6.38           | N/A        | C134861         |
| Total Organic Carbon (C)                                                                                                                                                                          | mg/L         | 5.5            | 0.50       | C134938         |                        |            |                 | 1.9            | 0.50       | C134938         |
| Total Dissolved Solids                                                                                                                                                                            | mg/L         | 56             | 10         | C136639         |                        |            |                 | 40             | 10         | C136639         |
| Total Suspended Solids                                                                                                                                                                            | mg/L         | 1.6            | 1.0        | C133621         |                        |            |                 | 20             | 1.0        | C133621         |
| <b>Lab Filtered Inorganics</b>                                                                                                                                                                    |              |                |            |                 |                        |            |                 |                |            |                 |
| Dissolved Organic Carbon (C)                                                                                                                                                                      | mg/L         | 5.2            | 0.50       | C134226         |                        |            |                 | 1.8            | 0.50       | C134226         |
| <b>Anions</b>                                                                                                                                                                                     |              |                |            |                 |                        |            |                 |                |            |                 |
| Alkalinity (PP as CaCO <sub>3</sub> )                                                                                                                                                             | mg/L         | ND             | 1.0        | C134855         |                        |            |                 | ND             | 1.0        | C134855         |
| Alkalinity (Total as CaCO <sub>3</sub> )                                                                                                                                                          | mg/L         | 10             | 1.0        | C134855         |                        |            |                 | 13             | 1.0        | C134855         |
| Bicarbonate (HCO <sub>3</sub> )                                                                                                                                                                   | mg/L         | 12             | 1.0        | C134855         |                        |            |                 | 16             | 1.0        | C134855         |
| Carbonate (CO <sub>3</sub> )                                                                                                                                                                      | mg/L         | ND             | 1.0        | C134855         |                        |            |                 | ND             | 1.0        | C134855         |
| Fluoride (F)                                                                                                                                                                                      | mg/L         | ND             | 0.050      | C134989         |                        |            |                 | ND             | 0.050      | C134989         |
| Hydroxide (OH)                                                                                                                                                                                    | mg/L         | ND             | 1.0        | C134855         |                        |            |                 | ND             | 1.0        | C134855         |
| Total Sulphide                                                                                                                                                                                    | mg/L         | ND             | 0.0018     | C138654         |                        |            |                 | ND             | 0.0018     | C138654         |
| Chloride (Cl)                                                                                                                                                                                     | mg/L         | ND             | 1.0        | C134607         | ND                     | 1.0        | C134607         | 2.0            | 1.0        | C134607         |
| Sulphate (SO <sub>4</sub> )                                                                                                                                                                       | mg/L         | 19             | 1.0        | C134607         | 19                     | 1.0        | C134607         | 4.7            | 1.0        | C134607         |
| <b>Metals</b>                                                                                                                                                                                     |              |                |            |                 |                        |            |                 |                |            |                 |
| Total Hex. Chromium (Cr 6+)                                                                                                                                                                       | mg/L         | ND             | 0.00099    | C134970         |                        |            |                 | ND             | 0.00099    | C134970         |
| RDL = Reportable Detection Limit<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.<br>N/A = Not Applicable |              |                |            |                 |                        |            |                 |                |            |                 |



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HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### RESULTS OF CHEMICAL ANALYSES OF WATER

|                                                                                                                                                                           |              |                |            |                 |                            |            |                 |                |            |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|------------|-----------------|----------------------------|------------|-----------------|----------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                                                                                                  |              | DVK032         |            |                 | DVK032                     |            |                 | DVK033         |            |                 |
| <b>Sampling Date</b>                                                                                                                                                      |              | 2025/10/21     |            |                 | 2025/10/21                 |            |                 | 2025/10/21     |            |                 |
| <b>COC Number</b>                                                                                                                                                         |              | 116653         |            |                 | 116653                     |            |                 | 116653         |            |                 |
|                                                                                                                                                                           | <b>UNITS</b> | <b>WLNG-US</b> | <b>RDL</b> | <b>QC Batch</b> | <b>WLNG-US<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>SQRI-US</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>Nutrients</b>                                                                                                                                                          |              |                |            |                 |                            |            |                 |                |            |                 |
| Total Ammonia (N)                                                                                                                                                         | mg/L         | ND             | 0.015      | C137327         |                            |            |                 | 0.027          | 0.015      | C137327         |
| Total Phosphorus (P)                                                                                                                                                      | mg/L         | 0.10           | 0.0010     | C134273         |                            |            |                 | 0.025          | 0.0010     | C134273         |
| Nitrate plus Nitrite (N)                                                                                                                                                  | mg/L         | 0.533          | 0.020      | C135335         |                            |            |                 | 0.051          | 0.020      | C135335         |
| Total Nitrogen (N)                                                                                                                                                        | mg/L         | 0.834          | 0.020      | C138825         |                            |            |                 | 0.163          | 0.020      | C138825         |
| RDL = Reportable Detection Limit<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |              |                |            |                 |                            |            |                 |                |            |                 |

**RESULTS OF CHEMICAL ANALYSES OF WATER**

|                                                                                                                                                                                                   |              |                |            |                 |                        |            |                 |                    |            |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|------------|-----------------|------------------------|------------|-----------------|--------------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                                                                                                                          |              | DVK034         |            |                 | DVK034                 |            |                 | DVK035             |            |                 |
| <b>Sampling Date</b>                                                                                                                                                                              |              | 2025/10/21     |            |                 | 2025/10/21             |            |                 | 2025/10/21         |            |                 |
| <b>COC Number</b>                                                                                                                                                                                 |              | 116653         |            |                 | 116653                 |            |                 | 116653             |            |                 |
|                                                                                                                                                                                                   | <b>UNITS</b> | <b>SQRI-DS</b> | <b>RDL</b> | <b>QC Batch</b> | <b>SQRI-DS Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Field Blank</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>ANIONS</b>                                                                                                                                                                                     |              |                |            |                 |                        |            |                 |                    |            |                 |
| Nitrite (N)                                                                                                                                                                                       | mg/L         | ND             | 0.0050     | C135337         |                        |            |                 | ND                 | 0.0050     | C135337         |
| <b>Calculated Parameters</b>                                                                                                                                                                      |              |                |            |                 |                        |            |                 |                    |            |                 |
| Total Chromium III                                                                                                                                                                                | mg/L         | ND             | 0.00099    | C133144         |                        |            |                 | ND                 | 0.00099    | C133144         |
| Dissolved Hardness (CaCO <sub>3</sub> )                                                                                                                                                           | mg/L         | 17.3           | 0.50       | C132601         |                        |            |                 | ND                 | 0.50       | C132601         |
| Total Hardness (CaCO <sub>3</sub> )                                                                                                                                                               | mg/L         | 16.4           | 0.50       | C132600         |                        |            |                 | ND                 | 0.50       | C132600         |
| Nitrate (N)                                                                                                                                                                                       | mg/L         | 0.054          | 0.020      | C132788         |                        |            |                 | ND                 | 0.020      | C132788         |
| Sulphide (as H <sub>2</sub> S)                                                                                                                                                                    | mg/L         | ND             | 0.0020     | C132624         |                        |            |                 | ND                 | 0.0020     | C132624         |
| <b>Field Parameters</b>                                                                                                                                                                           |              |                |            |                 |                        |            |                 |                    |            |                 |
| Field pH                                                                                                                                                                                          | pH           | 7.34           | N/A        | ONSITE          |                        |            |                 |                    |            |                 |
| Field Temperature                                                                                                                                                                                 | °C           | 10.6           | N/A        | ONSITE          |                        |            |                 |                    |            |                 |
| <b>Misc. Inorganics</b>                                                                                                                                                                           |              |                |            |                 |                        |            |                 |                    |            |                 |
| pH                                                                                                                                                                                                | pH           | 6.40           | N/A        | C134861         |                        |            |                 | 5.82               | N/A        | C134861         |
| Total Organic Carbon (C)                                                                                                                                                                          | mg/L         | 1.8            | 0.50       | C134938         |                        |            |                 | ND                 | 0.50       | C134938         |
| Total Dissolved Solids                                                                                                                                                                            | mg/L         | 36             | 10         | C139328         | 36                     | 10         | C139328         | ND                 | 10         | C136639         |
| Total Suspended Solids                                                                                                                                                                            | mg/L         | 23             | 1.0        | C133621         |                        |            |                 | ND                 | 1.0        | C133621         |
| <b>Lab Filtered Inorganics</b>                                                                                                                                                                    |              |                |            |                 |                        |            |                 |                    |            |                 |
| Dissolved Organic Carbon (C)                                                                                                                                                                      | mg/L         | 1.7            | 0.50       | C134226         |                        |            |                 | ND                 | 0.50       | C135798         |
| <b>Anions</b>                                                                                                                                                                                     |              |                |            |                 |                        |            |                 |                    |            |                 |
| Alkalinity (PP as CaCO <sub>3</sub> )                                                                                                                                                             | mg/L         | ND             | 1.0        | C134855         |                        |            |                 | ND                 | 1.0        | C134855         |
| Alkalinity (Total as CaCO <sub>3</sub> )                                                                                                                                                          | mg/L         | 14             | 1.0        | C134855         |                        |            |                 | ND                 | 1.0        | C134855         |
| Bicarbonate (HCO <sub>3</sub> )                                                                                                                                                                   | mg/L         | 17             | 1.0        | C134855         |                        |            |                 | ND                 | 1.0        | C134855         |
| Carbonate (CO <sub>3</sub> )                                                                                                                                                                      | mg/L         | ND             | 1.0        | C134855         |                        |            |                 | ND                 | 1.0        | C134855         |
| Fluoride (F)                                                                                                                                                                                      | mg/L         | ND             | 0.050      | C134989         |                        |            |                 | ND                 | 0.050      | C134989         |
| Hydroxide (OH)                                                                                                                                                                                    | mg/L         | ND             | 1.0        | C134855         |                        |            |                 | ND                 | 1.0        | C134855         |
| Total Sulphide                                                                                                                                                                                    | mg/L         | ND             | 0.0018     | C138654         |                        |            |                 | ND                 | 0.0018     | C138654         |
| Chloride (Cl)                                                                                                                                                                                     | mg/L         | 1.2            | 1.0        | C134607         |                        |            |                 | ND                 | 1.0        | C134607         |
| Sulphate (SO <sub>4</sub> )                                                                                                                                                                       | mg/L         | 4.5            | 1.0        | C134607         |                        |            |                 | ND                 | 1.0        | C134607         |
| <b>Metals</b>                                                                                                                                                                                     |              |                |            |                 |                        |            |                 |                    |            |                 |
| Total Hex. Chromium (Cr 6+)                                                                                                                                                                       | mg/L         | ND             | 0.00099    | C134970         |                        |            |                 | ND                 | 0.00099    | C134970         |
| RDL = Reportable Detection Limit<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.<br>N/A = Not Applicable |              |                |            |                 |                        |            |                 |                    |            |                 |



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Your P.O. #: 4800010213

### RESULTS OF CHEMICAL ANALYSES OF WATER

|                                                                                           |              |                |            |                 |                            |            |                 |                    |            |                 |
|-------------------------------------------------------------------------------------------|--------------|----------------|------------|-----------------|----------------------------|------------|-----------------|--------------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                  |              | DVK034         |            |                 | DVK034                     |            |                 | DVK035             |            |                 |
| <b>Sampling Date</b>                                                                      |              | 2025/10/21     |            |                 | 2025/10/21                 |            |                 | 2025/10/21         |            |                 |
| <b>COC Number</b>                                                                         |              | 116653         |            |                 | 116653                     |            |                 | 116653             |            |                 |
|                                                                                           | <b>UNITS</b> | <b>SQRI-DS</b> | <b>RDL</b> | <b>QC Batch</b> | <b>SQRI-DS<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Field Blank</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>Nutrients</b>                                                                          |              |                |            |                 |                            |            |                 |                    |            |                 |
| Total Ammonia (N)                                                                         | mg/L         | 0.021          | 0.015      | C137327         |                            |            |                 | ND                 | 0.015      | C137327         |
| Total Phosphorus (P)                                                                      | mg/L         | 0.021          | 0.0010     | C136256         |                            |            |                 | ND                 | 0.0010     | C136256         |
| Nitrate plus Nitrite (N)                                                                  | mg/L         | 0.054          | 0.020      | C135335         |                            |            |                 | ND                 | 0.020      | C135335         |
| Total Nitrogen (N)                                                                        | mg/L         | 0.148          | 0.020      | C138825         |                            |            |                 | ND                 | 0.020      | C138825         |
| RDL = Reportable Detection Limit                                                          |              |                |            |                 |                            |            |                 |                    |            |                 |
| Lab-Dup = Laboratory Initiated Duplicate                                                  |              |                |            |                 |                            |            |                 |                    |            |                 |
| ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |              |                |            |                 |                            |            |                 |                    |            |                 |





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### RESULTS OF CHEMICAL ANALYSES OF WATER

|                                                                                                                                                                                                   |              |                            |            |                 |                   |            |                 |                           |            |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------|------------|-----------------|-------------------|------------|-----------------|---------------------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                                                                                                                          |              | DVK035                     |            |                 | DVK036            |            |                 | DVK036                    |            |                 |
| <b>Sampling Date</b>                                                                                                                                                                              |              | 2025/10/21                 |            |                 | 2025/10/21        |            |                 | 2025/10/21                |            |                 |
| <b>COC Number</b>                                                                                                                                                                                 |              | 116653                     |            |                 | 116653            |            |                 | 116653                    |            |                 |
|                                                                                                                                                                                                   | <b>UNITS</b> | <b>Field Blank Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Trip Blank</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Trip Blank Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>ANIONS</b>                                                                                                                                                                                     |              |                            |            |                 |                   |            |                 |                           |            |                 |
| Nitrite (N)                                                                                                                                                                                       | mg/L         |                            |            |                 | ND                | 0.0050     | C135337         |                           |            |                 |
| <b>Calculated Parameters</b>                                                                                                                                                                      |              |                            |            |                 |                   |            |                 |                           |            |                 |
| Total Chromium III                                                                                                                                                                                | mg/L         |                            |            |                 | ND                | 0.00099    | C133144         |                           |            |                 |
| Dissolved Hardness (CaCO <sub>3</sub> )                                                                                                                                                           | mg/L         |                            |            |                 | ND                | 0.50       | C132601         |                           |            |                 |
| Total Hardness (CaCO <sub>3</sub> )                                                                                                                                                               | mg/L         |                            |            |                 | ND                | 0.50       | C132600         |                           |            |                 |
| Nitrate (N)                                                                                                                                                                                       | mg/L         |                            |            |                 | ND                | 0.020      | C132788         |                           |            |                 |
| Sulphide (as H <sub>2</sub> S)                                                                                                                                                                    | mg/L         |                            |            |                 | ND                | 0.0020     | C132624         |                           |            |                 |
| <b>Misc. Inorganics</b>                                                                                                                                                                           |              |                            |            |                 |                   |            |                 |                           |            |                 |
| pH                                                                                                                                                                                                | pH           |                            |            |                 | 5.61              | N/A        | C134861         |                           |            |                 |
| Total Organic Carbon (C)                                                                                                                                                                          | mg/L         |                            |            |                 | ND                | 0.50       | C134938         |                           |            |                 |
| Total Dissolved Solids                                                                                                                                                                            | mg/L         |                            |            |                 | ND                | 10         | C136639         |                           |            |                 |
| Total Suspended Solids                                                                                                                                                                            | mg/L         |                            |            |                 | ND                | 1.0        | C133621         |                           |            |                 |
| <b>Lab Filtered Inorganics</b>                                                                                                                                                                    |              |                            |            |                 |                   |            |                 |                           |            |                 |
| Dissolved Organic Carbon (C)                                                                                                                                                                      | mg/L         | ND                         | 0.50       | C135798         | ND                | 0.50       | C135798         |                           |            |                 |
| <b>Anions</b>                                                                                                                                                                                     |              |                            |            |                 |                   |            |                 |                           |            |                 |
| Alkalinity (PP as CaCO <sub>3</sub> )                                                                                                                                                             | mg/L         |                            |            |                 | ND                | 1.0        | C134855         |                           |            |                 |
| Alkalinity (Total as CaCO <sub>3</sub> )                                                                                                                                                          | mg/L         |                            |            |                 | ND                | 1.0        | C134855         |                           |            |                 |
| Bicarbonate (HCO <sub>3</sub> )                                                                                                                                                                   | mg/L         |                            |            |                 | ND                | 1.0        | C134855         |                           |            |                 |
| Carbonate (CO <sub>3</sub> )                                                                                                                                                                      | mg/L         |                            |            |                 | ND                | 1.0        | C134855         |                           |            |                 |
| Fluoride (F)                                                                                                                                                                                      | mg/L         |                            |            |                 | ND                | 0.050      | C134989         |                           |            |                 |
| Hydroxide (OH)                                                                                                                                                                                    | mg/L         |                            |            |                 | ND                | 1.0        | C134855         |                           |            |                 |
| Total Sulphide                                                                                                                                                                                    | mg/L         |                            |            |                 | ND                | 0.0018     | C138654         |                           |            |                 |
| Chloride (Cl)                                                                                                                                                                                     | mg/L         |                            |            |                 | ND                | 1.0        | C134607         |                           |            |                 |
| Sulphate (SO <sub>4</sub> )                                                                                                                                                                       | mg/L         |                            |            |                 | ND                | 1.0        | C134607         |                           |            |                 |
| <b>Metals</b>                                                                                                                                                                                     |              |                            |            |                 |                   |            |                 |                           |            |                 |
| Total Hex. Chromium (Cr 6+)                                                                                                                                                                       | mg/L         |                            |            |                 | ND                | 0.00099    | C134970         | ND                        | 0.00099    | C134970         |
| <b>Nutrients</b>                                                                                                                                                                                  |              |                            |            |                 |                   |            |                 |                           |            |                 |
| Total Ammonia (N)                                                                                                                                                                                 | mg/L         |                            |            |                 | ND                | 0.015      | C137342         | ND                        | 0.015      | C137342         |
| RDL = Reportable Detection Limit<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.<br>N/A = Not Applicable |              |                            |            |                 |                   |            |                 |                           |            |                 |



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HATFIELD CONSULTANTS  
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Your P.O. #: 4800010213

### RESULTS OF CHEMICAL ANALYSES OF WATER

|                                                                                                                                                                           |              |                                |            |                 |                   |            |                 |                               |            |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------|------------|-----------------|-------------------|------------|-----------------|-------------------------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                                                                                                  |              | DVK035                         |            |                 | DVK036            |            |                 | DVK036                        |            |                 |
| <b>Sampling Date</b>                                                                                                                                                      |              | 2025/10/21                     |            |                 | 2025/10/21        |            |                 | 2025/10/21                    |            |                 |
| <b>COC Number</b>                                                                                                                                                         |              | 116653                         |            |                 | 116653            |            |                 | 116653                        |            |                 |
|                                                                                                                                                                           | <b>UNITS</b> | <b>Field Blank<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Trip Blank</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Trip Blank<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> |
| Total Phosphorus (P)                                                                                                                                                      | mg/L         | 0.0014                         | 0.0010     | C136256         | ND                | 0.0010     | C136256         |                               |            |                 |
| Nitrate plus Nitrite (N)                                                                                                                                                  | mg/L         |                                |            |                 | ND                | 0.020      | C135335         |                               |            |                 |
| Total Nitrogen (N)                                                                                                                                                        | mg/L         |                                |            |                 | ND                | 0.020      | C138825         |                               |            |                 |
| RDL = Reportable Detection Limit<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |              |                                |            |                 |                   |            |                 |                               |            |                 |



### RESULTS OF CHEMICAL ANALYSES OF WATER

|                                                                                                                                                                                                   |              |            |            |                 |                    |            |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|------------|-----------------|--------------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                                                                                                                          |              | DVK037     |            |                 | DVK037             |            |                 |
| <b>Sampling Date</b>                                                                                                                                                                              |              | 2025/10/21 |            |                 | 2025/10/21         |            |                 |
| <b>COC Number</b>                                                                                                                                                                                 |              | 116653     |            |                 | 116653             |            |                 |
|                                                                                                                                                                                                   | <b>UNITS</b> | <b>DUP</b> | <b>RDL</b> | <b>QC Batch</b> | <b>DUP Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>ANIONS</b>                                                                                                                                                                                     |              |            |            |                 |                    |            |                 |
| Nitrite (N)                                                                                                                                                                                       | mg/L         | ND         | 0.0050     | C135337         |                    |            |                 |
| <b>Calculated Parameters</b>                                                                                                                                                                      |              |            |            |                 |                    |            |                 |
| Total Chromium III                                                                                                                                                                                | mg/L         | ND         | 0.00099    | C133144         |                    |            |                 |
| Dissolved Hardness (CaCO <sub>3</sub> )                                                                                                                                                           | mg/L         | 59.6       | 0.50       | C132601         |                    |            |                 |
| Total Hardness (CaCO <sub>3</sub> )                                                                                                                                                               | mg/L         | 53.7       | 0.50       | C132600         |                    |            |                 |
| Nitrate (N)                                                                                                                                                                                       | mg/L         | ND         | 0.020      | C132788         |                    |            |                 |
| Sulphide (as H <sub>2</sub> S)                                                                                                                                                                    | mg/L         | ND         | 0.0020     | C132624         |                    |            |                 |
| <b>Field Parameters</b>                                                                                                                                                                           |              |            |            |                 |                    |            |                 |
| Field pH                                                                                                                                                                                          | pH           | 7.54       | N/A        | ONSITE          |                    |            |                 |
| Field Temperature                                                                                                                                                                                 | °C           | 11.9       | N/A        | ONSITE          |                    |            |                 |
| <b>Misc. Inorganics</b>                                                                                                                                                                           |              |            |            |                 |                    |            |                 |
| pH                                                                                                                                                                                                | pH           | 6.89       | N/A        | C134861         | 6.91               | N/A        | C134861         |
| Total Organic Carbon (C)                                                                                                                                                                          | mg/L         | 1.3        | 0.50       | C134938         |                    |            |                 |
| Total Dissolved Solids                                                                                                                                                                            | mg/L         | 100        | 10         | C136639         |                    |            |                 |
| Total Suspended Solids                                                                                                                                                                            | mg/L         | 18         | 1.0        | C134206         |                    |            |                 |
| <b>Lab Filtered Inorganics</b>                                                                                                                                                                    |              |            |            |                 |                    |            |                 |
| Dissolved Organic Carbon (C)                                                                                                                                                                      | mg/L         | 1.1        | 0.50       | C135798         |                    |            |                 |
| <b>Anions</b>                                                                                                                                                                                     |              |            |            |                 |                    |            |                 |
| Alkalinity (PP as CaCO <sub>3</sub> )                                                                                                                                                             | mg/L         | ND         | 1.0        | C134855         | ND                 | 1.0        | C134855         |
| Alkalinity (Total as CaCO <sub>3</sub> )                                                                                                                                                          | mg/L         | 52         | 1.0        | C134855         | 52                 | 1.0        | C134855         |
| Bicarbonate (HCO <sub>3</sub> )                                                                                                                                                                   | mg/L         | 63         | 1.0        | C134855         | 63                 | 1.0        | C134855         |
| Carbonate (CO <sub>3</sub> )                                                                                                                                                                      | mg/L         | ND         | 1.0        | C134855         | ND                 | 1.0        | C134855         |
| Fluoride (F)                                                                                                                                                                                      | mg/L         | 0.28       | 0.050      | C134996         |                    |            |                 |
| Hydroxide (OH)                                                                                                                                                                                    | mg/L         | ND         | 1.0        | C134855         | ND                 | 1.0        | C134855         |
| Total Sulphide                                                                                                                                                                                    | mg/L         | ND         | 0.0018     | C138654         |                    |            |                 |
| Chloride (Cl)                                                                                                                                                                                     | mg/L         | 14         | 1.0        | C134607         |                    |            |                 |
| Sulphate (SO <sub>4</sub> )                                                                                                                                                                       | mg/L         | 12         | 1.0        | C134607         |                    |            |                 |
| RDL = Reportable Detection Limit<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.<br>N/A = Not Applicable |              |            |            |                 |                    |            |                 |



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### RESULTS OF CHEMICAL ANALYSES OF WATER

|                                                                                                                                                                           |              |            |            |                 |                        |            |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------|------------|-----------------|------------------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                                                                                                  |              | DVK037     |            |                 | DVK037                 |            |                 |
| <b>Sampling Date</b>                                                                                                                                                      |              | 2025/10/21 |            |                 | 2025/10/21             |            |                 |
| <b>COC Number</b>                                                                                                                                                         |              | 116653     |            |                 | 116653                 |            |                 |
|                                                                                                                                                                           | <b>UNITS</b> | <b>DUP</b> | <b>RDL</b> | <b>QC Batch</b> | <b>DUP<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>Metals</b>                                                                                                                                                             |              |            |            |                 |                        |            |                 |
| Total Hex. Chromium (Cr 6+)                                                                                                                                               | mg/L         | ND         | 0.00099    | C134970         |                        |            |                 |
| <b>Nutrients</b>                                                                                                                                                          |              |            |            |                 |                        |            |                 |
| Total Ammonia (N)                                                                                                                                                         | mg/L         | ND         | 0.015      | C137342         |                        |            |                 |
| Total Phosphorus (P)                                                                                                                                                      | mg/L         | 0.0089     | 0.0010     | C136256         |                        |            |                 |
| Nitrate plus Nitrite (N)                                                                                                                                                  | mg/L         | ND         | 0.020      | C135335         |                        |            |                 |
| Total Nitrogen (N)                                                                                                                                                        | mg/L         | 0.188      | 0.020      | C138825         |                        |            |                 |
| <b>Misc. Organics</b>                                                                                                                                                     |              |            |            |                 |                        |            |                 |
| Phenols                                                                                                                                                                   | mg/L         | 0.0019     | 0.0015     | C138158         |                        |            |                 |
| RDL = Reportable Detection Limit<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |              |            |            |                 |                        |            |                 |



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### GLYCOLS BY GC-FID (WATER)

|                                                                                                                                  |              |                  |            |            |                 |
|----------------------------------------------------------------------------------------------------------------------------------|--------------|------------------|------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                                                         |              | DVK031           | DVK037     |            |                 |
| <b>Sampling Date</b>                                                                                                             |              | 2025/10/21       | 2025/10/21 |            |                 |
| <b>COC Number</b>                                                                                                                |              | 116653           | 116653     |            |                 |
|                                                                                                                                  | <b>UNITS</b> | <b>WLNG -EOP</b> | <b>DUP</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>Glycols</b>                                                                                                                   |              |                  |            |            |                 |
| Ethylene Glycol                                                                                                                  | mg/L         | ND               | ND         | 3.0        | C138717         |
| Diethylene Glycol                                                                                                                | mg/L         | ND               | ND         | 5.0        | C138717         |
| Triethylene Glycol                                                                                                               | mg/L         | ND               | ND         | 5.0        | C138717         |
| Propylene Glycol                                                                                                                 | mg/L         | ND               | ND         | 5.0        | C138717         |
| <b>Surrogate Recovery (%)</b>                                                                                                    |              |                  |            |            |                 |
| Methyl Sulfone (sur.)                                                                                                            | %            | 87               | 91         |            | C138717         |
| RDL = Reportable Detection Limit<br>ND = Not Detected at a concentration equal or greater than the indicated<br>Detection Limit. |              |                  |            |            |                 |



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### MERCURY BY COLD VAPOR (WATER)

|                                                                                           |              |                |            |                 |                        |            |                 |                  |            |                 |
|-------------------------------------------------------------------------------------------|--------------|----------------|------------|-----------------|------------------------|------------|-----------------|------------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                  |              | DVK030         |            |                 | DVK030                 |            |                 | DVK031           |            |                 |
| <b>Sampling Date</b>                                                                      |              | 2025/10/21     |            |                 | 2025/10/21             |            |                 | 2025/10/21       |            |                 |
| <b>COC Number</b>                                                                         |              | 116653         |            |                 | 116653                 |            |                 | 116653           |            |                 |
|                                                                                           | <b>UNITS</b> | <b>WLNG-DS</b> | <b>RDL</b> | <b>QC Batch</b> | <b>WLNG-DS Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>WLNG -EOP</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>Elements</b>                                                                           |              |                |            |                 |                        |            |                 |                  |            |                 |
| Total Mercury (Hg)                                                                        | ug/L         | ND             | 0.0019     | C134429         |                        |            |                 | ND               | 0.0019     | C134429         |
| <b>Lab Filtered Elements</b>                                                              |              |                |            |                 |                        |            |                 |                  |            |                 |
| Dissolved Mercury (Hg)                                                                    | ug/L         | ND             | 0.0019     | C133738         | ND                     | 0.0019     | C133738         | ND               | 0.0019     | C133738         |
| RDL = Reportable Detection Limit                                                          |              |                |            |                 |                        |            |                 |                  |            |                 |
| Lab-Dup = Laboratory Initiated Duplicate                                                  |              |                |            |                 |                        |            |                 |                  |            |                 |
| ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |              |                |            |                 |                        |            |                 |                  |            |                 |

|                                                                                           |              |                |                 |                |                |                    |                   |            |            |                 |
|-------------------------------------------------------------------------------------------|--------------|----------------|-----------------|----------------|----------------|--------------------|-------------------|------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                  |              | DVK032         |                 | DVK033         | DVK034         | DVK035             | DVK036            | DVK037     |            |                 |
| <b>Sampling Date</b>                                                                      |              | 2025/10/21     |                 | 2025/10/21     | 2025/10/21     | 2025/10/21         | 2025/10/21        | 2025/10/21 |            |                 |
| <b>COC Number</b>                                                                         |              | 116653         |                 | 116653         | 116653         | 116653             | 116653            | 116653     |            |                 |
|                                                                                           | <b>UNITS</b> | <b>WLNG-US</b> | <b>QC Batch</b> | <b>SQRI-US</b> | <b>SQRI-DS</b> | <b>Field Blank</b> | <b>Trip Blank</b> | <b>DUP</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>Elements</b>                                                                           |              |                |                 |                |                |                    |                   |            |            |                 |
| Total Mercury (Hg)                                                                        | ug/L         | 0.0033         | C140527         | ND             | ND             | ND                 | ND                | ND         | 0.0019     | C134429         |
| <b>Lab Filtered Elements</b>                                                              |              |                |                 |                |                |                    |                   |            |            |                 |
| Dissolved Mercury (Hg)                                                                    | ug/L         | 0.0037         | C140042         | ND             | ND             | ND                 | ND                | ND         | 0.0019     | C133738         |
| RDL = Reportable Detection Limit                                                          |              |                |                 |                |                |                    |                   |            |            |                 |
| ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |              |                |                 |                |                |                    |                   |            |            |                 |



Bureau Veritas Job #: C588134

Report Date: 2025/11/05

HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

### ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

|                          |              |                |                  |                |                |                 |                |            |                 |
|--------------------------|--------------|----------------|------------------|----------------|----------------|-----------------|----------------|------------|-----------------|
| <b>Bureau Veritas ID</b> |              | DVK030         | DVK031           | DVK032         | DVK033         |                 | DVK034         |            |                 |
| <b>Sampling Date</b>     |              | 2025/10/21     | 2025/10/21       | 2025/10/21     | 2025/10/21     |                 | 2025/10/21     |            |                 |
| <b>COC Number</b>        |              | 116653         | 116653           | 116653         | 116653         |                 | 116653         |            |                 |
|                          | <b>UNITS</b> | <b>WLNG-DS</b> | <b>WLNG -EOP</b> | <b>WLNG-US</b> | <b>SQRI-US</b> | <b>QC Batch</b> | <b>SQRI-DS</b> | <b>RDL</b> | <b>QC Batch</b> |

#### ANIONS

|              |      |    |    |    |    |         |    |       |         |
|--------------|------|----|----|----|----|---------|----|-------|---------|
| Bromide (Br) | mg/L | ND | ND | ND | ND | C138770 | ND | 0.010 | C138795 |
|--------------|------|----|----|----|----|---------|----|-------|---------|

#### Dissolved Metals by ICPMS

|                          |      |      |       |       |       |         |       |       |         |
|--------------------------|------|------|-------|-------|-------|---------|-------|-------|---------|
| Dissolved Calcium (Ca)   | mg/L | 14.8 | 21.7  | 7.32  | 5.79  | C132951 | 5.82  | 0.050 | C132951 |
| Dissolved Magnesium (Mg) | mg/L | 1.10 | 0.967 | 2.12  | 0.661 | C132951 | 0.664 | 0.050 | C132951 |
| Dissolved Potassium (K)  | mg/L | 1.82 | 2.57  | 0.697 | 0.544 | C132951 | 0.639 | 0.050 | C132951 |
| Dissolved Sodium (Na)    | mg/L | 6.04 | 8.28  | 3.00  | 2.13  | C132951 | 2.19  | 0.050 | C132951 |
| Dissolved Sulphur (S)    | mg/L | 3.9  | 4.3   | 5.6   | ND    | C132951 | ND    | 3.0   | C132951 |

#### Lab Filtered Metals

|                           |      |        |        |        |        |         |        |        |         |
|---------------------------|------|--------|--------|--------|--------|---------|--------|--------|---------|
| Dissolved Aluminum (Al)   | ug/L | 57.6   | 42.2   | 70.7   | 38.8   | C134251 | 39.1   | 0.50   | C136259 |
| Dissolved Antimony (Sb)   | ug/L | 0.564  | 0.818  | 0.082  | ND     | C134251 | ND     | 0.020  | C136259 |
| Dissolved Arsenic (As)    | ug/L | 0.887  | 1.34   | 0.380  | 0.147  | C134251 | 0.148  | 0.020  | C136259 |
| Dissolved Barium (Ba)     | ug/L | 8.37   | 9.78   | 5.14   | 7.78   | C134251 | 8.20   | 0.020  | C136259 |
| Dissolved Beryllium (Be)  | ug/L | ND     | ND     | ND     | ND     | C134251 | ND     | 0.010  | C136259 |
| Dissolved Bismuth (Bi)    | ug/L | ND     | ND     | ND     | ND     | C134251 | ND     | 0.0050 | C136259 |
| Dissolved Boron (B)       | ug/L | 13     | 17     | ND     | ND     | C134251 | ND     | 10     | C136259 |
| Dissolved Cadmium (Cd)    | ug/L | 0.0081 | 0.0105 | 0.0088 | 0.0089 | C134251 | 0.0083 | 0.0050 | C136259 |
| Dissolved Cesium (Cs)     | ug/L | ND     | ND     | ND     | ND     | C134251 | ND     | 0.050  | C136259 |
| Dissolved Chromium (Cr)   | ug/L | ND     | ND     | ND     | ND     | C134251 | ND     | 0.10   | C136259 |
| Dissolved Cobalt (Co)     | ug/L | 0.0587 | 0.0354 | 0.149  | 0.0468 | C134251 | 0.0535 | 0.0050 | C136259 |
| Dissolved Copper (Cu)     | ug/L | 0.681  | 0.159  | 2.70   | 0.741  | C134251 | 0.719  | 0.050  | C136259 |
| Dissolved Iron (Fe)       | ug/L | 11.5   | ND     | 29.1   | 58.4   | C134251 | 67.1   | 1.0    | C136259 |
| Dissolved Lead (Pb)       | ug/L | 0.0058 | 0.0050 | 0.0119 | 0.0117 | C134251 | 0.0119 | 0.0050 | C136259 |
| Dissolved Lithium (Li)    | ug/L | 4.37   | 7.02   | ND     | 0.86   | C134251 | 1.29   | 0.50   | C136259 |
| Dissolved Manganese (Mn)  | ug/L | 16.7   | 29.2   | 1.70   | 7.04   | C134251 | 8.07   | 0.050  | C136259 |
| Dissolved Molybdenum (Mo) | ug/L | 17.7   | 29.8   | 0.637  | 0.569  | C134251 | 0.520  | 0.050  | C136259 |
| Dissolved Nickel (Ni)     | ug/L | 0.445  | 0.180  | 1.23   | 0.106  | C134251 | 0.147  | 0.020  | C136259 |
| Dissolved Phosphorus (P)  | ug/L | 18.5   | 5.2    | 98.7   | 9.4    | C134251 | 6.1    | 2.0    | C136259 |
| Dissolved Rubidium (Rb)   | ug/L | 3.29   | 4.81   | 0.538  | 0.862  | C134251 | 0.917  | 0.050  | C136259 |
| Dissolved Selenium (Se)   | ug/L | ND     | 0.050  | 0.059  | ND     | C134251 | ND     | 0.040  | C136259 |
| Dissolved Silicon (Si)    | ug/L | 5440   | 6470   | 4600   | 4280   | C134251 | 4300   | 50     | C136259 |
| Dissolved Silver (Ag)     | ug/L | ND     | ND     | ND     | ND     | C134251 | ND     | 0.0050 | C136259 |

RDL = Reportable Detection Limit

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

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Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID                                                                         |       | DVK030     | DVK031     | DVK032     | DVK033     |          | DVK034     |        |          |
|-------------------------------------------------------------------------------------------|-------|------------|------------|------------|------------|----------|------------|--------|----------|
| Sampling Date                                                                             |       | 2025/10/21 | 2025/10/21 | 2025/10/21 | 2025/10/21 |          | 2025/10/21 |        |          |
| COC Number                                                                                |       | 116653     | 116653     | 116653     | 116653     |          | 116653     |        |          |
|                                                                                           | UNITS | WLNG-DS    | WLNG -EOP  | WLNG-US    | SQRI-US    | QC Batch | SQRI-DS    | RDL    | QC Batch |
| Dissolved Strontium (Sr)                                                                  | ug/L  | 34.7       | 46.7       | 23.2       | 38.2       | C134251  | 37.1       | 0.050  | C136259  |
| Dissolved Tellurium (Te)                                                                  | ug/L  | ND         | ND         | ND         | ND         | C134251  | ND         | 0.020  | C136259  |
| Dissolved Thallium (Tl)                                                                   | ug/L  | 0.0092     | 0.0130     | 0.0025     | ND         | C134251  | 0.0028     | 0.0020 | C136259  |
| Dissolved Thorium (Th)                                                                    | ug/L  | 0.0069     | 0.0058     | 0.0155     | 0.0085     | C134251  | 0.0056     | 0.0050 | C136259  |
| Dissolved Tin (Sn)                                                                        | ug/L  | ND         | ND         | ND         | ND         | C134251  | ND         | 0.20   | C136259  |
| Dissolved Titanium (Ti)                                                                   | ug/L  | ND         | ND         | ND         | ND         | C134251  | ND         | 0.50   | C136259  |
| Dissolved Uranium (U)                                                                     | ug/L  | 0.192      | 0.286      | 0.125      | 0.0297     | C134251  | 0.0295     | 0.0020 | C136259  |
| Dissolved Vanadium (V)                                                                    | ug/L  | ND         | ND         | 0.30       | 1.05       | C134251  | 0.94       | 0.20   | C136259  |
| Dissolved Zinc (Zn)                                                                       | ug/L  | 1.81       | 2.53       | 1.68       | 0.59       | C134251  | 0.96       | 0.10   | C136259  |
| Dissolved Zirconium (Zr)                                                                  | ug/L  | ND         | ND         | ND         | ND         | C134251  | ND         | 0.10   | C136259  |
| <b>Total Metals by ICPMS</b>                                                              |       |            |            |            |            |          |            |        |          |
| Total Aluminum (Al)                                                                       | ug/L  | 142        | 266        | 143        | 215        | C134275  | 299        | 3.0    | C134275  |
| Total Antimony (Sb)                                                                       | ug/L  | 0.493      | 0.781      | 0.078      | ND         | C134275  | 0.044      | 0.020  | C134275  |
| Total Arsenic (As)                                                                        | ug/L  | 0.826      | 1.33       | 0.365      | 0.151      | C134275  | 0.166      | 0.020  | C134275  |
| Total Barium (Ba)                                                                         | ug/L  | 8.32       | 11.4       | 5.56       | 9.13       | C134275  | 10.3       | 0.050  | C134275  |
| Total Beryllium (Be)                                                                      | ug/L  | ND         | ND         | ND         | ND         | C134275  | ND         | 0.010  | C134275  |
| Total Bismuth (Bi)                                                                        | ug/L  | ND         | ND         | ND         | ND         | C134275  | ND         | 0.010  | C134275  |
| Total Boron (B)                                                                           | ug/L  | 12         | 16         | 10         | ND         | C134275  | ND         | 10     | C134275  |
| Total Cadmium (Cd)                                                                        | ug/L  | 0.0050     | 0.0104     | 0.0079     | ND         | C134275  | ND         | 0.0050 | C134275  |
| Total Cesium (Cs)                                                                         | ug/L  | ND         | ND         | ND         | ND         | C134275  | ND         | 0.050  | C134275  |
| Total Chromium (Cr)                                                                       | ug/L  | ND         | ND         | 0.14       | 0.10       | C134275  | 0.14       | 0.10   | C134275  |
| Total Cobalt (Co)                                                                         | ug/L  | 0.066      | 0.054      | 0.167      | 0.095      | C134275  | 0.132      | 0.010  | C134275  |
| Total Copper (Cu)                                                                         | ug/L  | 0.65       | 0.60       | 2.69       | 1.13       | C134275  | 1.20       | 0.10   | C134275  |
| Total Iron (Fe)                                                                           | ug/L  | 71.5       | 120        | 110        | 201        | C134275  | 284        | 5.0    | C134275  |
| Total Lead (Pb)                                                                           | ug/L  | 0.022      | 0.084      | 0.045      | 0.049      | C134275  | 0.058      | 0.020  | C134275  |
| Total Lithium (Li)                                                                        | ug/L  | 3.90       | 6.50       | ND         | 0.90       | C134275  | 1.15       | 0.50   | C134275  |
| Total Manganese (Mn)                                                                      | ug/L  | 16.6 (1)   | 30.0       | 4.50       | 9.55       | C134275  | 11.9       | 0.10   | C134275  |
| Total Molybdenum (Mo)                                                                     | ug/L  | 15.4       | 27.3       | 0.581      | 0.522      | C134275  | 0.481      | 0.050  | C134275  |
| Total Nickel (Ni)                                                                         | ug/L  | 0.40       | 0.16       | 1.17       | 0.13       | C134275  | 0.66       | 0.10   | C134275  |
| Total Phosphorus (P)                                                                      | ug/L  | 21.1       | 6.6        | 100        | 19.5       | C134275  | 28.5       | 5.0    | C134275  |
| Total Rubidium (Rb)                                                                       | ug/L  | 2.97 (1)   | 4.78       | 0.563      | 0.898      | C134275  | 1.04       | 0.050  | C134275  |
| RDL = Reportable Detection Limit                                                          |       |            |            |            |            |          |            |        |          |
| ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |       |            |            |            |            |          |            |        |          |
| (1) Matrix Spike outside acceptance criteria due to sample matrix interference.           |       |            |            |            |            |          |            |        |          |





Bureau Veritas Job #: C588134  
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HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID                                                                         |       | DVK030     | DVK031     | DVK032     | DVK033     |          | DVK034     |        |          |
|-------------------------------------------------------------------------------------------|-------|------------|------------|------------|------------|----------|------------|--------|----------|
| Sampling Date                                                                             |       | 2025/10/21 | 2025/10/21 | 2025/10/21 | 2025/10/21 |          | 2025/10/21 |        |          |
| COC Number                                                                                |       | 116653     | 116653     | 116653     | 116653     |          | 116653     |        |          |
|                                                                                           | UNITS | WLNG-DS    | WLNG -EOP  | WLNG-US    | SQRI-US    | QC Batch | SQRI-DS    | RDL    | QC Batch |
| Total Selenium (Se)                                                                       | ug/L  | 0.042      | 0.050      | 0.054      | ND         | C134275  | ND         | 0.040  | C134275  |
| Total Silicon (Si)                                                                        | ug/L  | 5320       | 6400       | 4350       | 4210       | C134275  | 4220       | 50     | C134275  |
| Total Silver (Ag)                                                                         | ug/L  | ND         | ND         | ND         | ND         | C134275  | ND         | 0.010  | C134275  |
| Total Strontium (Sr)                                                                      | ug/L  | 31.9       | 45.2       | 21.6       | 35.4       | C134275  | 35.9       | 0.050  | C134275  |
| Total Tellurium (Te)                                                                      | ug/L  | ND         | ND         | ND         | ND         | C134275  | ND         | 0.020  | C134275  |
| Total Thallium (Tl)                                                                       | ug/L  | 0.0081     | 0.0124     | 0.0033     | 0.0024     | C134275  | 0.0031     | 0.0020 | C134275  |
| Total Thorium (Th)                                                                        | ug/L  | ND         | ND         | ND         | ND         | C134275  | ND         | 0.050  | C134275  |
| Total Tin (Sn)                                                                            | ug/L  | ND         | ND         | ND         | ND         | C134275  | ND         | 0.20   | C134275  |
| Total Titanium (Ti)                                                                       | ug/L  | 3.3        | 6.2        | 3.3        | 7.2        | C134275  | 12.5       | 2.0    | C134275  |
| Total Uranium (U)                                                                         | ug/L  | 0.250      | 0.379      | 0.138      | 0.0335     | C134275  | 0.0409     | 0.0050 | C134275  |
| Total Vanadium (V)                                                                        | ug/L  | ND         | ND         | 0.39       | 1.25       | C134275  | 1.30       | 0.20   | C134275  |
| Total Zinc (Zn)                                                                           | ug/L  | 2.4        | 3.2        | 1.9        | 1.2        | C134275  | 1.2        | 1.0    | C134275  |
| Total Zirconium (Zr)                                                                      | ug/L  | ND         | ND         | ND         | ND         | C134275  | ND         | 0.10   | C134275  |
| Total Calcium (Ca)                                                                        | mg/L  | 13.6       | 20.8       | 6.89       | 5.42       | C132957  | 5.44       | 0.25   | C132957  |
| Total Magnesium (Mg)                                                                      | mg/L  | 0.97       | 0.97       | 2.04       | 0.63       | C132957  | 0.68       | 0.25   | C132957  |
| Total Potassium (K)                                                                       | mg/L  | 1.64       | 2.53       | 0.68       | 0.53       | C132957  | 0.62       | 0.25   | C132957  |
| Total Sodium (Na)                                                                         | mg/L  | 5.24       | 7.82       | 2.75       | 1.89       | C132957  | 2.04       | 0.25   | C132957  |
| Total Sulphur (S)                                                                         | mg/L  | 3.8        | 4.4        | 5.7        | ND         | C132957  | ND         | 3.0    | C132957  |
| RDL = Reportable Detection Limit                                                          |       |            |            |            |            |          |            |        |          |
| ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |       |            |            |            |            |          |            |        |          |



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

|                                                                                           |              |                            |            |                 |                    |            |                 |                                |            |                 |
|-------------------------------------------------------------------------------------------|--------------|----------------------------|------------|-----------------|--------------------|------------|-----------------|--------------------------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                  |              | DVK034                     |            |                 | DVK035             |            |                 | DVK035                         |            |                 |
| <b>Sampling Date</b>                                                                      |              | 2025/10/21                 |            |                 | 2025/10/21         |            |                 | 2025/10/21                     |            |                 |
| <b>COC Number</b>                                                                         |              | 116653                     |            |                 | 116653             |            |                 | 116653                         |            |                 |
|                                                                                           | <b>UNITS</b> | <b>SQRI-DS<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Field Blank</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Field Blank<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>ANIONS</b>                                                                             |              |                            |            |                 |                    |            |                 |                                |            |                 |
| Bromide (Br)                                                                              | mg/L         | ND                         | 0.010      | C138795         | ND                 | 0.010      | C138795         |                                |            |                 |
| <b>Dissolved Metals by ICPMS</b>                                                          |              |                            |            |                 |                    |            |                 |                                |            |                 |
| Dissolved Calcium (Ca)                                                                    | mg/L         |                            |            |                 | ND                 | 0.050      | C132951         |                                |            |                 |
| Dissolved Magnesium (Mg)                                                                  | mg/L         |                            |            |                 | ND                 | 0.050      | C132951         |                                |            |                 |
| Dissolved Potassium (K)                                                                   | mg/L         |                            |            |                 | ND                 | 0.050      | C132951         |                                |            |                 |
| Dissolved Sodium (Na)                                                                     | mg/L         |                            |            |                 | ND                 | 0.050      | C132951         |                                |            |                 |
| Dissolved Sulphur (S)                                                                     | mg/L         |                            |            |                 | ND                 | 3.0        | C132951         |                                |            |                 |
| <b>Lab Filtered Metals</b>                                                                |              |                            |            |                 |                    |            |                 |                                |            |                 |
| Dissolved Aluminum (Al)                                                                   | ug/L         | 37.7                       | 0.50       | C136259         | ND                 | 0.50       | C136259         |                                |            |                 |
| Dissolved Antimony (Sb)                                                                   | ug/L         | ND                         | 0.020      | C136259         | ND                 | 0.020      | C136259         |                                |            |                 |
| Dissolved Arsenic (As)                                                                    | ug/L         | 0.142                      | 0.020      | C136259         | ND                 | 0.020      | C136259         |                                |            |                 |
| Dissolved Barium (Ba)                                                                     | ug/L         | 8.13                       | 0.020      | C136259         | ND                 | 0.020      | C136259         |                                |            |                 |
| Dissolved Beryllium (Be)                                                                  | ug/L         | ND                         | 0.010      | C136259         | ND                 | 0.010      | C136259         |                                |            |                 |
| Dissolved Bismuth (Bi)                                                                    | ug/L         | ND                         | 0.0050     | C136259         | ND                 | 0.0050     | C136259         |                                |            |                 |
| Dissolved Boron (B)                                                                       | ug/L         | ND                         | 10         | C136259         | ND                 | 10         | C136259         |                                |            |                 |
| Dissolved Cadmium (Cd)                                                                    | ug/L         | 0.0076                     | 0.0050     | C136259         | ND                 | 0.0050     | C136259         |                                |            |                 |
| Dissolved Cesium (Cs)                                                                     | ug/L         | ND                         | 0.050      | C136259         | ND                 | 0.050      | C136259         |                                |            |                 |
| Dissolved Chromium (Cr)                                                                   | ug/L         | ND                         | 0.10       | C136259         | ND                 | 0.10       | C136259         |                                |            |                 |
| Dissolved Cobalt (Co)                                                                     | ug/L         | 0.0558                     | 0.0050     | C136259         | ND                 | 0.0050     | C136259         |                                |            |                 |
| Dissolved Copper (Cu)                                                                     | ug/L         | 0.721                      | 0.050      | C136259         | ND                 | 0.050      | C136259         |                                |            |                 |
| Dissolved Iron (Fe)                                                                       | ug/L         | 69.3                       | 1.0        | C136259         | ND                 | 1.0        | C136259         |                                |            |                 |
| Dissolved Lead (Pb)                                                                       | ug/L         | 0.0138                     | 0.0050     | C136259         | ND                 | 0.0050     | C136259         |                                |            |                 |
| Dissolved Lithium (Li)                                                                    | ug/L         | 1.26                       | 0.50       | C136259         | ND                 | 0.50       | C136259         |                                |            |                 |
| Dissolved Manganese (Mn)                                                                  | ug/L         | 7.94                       | 0.050      | C136259         | ND                 | 0.050      | C136259         |                                |            |                 |
| Dissolved Molybdenum (Mo)                                                                 | ug/L         | 0.546                      | 0.050      | C136259         | ND                 | 0.050      | C136259         |                                |            |                 |
| Dissolved Nickel (Ni)                                                                     | ug/L         | 0.121                      | 0.020      | C136259         | ND                 | 0.020      | C136259         |                                |            |                 |
| Dissolved Phosphorus (P)                                                                  | ug/L         | 7.8                        | 2.0        | C136259         | ND                 | 2.0        | C136259         |                                |            |                 |
| Dissolved Rubidium (Rb)                                                                   | ug/L         | 0.939                      | 0.050      | C136259         | ND                 | 0.050      | C136259         |                                |            |                 |
| Dissolved Selenium (Se)                                                                   | ug/L         | ND                         | 0.040      | C136259         | ND                 | 0.040      | C136259         |                                |            |                 |
| Dissolved Silicon (Si)                                                                    | ug/L         | 4340                       | 50         | C136259         | ND                 | 50         | C136259         |                                |            |                 |
| RDL = Reportable Detection Limit                                                          |              |                            |            |                 |                    |            |                 |                                |            |                 |
| Lab-Dup = Laboratory Initiated Duplicate                                                  |              |                            |            |                 |                    |            |                 |                                |            |                 |
| ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |              |                            |            |                 |                    |            |                 |                                |            |                 |



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

|                                                                                           |              |                            |            |                 |                    |            |                 |                                |            |                 |
|-------------------------------------------------------------------------------------------|--------------|----------------------------|------------|-----------------|--------------------|------------|-----------------|--------------------------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                  |              | DVK034                     |            |                 | DVK035             |            |                 | DVK035                         |            |                 |
| <b>Sampling Date</b>                                                                      |              | 2025/10/21                 |            |                 | 2025/10/21         |            |                 | 2025/10/21                     |            |                 |
| <b>COC Number</b>                                                                         |              | 116653                     |            |                 | 116653             |            |                 | 116653                         |            |                 |
|                                                                                           | <b>UNITS</b> | <b>SQRI-DS<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Field Blank</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Field Blank<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> |
| Dissolved Silver (Ag)                                                                     | ug/L         | ND                         | 0.0050     | C136259         | ND                 | 0.0050     | C136259         |                                |            |                 |
| Dissolved Strontium (Sr)                                                                  | ug/L         | 37.7                       | 0.050      | C136259         | ND                 | 0.050      | C136259         |                                |            |                 |
| Dissolved Tellurium (Te)                                                                  | ug/L         | ND                         | 0.020      | C136259         | ND                 | 0.020      | C136259         |                                |            |                 |
| Dissolved Thallium (Tl)                                                                   | ug/L         | 0.0029                     | 0.0020     | C136259         | ND                 | 0.0020     | C136259         |                                |            |                 |
| Dissolved Thorium (Th)                                                                    | ug/L         | ND                         | 0.0050     | C136259         | ND                 | 0.0050     | C136259         |                                |            |                 |
| Dissolved Tin (Sn)                                                                        | ug/L         | ND                         | 0.20       | C136259         | ND                 | 0.20       | C136259         |                                |            |                 |
| Dissolved Titanium (Ti)                                                                   | ug/L         | ND                         | 0.50       | C136259         | ND                 | 0.50       | C136259         |                                |            |                 |
| Dissolved Uranium (U)                                                                     | ug/L         | 0.0298                     | 0.0020     | C136259         | ND                 | 0.0020     | C136259         |                                |            |                 |
| Dissolved Vanadium (V)                                                                    | ug/L         | 0.97                       | 0.20       | C136259         | ND                 | 0.20       | C136259         |                                |            |                 |
| Dissolved Zinc (Zn)                                                                       | ug/L         | 0.97                       | 0.10       | C136259         | ND                 | 0.10       | C136259         |                                |            |                 |
| Dissolved Zirconium (Zr)                                                                  | ug/L         | ND                         | 0.10       | C136259         | ND                 | 0.10       | C136259         |                                |            |                 |
| <b>Total Metals by ICPMS</b>                                                              |              |                            |            |                 |                    |            |                 |                                |            |                 |
| Total Aluminum (Al)                                                                       | ug/L         |                            |            |                 | ND                 | 0.50       | C134197         | ND                             | 0.50       | C134197         |
| Total Antimony (Sb)                                                                       | ug/L         |                            |            |                 | ND                 | 0.020      | C134197         | ND                             | 0.020      | C134197         |
| Total Arsenic (As)                                                                        | ug/L         |                            |            |                 | ND                 | 0.020      | C134197         | ND                             | 0.020      | C134197         |
| Total Barium (Ba)                                                                         | ug/L         |                            |            |                 | ND                 | 0.020      | C134197         | ND                             | 0.020      | C134197         |
| Total Beryllium (Be)                                                                      | ug/L         |                            |            |                 | ND                 | 0.010      | C134197         | ND                             | 0.010      | C134197         |
| Total Bismuth (Bi)                                                                        | ug/L         |                            |            |                 | ND                 | 0.0050     | C134197         | ND                             | 0.0050     | C134197         |
| Total Boron (B)                                                                           | ug/L         |                            |            |                 | ND                 | 10         | C134197         | ND                             | 10         | C134197         |
| Total Cadmium (Cd)                                                                        | ug/L         |                            |            |                 | ND                 | 0.0050     | C134197         | ND                             | 0.0050     | C134197         |
| Total Cesium (Cs)                                                                         | ug/L         |                            |            |                 | ND                 | 0.050      | C134197         | ND                             | 0.050      | C134197         |
| Total Chromium (Cr)                                                                       | ug/L         |                            |            |                 | ND                 | 0.10       | C134197         | ND                             | 0.10       | C134197         |
| Total Cobalt (Co)                                                                         | ug/L         |                            |            |                 | ND                 | 0.0050     | C134197         | ND                             | 0.0050     | C134197         |
| Total Copper (Cu)                                                                         | ug/L         |                            |            |                 | ND                 | 0.050      | C134197         | ND                             | 0.050      | C134197         |
| Total Iron (Fe)                                                                           | ug/L         |                            |            |                 | ND                 | 1.0        | C134197         | ND                             | 1.0        | C134197         |
| Total Lead (Pb)                                                                           | ug/L         |                            |            |                 | ND                 | 0.0050     | C134197         | ND                             | 0.0050     | C134197         |
| Total Lithium (Li)                                                                        | ug/L         |                            |            |                 | ND                 | 0.50       | C134197         | ND                             | 0.50       | C134197         |
| Total Manganese (Mn)                                                                      | ug/L         |                            |            |                 | ND                 | 0.050      | C134197         | ND                             | 0.050      | C134197         |
| Total Molybdenum (Mo)                                                                     | ug/L         |                            |            |                 | ND                 | 0.050      | C134197         | ND                             | 0.050      | C134197         |
| Total Nickel (Ni)                                                                         | ug/L         |                            |            |                 | ND                 | 0.020      | C134197         | ND                             | 0.020      | C134197         |
| Total Phosphorus (P)                                                                      | ug/L         |                            |            |                 | ND                 | 2.0        | C134197         | ND                             | 2.0        | C134197         |
| RDL = Reportable Detection Limit                                                          |              |                            |            |                 |                    |            |                 |                                |            |                 |
| Lab-Dup = Laboratory Initiated Duplicate                                                  |              |                            |            |                 |                    |            |                 |                                |            |                 |
| ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |              |                            |            |                 |                    |            |                 |                                |            |                 |



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

|                                                                                                                                                                           |              |                            |            |                 |                    |            |                 |                                |            |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------|------------|-----------------|--------------------|------------|-----------------|--------------------------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                                                                                                  |              | DVK034                     |            |                 | DVK035             |            |                 | DVK035                         |            |                 |
| <b>Sampling Date</b>                                                                                                                                                      |              | 2025/10/21                 |            |                 | 2025/10/21         |            |                 | 2025/10/21                     |            |                 |
| <b>COC Number</b>                                                                                                                                                         |              | 116653                     |            |                 | 116653             |            |                 | 116653                         |            |                 |
|                                                                                                                                                                           | <b>UNITS</b> | <b>SQRI-DS<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Field Blank</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Field Blank<br/>Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> |
| Total Rubidium (Rb)                                                                                                                                                       | ug/L         |                            |            |                 | ND                 | 0.050      | C134197         | ND                             | 0.050      | C134197         |
| Total Selenium (Se)                                                                                                                                                       | ug/L         |                            |            |                 | ND                 | 0.040      | C134197         | ND                             | 0.040      | C134197         |
| Total Silicon (Si)                                                                                                                                                        | ug/L         |                            |            |                 | ND                 | 50         | C134197         | ND                             | 50         | C134197         |
| Total Silver (Ag)                                                                                                                                                         | ug/L         |                            |            |                 | ND                 | 0.0050     | C134197         | ND                             | 0.0050     | C134197         |
| Total Strontium (Sr)                                                                                                                                                      | ug/L         |                            |            |                 | ND                 | 0.050      | C134197         | ND                             | 0.050      | C134197         |
| Total Tellurium (Te)                                                                                                                                                      | ug/L         |                            |            |                 | ND                 | 0.020      | C134197         | ND                             | 0.020      | C134197         |
| Total Thallium (Tl)                                                                                                                                                       | ug/L         |                            |            |                 | ND                 | 0.0020     | C134197         | ND                             | 0.0020     | C134197         |
| Total Thorium (Th)                                                                                                                                                        | ug/L         |                            |            |                 | ND                 | 0.050      | C134197         | ND                             | 0.050      | C134197         |
| Total Tin (Sn)                                                                                                                                                            | ug/L         |                            |            |                 | ND                 | 0.20       | C134197         | ND                             | 0.20       | C134197         |
| Total Titanium (Ti)                                                                                                                                                       | ug/L         |                            |            |                 | ND                 | 0.50       | C134197         | ND                             | 0.50       | C134197         |
| Total Uranium (U)                                                                                                                                                         | ug/L         |                            |            |                 | ND                 | 0.0020     | C134197         | ND                             | 0.0020     | C134197         |
| Total Vanadium (V)                                                                                                                                                        | ug/L         |                            |            |                 | ND                 | 0.20       | C134197         | ND                             | 0.20       | C134197         |
| Total Zinc (Zn)                                                                                                                                                           | ug/L         |                            |            |                 | 0.18               | 0.10       | C134197         | 0.13                           | 0.10       | C134197         |
| Total Zirconium (Zr)                                                                                                                                                      | ug/L         |                            |            |                 | ND                 | 0.10       | C134197         | ND                             | 0.10       | C134197         |
| Total Calcium (Ca)                                                                                                                                                        | mg/L         |                            |            |                 | ND                 | 0.050      | C132957         |                                |            |                 |
| Total Magnesium (Mg)                                                                                                                                                      | mg/L         |                            |            |                 | ND                 | 0.050      | C132957         |                                |            |                 |
| Total Potassium (K)                                                                                                                                                       | mg/L         |                            |            |                 | ND                 | 0.050      | C132957         |                                |            |                 |
| Total Sodium (Na)                                                                                                                                                         | mg/L         |                            |            |                 | ND                 | 0.050      | C132957         |                                |            |                 |
| Total Sulphur (S)                                                                                                                                                         | mg/L         |                            |            |                 | ND                 | 3.0        | C132957         |                                |            |                 |
| RDL = Reportable Detection Limit<br>Lab-Dup = Laboratory Initiated Duplicate<br>ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |              |                            |            |                 |                    |            |                 |                                |            |                 |



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

|                          |              |                   |            |                 |                           |            |                 |            |            |                 |
|--------------------------|--------------|-------------------|------------|-----------------|---------------------------|------------|-----------------|------------|------------|-----------------|
| <b>Bureau Veritas ID</b> |              | DVK036            |            |                 | DVK036                    |            |                 | DVK037     |            |                 |
| <b>Sampling Date</b>     |              | 2025/10/21        |            |                 | 2025/10/21                |            |                 | 2025/10/21 |            |                 |
| <b>COC Number</b>        |              | 116653            |            |                 | 116653                    |            |                 | 116653     |            |                 |
|                          | <b>UNITS</b> | <b>Trip Blank</b> | <b>RDL</b> | <b>QC Batch</b> | <b>Trip Blank Lab-Dup</b> | <b>RDL</b> | <b>QC Batch</b> | <b>DUP</b> | <b>RDL</b> | <b>QC Batch</b> |

#### ANIONS

|              |      |    |       |         |  |  |  |  |  |  |
|--------------|------|----|-------|---------|--|--|--|--|--|--|
| Bromide (Br) | mg/L | ND | 0.010 | C138795 |  |  |  |  |  |  |
|--------------|------|----|-------|---------|--|--|--|--|--|--|

#### Dissolved Metals by ICPMS

|                          |      |    |       |         |  |  |  |      |       |         |
|--------------------------|------|----|-------|---------|--|--|--|------|-------|---------|
| Dissolved Calcium (Ca)   | mg/L | ND | 0.050 | C132951 |  |  |  | 22.2 | 0.050 | C132951 |
| Dissolved Magnesium (Mg) | mg/L | ND | 0.050 | C132951 |  |  |  | 1.03 | 0.050 | C132951 |
| Dissolved Potassium (K)  | mg/L | ND | 0.050 | C132951 |  |  |  | 2.74 | 0.050 | C132951 |
| Dissolved Sodium (Na)    | mg/L | ND | 0.050 | C132951 |  |  |  | 8.60 | 0.050 | C132951 |
| Dissolved Sulphur (S)    | mg/L | ND | 3.0   | C132951 |  |  |  | 4.3  | 3.0   | C132951 |

#### Lab Filtered Metals

|                           |      |    |        |         |  |  |  |        |        |         |
|---------------------------|------|----|--------|---------|--|--|--|--------|--------|---------|
| Dissolved Aluminum (Al)   | ug/L | ND | 0.50   | C136259 |  |  |  | 43.8   | 0.50   | C136259 |
| Dissolved Antimony (Sb)   | ug/L | ND | 0.020  | C136259 |  |  |  | 0.855  | 0.020  | C136259 |
| Dissolved Arsenic (As)    | ug/L | ND | 0.020  | C136259 |  |  |  | 1.35   | 0.020  | C136259 |
| Dissolved Barium (Ba)     | ug/L | ND | 0.020  | C136259 |  |  |  | 10.4   | 0.020  | C136259 |
| Dissolved Beryllium (Be)  | ug/L | ND | 0.010  | C136259 |  |  |  | ND     | 0.010  | C136259 |
| Dissolved Bismuth (Bi)    | ug/L | ND | 0.0050 | C136259 |  |  |  | ND     | 0.0050 | C136259 |
| Dissolved Boron (B)       | ug/L | ND | 10     | C136259 |  |  |  | 16     | 10     | C136259 |
| Dissolved Cadmium (Cd)    | ug/L | ND | 0.0050 | C136259 |  |  |  | 0.0118 | 0.0050 | C136259 |
| Dissolved Cesium (Cs)     | ug/L | ND | 0.050  | C136259 |  |  |  | ND     | 0.050  | C136259 |
| Dissolved Chromium (Cr)   | ug/L | ND | 0.10   | C136259 |  |  |  | ND     | 0.10   | C136259 |
| Dissolved Cobalt (Co)     | ug/L | ND | 0.0050 | C136259 |  |  |  | 0.0379 | 0.0050 | C136259 |
| Dissolved Copper (Cu)     | ug/L | ND | 0.050  | C136259 |  |  |  | 0.145  | 0.050  | C136259 |
| Dissolved Iron (Fe)       | ug/L | ND | 1.0    | C136259 |  |  |  | 1.0    | 1.0    | C136259 |
| Dissolved Lead (Pb)       | ug/L | ND | 0.0050 | C136259 |  |  |  | ND     | 0.0050 | C136259 |
| Dissolved Lithium (Li)    | ug/L | ND | 0.50   | C136259 |  |  |  | 7.16   | 0.50   | C136259 |
| Dissolved Manganese (Mn)  | ug/L | ND | 0.050  | C136259 |  |  |  | 29.4   | 0.050  | C136259 |
| Dissolved Molybdenum (Mo) | ug/L | ND | 0.050  | C136259 |  |  |  | 30.1   | 0.050  | C136259 |
| Dissolved Nickel (Ni)     | ug/L | ND | 0.020  | C136259 |  |  |  | 0.168  | 0.020  | C136259 |
| Dissolved Phosphorus (P)  | ug/L | ND | 2.0    | C136259 |  |  |  | 5.1    | 2.0    | C136259 |
| Dissolved Rubidium (Rb)   | ug/L | ND | 0.050  | C136259 |  |  |  | 5.03   | 0.050  | C136259 |
| Dissolved Selenium (Se)   | ug/L | ND | 0.040  | C136259 |  |  |  | 0.054  | 0.040  | C136259 |
| Dissolved Silicon (Si)    | ug/L | ND | 50     | C136259 |  |  |  | 6710   | 50     | C136259 |

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID                                                                         |       | DVK036     |        |          | DVK036             |        |          | DVK037     |        |          |
|-------------------------------------------------------------------------------------------|-------|------------|--------|----------|--------------------|--------|----------|------------|--------|----------|
| Sampling Date                                                                             |       | 2025/10/21 |        |          | 2025/10/21         |        |          | 2025/10/21 |        |          |
| COC Number                                                                                |       | 116653     |        |          | 116653             |        |          | 116653     |        |          |
|                                                                                           | UNITS | Trip Blank | RDL    | QC Batch | Trip Blank Lab-Dup | RDL    | QC Batch | DUP        | RDL    | QC Batch |
| Dissolved Silver (Ag)                                                                     | ug/L  | ND         | 0.0050 | C136259  |                    |        |          | ND         | 0.0050 | C136259  |
| Dissolved Strontium (Sr)                                                                  | ug/L  | ND         | 0.050  | C136259  |                    |        |          | 48.5       | 0.050  | C136259  |
| Dissolved Tellurium (Te)                                                                  | ug/L  | ND         | 0.020  | C136259  |                    |        |          | ND         | 0.020  | C136259  |
| Dissolved Thallium (Tl)                                                                   | ug/L  | ND         | 0.0020 | C136259  |                    |        |          | 0.0131     | 0.0020 | C136259  |
| Dissolved Thorium (Th)                                                                    | ug/L  | ND         | 0.0050 | C136259  |                    |        |          | ND         | 0.0050 | C136259  |
| Dissolved Tin (Sn)                                                                        | ug/L  | ND         | 0.20   | C136259  |                    |        |          | ND         | 0.20   | C136259  |
| Dissolved Titanium (Ti)                                                                   | ug/L  | ND         | 0.50   | C136259  |                    |        |          | ND         | 0.50   | C136259  |
| Dissolved Uranium (U)                                                                     | ug/L  | ND         | 0.0020 | C136259  |                    |        |          | 0.281      | 0.0020 | C136259  |
| Dissolved Vanadium (V)                                                                    | ug/L  | ND         | 0.20   | C136259  |                    |        |          | ND         | 0.20   | C136259  |
| Dissolved Zinc (Zn)                                                                       | ug/L  | ND         | 0.10   | C136259  |                    |        |          | 2.71       | 0.10   | C136259  |
| Dissolved Zirconium (Zr)                                                                  | ug/L  | ND         | 0.10   | C136259  |                    |        |          | ND         | 0.10   | C136259  |
| <b>Total Metals by ICPMS</b>                                                              |       |            |        |          |                    |        |          |            |        |          |
| Total Aluminum (Al)                                                                       | ug/L  | ND         | 0.50   | C134197  | ND                 | 0.50   | C134197  | 286        | 3.0    | C134275  |
| Total Antimony (Sb)                                                                       | ug/L  | ND         | 0.020  | C134197  | ND                 | 0.020  | C134197  | 0.753      | 0.020  | C134275  |
| Total Arsenic (As)                                                                        | ug/L  | ND         | 0.020  | C134197  | ND                 | 0.020  | C134197  | 1.29       | 0.020  | C134275  |
| Total Barium (Ba)                                                                         | ug/L  | ND         | 0.020  | C134197  | 0.029              | 0.020  | C134197  | 11.8       | 0.050  | C134275  |
| Total Beryllium (Be)                                                                      | ug/L  | ND         | 0.010  | C134197  | ND                 | 0.010  | C134197  | ND         | 0.010  | C134275  |
| Total Bismuth (Bi)                                                                        | ug/L  | ND         | 0.0050 | C134197  | ND                 | 0.0050 | C134197  | ND         | 0.010  | C134275  |
| Total Boron (B)                                                                           | ug/L  | ND         | 10     | C134197  | ND                 | 10     | C134197  | 16         | 10     | C134275  |
| Total Cadmium (Cd)                                                                        | ug/L  | ND         | 0.0050 | C134197  | ND                 | 0.0050 | C134197  | 0.0096     | 0.0050 | C134275  |
| Total Cesium (Cs)                                                                         | ug/L  | ND         | 0.050  | C134197  | ND                 | 0.050  | C134197  | ND         | 0.050  | C134275  |
| Total Chromium (Cr)                                                                       | ug/L  | ND         | 0.10   | C134197  | ND                 | 0.10   | C134197  | ND         | 0.10   | C134275  |
| Total Cobalt (Co)                                                                         | ug/L  | ND         | 0.0050 | C134197  | ND                 | 0.0050 | C134197  | 0.053      | 0.010  | C134275  |
| Total Copper (Cu)                                                                         | ug/L  | ND         | 0.050  | C134197  | ND                 | 0.050  | C134197  | 0.45       | 0.10   | C134275  |
| Total Iron (Fe)                                                                           | ug/L  | ND         | 1.0    | C134197  | ND                 | 1.0    | C134197  | 150        | 5.0    | C134275  |
| Total Lead (Pb)                                                                           | ug/L  | ND         | 0.0050 | C134197  | ND                 | 0.0050 | C134197  | 0.061      | 0.020  | C134275  |
| Total Lithium (Li)                                                                        | ug/L  | ND         | 0.50   | C134197  | ND                 | 0.50   | C134197  | 6.28       | 0.50   | C134275  |
| Total Manganese (Mn)                                                                      | ug/L  | ND         | 0.050  | C134197  | ND                 | 0.050  | C134197  | 29.3       | 0.10   | C134275  |
| Total Molybdenum (Mo)                                                                     | ug/L  | ND         | 0.050  | C134197  | ND                 | 0.050  | C134197  | 26.0       | 0.050  | C134275  |
| Total Nickel (Ni)                                                                         | ug/L  | ND         | 0.020  | C134197  | ND                 | 0.020  | C134197  | 0.19       | 0.10   | C134275  |
| Total Phosphorus (P)                                                                      | ug/L  | ND         | 2.0    | C134197  | ND                 | 2.0    | C134197  | 8.4        | 5.0    | C134275  |
| RDL = Reportable Detection Limit                                                          |       |            |        |          |                    |        |          |            |        |          |
| Lab-Dup = Laboratory Initiated Duplicate                                                  |       |            |        |          |                    |        |          |            |        |          |
| ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |       |            |        |          |                    |        |          |            |        |          |



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID                                                                         |       | DVK036     |        |          | DVK036             |        |          | DVK037     |        |          |
|-------------------------------------------------------------------------------------------|-------|------------|--------|----------|--------------------|--------|----------|------------|--------|----------|
| Sampling Date                                                                             |       | 2025/10/21 |        |          | 2025/10/21         |        |          | 2025/10/21 |        |          |
| COC Number                                                                                |       | 116653     |        |          | 116653             |        |          | 116653     |        |          |
|                                                                                           | UNITS | Trip Blank | RDL    | QC Batch | Trip Blank Lab-Dup | RDL    | QC Batch | DUP        | RDL    | QC Batch |
| Total Rubidium (Rb)                                                                       | ug/L  | ND         | 0.050  | C134197  | ND                 | 0.050  | C134197  | 4.74       | 0.050  | C134275  |
| Total Selenium (Se)                                                                       | ug/L  | ND         | 0.040  | C134197  | ND                 | 0.040  | C134197  | 0.042      | 0.040  | C134275  |
| Total Silicon (Si)                                                                        | ug/L  | ND         | 50     | C134197  | ND                 | 50     | C134197  | 6070       | 50     | C134275  |
| Total Silver (Ag)                                                                         | ug/L  | ND         | 0.0050 | C134197  | ND                 | 0.0050 | C134197  | ND         | 0.010  | C134275  |
| Total Strontium (Sr)                                                                      | ug/L  | ND         | 0.050  | C134197  | ND                 | 0.050  | C134197  | 43.2       | 0.050  | C134275  |
| Total Tellurium (Te)                                                                      | ug/L  | ND         | 0.020  | C134197  | ND                 | 0.020  | C134197  | ND         | 0.020  | C134275  |
| Total Thallium (Tl)                                                                       | ug/L  | ND         | 0.0020 | C134197  | ND                 | 0.0020 | C134197  | 0.0135     | 0.0020 | C134275  |
| Total Thorium (Th)                                                                        | ug/L  | ND         | 0.050  | C134197  | ND                 | 0.050  | C134197  | ND         | 0.050  | C134275  |
| Total Tin (Sn)                                                                            | ug/L  | ND         | 0.20   | C134197  | ND                 | 0.20   | C134197  | ND         | 0.20   | C134275  |
| Total Titanium (Ti)                                                                       | ug/L  | ND         | 0.50   | C134197  | ND                 | 0.50   | C134197  | 8.2        | 2.0    | C134275  |
| Total Uranium (U)                                                                         | ug/L  | ND         | 0.0020 | C134197  | ND                 | 0.0020 | C134197  | 0.370      | 0.0050 | C134275  |
| Total Vanadium (V)                                                                        | ug/L  | ND         | 0.20   | C134197  | ND                 | 0.20   | C134197  | 0.21       | 0.20   | C134275  |
| Total Zinc (Zn)                                                                           | ug/L  | 0.32       | 0.10   | C134197  | 0.44               | 0.10   | C134197  | 3.1        | 1.0    | C134275  |
| Total Zirconium (Zr)                                                                      | ug/L  | ND         | 0.10   | C134197  | ND                 | 0.10   | C134197  | ND         | 0.10   | C134275  |
| Total Calcium (Ca)                                                                        | mg/L  | ND         | 0.050  | C132957  |                    |        |          | 20.0       | 0.25   | C132957  |
| Total Magnesium (Mg)                                                                      | mg/L  | ND         | 0.050  | C132957  |                    |        |          | 0.93       | 0.25   | C132957  |
| Total Potassium (K)                                                                       | mg/L  | ND         | 0.050  | C132957  |                    |        |          | 2.43       | 0.25   | C132957  |
| Total Sodium (Na)                                                                         | mg/L  | ND         | 0.050  | C132957  |                    |        |          | 7.57       | 0.25   | C132957  |
| Total Sulphur (S)                                                                         | mg/L  | ND         | 3.0    | C132957  |                    |        |          | 4.0        | 3.0    | C132957  |
| RDL = Reportable Detection Limit                                                          |       |            |        |          |                    |        |          |            |        |          |
| Lab-Dup = Laboratory Initiated Duplicate                                                  |       |            |        |          |                    |        |          |            |        |          |
| ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |       |            |        |          |                    |        |          |            |        |          |



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

MISCELLANEOUS (WATER)

|                                                                                           |       |            |            |            |            |            |            |        |          |
|-------------------------------------------------------------------------------------------|-------|------------|------------|------------|------------|------------|------------|--------|----------|
| Bureau Veritas ID                                                                         |       | DVK030     | DVK031     | DVK032     | DVK033     | DVK034     | DVK037     |        |          |
| Sampling Date                                                                             |       | 2025/10/21 | 2025/10/21 | 2025/10/21 | 2025/10/21 | 2025/10/21 | 2025/10/21 |        |          |
| COC Number                                                                                |       | 116653     | 116653     | 116653     | 116653     | 116653     | 116653     |        |          |
|                                                                                           | UNITS | WLNG-DS    | WLNG -EOP  | WLNG-US    | SQRI-US    | SQRI-DS    | DUP        | RDL    | QC Batch |
| Calculated Parameters                                                                     |       |            |            |            |            |            |            |        |          |
| Total Un-ionized Hydrogen Sulfide as S                                                    | mg/L  | ND         | ND         | ND         | ND         | ND         | ND         | 0.0018 | C133155  |
| Total Un-ionized Hydrogen Sulfide as H2S                                                  | mg/L  | ND         | ND         | ND         | ND         | ND         | ND         | 0.0019 | C133155  |
| RDL = Reportable Detection Limit                                                          |       |            |            |            |            |            |            |        |          |
| ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |       |            |            |            |            |            |            |        |          |





### LEPH & HEPH WITH CSR/CCME PAH IN WATER (WATER)

|                                                                                                                               |              |                  |            |            |                 |
|-------------------------------------------------------------------------------------------------------------------------------|--------------|------------------|------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                                                      |              | DVK031           | DVK037     |            |                 |
| <b>Sampling Date</b>                                                                                                          |              | 2025/10/21       | 2025/10/21 |            |                 |
| <b>COC Number</b>                                                                                                             |              | 116653           | 116653     |            |                 |
|                                                                                                                               | <b>UNITS</b> | <b>WLNG -EOP</b> | <b>DUP</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>Calculated Parameters</b>                                                                                                  |              |                  |            |            |                 |
| Low Molecular Weight PAH's                                                                                                    | ug/L         | ND               | ND         | 0.10       | C132613         |
| High Molecular Weight PAH's                                                                                                   | ug/L         | ND               | ND         | 0.050      | C132613         |
| Total PAH                                                                                                                     | ug/L         | ND               | ND         | 0.10       | C132613         |
| <b>Polycyclic Aromatics</b>                                                                                                   |              |                  |            |            |                 |
| Quinoline                                                                                                                     | ug/L         | ND               | ND         | 0.020      | C139997         |
| Naphthalene                                                                                                                   | ug/L         | ND               | ND         | 0.10       | C139997         |
| 1-Methylnaphthalene                                                                                                           | ug/L         | ND               | ND         | 0.050      | C139997         |
| 2-Methylnaphthalene                                                                                                           | ug/L         | ND               | ND         | 0.10       | C139997         |
| Acenaphthylene                                                                                                                | ug/L         | ND               | ND         | 0.050      | C139997         |
| Acenaphthene                                                                                                                  | ug/L         | ND               | ND         | 0.050      | C139997         |
| Fluorene                                                                                                                      | ug/L         | ND               | ND         | 0.050      | C139997         |
| Phenanthrene                                                                                                                  | ug/L         | ND               | ND         | 0.050      | C139997         |
| Anthracene                                                                                                                    | ug/L         | ND               | ND         | 0.010      | C139997         |
| Acridine                                                                                                                      | ug/L         | ND               | ND         | 0.050      | C139997         |
| Fluoranthene                                                                                                                  | ug/L         | ND               | ND         | 0.020      | C139997         |
| Pyrene                                                                                                                        | ug/L         | ND               | ND         | 0.020      | C139997         |
| Benzo(a)anthracene                                                                                                            | ug/L         | ND               | ND         | 0.010      | C139997         |
| Chrysene                                                                                                                      | ug/L         | ND               | ND         | 0.020      | C139997         |
| Benzo(b&j)fluoranthene                                                                                                        | ug/L         | ND               | ND         | 0.030      | C139997         |
| Benzo(k)fluoranthene                                                                                                          | ug/L         | ND               | ND         | 0.050      | C139997         |
| Benzo(a)pyrene                                                                                                                | ug/L         | ND               | ND         | 0.0050     | C139997         |
| Indeno(1,2,3-cd)pyrene                                                                                                        | ug/L         | ND               | ND         | 0.050      | C139997         |
| Dibenz(a,h)anthracene                                                                                                         | ug/L         | ND               | ND         | 0.0030     | C139997         |
| Benzo(g,h,i)perylene                                                                                                          | ug/L         | ND               | ND         | 0.050      | C139997         |
| <b>Calculated Parameters</b>                                                                                                  |              |                  |            |            |                 |
| LEPH (C10-C19 less PAH)                                                                                                       | mg/L         | ND               | ND         | 0.20       | C132648         |
| HEPH (C19-C32 less PAH)                                                                                                       | mg/L         | ND               | ND         | 0.20       | C132648         |
| <b>Ext. Pet. Hydrocarbon</b>                                                                                                  |              |                  |            |            |                 |
| EPH (C10-C19)                                                                                                                 | mg/L         | ND               | ND         | 0.20       | C140007         |
| EPH (C19-C32)                                                                                                                 | mg/L         | ND               | ND         | 0.20       | C140007         |
| RDL = Reportable Detection Limit<br>ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |              |                  |            |            |                 |



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

**LEPH & HEPH WITH CSR/CCME PAH IN WATER (WATER)**

|                                  |              |                  |            |            |                 |
|----------------------------------|--------------|------------------|------------|------------|-----------------|
| <b>Bureau Veritas ID</b>         |              | DVK031           | DVK037     |            |                 |
| <b>Sampling Date</b>             |              | 2025/10/21       | 2025/10/21 |            |                 |
| <b>COC Number</b>                |              | 116653           | 116653     |            |                 |
|                                  | <b>UNITS</b> | <b>WLNG -EOP</b> | <b>DUP</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>Surrogate Recovery (%)</b>    |              |                  |            |            |                 |
| O-TERPHENYL (sur.)               | %            | 106              | 104        |            | C140007         |
| D10-ANTHRACENE (sur.)            | %            | 91               | 94         |            | C139997         |
| D8-ACENAPHTHYLENE (sur.)         | %            | 88               | 91         |            | C139997         |
| D8-NAPHTHALENE (sur.)            | %            | 80               | 83         |            | C139997         |
| TERPHENYL-D14 (sur.)             | %            | 81               | 80         |            | C139997         |
| RDL = Reportable Detection Limit |              |                  |            |            |                 |



### CSR VOC + VPH IN WATER (WATER)

|                                                                                           |              |                  |            |            |                 |
|-------------------------------------------------------------------------------------------|--------------|------------------|------------|------------|-----------------|
| <b>Bureau Veritas ID</b>                                                                  |              | DVK031           | DVK037     |            |                 |
| <b>Sampling Date</b>                                                                      |              | 2025/10/21       | 2025/10/21 |            |                 |
| <b>COC Number</b>                                                                         |              | 116653           | 116653     |            |                 |
|                                                                                           | <b>UNITS</b> | <b>WLNG -EOP</b> | <b>DUP</b> | <b>RDL</b> | <b>QC Batch</b> |
| <b>Calculated Parameters</b>                                                              |              |                  |            |            |                 |
| VPH (VH6 to 10 - BTEX)                                                                    | ug/L         | ND               | ND         | 300        | C132651         |
| <b>Volatiles</b>                                                                          |              |                  |            |            |                 |
| VH C6-C10                                                                                 | ug/L         | ND               | ND         | 300        | C134636         |
| 1,1,1,2-tetrachloroethane                                                                 | ug/L         | ND               | ND         | 0.50       | C134636         |
| 1,1,1-trichloroethane                                                                     | ug/L         | ND               | ND         | 0.50       | C134636         |
| 1,1,2,2-tetrachloroethane                                                                 | ug/L         | ND               | ND         | 0.50       | C134636         |
| 1,1,2Trichloro-1,2,2Trifluoroethane                                                       | ug/L         | ND               | ND         | 2.0        | C134636         |
| 1,1,2-trichloroethane                                                                     | ug/L         | ND               | ND         | 0.50       | C134636         |
| 1,1-dichloroethane                                                                        | ug/L         | ND               | ND         | 0.50       | C134636         |
| 1,1-dichloroethene                                                                        | ug/L         | ND               | ND         | 0.50       | C134636         |
| 1,2,3-trichlorobenzene                                                                    | ug/L         | ND               | ND         | 2.0        | C134636         |
| 1,2,4-trichlorobenzene                                                                    | ug/L         | ND               | ND         | 2.0        | C134636         |
| 1,2-dibromoethane                                                                         | ug/L         | ND               | ND         | 0.20       | C134636         |
| 1,2-dichlorobenzene                                                                       | ug/L         | ND               | ND         | 0.50       | C134636         |
| 1,2-dichloroethane                                                                        | ug/L         | ND               | ND         | 0.50       | C134636         |
| 1,2-dichloropropane                                                                       | ug/L         | ND               | ND         | 0.50       | C134636         |
| 1,3,5-trimethylbenzene                                                                    | ug/L         | ND               | ND         | 2.0        | C134636         |
| 1,3-Butadiene                                                                             | ug/L         | ND               | ND         | 0.50       | C134636         |
| 1,3-dichlorobenzene                                                                       | ug/L         | ND               | ND         | 0.50       | C134636         |
| 1,3-dichloropropane                                                                       | ug/L         | ND               | ND         | 1.0        | C134636         |
| 1,4-dichlorobenzene                                                                       | ug/L         | ND               | ND         | 0.50       | C134636         |
| Benzene                                                                                   | ug/L         | ND               | ND         | 0.40       | C134636         |
| Bromobenzene                                                                              | ug/L         | ND               | ND         | 2.0        | C134636         |
| Bromodichloromethane                                                                      | ug/L         | ND               | ND         | 1.0        | C134636         |
| Bromoform                                                                                 | ug/L         | ND               | ND         | 1.0        | C134636         |
| Bromomethane                                                                              | ug/L         | ND               | ND         | 1.0        | C134636         |
| Carbon tetrachloride                                                                      | ug/L         | ND               | ND         | 0.50       | C134636         |
| Chlorobenzene                                                                             | ug/L         | ND               | ND         | 0.50       | C134636         |
| Dibromochloromethane                                                                      | ug/L         | ND               | ND         | 1.0        | C134636         |
| Chloroethane                                                                              | ug/L         | ND               | ND         | 1.0        | C134636         |
| Chloroform                                                                                | ug/L         | ND               | ND         | 1.0        | C134636         |
| RDL = Reportable Detection Limit                                                          |              |                  |            |            |                 |
| ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |              |                  |            |            |                 |



### CSR VOC + VPH IN WATER (WATER)

| Bureau Veritas ID                                                                                                             |       | DVK031     | DVK037     |      |          |
|-------------------------------------------------------------------------------------------------------------------------------|-------|------------|------------|------|----------|
| Sampling Date                                                                                                                 |       | 2025/10/21 | 2025/10/21 |      |          |
| COC Number                                                                                                                    |       | 116653     | 116653     |      |          |
|                                                                                                                               | UNITS | WLNG -EOP  | DUP        | RDL  | QC Batch |
| Chloromethane                                                                                                                 | ug/L  | ND         | ND         | 1.0  | C134636  |
| cis-1,2-dichloroethene                                                                                                        | ug/L  | ND         | ND         | 1.0  | C134636  |
| cis-1,3-dichloropropene                                                                                                       | ug/L  | ND         | ND         | 1.0  | C134636  |
| Dichlorodifluoromethane                                                                                                       | ug/L  | ND         | ND         | 2.0  | C134636  |
| Dichloromethane                                                                                                               | ug/L  | ND         | ND         | 2.0  | C134636  |
| Ethylbenzene                                                                                                                  | ug/L  | ND         | ND         | 0.40 | C134636  |
| Hexachlorobutadiene                                                                                                           | ug/L  | ND         | ND         | 0.50 | C134636  |
| Isopropylbenzene                                                                                                              | ug/L  | ND         | ND         | 2.0  | C134636  |
| Methyl-tert-butylether (MTBE)                                                                                                 | ug/L  | ND         | ND         | 4.0  | C134636  |
| Styrene                                                                                                                       | ug/L  | ND         | ND         | 0.50 | C134636  |
| Tetrachloroethene                                                                                                             | ug/L  | ND         | ND         | 0.50 | C134636  |
| Toluene                                                                                                                       | ug/L  | ND         | ND         | 0.40 | C134636  |
| trans-1,2-dichloroethene                                                                                                      | ug/L  | ND         | ND         | 1.0  | C134636  |
| trans-1,3-dichloropropene                                                                                                     | ug/L  | ND         | ND         | 1.0  | C134636  |
| Trichloroethene                                                                                                               | ug/L  | ND         | ND         | 0.50 | C134636  |
| Trichlorofluoromethane                                                                                                        | ug/L  | ND         | ND         | 4.0  | C134636  |
| Vinyl chloride                                                                                                                | ug/L  | ND         | ND         | 0.50 | C134636  |
| m & p-Xylene                                                                                                                  | ug/L  | ND         | ND         | 0.40 | C134636  |
| o-Xylene                                                                                                                      | ug/L  | ND         | ND         | 0.40 | C134636  |
| Xylenes (Total)                                                                                                               | ug/L  | ND         | ND         | 0.40 | C134636  |
| <b>Surrogate Recovery (%)</b>                                                                                                 |       |            |            |      |          |
| 1,4-Difluorobenzene (sur.)                                                                                                    | %     | 102        | 102        |      | C134636  |
| 4-Bromofluorobenzene (sur.)                                                                                                   | %     | 89         | 88         |      | C134636  |
| D4-1,2-Dichloroethane (sur.)                                                                                                  | %     | 102        | 103        |      | C134636  |
| RDL = Reportable Detection Limit<br>ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. |       |            |            |      |          |



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

**GENERAL COMMENTS**

Results relate only to the items tested.



Bureau Veritas Job #: C588134  
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HATFIELD CONSULTANTS  
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Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT

| QA/QC Batch | Init | QC Type                  | Parameter              | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|-------------|------|--------------------------|------------------------|---------------|-------------------|----------|-------|-----------|
| C133621     | VMP  | Matrix Spike             | Total Suspended Solids | 2025/10/23    |                   | 103      | %     | 80 - 120  |
| C133621     | VMP  | Spiked Blank             | Total Suspended Solids | 2025/10/23    |                   | 98       | %     | 80 - 120  |
| C133621     | VMP  | Method Blank             | Total Suspended Solids | 2025/10/23    | ND,<br>RDL=1.0    |          | mg/L  |           |
| C133621     | VMP  | RPD                      | Total Suspended Solids | 2025/10/23    | 0                 |          | %     | 20        |
| C133738     | IC4  | Matrix Spike [DVK030-09] | Dissolved Mercury (Hg) | 2025/10/23    |                   | 91       | %     | 80 - 120  |
| C133738     | IC4  | Spiked Blank             | Dissolved Mercury (Hg) | 2025/10/23    |                   | 91       | %     | 80 - 120  |
| C133738     | IC4  | Method Blank             | Dissolved Mercury (Hg) | 2025/10/23    | ND,<br>RDL=0.0019 |          | ug/L  |           |
| C133738     | IC4  | RPD [DVK030-09]          | Dissolved Mercury (Hg) | 2025/10/23    | NC                |          | %     | 20        |
| C134197     | AA1  | Matrix Spike [DVK035-06] | Total Aluminum (Al)    | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|             |      |                          | Total Antimony (Sb)    | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|             |      |                          | Total Arsenic (As)     | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|             |      |                          | Total Barium (Ba)      | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|             |      |                          | Total Beryllium (Be)   | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|             |      |                          | Total Bismuth (Bi)     | 2025/10/24    |                   | 97       | %     | 80 - 120  |
|             |      |                          | Total Boron (B)        | 2025/10/24    |                   | 98       | %     | 80 - 120  |
|             |      |                          | Total Cadmium (Cd)     | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|             |      |                          | Total Cesium (Cs)      | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|             |      |                          | Total Chromium (Cr)    | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|             |      |                          | Total Cobalt (Co)      | 2025/10/24    |                   | 97       | %     | 80 - 120  |
|             |      |                          | Total Copper (Cu)      | 2025/10/24    |                   | 98       | %     | 80 - 120  |
|             |      |                          | Total Iron (Fe)        | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|             |      |                          | Total Lead (Pb)        | 2025/10/24    |                   | 96       | %     | 80 - 120  |
|             |      |                          | Total Lithium (Li)     | 2025/10/24    |                   | 98       | %     | 80 - 120  |
|             |      |                          | Total Manganese (Mn)   | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|             |      |                          | Total Molybdenum (Mo)  | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|             |      |                          | Total Nickel (Ni)      | 2025/10/24    |                   | 98       | %     | 80 - 120  |
|             |      |                          | Total Phosphorus (P)   | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|             |      |                          | Total Rubidium (Rb)    | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|             |      |                          | Total Selenium (Se)    | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|             |      |                          | Total Silicon (Si)     | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|             |      |                          | Total Silver (Ag)      | 2025/10/24    |                   | 97       | %     | 80 - 120  |
|             |      |                          | Total Strontium (Sr)   | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|             |      |                          | Total Tellurium (Te)   | 2025/10/24    |                   | 105      | %     | 80 - 120  |
|             |      |                          | Total Thallium (Tl)    | 2025/10/24    |                   | 97       | %     | 80 - 120  |
|             |      |                          | Total Thorium (Th)     | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|             |      |                          | Total Tin (Sn)         | 2025/10/24    |                   | 97       | %     | 80 - 120  |
|             |      |                          | Total Titanium (Ti)    | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|             |      |                          | Total Uranium (U)      | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|             |      |                          | Total Vanadium (V)     | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|             |      |                          | Total Zinc (Zn)        | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|             |      |                          | Total Zirconium (Zr)   | 2025/10/24    |                   | 100      | %     | 80 - 120  |
| C134197     | AA1  | Spiked Blank             | Total Aluminum (Al)    | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|             |      |                          | Total Antimony (Sb)    | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|             |      |                          | Total Arsenic (As)     | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|             |      |                          | Total Barium (Ba)      | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|             |      |                          | Total Beryllium (Be)   | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|             |      |                          | Total Bismuth (Bi)     | 2025/10/24    |                   | 98       | %     | 80 - 120  |
|             |      |                          | Total Boron (B)        | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|             |      |                          | Total Cadmium (Cd)     | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|             |      |                          | Total Cesium (Cs)      | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|             |      |                          | Total Chromium (Cr)    | 2025/10/24    |                   | 103      | %     | 80 - 120  |



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HATFIELD CONSULTANTS  
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Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type      | Parameter             | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|----------------|------|--------------|-----------------------|---------------|-------------------|----------|-------|-----------|
| C134197        | AA1  | Method Blank | Total Cobalt (Co)     | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |              | Total Copper (Cu)     | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |              | Total Iron (Fe)       | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |              | Total Lead (Pb)       | 2025/10/24    |                   | 98       | %     | 80 - 120  |
|                |      |              | Total Lithium (Li)    | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |              | Total Manganese (Mn)  | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |              | Total Molybdenum (Mo) | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |              | Total Nickel (Ni)     | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |              | Total Phosphorus (P)  | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |              | Total Rubidium (Rb)   | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |              | Total Selenium (Se)   | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |              | Total Silicon (Si)    | 2025/10/24    |                   | 105      | %     | 80 - 120  |
|                |      |              | Total Silver (Ag)     | 2025/10/24    |                   | 98       | %     | 80 - 120  |
|                |      |              | Total Strontium (Sr)  | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |              | Total Tellurium (Te)  | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |              | Total Thallium (Tl)   | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |              | Total Thorium (Th)    | 2025/10/24    |                   | 105      | %     | 80 - 120  |
|                |      |              | Total Tin (Sn)        | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |              | Total Titanium (Ti)   | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |              | Total Uranium (U)     | 2025/10/24    |                   | 106      | %     | 80 - 120  |
|                |      |              | Total Vanadium (V)    | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |              | Total Zinc (Zn)       | 2025/10/24    |                   | 108      | %     | 80 - 120  |
|                |      |              | Total Zirconium (Zr)  | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |              | Total Aluminum (Al)   | 2025/10/24    | ND,<br>RDL=0.50   |          | ug/L  |           |
|                |      |              | Total Antimony (Sb)   | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |              | Total Arsenic (As)    | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |              | Total Barium (Ba)     | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |              | Total Beryllium (Be)  | 2025/10/24    | ND,<br>RDL=0.010  |          | ug/L  |           |
|                |      |              | Total Bismuth (Bi)    | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |              | Total Boron (B)       | 2025/10/24    | ND,<br>RDL=10     |          | ug/L  |           |
|                |      |              | Total Cadmium (Cd)    | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |              | Total Cesium (Cs)     | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |              | Total Chromium (Cr)   | 2025/10/24    | ND,<br>RDL=0.10   |          | ug/L  |           |
|                |      |              | Total Cobalt (Co)     | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |              | Total Copper (Cu)     | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |              | Total Iron (Fe)       | 2025/10/24    | ND,<br>RDL=1.0    |          | ug/L  |           |
|                |      |              | Total Lead (Pb)       | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |              | Total Lithium (Li)    | 2025/10/24    | ND,<br>RDL=0.50   |          | ug/L  |           |



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Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type         | Parameter             | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|----------------|------|-----------------|-----------------------|---------------|-------------------|----------|-------|-----------|
| C134197        | AA1  | RPD [DVK035-06] | Total Manganese (Mn)  | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |                 | Total Molybdenum (Mo) | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |                 | Total Nickel (Ni)     | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |                 | Total Phosphorus (P)  | 2025/10/24    | ND,<br>RDL=2.0    |          | ug/L  |           |
|                |      |                 | Total Rubidium (Rb)   | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |                 | Total Selenium (Se)   | 2025/10/24    | ND,<br>RDL=0.040  |          | ug/L  |           |
|                |      |                 | Total Silicon (Si)    | 2025/10/24    | ND,<br>RDL=50     |          | ug/L  |           |
|                |      |                 | Total Silver (Ag)     | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |                 | Total Strontium (Sr)  | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |                 | Total Tellurium (Te)  | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |                 | Total Thallium (Tl)   | 2025/10/24    | ND,<br>RDL=0.0020 |          | ug/L  |           |
|                |      |                 | Total Thorium (Th)    | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |                 | Total Tin (Sn)        | 2025/10/24    | ND,<br>RDL=0.20   |          | ug/L  |           |
|                |      |                 | Total Titanium (Ti)   | 2025/10/24    | ND,<br>RDL=0.50   |          | ug/L  |           |
|                |      |                 | Total Uranium (U)     | 2025/10/24    | ND,<br>RDL=0.0020 |          | ug/L  |           |
|                |      |                 | Total Vanadium (V)    | 2025/10/24    | ND,<br>RDL=0.20   |          | ug/L  |           |
|                |      |                 | Total Zinc (Zn)       | 2025/10/24    | ND,<br>RDL=0.10   |          | ug/L  |           |
|                |      |                 | Total Zirconium (Zr)  | 2025/10/24    | ND,<br>RDL=0.10   |          | ug/L  |           |
|                |      |                 | Total Aluminum (Al)   | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Antimony (Sb)   | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Arsenic (As)    | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Barium (Ba)     | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Beryllium (Be)  | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Bismuth (Bi)    | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Boron (B)       | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Cadmium (Cd)    | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Cesium (Cs)     | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Chromium (Cr)   | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Cobalt (Co)     | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Copper (Cu)     | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Iron (Fe)       | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Lead (Pb)       | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Lithium (Li)    | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Manganese (Mn)  | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Molybdenum (Mo) | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Total Nickel (Ni)     | 2025/10/24    | NC                |          | %     | 20        |





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Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type         | Parameter              | Date Analyzed | Value          | Recovery | UNITS | QC Limits |
|----------------|------|-----------------|------------------------|---------------|----------------|----------|-------|-----------|
| C134197        | AA1  | RPD [DVK036-06] | Total Phosphorus (P)   | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Rubidium (Rb)    | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Selenium (Se)    | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Silicon (Si)     | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Silver (Ag)      | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Strontium (Sr)   | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Tellurium (Te)   | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Thallium (Tl)    | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Thorium (Th)     | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Tin (Sn)         | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Titanium (Ti)    | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Uranium (U)      | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Vanadium (V)     | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Zinc (Zn)        | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Zirconium (Zr)   | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Aluminum (Al)    | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Antimony (Sb)    | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Arsenic (As)     | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Barium (Ba)      | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Beryllium (Be)   | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Bismuth (Bi)     | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Boron (B)        | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Cadmium (Cd)     | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Cesium (Cs)      | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Chromium (Cr)    | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Cobalt (Co)      | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Copper (Cu)      | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Iron (Fe)        | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Lead (Pb)        | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Lithium (Li)     | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Manganese (Mn)   | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Molybdenum (Mo)  | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Nickel (Ni)      | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Phosphorus (P)   | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Rubidium (Rb)    | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Selenium (Se)    | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Silicon (Si)     | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Silver (Ag)      | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Strontium (Sr)   | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Tellurium (Te)   | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Thallium (Tl)    | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Thorium (Th)     | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Tin (Sn)         | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Titanium (Ti)    | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Uranium (U)      | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Vanadium (V)     | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Zinc (Zn)        | 2025/10/24    | NC             |          | %     | 20        |
|                |      |                 | Total Zirconium (Zr)   | 2025/10/24    | NC             |          | %     | 20        |
| C134206        | VMP  | Matrix Spike    | Total Suspended Solids | 2025/10/24    |                | 103      | %     | 80 - 120  |
| C134206        | VMP  | Spiked Blank    | Total Suspended Solids | 2025/10/24    |                | 103      | %     | 80 - 120  |
| C134206        | VMP  | Method Blank    | Total Suspended Solids | 2025/10/24    | ND,<br>RDL=1.0 |          | mg/L  |           |
| C134206        | VMP  | RPD             | Total Suspended Solids | 2025/10/24    | NC             |          | %     | 20        |



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HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type      | Parameter                    | Date Analyzed | Value           | Recovery | UNITS | QC Limits |
|----------------|------|--------------|------------------------------|---------------|-----------------|----------|-------|-----------|
| C134226        | BTM  | Matrix Spike | Dissolved Organic Carbon (C) | 2025/10/23    |                 | 93       | %     | 80 - 120  |
| C134226        | BTM  | Spiked Blank | Dissolved Organic Carbon (C) | 2025/10/23    |                 | 97       | %     | 80 - 120  |
| C134226        | BTM  | Method Blank | Dissolved Organic Carbon (C) | 2025/10/23    | ND,<br>RDL=0.50 |          | mg/L  |           |
| C134226        | BTM  | RPD          | Dissolved Organic Carbon (C) | 2025/10/23    | 3.7             |          | %     | 20        |
| C134251        | AA1  | Matrix Spike | Dissolved Aluminum (Al)      | 2025/10/23    |                 | 101      | %     | 80 - 120  |
|                |      |              | Dissolved Antimony (Sb)      | 2025/10/23    |                 | 101      | %     | 80 - 120  |
|                |      |              | Dissolved Arsenic (As)       | 2025/10/23    |                 | 104      | %     | 80 - 120  |
|                |      |              | Dissolved Barium (Ba)        | 2025/10/23    |                 | 95       | %     | 80 - 120  |
|                |      |              | Dissolved Beryllium (Be)     | 2025/10/23    |                 | 98       | %     | 80 - 120  |
|                |      |              | Dissolved Bismuth (Bi)       | 2025/10/23    |                 | 92       | %     | 80 - 120  |
|                |      |              | Dissolved Boron (B)          | 2025/10/23    |                 | 101      | %     | 80 - 120  |
|                |      |              | Dissolved Cadmium (Cd)       | 2025/10/23    |                 | 101      | %     | 80 - 120  |
|                |      |              | Dissolved Cesium (Cs)        | 2025/10/23    |                 | 99       | %     | 80 - 120  |
|                |      |              | Dissolved Chromium (Cr)      | 2025/10/23    |                 | 94       | %     | 80 - 120  |
|                |      |              | Dissolved Cobalt (Co)        | 2025/10/23    |                 | 86       | %     | 80 - 120  |
|                |      |              | Dissolved Copper (Cu)        | 2025/10/23    |                 | 89       | %     | 80 - 120  |
|                |      |              | Dissolved Iron (Fe)          | 2025/10/23    |                 | 100      | %     | 80 - 120  |
|                |      |              | Dissolved Lead (Pb)          | 2025/10/23    |                 | 92       | %     | 80 - 120  |
|                |      |              | Dissolved Lithium (Li)       | 2025/10/23    |                 | 98       | %     | 80 - 120  |
|                |      |              | Dissolved Manganese (Mn)     | 2025/10/23    |                 | 93       | %     | 80 - 120  |
|                |      |              | Dissolved Molybdenum (Mo)    | 2025/10/23    |                 | 105      | %     | 80 - 120  |
|                |      |              | Dissolved Nickel (Ni)        | 2025/10/23    |                 | 89       | %     | 80 - 120  |
|                |      |              | Dissolved Phosphorus (P)     | 2025/10/23    |                 | 109      | %     | 80 - 120  |
|                |      |              | Dissolved Rubidium (Rb)      | 2025/10/23    |                 | 98       | %     | 80 - 120  |
|                |      |              | Dissolved Selenium (Se)      | 2025/10/23    |                 | 97       | %     | 80 - 120  |
|                |      |              | Dissolved Silicon (Si)       | 2025/10/23    |                 | 100      | %     | 80 - 120  |
|                |      |              | Dissolved Silver (Ag)        | 2025/10/23    |                 | 97       | %     | 80 - 120  |
|                |      |              | Dissolved Strontium (Sr)     | 2025/10/23    |                 | 103      | %     | 80 - 120  |
|                |      |              | Dissolved Tellurium (Te)     | 2025/10/23    |                 | 98       | %     | 80 - 120  |
|                |      |              | Dissolved Thallium (Tl)      | 2025/10/23    |                 | 95       | %     | 80 - 120  |
|                |      |              | Dissolved Thorium (Th)       | 2025/10/23    |                 | 103      | %     | 80 - 120  |
|                |      |              | Dissolved Tin (Sn)           | 2025/10/23    |                 | 99       | %     | 80 - 120  |
|                |      |              | Dissolved Titanium (Ti)      | 2025/10/23    |                 | 100      | %     | 80 - 120  |
|                |      |              | Dissolved Uranium (U)        | 2025/10/23    |                 | 105      | %     | 80 - 120  |
|                |      |              | Dissolved Vanadium (V)       | 2025/10/23    |                 | 98       | %     | 80 - 120  |
|                |      |              | Dissolved Zinc (Zn)          | 2025/10/23    |                 | NC       | %     | 80 - 120  |
|                |      |              | Dissolved Zirconium (Zr)     | 2025/10/23    |                 | 106      | %     | 80 - 120  |
| C134251        | AA1  | Spiked Blank | Dissolved Aluminum (Al)      | 2025/10/23    |                 | 103      | %     | 80 - 120  |
|                |      |              | Dissolved Antimony (Sb)      | 2025/10/23    |                 | 100      | %     | 80 - 120  |
|                |      |              | Dissolved Arsenic (As)       | 2025/10/23    |                 | 102      | %     | 80 - 120  |
|                |      |              | Dissolved Barium (Ba)        | 2025/10/23    |                 | 102      | %     | 80 - 120  |
|                |      |              | Dissolved Beryllium (Be)     | 2025/10/23    |                 | 100      | %     | 80 - 120  |
|                |      |              | Dissolved Bismuth (Bi)       | 2025/10/23    |                 | 96       | %     | 80 - 120  |
|                |      |              | Dissolved Boron (B)          | 2025/10/23    |                 | 100      | %     | 80 - 120  |
|                |      |              | Dissolved Cadmium (Cd)       | 2025/10/23    |                 | 101      | %     | 80 - 120  |
|                |      |              | Dissolved Cesium (Cs)        | 2025/10/23    |                 | 101      | %     | 80 - 120  |
|                |      |              | Dissolved Chromium (Cr)      | 2025/10/23    |                 | 96       | %     | 80 - 120  |
|                |      |              | Dissolved Cobalt (Co)        | 2025/10/23    |                 | 91       | %     | 80 - 120  |
|                |      |              | Dissolved Copper (Cu)        | 2025/10/23    |                 | 95       | %     | 80 - 120  |
|                |      |              | Dissolved Iron (Fe)          | 2025/10/23    |                 | 99       | %     | 80 - 120  |
|                |      |              | Dissolved Lead (Pb)          | 2025/10/23    |                 | 96       | %     | 80 - 120  |
|                |      |              | Dissolved Lithium (Li)       | 2025/10/23    |                 | 98       | %     | 80 - 120  |



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Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type      | Parameter                 | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|----------------|------|--------------|---------------------------|---------------|-------------------|----------|-------|-----------|
| C134251        | AA1  | Method Blank | Dissolved Manganese (Mn)  | 2025/10/23    |                   | 96       | %     | 80 - 120  |
|                |      |              | Dissolved Molybdenum (Mo) | 2025/10/23    |                   | 102      | %     | 80 - 120  |
|                |      |              | Dissolved Nickel (Ni)     | 2025/10/23    |                   | 95       | %     | 80 - 120  |
|                |      |              | Dissolved Phosphorus (P)  | 2025/10/23    |                   | 104      | %     | 80 - 120  |
|                |      |              | Dissolved Rubidium (Rb)   | 2025/10/23    |                   | 102      | %     | 80 - 120  |
|                |      |              | Dissolved Selenium (Se)   | 2025/10/23    |                   | 96       | %     | 80 - 120  |
|                |      |              | Dissolved Silicon (Si)    | 2025/10/23    |                   | 105      | %     | 80 - 120  |
|                |      |              | Dissolved Silver (Ag)     | 2025/10/23    |                   | 97       | %     | 80 - 120  |
|                |      |              | Dissolved Strontium (Sr)  | 2025/10/23    |                   | 102      | %     | 80 - 120  |
|                |      |              | Dissolved Tellurium (Te)  | 2025/10/23    |                   | 101      | %     | 80 - 120  |
|                |      |              | Dissolved Thallium (Tl)   | 2025/10/23    |                   | 97       | %     | 80 - 120  |
|                |      |              | Dissolved Thorium (Th)    | 2025/10/23    |                   | 99       | %     | 80 - 120  |
|                |      |              | Dissolved Tin (Sn)        | 2025/10/23    |                   | 102      | %     | 80 - 120  |
|                |      |              | Dissolved Titanium (Ti)   | 2025/10/23    |                   | 99       | %     | 80 - 120  |
|                |      |              | Dissolved Uranium (U)     | 2025/10/23    |                   | 103      | %     | 80 - 120  |
|                |      |              | Dissolved Vanadium (V)    | 2025/10/23    |                   | 97       | %     | 80 - 120  |
|                |      |              | Dissolved Zinc (Zn)       | 2025/10/23    |                   | 98       | %     | 80 - 120  |
|                |      |              | Dissolved Zirconium (Zr)  | 2025/10/23    |                   | 99       | %     | 80 - 120  |
|                |      |              | Dissolved Aluminum (Al)   | 2025/10/23    | ND,<br>RDL=0.50   |          | ug/L  |           |
|                |      |              | Dissolved Antimony (Sb)   | 2025/10/23    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |              | Dissolved Arsenic (As)    | 2025/10/23    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |              | Dissolved Barium (Ba)     | 2025/10/23    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |              | Dissolved Beryllium (Be)  | 2025/10/23    | ND,<br>RDL=0.010  |          | ug/L  |           |
|                |      |              | Dissolved Bismuth (Bi)    | 2025/10/23    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |              | Dissolved Boron (B)       | 2025/10/23    | ND,<br>RDL=10     |          | ug/L  |           |
|                |      |              | Dissolved Cadmium (Cd)    | 2025/10/23    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |              | Dissolved Cesium (Cs)     | 2025/10/23    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |              | Dissolved Chromium (Cr)   | 2025/10/23    | ND,<br>RDL=0.10   |          | ug/L  |           |
|                |      |              | Dissolved Cobalt (Co)     | 2025/10/23    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |              | Dissolved Copper (Cu)     | 2025/10/23    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |              | Dissolved Iron (Fe)       | 2025/10/23    | ND,<br>RDL=1.0    |          | ug/L  |           |
|                |      |              | Dissolved Lead (Pb)       | 2025/10/23    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |              | Dissolved Lithium (Li)    | 2025/10/23    | ND,<br>RDL=0.50   |          | ug/L  |           |
|                |      |              | Dissolved Manganese (Mn)  | 2025/10/23    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |              | Dissolved Molybdenum (Mo) | 2025/10/23    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |              | Dissolved Nickel (Ni)     | 2025/10/23    | ND,<br>RDL=0.020  |          | ug/L  |           |



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Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type | Parameter                 | Date Analyzed | Value                     | Recovery | UNITS | QC Limits |
|----------------|------|---------|---------------------------|---------------|---------------------------|----------|-------|-----------|
| C134251        | AA1  | RPD     | Dissolved Phosphorus (P)  | 2025/10/23    | ND,<br>RDL=2.0            |          | ug/L  |           |
|                |      |         | Dissolved Rubidium (Rb)   | 2025/10/23    | ND,<br>RDL=0.050          |          | ug/L  |           |
|                |      |         | Dissolved Selenium (Se)   | 2025/10/23    | ND,<br>RDL=0.040          |          | ug/L  |           |
|                |      |         | Dissolved Silicon (Si)    | 2025/10/23    | ND,<br>RDL=50             |          | ug/L  |           |
|                |      |         | Dissolved Silver (Ag)     | 2025/10/23    | ND,<br>RDL=0.0050         |          | ug/L  |           |
|                |      |         | Dissolved Strontium (Sr)  | 2025/10/23    | ND,<br>RDL=0.050          |          | ug/L  |           |
|                |      |         | Dissolved Tellurium (Te)  | 2025/10/23    | ND,<br>RDL=0.020          |          | ug/L  |           |
|                |      |         | Dissolved Thallium (Tl)   | 2025/10/23    | ND,<br>RDL=0.0020         |          | ug/L  |           |
|                |      |         | Dissolved Thorium (Th)    | 2025/10/23    | 0.0056,<br>RDL=0.0050 (1) |          | ug/L  |           |
|                |      |         | Dissolved Tin (Sn)        | 2025/10/23    | ND,<br>RDL=0.20           |          | ug/L  |           |
|                |      |         | Dissolved Titanium (Ti)   | 2025/10/23    | ND,<br>RDL=0.50           |          | ug/L  |           |
|                |      |         | Dissolved Uranium (U)     | 2025/10/23    | ND,<br>RDL=0.0020         |          | ug/L  |           |
|                |      |         | Dissolved Vanadium (V)    | 2025/10/23    | ND,<br>RDL=0.20           |          | ug/L  |           |
|                |      |         | Dissolved Zinc (Zn)       | 2025/10/23    | ND,<br>RDL=0.10           |          | ug/L  |           |
|                |      |         | Dissolved Zirconium (Zr)  | 2025/10/23    | ND,<br>RDL=0.10           |          | ug/L  |           |
|                |      |         | Dissolved Aluminum (Al)   | 2025/10/23    | 8.7                       |          | %     | 20        |
|                |      |         | Dissolved Antimony (Sb)   | 2025/10/23    | 0.70                      |          | %     | 20        |
|                |      |         | Dissolved Arsenic (As)    | 2025/10/23    | 1.8                       |          | %     | 20        |
|                |      |         | Dissolved Barium (Ba)     | 2025/10/23    | 0.24                      |          | %     | 20        |
|                |      |         | Dissolved Beryllium (Be)  | 2025/10/23    | NC                        |          | %     | 20        |
|                |      |         | Dissolved Bismuth (Bi)    | 2025/10/23    | NC                        |          | %     | 20        |
|                |      |         | Dissolved Boron (B)       | 2025/10/23    | 3.0                       |          | %     | 20        |
|                |      |         | Dissolved Cadmium (Cd)    | 2025/10/23    | 6.1                       |          | %     | 20        |
|                |      |         | Dissolved Chromium (Cr)   | 2025/10/23    | 0.11                      |          | %     | 20        |
|                |      |         | Dissolved Cobalt (Co)     | 2025/10/23    | NC                        |          | %     | 20        |
|                |      |         | Dissolved Copper (Cu)     | 2025/10/23    | 7.6                       |          | %     | 20        |
|                |      |         | Dissolved Iron (Fe)       | 2025/10/23    | NC                        |          | %     | 20        |
|                |      |         | Dissolved Lead (Pb)       | 2025/10/23    | 0.26                      |          | %     | 20        |
|                |      |         | Dissolved Lithium (Li)    | 2025/10/23    | 1.8                       |          | %     | 20        |
|                |      |         | Dissolved Manganese (Mn)  | 2025/10/23    | 1.9                       |          | %     | 20        |
|                |      |         | Dissolved Molybdenum (Mo) | 2025/10/23    | 8.9                       |          | %     | 20        |
|                |      |         | Dissolved Nickel (Ni)     | 2025/10/23    | 5.4                       |          | %     | 20        |
|                |      |         | Dissolved Phosphorus (P)  | 2025/10/23    | 0.57                      |          | %     | 20        |
|                |      |         | Dissolved Selenium (Se)   | 2025/10/23    | 0.12                      |          | %     | 20        |
|                |      |         | Dissolved Silicon (Si)    | 2025/10/23    | 2.5                       |          | %     | 20        |
|                |      |         | Dissolved Silver (Ag)     | 2025/10/23    | 3.7                       |          | %     | 20        |
|                |      |         | Dissolved Strontium (Sr)  | 2025/10/23    | 0.45                      |          | %     | 20        |
|                |      |         | Dissolved Thallium (Tl)   | 2025/10/23    | NC                        |          | %     | 20        |
|                |      |         | Dissolved Tin (Sn)        | 2025/10/23    | NC                        |          | %     | 20        |



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Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type                  | Parameter                | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|----------------|------|--------------------------|--------------------------|---------------|-------------------|----------|-------|-----------|
| C134273        | GCM  | Matrix Spike             | Dissolved Titanium (Ti)  | 2025/10/23    | NC                |          | %     | 20        |
|                |      |                          | Dissolved Uranium (U)    | 2025/10/23    | 0.59              |          | %     | 20        |
|                |      |                          | Dissolved Vanadium (V)   | 2025/10/23    | NC                |          | %     | 20        |
|                |      |                          | Dissolved Zinc (Zn)      | 2025/10/23    | 1.2               |          | %     | 20        |
|                |      |                          | Dissolved Zirconium (Zr) | 2025/10/23    | NC                |          | %     | 20        |
| C134273        | GCM  | Matrix Spike             | Total Phosphorus (P)     | 2025/10/24    |                   | 112      | %     | N/A       |
| C134273        | GCM  | Spiked Blank             | Total Phosphorus (P)     | 2025/10/24    |                   | 107      | %     | 80 - 120  |
| C134273        | GCM  | Method Blank             | Total Phosphorus (P)     | 2025/10/24    | ND,<br>RDL=0.0010 |          | mg/L  |           |
| C134273        | GCM  | RPD                      | Total Phosphorus (P)     | 2025/10/24    | NC                |          | %     | 20        |
| C134275        | AA1  | Matrix Spike [DVK030-06] | Total Aluminum (Al)      | 2025/10/24    |                   | 88       | %     | 80 - 120  |
|                |      |                          | Total Antimony (Sb)      | 2025/10/24    |                   | 96       | %     | 80 - 120  |
|                |      |                          | Total Arsenic (As)       | 2025/10/24    |                   | 105      | %     | 80 - 120  |
|                |      |                          | Total Barium (Ba)        | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |                          | Total Beryllium (Be)     | 2025/10/24    |                   | 107      | %     | 80 - 120  |
|                |      |                          | Total Bismuth (Bi)       | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |                          | Total Boron (B)          | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |                          | Total Cadmium (Cd)       | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Total Cesium (Cs)        | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |                          | Total Chromium (Cr)      | 2025/10/24    |                   | 105      | %     | 80 - 120  |
|                |      |                          | Total Cobalt (Co)        | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |                          | Total Copper (Cu)        | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Total Iron (Fe)          | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|                |      |                          | Total Lead (Pb)          | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |                          | Total Lithium (Li)       | 2025/10/24    |                   | 97       | %     | 80 - 120  |
|                |      |                          | Total Manganese (Mn)     | 2025/10/24    |                   | 76 (2)   | %     | 80 - 120  |
|                |      |                          | Total Molybdenum (Mo)    | 2025/10/24    |                   | NC       | %     | 80 - 120  |
|                |      |                          | Total Nickel (Ni)        | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |                          | Total Phosphorus (P)     | 2025/10/24    |                   | 109      | %     | 80 - 120  |
|                |      |                          | Total Rubidium (Rb)      | 2025/10/24    |                   | 47 (2)   | %     | 80 - 120  |
|                |      |                          | Total Selenium (Se)      | 2025/10/24    |                   | 105      | %     | 80 - 120  |
|                |      |                          | Total Silicon (Si)       | 2025/10/24    |                   | NC       | %     | 80 - 120  |
|                |      |                          | Total Silver (Ag)        | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |                          | Total Strontium (Sr)     | 2025/10/24    |                   | 81       | %     | 80 - 120  |
|                |      |                          | Total Tellurium (Te)     | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Total Thallium (Tl)      | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |                          | Total Thorium (Th)       | 2025/10/24    |                   | 107      | %     | 80 - 120  |
|                |      |                          | Total Tin (Sn)           | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |                          | Total Titanium (Ti)      | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |                          | Total Uranium (U)        | 2025/10/24    |                   | 107      | %     | 80 - 120  |
|                |      |                          | Total Vanadium (V)       | 2025/10/24    |                   | 105      | %     | 80 - 120  |
|                |      |                          | Total Zinc (Zn)          | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Total Zirconium (Zr)     | 2025/10/24    |                   | 103      | %     | 80 - 120  |
| C134275        | AA1  | Spiked Blank             | Total Aluminum (Al)      | 2025/10/24    |                   | 110      | %     | 80 - 120  |
|                |      |                          | Total Antimony (Sb)      | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Total Arsenic (As)       | 2025/10/24    |                   | 108      | %     | 80 - 120  |
|                |      |                          | Total Barium (Ba)        | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Total Beryllium (Be)     | 2025/10/24    |                   | 105      | %     | 80 - 120  |
|                |      |                          | Total Bismuth (Bi)       | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |                          | Total Boron (B)          | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |                          | Total Cadmium (Cd)       | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Total Cesium (Cs)        | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Total Chromium (Cr)      | 2025/10/24    |                   | 102      | %     | 80 - 120  |



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Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type      | Parameter             | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|----------------|------|--------------|-----------------------|---------------|-------------------|----------|-------|-----------|
| C134275        | AA1  | Method Blank | Total Cobalt (Co)     | 2025/10/24    |                   | 97       | %     | 80 - 120  |
|                |      |              | Total Copper (Cu)     | 2025/10/24    |                   | 98       | %     | 80 - 120  |
|                |      |              | Total Iron (Fe)       | 2025/10/24    |                   | 107      | %     | 80 - 120  |
|                |      |              | Total Lead (Pb)       | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |              | Total Lithium (Li)    | 2025/10/24    |                   | 107      | %     | 80 - 120  |
|                |      |              | Total Manganese (Mn)  | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |              | Total Molybdenum (Mo) | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |              | Total Nickel (Ni)     | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|                |      |              | Total Phosphorus (P)  | 2025/10/24    |                   | 110      | %     | 80 - 120  |
|                |      |              | Total Rubidium (Rb)   | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |              | Total Selenium (Se)   | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |              | Total Silicon (Si)    | 2025/10/24    |                   | 113      | %     | 80 - 120  |
|                |      |              | Total Silver (Ag)     | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|                |      |              | Total Strontium (Sr)  | 2025/10/24    |                   | 112      | %     | 80 - 120  |
|                |      |              | Total Tellurium (Te)  | 2025/10/24    |                   | 108      | %     | 80 - 120  |
|                |      |              | Total Thallium (Tl)   | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |              | Total Thorium (Th)    | 2025/10/24    |                   | 108      | %     | 80 - 120  |
|                |      |              | Total Tin (Sn)        | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |              | Total Titanium (Ti)   | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |              | Total Uranium (U)     | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |              | Total Vanadium (V)    | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |              | Total Zinc (Zn)       | 2025/10/24    |                   | 106      | %     | 80 - 120  |
|                |      |              | Total Zirconium (Zr)  | 2025/10/24    |                   | 120      | %     | 80 - 120  |
|                |      |              | Total Aluminum (Al)   | 2025/10/24    | ND,<br>RDL=3.0    |          | ug/L  |           |
|                |      |              | Total Antimony (Sb)   | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |              | Total Arsenic (As)    | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |              | Total Barium (Ba)     | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |              | Total Beryllium (Be)  | 2025/10/24    | ND,<br>RDL=0.010  |          | ug/L  |           |
|                |      |              | Total Bismuth (Bi)    | 2025/10/24    | ND,<br>RDL=0.010  |          | ug/L  |           |
|                |      |              | Total Boron (B)       | 2025/10/24    | ND,<br>RDL=10     |          | ug/L  |           |
|                |      |              | Total Cadmium (Cd)    | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |              | Total Cesium (Cs)     | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |              | Total Chromium (Cr)   | 2025/10/24    | ND,<br>RDL=0.10   |          | ug/L  |           |
|                |      |              | Total Cobalt (Co)     | 2025/10/24    | ND,<br>RDL=0.010  |          | ug/L  |           |
|                |      |              | Total Copper (Cu)     | 2025/10/24    | ND,<br>RDL=0.10   |          | ug/L  |           |
|                |      |              | Total Iron (Fe)       | 2025/10/24    | ND,<br>RDL=5.0    |          | ug/L  |           |
|                |      |              | Total Lead (Pb)       | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |              | Total Lithium (Li)    | 2025/10/24    | ND,<br>RDL=0.50   |          | ug/L  |           |



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### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type | Parameter             | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|----------------|------|---------|-----------------------|---------------|-------------------|----------|-------|-----------|
| C134275        | AA1  | RPD     | Total Manganese (Mn)  | 2025/10/24    | ND,<br>RDL=0.10   |          | ug/L  |           |
|                |      |         | Total Molybdenum (Mo) | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |         | Total Nickel (Ni)     | 2025/10/24    | ND,<br>RDL=0.10   |          | ug/L  |           |
|                |      |         | Total Phosphorus (P)  | 2025/10/24    | ND,<br>RDL=5.0    |          | ug/L  |           |
|                |      |         | Total Rubidium (Rb)   | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |         | Total Selenium (Se)   | 2025/10/24    | ND,<br>RDL=0.040  |          | ug/L  |           |
|                |      |         | Total Silicon (Si)    | 2025/10/24    | ND,<br>RDL=50     |          | ug/L  |           |
|                |      |         | Total Silver (Ag)     | 2025/10/24    | ND,<br>RDL=0.010  |          | ug/L  |           |
|                |      |         | Total Strontium (Sr)  | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |         | Total Tellurium (Te)  | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |         | Total Thallium (Tl)   | 2025/10/24    | ND,<br>RDL=0.0020 |          | ug/L  |           |
|                |      |         | Total Thorium (Th)    | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |         | Total Tin (Sn)        | 2025/10/24    | ND,<br>RDL=0.20   |          | ug/L  |           |
|                |      |         | Total Titanium (Ti)   | 2025/10/24    | ND,<br>RDL=2.0    |          | ug/L  |           |
|                |      |         | Total Uranium (U)     | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |         | Total Vanadium (V)    | 2025/10/24    | ND,<br>RDL=0.20   |          | ug/L  |           |
|                |      |         | Total Zinc (Zn)       | 2025/10/24    | ND,<br>RDL=1.0    |          | ug/L  |           |
|                |      |         | Total Zirconium (Zr)  | 2025/10/24    | ND,<br>RDL=0.10   |          | ug/L  |           |
|                |      |         | Total Aluminum (Al)   | 2025/10/24    | 2.8               |          | %     | 20        |
|                |      |         | Total Antimony (Sb)   | 2025/10/24    | NC                |          | %     | 20        |
|                |      |         | Total Arsenic (As)    | 2025/10/24    | 0                 |          | %     | 20        |
|                |      |         | Total Barium (Ba)     | 2025/10/24    | 4.6               |          | %     | 20        |
|                |      |         | Total Beryllium (Be)  | 2025/10/24    | NC                |          | %     | 20        |
|                |      |         | Total Bismuth (Bi)    | 2025/10/24    | NC                |          | %     | 20        |
|                |      |         | Total Boron (B)       | 2025/10/24    | NC                |          | %     | 20        |
|                |      |         | Total Cadmium (Cd)    | 2025/10/24    | NC                |          | %     | 20        |
|                |      |         | Total Chromium (Cr)   | 2025/10/24    | NC                |          | %     | 20        |
|                |      |         | Total Cobalt (Co)     | 2025/10/24    | NC                |          | %     | 20        |
|                |      |         | Total Copper (Cu)     | 2025/10/24    | 12                |          | %     | 20        |
|                |      |         | Total Iron (Fe)       | 2025/10/24    | 12                |          | %     | 20        |
|                |      |         | Total Lead (Pb)       | 2025/10/24    | NC                |          | %     | 20        |
|                |      |         | Total Lithium (Li)    | 2025/10/24    | NC                |          | %     | 20        |
|                |      |         | Total Manganese (Mn)  | 2025/10/24    | 11                |          | %     | 20        |
|                |      |         | Total Molybdenum (Mo) | 2025/10/24    | 10                |          | %     | 20        |
|                |      |         | Total Nickel (Ni)     | 2025/10/24    | NC                |          | %     | 20        |
|                |      |         | Total Phosphorus (P)  | 2025/10/24    | 7.7               |          | %     | 20        |



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| QA/QC<br>Batch | Init | QC Type                  | Parameter                           | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|----------------|------|--------------------------|-------------------------------------|---------------|-------------------|----------|-------|-----------|
|                |      |                          | Total Selenium (Se)                 | 2025/10/24    | 12                |          | %     | 20        |
|                |      |                          | Total Silicon (Si)                  | 2025/10/24    | 0.11              |          | %     | 20        |
|                |      |                          | Total Silver (Ag)                   | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                          | Total Strontium (Sr)                | 2025/10/24    | 2.5               |          | %     | 20        |
|                |      |                          | Total Thallium (Tl)                 | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                          | Total Tin (Sn)                      | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                          | Total Titanium (Ti)                 | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                          | Total Uranium (U)                   | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                          | Total Vanadium (V)                  | 2025/10/24    | 17                |          | %     | 20        |
|                |      |                          | Total Zinc (Zn)                     | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                          | Total Zirconium (Zr)                | 2025/10/24    | NC                |          | %     | 20        |
| C134429        | IC4  | Matrix Spike             | Total Mercury (Hg)                  | 2025/10/23    |                   | 90       | %     | 80 - 120  |
| C134429        | IC4  | Spiked Blank             | Total Mercury (Hg)                  | 2025/10/23    |                   | 90       | %     | 80 - 120  |
| C134429        | IC4  | Method Blank             | Total Mercury (Hg)                  | 2025/10/23    | ND,<br>RDL=0.0019 |          | ug/L  |           |
| C134429        | IC4  | RPD                      | Total Mercury (Hg)                  | 2025/10/23    | NC                |          | %     | 20        |
| C134607        | CBK  | Matrix Spike [DVK032-02] | Chloride (Cl)                       | 2025/10/23    |                   | 102      | %     | 80 - 120  |
|                |      |                          | Sulphate (SO4)                      | 2025/10/23    |                   | 100      | %     | 80 - 120  |
| C134607        | CBK  | Spiked Blank             | Chloride (Cl)                       | 2025/10/23    |                   | 100      | %     | 80 - 120  |
|                |      |                          | Sulphate (SO4)                      | 2025/10/23    |                   | 99       | %     | 80 - 120  |
| C134607        | CBK  | Method Blank             | Chloride (Cl)                       | 2025/10/23    | ND,<br>RDL=1.0    |          | mg/L  |           |
|                |      |                          | Sulphate (SO4)                      | 2025/10/23    | ND,<br>RDL=1.0    |          | mg/L  |           |
| C134607        | CBK  | RPD [DVK032-02]          | Chloride (Cl)                       | 2025/10/23    | NC                |          | %     | 20        |
|                |      |                          | Sulphate (SO4)                      | 2025/10/23    | 0.34              |          | %     | 20        |
| C134636        | NGU  | Matrix Spike             | 1,4-Difluorobenzene (sur.)          | 2025/10/23    |                   | 98       | %     | 50 - 140  |
|                |      |                          | 4-Bromofluorobenzene (sur.)         | 2025/10/23    |                   | 103      | %     | 50 - 140  |
|                |      |                          | D4-1,2-Dichloroethane (sur.)        | 2025/10/23    |                   | 105      | %     | 50 - 140  |
|                |      |                          | 1,1,1,2-tetrachloroethane           | 2025/10/23    |                   | 85       | %     | 50 - 140  |
|                |      |                          | 1,1,1-trichloroethane               | 2025/10/23    |                   | 85       | %     | 50 - 140  |
|                |      |                          | 1,1,2,2-tetrachloroethane           | 2025/10/23    |                   | 93       | %     | 50 - 140  |
|                |      |                          | 1,1,2Trichloro-1,2,2Trifluoroethane | 2025/10/23    |                   | 86       | %     | 50 - 140  |
|                |      |                          | 1,1,2-trichloroethane               | 2025/10/23    |                   | 87       | %     | 50 - 140  |
|                |      |                          | 1,1-dichloroethane                  | 2025/10/23    |                   | 96       | %     | 50 - 140  |
|                |      |                          | 1,1-dichloroethene                  | 2025/10/23    |                   | 103      | %     | 50 - 140  |
|                |      |                          | 1,2,3-trichlorobenzene              | 2025/10/23    |                   | 95       | %     | 50 - 140  |
|                |      |                          | 1,2,4-trichlorobenzene              | 2025/10/23    |                   | 96       | %     | 50 - 140  |
|                |      |                          | 1,2-dibromoethane                   | 2025/10/23    |                   | 85       | %     | 50 - 140  |
|                |      |                          | 1,2-dichlorobenzene                 | 2025/10/23    |                   | 100      | %     | 50 - 140  |
|                |      |                          | 1,2-dichloroethane                  | 2025/10/23    |                   | 78       | %     | 50 - 140  |
|                |      |                          | 1,2-dichloropropane                 | 2025/10/23    |                   | 91       | %     | 50 - 140  |
|                |      |                          | 1,3,5-trimethylbenzene              | 2025/10/23    |                   | 104      | %     | 50 - 140  |
|                |      |                          | 1,3-Butadiene                       | 2025/10/23    |                   | 74       | %     | 50 - 140  |
|                |      |                          | 1,3-dichlorobenzene                 | 2025/10/23    |                   | 103      | %     | 50 - 140  |
|                |      |                          | 1,3-dichloropropane                 | 2025/10/23    |                   | 87       | %     | 50 - 140  |
|                |      |                          | 1,4-dichlorobenzene                 | 2025/10/23    |                   | 90       | %     | 50 - 140  |
|                |      |                          | Benzene                             | 2025/10/23    |                   | 90       | %     | 50 - 140  |
|                |      |                          | Bromobenzene                        | 2025/10/23    |                   | 94       | %     | 50 - 140  |
|                |      |                          | Bromodichloromethane                | 2025/10/23    |                   | 84       | %     | 50 - 140  |
|                |      |                          | Bromoform                           | 2025/10/23    |                   | 81       | %     | 50 - 140  |
|                |      |                          | Bromomethane                        | 2025/10/23    |                   | 67       | %     | 50 - 140  |
|                |      |                          | Carbon tetrachloride                | 2025/10/23    |                   | 84       | %     | 50 - 140  |





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| QA/QC   | Batch | Init         | QC Type | Parameter                           | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---------|-------|--------------|---------|-------------------------------------|---------------|-------|----------|-------|-----------|
| C134636 | NGU   | Spiked Blank |         | Chlorobenzene                       | 2025/10/23    |       | 88       | %     | 50 - 140  |
|         |       |              |         | Dibromochloromethane                | 2025/10/23    |       | 82       | %     | 50 - 140  |
|         |       |              |         | Chloroethane                        | 2025/10/23    |       | 68       | %     | 50 - 140  |
|         |       |              |         | Chloroform                          | 2025/10/23    |       | 84       | %     | 50 - 140  |
|         |       |              |         | Chloromethane                       | 2025/10/23    |       | 91       | %     | 50 - 140  |
|         |       |              |         | cis-1,2-dichloroethene              | 2025/10/23    |       | 90       | %     | 50 - 140  |
|         |       |              |         | cis-1,3-dichloropropene             | 2025/10/23    |       | 84       | %     | 50 - 140  |
|         |       |              |         | Dichlorodifluoromethane             | 2025/10/23    |       | 82       | %     | 50 - 140  |
|         |       |              |         | Dichloromethane                     | 2025/10/23    |       | 85       | %     | 50 - 140  |
|         |       |              |         | Ethylbenzene                        | 2025/10/23    |       | 96       | %     | 50 - 140  |
|         |       |              |         | Hexachlorobutadiene                 | 2025/10/23    |       | 86       | %     | 50 - 140  |
|         |       |              |         | Isopropylbenzene                    | 2025/10/23    |       | 98       | %     | 50 - 140  |
|         |       |              |         | Methyl-tert-butylether (MTBE)       | 2025/10/23    |       | 75       | %     | 50 - 140  |
|         |       |              |         | Styrene                             | 2025/10/23    |       | 90       | %     | 50 - 140  |
|         |       |              |         | Tetrachloroethene                   | 2025/10/23    |       | 87       | %     | 50 - 140  |
|         |       |              |         | Toluene                             | 2025/10/23    |       | 91       | %     | 50 - 140  |
|         |       |              |         | trans-1,2-dichloroethene            | 2025/10/23    |       | 97       | %     | 50 - 140  |
|         |       |              |         | trans-1,3-dichloropropene           | 2025/10/23    |       | 82       | %     | 50 - 140  |
|         |       |              |         | Trichloroethene                     | 2025/10/23    |       | 87       | %     | 50 - 140  |
|         |       |              |         | Trichlorofluoromethane              | 2025/10/23    |       | 85       | %     | 50 - 140  |
|         |       |              |         | Vinyl chloride                      | 2025/10/23    |       | 91       | %     | 50 - 140  |
|         |       |              |         | m & p-Xylene                        | 2025/10/23    |       | 99       | %     | 50 - 140  |
|         |       |              |         | o-Xylene                            | 2025/10/23    |       | 97       | %     | 50 - 140  |
|         |       |              |         | 1,4-Difluorobenzene (sur.)          | 2025/10/23    |       | 99       | %     | 50 - 140  |
|         |       |              |         | 4-Bromofluorobenzene (sur.)         | 2025/10/23    |       | 103      | %     | 50 - 140  |
|         |       |              |         | D4-1,2-Dichloroethane (sur.)        | 2025/10/23    |       | 106      | %     | 50 - 140  |
|         |       |              |         | VH C6-C10                           | 2025/10/23    |       | 104      | %     | 70 - 130  |
|         |       |              |         | 1,1,1,2-tetrachloroethane           | 2025/10/23    |       | 85       | %     | 60 - 130  |
|         |       |              |         | 1,1,1-trichloroethane               | 2025/10/23    |       | 83       | %     | 60 - 130  |
|         |       |              |         | 1,1,2,2-tetrachloroethane           | 2025/10/23    |       | 91       | %     | 60 - 130  |
|         |       |              |         | 1,1,2Trichloro-1,2,2Trifluoroethane | 2025/10/23    |       | 82       | %     | 60 - 130  |
|         |       |              |         | 1,1,2-trichloroethane               | 2025/10/23    |       | 88       | %     | 60 - 130  |
|         |       |              |         | 1,1-dichloroethane                  | 2025/10/23    |       | 93       | %     | 60 - 130  |
|         |       |              |         | 1,1-dichloroethene                  | 2025/10/23    |       | 99       | %     | 60 - 130  |
|         |       |              |         | 1,2,3-trichlorobenzene              | 2025/10/23    |       | 94       | %     | 60 - 130  |
|         |       |              |         | 1,2,4-trichlorobenzene              | 2025/10/23    |       | 94       | %     | 60 - 130  |
|         |       |              |         | 1,2-dibromoethane                   | 2025/10/23    |       | 86       | %     | 60 - 130  |
|         |       |              |         | 1,2-dichlorobenzene                 | 2025/10/23    |       | 97       | %     | 60 - 130  |
|         |       |              |         | 1,2-dichloroethane                  | 2025/10/23    |       | 78       | %     | 60 - 130  |
|         |       |              |         | 1,2-dichloropropane                 | 2025/10/23    |       | 90       | %     | 60 - 130  |
|         |       |              |         | 1,3,5-trimethylbenzene              | 2025/10/23    |       | 100      | %     | 60 - 130  |
|         |       |              |         | 1,3-Butadiene                       | 2025/10/23    |       | 73       | %     | 50 - 140  |
|         |       |              |         | 1,3-dichlorobenzene                 | 2025/10/23    |       | 100      | %     | 60 - 130  |
|         |       |              |         | 1,3-dichloropropane                 | 2025/10/23    |       | 88       | %     | 60 - 130  |
|         |       |              |         | 1,4-dichlorobenzene                 | 2025/10/23    |       | 87       | %     | 60 - 130  |
|         |       |              |         | Benzene                             | 2025/10/23    |       | 90       | %     | 60 - 130  |
|         |       |              |         | Bromobenzene                        | 2025/10/23    |       | 92       | %     | 60 - 130  |
|         |       |              |         | Bromodichloromethane                | 2025/10/23    |       | 84       | %     | 60 - 130  |
|         |       |              |         | Bromoform                           | 2025/10/23    |       | 80       | %     | 60 - 130  |
|         |       |              |         | Bromomethane                        | 2025/10/23    |       | 68       | %     | 50 - 140  |
|         |       |              |         | Carbon tetrachloride                | 2025/10/23    |       | 82       | %     | 60 - 130  |
|         |       |              |         | Chlorobenzene                       | 2025/10/23    |       | 88       | %     | 60 - 130  |
|         |       |              |         | Dibromochloromethane                | 2025/10/23    |       | 82       | %     | 60 - 130  |



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Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC   |      |              |                                     |               |       |                 |       |           |  |
|---------|------|--------------|-------------------------------------|---------------|-------|-----------------|-------|-----------|--|
| Batch   | Init | QC Type      | Parameter                           | Date Analyzed | Value | Recovery        | UNITS | QC Limits |  |
| C134636 | NGU  | Method Blank | Chloroethane                        | 2025/10/23    |       | 76              | %     | 50 - 140  |  |
|         |      |              | Chloroform                          | 2025/10/23    |       | 82              | %     | 60 - 130  |  |
|         |      |              | Chloromethane                       | 2025/10/23    |       | 91              | %     | 50 - 140  |  |
|         |      |              | cis-1,2-dichloroethene              | 2025/10/23    |       | 89              | %     | 60 - 130  |  |
|         |      |              | cis-1,3-dichloropropene             | 2025/10/23    |       | 84              | %     | 50 - 140  |  |
|         |      |              | Dichlorodifluoromethane             | 2025/10/23    |       | 81              | %     | 50 - 140  |  |
|         |      |              | Dichloromethane                     | 2025/10/23    |       | 82              | %     | 60 - 130  |  |
|         |      |              | Ethylbenzene                        | 2025/10/23    |       | 96              | %     | 60 - 130  |  |
|         |      |              | Hexachlorobutadiene                 | 2025/10/23    |       | 83              | %     | 60 - 130  |  |
|         |      |              | Isopropylbenzene                    | 2025/10/23    |       | 95              | %     | 60 - 130  |  |
|         |      |              | Methyl-tert-butylether (MTBE)       | 2025/10/23    |       | 74              | %     | 60 - 130  |  |
|         |      |              | Styrene                             | 2025/10/23    |       | 90              | %     | 60 - 130  |  |
|         |      |              | Tetrachloroethene                   | 2025/10/23    |       | 87              | %     | 60 - 130  |  |
|         |      |              | Toluene                             | 2025/10/23    |       | 91              | %     | 60 - 130  |  |
|         |      |              | trans-1,2-dichloroethene            | 2025/10/23    |       | 94              | %     | 60 - 130  |  |
|         |      |              | trans-1,3-dichloropropene           | 2025/10/23    |       | 83              | %     | 50 - 140  |  |
|         |      |              | Trichloroethene                     | 2025/10/23    |       | 86              | %     | 60 - 130  |  |
|         |      |              | Trichlorofluoromethane              | 2025/10/23    |       | 81              | %     | 60 - 130  |  |
|         |      |              | Vinyl chloride                      | 2025/10/23    |       | 90              | %     | 50 - 140  |  |
|         |      |              | m & p-Xylene                        | 2025/10/23    |       | 98              | %     | 60 - 130  |  |
|         |      |              | o-Xylene                            | 2025/10/23    |       | 96              | %     | 60 - 130  |  |
|         |      |              | 1,4-Difluorobenzene (sur.)          | 2025/10/23    |       | 100             | %     | 50 - 140  |  |
|         |      |              | 4-Bromofluorobenzene (sur.)         | 2025/10/23    |       | 89              | %     | 50 - 140  |  |
|         |      |              | D4-1,2-Dichloroethane (sur.)        | 2025/10/23    |       | 102             | %     | 50 - 140  |  |
|         |      |              | VH C6-C10                           | 2025/10/23    |       | ND,<br>RDL=300  |       | ug/L      |  |
|         |      |              | 1,1,1,2-tetrachloroethane           | 2025/10/23    |       | ND,<br>RDL=0.50 |       | ug/L      |  |
|         |      |              | 1,1,1-trichloroethane               | 2025/10/23    |       | ND,<br>RDL=0.50 |       | ug/L      |  |
|         |      |              | 1,1,2,2-tetrachloroethane           | 2025/10/23    |       | ND,<br>RDL=0.50 |       | ug/L      |  |
|         |      |              | 1,1,2Trichloro-1,2,2Trifluoroethane | 2025/10/23    |       | ND,<br>RDL=2.0  |       | ug/L      |  |
|         |      |              | 1,1,2-trichloroethane               | 2025/10/23    |       | ND,<br>RDL=0.50 |       | ug/L      |  |
|         |      |              | 1,1-dichloroethane                  | 2025/10/23    |       | ND,<br>RDL=0.50 |       | ug/L      |  |
|         |      |              | 1,1-dichloroethene                  | 2025/10/23    |       | ND,<br>RDL=0.50 |       | ug/L      |  |
|         |      |              | 1,2,3-trichlorobenzene              | 2025/10/23    |       | ND,<br>RDL=2.0  |       | ug/L      |  |
|         |      |              | 1,2,4-trichlorobenzene              | 2025/10/23    |       | ND,<br>RDL=2.0  |       | ug/L      |  |
|         |      |              | 1,2-dibromoethane                   | 2025/10/23    |       | ND,<br>RDL=0.20 |       | ug/L      |  |
|         |      |              | 1,2-dichlorobenzene                 | 2025/10/23    |       | ND,<br>RDL=0.50 |       | ug/L      |  |
|         |      |              | 1,2-dichloroethane                  | 2025/10/23    |       | ND,<br>RDL=0.50 |       | ug/L      |  |
|         |      |              | 1,2-dichloropropane                 | 2025/10/23    |       | ND,<br>RDL=0.50 |       | ug/L      |  |
|         |      |              | 1,3,5-trimethylbenzene              | 2025/10/23    |       | ND,<br>RDL=2.0  |       | ug/L      |  |



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Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type | Parameter                     | Date Analyzed | Value           | Recovery | UNITS | QC Limits |
|----------------|------|---------|-------------------------------|---------------|-----------------|----------|-------|-----------|
|                |      |         | 1,3-Butadiene                 | 2025/10/23    | ND,<br>RDL=0.50 |          | ug/L  |           |
|                |      |         | 1,3-dichlorobenzene           | 2025/10/23    | ND,<br>RDL=0.50 |          | ug/L  |           |
|                |      |         | 1,3-dichloropropane           | 2025/10/23    | ND,<br>RDL=1.0  |          | ug/L  |           |
|                |      |         | 1,4-dichlorobenzene           | 2025/10/23    | ND,<br>RDL=0.50 |          | ug/L  |           |
|                |      |         | Benzene                       | 2025/10/23    | ND,<br>RDL=0.40 |          | ug/L  |           |
|                |      |         | Bromobenzene                  | 2025/10/23    | ND,<br>RDL=2.0  |          | ug/L  |           |
|                |      |         | Bromodichloromethane          | 2025/10/23    | ND,<br>RDL=1.0  |          | ug/L  |           |
|                |      |         | Bromoform                     | 2025/10/23    | ND,<br>RDL=1.0  |          | ug/L  |           |
|                |      |         | Bromomethane                  | 2025/10/23    | ND,<br>RDL=1.0  |          | ug/L  |           |
|                |      |         | Carbon tetrachloride          | 2025/10/23    | ND,<br>RDL=0.50 |          | ug/L  |           |
|                |      |         | Chlorobenzene                 | 2025/10/23    | ND,<br>RDL=0.50 |          | ug/L  |           |
|                |      |         | Dibromochloromethane          | 2025/10/23    | ND,<br>RDL=1.0  |          | ug/L  |           |
|                |      |         | Chloroethane                  | 2025/10/23    | ND,<br>RDL=1.0  |          | ug/L  |           |
|                |      |         | Chloroform                    | 2025/10/23    | ND,<br>RDL=1.0  |          | ug/L  |           |
|                |      |         | Chloromethane                 | 2025/10/23    | ND,<br>RDL=1.0  |          | ug/L  |           |
|                |      |         | cis-1,2-dichloroethene        | 2025/10/23    | ND,<br>RDL=1.0  |          | ug/L  |           |
|                |      |         | cis-1,3-dichloropropene       | 2025/10/23    | ND,<br>RDL=1.0  |          | ug/L  |           |
|                |      |         | Dichlorodifluoromethane       | 2025/10/23    | ND,<br>RDL=2.0  |          | ug/L  |           |
|                |      |         | Dichloromethane               | 2025/10/23    | ND,<br>RDL=2.0  |          | ug/L  |           |
|                |      |         | Ethylbenzene                  | 2025/10/23    | ND,<br>RDL=0.40 |          | ug/L  |           |
|                |      |         | Hexachlorobutadiene           | 2025/10/23    | ND,<br>RDL=0.50 |          | ug/L  |           |
|                |      |         | Isopropylbenzene              | 2025/10/23    | ND,<br>RDL=2.0  |          | ug/L  |           |
|                |      |         | Methyl-tert-butylether (MTBE) | 2025/10/23    | ND,<br>RDL=4.0  |          | ug/L  |           |
|                |      |         | Styrene                       | 2025/10/23    | ND,<br>RDL=0.50 |          | ug/L  |           |
|                |      |         | Tetrachloroethene             | 2025/10/23    | ND,<br>RDL=0.50 |          | ug/L  |           |
|                |      |         | Toluene                       | 2025/10/23    | ND,<br>RDL=0.40 |          | ug/L  |           |
|                |      |         | trans-1,2-dichloroethene      | 2025/10/23    | ND,<br>RDL=1.0  |          | ug/L  |           |



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### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type | Parameter                           | Date Analyzed | Value           | Recovery | UNITS | QC Limits |
|----------------|------|---------|-------------------------------------|---------------|-----------------|----------|-------|-----------|
| C134636        | NGU  | RPD     | trans-1,3-dichloropropene           | 2025/10/23    | ND,<br>RDL=1.0  |          | ug/L  |           |
|                |      |         | Trichloroethene                     | 2025/10/23    | ND,<br>RDL=0.50 |          | ug/L  |           |
|                |      |         | Trichlorofluoromethane              | 2025/10/23    | ND,<br>RDL=4.0  |          | ug/L  |           |
|                |      |         | Vinyl chloride                      | 2025/10/23    | ND,<br>RDL=0.50 |          | ug/L  |           |
|                |      |         | m & p-Xylene                        | 2025/10/23    | ND,<br>RDL=0.40 |          | ug/L  |           |
|                |      |         | o-Xylene                            | 2025/10/23    | ND,<br>RDL=0.40 |          | ug/L  |           |
|                |      |         | Xylenes (Total)                     | 2025/10/23    | ND,<br>RDL=0.40 |          | ug/L  |           |
|                |      |         | VH C6-C10                           | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,1,1,2-tetrachloroethane           | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,1,1-trichloroethane               | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,1,2,2-tetrachloroethane           | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,1,2Trichloro-1,2,2Trifluoroethane | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,1,2-trichloroethane               | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,1-dichloroethane                  | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,1-dichloroethene                  | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,2,3-trichlorobenzene              | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,2,4-trichlorobenzene              | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,2-dibromoethane                   | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,2-dichlorobenzene                 | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,2-dichloroethane                  | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,2-dichloropropane                 | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,3,5-trimethylbenzene              | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,3-dichlorobenzene                 | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | 1,4-dichlorobenzene                 | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Benzene                             | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Bromobenzene                        | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Bromodichloromethane                | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Bromoform                           | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Bromomethane                        | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Carbon tetrachloride                | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Chlorobenzene                       | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Dibromochloromethane                | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Chloroethane                        | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Chloroform                          | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Chloromethane                       | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | cis-1,2-dichloroethene              | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | cis-1,3-dichloropropene             | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Dichlorodifluoromethane             | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Dichloromethane                     | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Ethylbenzene                        | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Hexachlorobutadiene                 | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Isopropylbenzene                    | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Methyl-tert-butylether (MTBE)       | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Styrene                             | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Tetrachloroethene                   | 2025/10/23    | NC              |          | %     | 30        |
|                |      |         | Toluene                             | 2025/10/23    | NC              |          | %     | 30        |



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### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type                  | Parameter                                | Date Analyzed | Value              | Recovery | UNITS | QC Limits |
|-------------|------|--------------------------|------------------------------------------|---------------|--------------------|----------|-------|-----------|
| C134855     | JLP  | Spiked Blank             | trans-1,2-dichloroethene                 | 2025/10/23    | NC                 |          | %     | 30        |
|             |      |                          | trans-1,3-dichloropropene                | 2025/10/23    | NC                 |          | %     | 30        |
|             |      |                          | Trichloroethene                          | 2025/10/23    | NC                 |          | %     | 30        |
|             |      |                          | Trichlorofluoromethane                   | 2025/10/23    | NC                 |          | %     | 30        |
|             |      |                          | Vinyl chloride                           | 2025/10/23    | NC                 |          | %     | 30        |
|             |      |                          | m & p-Xylene                             | 2025/10/23    | NC                 |          | %     | 30        |
|             |      |                          | o-Xylene                                 | 2025/10/23    | NC                 |          | %     | 30        |
|             |      |                          | Xylenes (Total)                          | 2025/10/23    | NC                 |          | %     | 30        |
|             |      |                          | Alkalinity (Total as CaCO <sub>3</sub> ) | 2025/10/23    |                    | 95       | %     | 80 - 120  |
|             |      |                          | Alkalinity (PP as CaCO <sub>3</sub> )    | 2025/10/23    | ND,<br>RDL=1.0     |          | mg/L  |           |
| C134855     | JLP  | Method Blank             | Alkalinity (Total as CaCO <sub>3</sub> ) | 2025/10/23    | ND,<br>RDL=1.0     |          | mg/L  |           |
|             |      |                          | Bicarbonate (HCO <sub>3</sub> )          | 2025/10/23    | ND,<br>RDL=1.0     |          | mg/L  |           |
|             |      |                          | Carbonate (CO <sub>3</sub> )             | 2025/10/23    | ND,<br>RDL=1.0     |          | mg/L  |           |
|             |      |                          | Hydroxide (OH)                           | 2025/10/23    | ND,<br>RDL=1.0     |          | mg/L  |           |
|             |      |                          | Alkalinity (PP as CaCO <sub>3</sub> )    | 2025/10/23    | NC                 |          | %     | 20        |
|             |      |                          | Alkalinity (Total as CaCO <sub>3</sub> ) | 2025/10/23    | 0.13               |          | %     | 20        |
| C134861     | JLP  | RPD [DVK037-02]          | Bicarbonate (HCO <sub>3</sub> )          | 2025/10/23    | 0.13               |          | %     | 20        |
|             |      |                          | Carbonate (CO <sub>3</sub> )             | 2025/10/23    | NC                 |          | %     | 20        |
|             |      |                          | Hydroxide (OH)                           | 2025/10/23    | NC                 |          | %     | 20        |
|             |      |                          | pH                                       | 2025/10/23    |                    | 100      | %     | 97 - 103  |
|             |      |                          | pH                                       | 2025/10/23    | 0.24               |          | %     | N/A       |
| C134938     | BTM  | Matrix Spike [DVK030-05] | Total Organic Carbon (C)                 | 2025/10/23    |                    | 111      | %     | 80 - 120  |
| C134938     | BTM  | Spiked Blank             | Total Organic Carbon (C)                 | 2025/10/23    |                    | 95       | %     | 80 - 120  |
| C134938     | BTM  | Method Blank             | Total Organic Carbon (C)                 | 2025/10/23    | ND,<br>RDL=0.50    |          | mg/L  |           |
| C134938     | BTM  | RPD [DVK030-05]          | Total Organic Carbon (C)                 | 2025/10/23    | 3.7                |          | %     | 20        |
| C134970     | BB3  | Matrix Spike [DVK036-12] | Total Hex. Chromium (Cr 6+)              | 2025/10/23    |                    | 102      | %     | 80 - 120  |
| C134970     | BB3  | Spiked Blank             | Total Hex. Chromium (Cr 6+)              | 2025/10/23    |                    | 106      | %     | 80 - 120  |
| C134970     | BB3  | Method Blank             | Total Hex. Chromium (Cr 6+)              | 2025/10/23    | ND,<br>RDL=0.00099 |          | mg/L  |           |
| C134970     | BB3  | RPD [DVK036-12]          | Total Hex. Chromium (Cr 6+)              | 2025/10/23    | NC                 |          | %     | 20        |
| C134989     | JLP  | Matrix Spike             | Dissolved Fluoride (F)                   | 2025/10/24    |                    | 98       | %     | 80 - 120  |
| C134989     | JLP  | Spiked Blank             | Dissolved Fluoride (F)                   | 2025/10/24    |                    | 99       | %     | 80 - 120  |
| C134989     | JLP  | Method Blank             | Dissolved Fluoride (F)                   | 2025/10/24    | ND,<br>RDL=0.050   |          | mg/L  |           |
| C134989     | JLP  | RPD                      | Fluoride (F)                             | 2025/10/24    | NC                 |          | %     | 20        |
| C134996     | JLP  | Matrix Spike             | Dissolved Fluoride (F)                   | 2025/10/24    |                    | 103      | %     | 80 - 120  |
| C134996     | JLP  | Spiked Blank             | Dissolved Fluoride (F)                   | 2025/10/24    |                    | 98       | %     | 80 - 120  |
| C134996     | JLP  | Method Blank             | Dissolved Fluoride (F)                   | 2025/10/24    | ND,<br>RDL=0.050   |          | mg/L  |           |
| C134996     | JLP  | RPD                      | Fluoride (F)                             | 2025/10/24    | NC                 |          | %     | 20        |
| C135335     | JGL  | Matrix Spike             | Nitrate plus Nitrite (N)                 | 2025/10/24    |                    | NC       | %     | 80 - 120  |
| C135335     | JGL  | Spiked Blank             | Nitrate plus Nitrite (N)                 | 2025/10/24    |                    | 104      | %     | 80 - 120  |
| C135335     | JGL  | Method Blank             | Nitrate plus Nitrite (N)                 | 2025/10/24    | ND,<br>RDL=0.020   |          | mg/L  |           |
| C135335     | JGL  | RPD                      | Nitrate plus Nitrite (N)                 | 2025/10/24    | 0.58               |          | %     | 25        |
| C135337     | JGL  | Matrix Spike             | Nitrite (N)                              | 2025/10/24    |                    | 122 (2)  | %     | 80 - 120  |
| C135337     | JGL  | Spiked Blank             | Nitrite (N)                              | 2025/10/24    |                    | 107      | %     | 80 - 120  |



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Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type                  | Parameter                    | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|----------------|------|--------------------------|------------------------------|---------------|-------------------|----------|-------|-----------|
| C135337        | JGL  | Method Blank             | Nitrite (N)                  | 2025/10/24    | ND,<br>RDL=0.0050 |          | mg/L  |           |
| C135337        | JGL  | RPD                      | Nitrite (N)                  | 2025/10/24    | NC                |          | %     | 20        |
| C135798        | BTM  | Matrix Spike [DVK035-04] | Dissolved Organic Carbon (C) | 2025/10/24    |                   | 99       | %     | 80 - 120  |
| C135798        | BTM  | Spiked Blank             | Dissolved Organic Carbon (C) | 2025/10/24    |                   | 99       | %     | 80 - 120  |
| C135798        | BTM  | Method Blank             | Dissolved Organic Carbon (C) | 2025/10/24    | ND,<br>RDL=0.50   |          | mg/L  |           |
| C135798        | BTM  | RPD [DVK035-04]          | Dissolved Organic Carbon (C) | 2025/10/24    | NC                |          | %     | 20        |
| C136256        | GCM  | Matrix Spike [DVK035-05] | Total Phosphorus (P)         | 2025/10/25    |                   | 106      | %     | N/A       |
| C136256        | GCM  | Spiked Blank             | Total Phosphorus (P)         | 2025/10/25    |                   | 110      | %     | 80 - 120  |
| C136256        | GCM  | Method Blank             | Total Phosphorus (P)         | 2025/10/25    | ND,<br>RDL=0.0010 |          | mg/L  |           |
| C136256        | GCM  | RPD [DVK035-05]          | Total Phosphorus (P)         | 2025/10/25    | NC                |          | %     | 20        |
| C136259        | AA1  | Matrix Spike [DVK034-07] | Dissolved Aluminum (Al)      | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Dissolved Antimony (Sb)      | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |                          | Dissolved Arsenic (As)       | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |                          | Dissolved Barium (Ba)        | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |                          | Dissolved Beryllium (Be)     | 2025/10/24    |                   | 107      | %     | 80 - 120  |
|                |      |                          | Dissolved Bismuth (Bi)       | 2025/10/24    |                   | 98       | %     | 80 - 120  |
|                |      |                          | Dissolved Boron (B)          | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Dissolved Cadmium (Cd)       | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|                |      |                          | Dissolved Cesium (Cs)        | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |                          | Dissolved Chromium (Cr)      | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |                          | Dissolved Cobalt (Co)        | 2025/10/24    |                   | 97       | %     | 80 - 120  |
|                |      |                          | Dissolved Copper (Cu)        | 2025/10/24    |                   | 98       | %     | 80 - 120  |
|                |      |                          | Dissolved Iron (Fe)          | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Dissolved Lead (Pb)          | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|                |      |                          | Dissolved Lithium (Li)       | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |                          | Dissolved Manganese (Mn)     | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |                          | Dissolved Molybdenum (Mo)    | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |                          | Dissolved Nickel (Ni)        | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|                |      |                          | Dissolved Phosphorus (P)     | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |                          | Dissolved Rubidium (Rb)      | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |                          | Dissolved Selenium (Se)      | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |                          | Dissolved Silicon (Si)       | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |                          | Dissolved Silver (Ag)        | 2025/10/24    |                   | 97       | %     | 80 - 120  |
|                |      |                          | Dissolved Strontium (Sr)     | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Dissolved Tellurium (Te)     | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |                          | Dissolved Thallium (Tl)      | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |                          | Dissolved Thorium (Th)       | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |                          | Dissolved Tin (Sn)           | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |                          | Dissolved Titanium (Ti)      | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |                          | Dissolved Uranium (U)        | 2025/10/24    |                   | 95       | %     | 80 - 120  |
|                |      |                          | Dissolved Vanadium (V)       | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |                          | Dissolved Zinc (Zn)          | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |                          | Dissolved Zirconium (Zr)     | 2025/10/24    |                   | 101      | %     | 80 - 120  |
| C136259        | AA1  | Spiked Blank             | Dissolved Aluminum (Al)      | 2025/10/24    |                   | 107      | %     | 80 - 120  |
|                |      |                          | Dissolved Antimony (Sb)      | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |                          | Dissolved Arsenic (As)       | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |                          | Dissolved Barium (Ba)        | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |                          | Dissolved Beryllium (Be)     | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |                          | Dissolved Bismuth (Bi)       | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |                          | Dissolved Boron (B)          | 2025/10/24    |                   | 98       | %     | 80 - 120  |



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Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type      | Parameter                 | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|----------------|------|--------------|---------------------------|---------------|-------------------|----------|-------|-----------|
| C136259        | AA1  | Method Blank | Dissolved Cadmium (Cd)    | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |              | Dissolved Cesium (Cs)     | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |              | Dissolved Chromium (Cr)   | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |              | Dissolved Cobalt (Co)     | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |              | Dissolved Copper (Cu)     | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |              | Dissolved Iron (Fe)       | 2025/10/24    |                   | 107      | %     | 80 - 120  |
|                |      |              | Dissolved Lead (Pb)       | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |              | Dissolved Lithium (Li)    | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |              | Dissolved Manganese (Mn)  | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |              | Dissolved Molybdenum (Mo) | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |              | Dissolved Nickel (Ni)     | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |              | Dissolved Phosphorus (P)  | 2025/10/24    |                   | 105      | %     | 80 - 120  |
|                |      |              | Dissolved Rubidium (Rb)   | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |              | Dissolved Selenium (Se)   | 2025/10/24    |                   | 102      | %     | 80 - 120  |
|                |      |              | Dissolved Silicon (Si)    | 2025/10/24    |                   | 108      | %     | 80 - 120  |
|                |      |              | Dissolved Silver (Ag)     | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|                |      |              | Dissolved Strontium (Sr)  | 2025/10/24    |                   | 106      | %     | 80 - 120  |
|                |      |              | Dissolved Tellurium (Te)  | 2025/10/24    |                   | 104      | %     | 80 - 120  |
|                |      |              | Dissolved Thallium (Tl)   | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |              | Dissolved Thorium (Th)    | 2025/10/24    |                   | 100      | %     | 80 - 120  |
|                |      |              | Dissolved Tin (Sn)        | 2025/10/24    |                   | 101      | %     | 80 - 120  |
|                |      |              | Dissolved Titanium (Ti)   | 2025/10/24    |                   | 106      | %     | 80 - 120  |
|                |      |              | Dissolved Uranium (U)     | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |              | Dissolved Vanadium (V)    | 2025/10/24    |                   | 103      | %     | 80 - 120  |
|                |      |              | Dissolved Zinc (Zn)       | 2025/10/24    |                   | 109      | %     | 80 - 120  |
|                |      |              | Dissolved Zirconium (Zr)  | 2025/10/24    |                   | 99       | %     | 80 - 120  |
|                |      |              | Dissolved Aluminum (Al)   | 2025/10/24    | ND,<br>RDL=0.50   |          | ug/L  |           |
|                |      |              | Dissolved Antimony (Sb)   | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |              | Dissolved Arsenic (As)    | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |              | Dissolved Barium (Ba)     | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |              | Dissolved Beryllium (Be)  | 2025/10/24    | ND,<br>RDL=0.010  |          | ug/L  |           |
|                |      |              | Dissolved Bismuth (Bi)    | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |              | Dissolved Boron (B)       | 2025/10/24    | ND,<br>RDL=10     |          | ug/L  |           |
|                |      |              | Dissolved Cadmium (Cd)    | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |              | Dissolved Cesium (Cs)     | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |              | Dissolved Chromium (Cr)   | 2025/10/24    | ND,<br>RDL=0.10   |          | ug/L  |           |
|                |      |              | Dissolved Cobalt (Co)     | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |              | Dissolved Copper (Cu)     | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |              | Dissolved Iron (Fe)       | 2025/10/24    | ND,<br>RDL=1.0    |          | ug/L  |           |



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Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type         | Parameter                 | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|----------------|------|-----------------|---------------------------|---------------|-------------------|----------|-------|-----------|
|                |      |                 | Dissolved Lead (Pb)       | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |                 | Dissolved Lithium (Li)    | 2025/10/24    | ND,<br>RDL=0.50   |          | ug/L  |           |
|                |      |                 | Dissolved Manganese (Mn)  | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |                 | Dissolved Molybdenum (Mo) | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |                 | Dissolved Nickel (Ni)     | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |                 | Dissolved Phosphorus (P)  | 2025/10/24    | ND,<br>RDL=2.0    |          | ug/L  |           |
|                |      |                 | Dissolved Rubidium (Rb)   | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |                 | Dissolved Selenium (Se)   | 2025/10/24    | ND,<br>RDL=0.040  |          | ug/L  |           |
|                |      |                 | Dissolved Silicon (Si)    | 2025/10/24    | ND,<br>RDL=50     |          | ug/L  |           |
|                |      |                 | Dissolved Silver (Ag)     | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |                 | Dissolved Strontium (Sr)  | 2025/10/24    | ND,<br>RDL=0.050  |          | ug/L  |           |
|                |      |                 | Dissolved Tellurium (Te)  | 2025/10/24    | ND,<br>RDL=0.020  |          | ug/L  |           |
|                |      |                 | Dissolved Thallium (Tl)   | 2025/10/24    | ND,<br>RDL=0.0020 |          | ug/L  |           |
|                |      |                 | Dissolved Thorium (Th)    | 2025/10/24    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|                |      |                 | Dissolved Tin (Sn)        | 2025/10/24    | ND,<br>RDL=0.20   |          | ug/L  |           |
|                |      |                 | Dissolved Titanium (Ti)   | 2025/10/24    | ND,<br>RDL=0.50   |          | ug/L  |           |
|                |      |                 | Dissolved Uranium (U)     | 2025/10/24    | ND,<br>RDL=0.0020 |          | ug/L  |           |
|                |      |                 | Dissolved Vanadium (V)    | 2025/10/24    | ND,<br>RDL=0.20   |          | ug/L  |           |
|                |      |                 | Dissolved Zinc (Zn)       | 2025/10/24    | ND,<br>RDL=0.10   |          | ug/L  |           |
|                |      |                 | Dissolved Zirconium (Zr)  | 2025/10/24    | ND,<br>RDL=0.10   |          | ug/L  |           |
| C136259        | AA1  | RPD [DVK034-07] | Dissolved Aluminum (Al)   | 2025/10/24    | 3.7               |          | %     | 20        |
|                |      |                 | Dissolved Antimony (Sb)   | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Dissolved Arsenic (As)    | 2025/10/24    | 3.8               |          | %     | 20        |
|                |      |                 | Dissolved Barium (Ba)     | 2025/10/24    | 0.83              |          | %     | 20        |
|                |      |                 | Dissolved Beryllium (Be)  | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Dissolved Bismuth (Bi)    | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Dissolved Boron (B)       | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Dissolved Cadmium (Cd)    | 2025/10/24    | 8.8               |          | %     | 20        |
|                |      |                 | Dissolved Cesium (Cs)     | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Dissolved Chromium (Cr)   | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                 | Dissolved Cobalt (Co)     | 2025/10/24    | 4.2               |          | %     | 20        |
|                |      |                 | Dissolved Copper (Cu)     | 2025/10/24    | 0.15              |          | %     | 20        |
|                |      |                 | Dissolved Iron (Fe)       | 2025/10/24    | 3.3               |          | %     | 20        |
|                |      |                 | Dissolved Lead (Pb)       | 2025/10/24    | 15                |          | %     | 20        |





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### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type                  | Parameter                 | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|----------------|------|--------------------------|---------------------------|---------------|-------------------|----------|-------|-----------|
|                |      |                          | Dissolved Lithium (Li)    | 2025/10/24    | 2.1               |          | %     | 20        |
|                |      |                          | Dissolved Manganese (Mn)  | 2025/10/24    | 1.6               |          | %     | 20        |
|                |      |                          | Dissolved Molybdenum (Mo) | 2025/10/24    | 4.8               |          | %     | 20        |
|                |      |                          | Dissolved Nickel (Ni)     | 2025/10/24    | 19                |          | %     | 20        |
|                |      |                          | Dissolved Phosphorus (P)  | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                          | Dissolved Rubidium (Rb)   | 2025/10/24    | 2.4               |          | %     | 20        |
|                |      |                          | Dissolved Selenium (Se)   | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                          | Dissolved Silicon (Si)    | 2025/10/24    | 0.87              |          | %     | 20        |
|                |      |                          | Dissolved Silver (Ag)     | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                          | Dissolved Strontium (Sr)  | 2025/10/24    | 1.7               |          | %     | 20        |
|                |      |                          | Dissolved Tellurium (Te)  | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                          | Dissolved Thallium (Tl)   | 2025/10/24    | 3.5               |          | %     | 20        |
|                |      |                          | Dissolved Thorium (Th)    | 2025/10/24    | 11                |          | %     | 20        |
|                |      |                          | Dissolved Tin (Sn)        | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                          | Dissolved Titanium (Ti)   | 2025/10/24    | NC                |          | %     | 20        |
|                |      |                          | Dissolved Uranium (U)     | 2025/10/24    | 1.0               |          | %     | 20        |
|                |      |                          | Dissolved Vanadium (V)    | 2025/10/24    | 3.5               |          | %     | 20        |
|                |      |                          | Dissolved Zinc (Zn)       | 2025/10/24    | 1.3               |          | %     | 20        |
|                |      |                          | Dissolved Zirconium (Zr)  | 2025/10/24    | NC                |          | %     | 20        |
| C136639        | VMP  | Matrix Spike             | Total Dissolved Solids    | 2025/10/25    |                   | 104      | %     | 80 - 120  |
| C136639        | VMP  | Spiked Blank             | Total Dissolved Solids    | 2025/10/25    |                   | 104      | %     | 80 - 120  |
| C136639        | VMP  | Method Blank             | Total Dissolved Solids    | 2025/10/25    | ND,<br>RDL=10     |          | mg/L  |           |
| C136639        | VMP  | RPD                      | Total Dissolved Solids    | 2025/10/25    | 0                 |          | %     | 20        |
| C137327        | BB3  | Matrix Spike             | Total Ammonia (N)         | 2025/10/27    |                   | 95       | %     | 80 - 120  |
| C137327        | BB3  | Spiked Blank             | Total Ammonia (N)         | 2025/10/27    |                   | 102      | %     | 80 - 120  |
| C137327        | BB3  | Method Blank             | Total Ammonia (N)         | 2025/10/27    | ND,<br>RDL=0.015  |          | mg/L  |           |
| C137327        | BB3  | RPD                      | Total Ammonia (N)         | 2025/10/27    | NC                |          | %     | 20        |
| C137342        | BB3  | Matrix Spike [DVK036-11] | Total Ammonia (N)         | 2025/10/27    |                   | 96       | %     | 80 - 120  |
| C137342        | BB3  | Spiked Blank             | Total Ammonia (N)         | 2025/10/27    |                   | 101      | %     | 80 - 120  |
| C137342        | BB3  | Method Blank             | Total Ammonia (N)         | 2025/10/27    | ND,<br>RDL=0.015  |          | mg/L  |           |
| C137342        | BB3  | RPD [DVK036-11]          | Total Ammonia (N)         | 2025/10/27    | NC                |          | %     | 20        |
| C138158        | MDO  | Matrix Spike             | Phenols                   | 2025/10/26    |                   | 103      | %     | 80 - 120  |
| C138158        | MDO  | Spiked Blank             | Phenols                   | 2025/10/26    |                   | 100      | %     | 80 - 120  |
| C138158        | MDO  | Method Blank             | Phenols                   | 2025/10/26    | ND,<br>RDL=0.0015 |          | mg/L  |           |
| C138158        | MDO  | RPD                      | Phenols                   | 2025/10/26    | NC                |          | %     | 20        |
| C138654        | NJD  | Matrix Spike             | Total Sulphide            | 2025/10/28    |                   | 78 (2)   | %     | 80 - 120  |
| C138654        | NJD  | Spiked Blank             | Total Sulphide            | 2025/10/28    |                   | 90       | %     | 80 - 120  |
| C138654        | NJD  | Method Blank             | Total Sulphide            | 2025/10/28    | ND,<br>RDL=0.0018 |          | mg/L  |           |
| C138654        | NJD  | RPD                      | Total Sulphide            | 2025/10/28    | NC                |          | %     | 20        |
| C138717        | AAX  | Matrix Spike             | Methyl Sulfone (sur.)     | 2025/10/27    |                   | 90       | %     | 50 - 140  |
|                |      |                          | Ethylene Glycol           | 2025/10/27    |                   | 92       | %     | 60 - 140  |
|                |      |                          | Diethylene Glycol         | 2025/10/27    |                   | 108      | %     | 60 - 140  |
|                |      |                          | Triethylene Glycol        | 2025/10/27    |                   | 103      | %     | 60 - 140  |
|                |      |                          | Propylene Glycol          | 2025/10/27    |                   | 92       | %     | 60 - 140  |
| C138717        | AAX  | Spiked Blank             | Methyl Sulfone (sur.)     | 2025/10/27    |                   | 89       | %     | 50 - 140  |
|                |      |                          | Ethylene Glycol           | 2025/10/27    |                   | 90       | %     | 70 - 130  |
|                |      |                          | Diethylene Glycol         | 2025/10/27    |                   | 105      | %     | 70 - 130  |
|                |      |                          | Triethylene Glycol        | 2025/10/27    |                   | 101      | %     | 70 - 130  |



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type                  | Parameter                | Date Analyzed | Value            | Recovery | UNITS | QC Limits |
|-------------|------|--------------------------|--------------------------|---------------|------------------|----------|-------|-----------|
| C138717     | AAX  | Method Blank             | Propylene Glycol         | 2025/10/27    |                  | 89       | %     | 70 - 130  |
|             |      |                          | Methyl Sulfone (sur.)    | 2025/10/27    |                  | 85       | %     | 50 - 140  |
|             |      |                          | Ethylene Glycol          | 2025/10/27    | ND,<br>RDL=3.0   |          | mg/L  |           |
|             |      |                          | Diethylene Glycol        | 2025/10/27    | ND,<br>RDL=5.0   |          | mg/L  |           |
|             |      |                          | Triethylene Glycol       | 2025/10/27    | ND,<br>RDL=5.0   |          | mg/L  |           |
|             |      |                          | Propylene Glycol         | 2025/10/27    | ND,<br>RDL=5.0   |          | mg/L  |           |
| C138717     | AAX  | RPD                      | Ethylene Glycol          | 2025/10/27    | NC               |          | %     | 30        |
|             |      |                          | Diethylene Glycol        | 2025/10/27    | NC               |          | %     | 30        |
|             |      |                          | Triethylene Glycol       | 2025/10/27    | NC               |          | %     | 30        |
|             |      |                          | Propylene Glycol         | 2025/10/27    | NC               |          | %     | 30        |
| C138770     | AD5  | Matrix Spike             | Bromide (Br)             | 2025/10/27    |                  | 108      | %     | 78 - 120  |
| C138770     | AD5  | Spiked Blank             | Bromide (Br)             | 2025/10/27    |                  | 99       | %     | 80 - 120  |
| C138770     | AD5  | Method Blank             | Bromide (Br)             | 2025/10/27    | ND,<br>RDL=0.010 |          | mg/L  |           |
| C138770     | AD5  | RPD                      | Bromide (Br)             | 2025/10/27    | 3.0              |          | %     | 20        |
| C138795     | AD5  | Matrix Spike [DVK034-02] | Bromide (Br)             | 2025/10/27    |                  | 95       | %     | 78 - 120  |
| C138795     | AD5  | Spiked Blank             | Bromide (Br)             | 2025/10/27    |                  | 102      | %     | 80 - 120  |
| C138795     | AD5  | Method Blank             | Bromide (Br)             | 2025/10/27    | ND,<br>RDL=0.010 |          | mg/L  |           |
| C138795     | AD5  | RPD [DVK034-02]          | Bromide (Br)             | 2025/10/27    | NC               |          | %     | 20        |
| C138825     | BB3  | Matrix Spike             | Total Nitrogen (N)       | 2025/10/28    |                  | 101      | %     | 80 - 120  |
| C138825     | BB3  | Spiked Blank             | Total Nitrogen (N)       | 2025/10/28    |                  | 102      | %     | 80 - 120  |
| C138825     | BB3  | Method Blank             | Total Nitrogen (N)       | 2025/10/28    | ND,<br>RDL=0.020 |          | mg/L  |           |
| C138825     | BB3  | RPD                      | Total Nitrogen (N)       | 2025/10/28    | 5.3              |          | %     | 20        |
| C139328     | KA5  | Matrix Spike             | Total Dissolved Solids   | 2025/10/28    |                  | 101      | %     | 80 - 120  |
| C139328     | KA5  | Spiked Blank             | Total Dissolved Solids   | 2025/10/28    |                  | 98       | %     | 80 - 120  |
| C139328     | KA5  | Method Blank             | Total Dissolved Solids   | 2025/10/28    | ND,<br>RDL=10    |          | mg/L  |           |
| C139328     | KA5  | RPD [DVK034-03]          | Total Dissolved Solids   | 2025/10/28    | 0                |          | %     | 20        |
| C139997     | JP1  | Matrix Spike             | D10-ANTHRACENE (sur.)    | 2025/10/28    |                  | 89       | %     | 50 - 140  |
|             |      |                          | D8-ACENAPHTHYLENE (sur.) | 2025/10/28    |                  | 91       | %     | 50 - 140  |
|             |      |                          | D8-NAPHTHALENE (sur.)    | 2025/10/28    |                  | 88       | %     | 50 - 140  |
|             |      |                          | TERPHENYL-D14 (sur.)     | 2025/10/28    |                  | 78       | %     | 50 - 140  |
|             |      |                          | Quinoline                | 2025/10/28    |                  | 92       | %     | 50 - 140  |
|             |      |                          | Naphthalene              | 2025/10/28    |                  | 73       | %     | 50 - 140  |
|             |      |                          | 1-Methylnaphthalene      | 2025/10/28    |                  | 77       | %     | 50 - 140  |
|             |      |                          | 2-Methylnaphthalene      | 2025/10/28    |                  | 74       | %     | 50 - 140  |
|             |      |                          | Acenaphthylene           | 2025/10/28    |                  | 79       | %     | 50 - 140  |
|             |      |                          | Acenaphthene             | 2025/10/28    |                  | 79       | %     | 50 - 140  |
|             |      |                          | Fluorene                 | 2025/10/28    |                  | 84       | %     | 50 - 140  |
|             |      |                          | Phenanthrene             | 2025/10/28    |                  | 76       | %     | 50 - 140  |
|             |      |                          | Anthracene               | 2025/10/28    |                  | 75       | %     | 50 - 140  |
|             |      |                          | Acridine                 | 2025/10/28    |                  | 85       | %     | 50 - 140  |
|             |      |                          | Fluoranthene             | 2025/10/28    |                  | 67       | %     | 50 - 140  |
|             |      |                          | Pyrene                   | 2025/10/28    |                  | 71       | %     | 50 - 140  |
|             |      |                          | Benzo(a)anthracene       | 2025/10/28    |                  | 72       | %     | 50 - 140  |
|             |      |                          | Chrysene                 | 2025/10/28    |                  | 70       | %     | 50 - 140  |
|             |      |                          | Benzo(b&j)fluoranthene   | 2025/10/28    |                  | 59       | %     | 50 - 140  |



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HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type      | Parameter                | Date Analyzed | Value            | Recovery | UNITS | QC Limits |
|----------------|------|--------------|--------------------------|---------------|------------------|----------|-------|-----------|
| C139997        | JP1  | Spiked Blank | Benzo(k)fluoranthene     | 2025/10/28    |                  | 53       | %     | 50 - 140  |
|                |      |              | Benzo(a)pyrene           | 2025/10/28    |                  | 51       | %     | 50 - 140  |
|                |      |              | Indeno(1,2,3-cd)pyrene   | 2025/10/28    |                  | 42 (2)   | %     | 50 - 140  |
|                |      |              | Dibenz(a,h)anthracene    | 2025/10/28    |                  | 41 (2)   | %     | 50 - 140  |
|                |      |              | Benzo(g,h,i)perylene     | 2025/10/28    |                  | 42 (2)   | %     | 50 - 140  |
|                |      |              | D10-ANTHRACENE (sur.)    | 2025/10/28    |                  | 93       | %     | 50 - 140  |
|                |      |              | D8-ACENAPHTHYLENE (sur.) | 2025/10/28    |                  | 89       | %     | 50 - 140  |
|                |      |              | D8-NAPHTHALENE (sur.)    | 2025/10/28    |                  | 80       | %     | 50 - 140  |
|                |      |              | TERPHENYL-D14 (sur.)     | 2025/10/28    |                  | 79       | %     | 50 - 140  |
|                |      |              | Quinoline                | 2025/10/28    |                  | 95       | %     | 50 - 140  |
|                |      |              | Naphthalene              | 2025/10/28    |                  | 68       | %     | 50 - 140  |
|                |      |              | 1-Methylnaphthalene      | 2025/10/28    |                  | 74       | %     | 50 - 140  |
|                |      |              | 2-Methylnaphthalene      | 2025/10/28    |                  | 70       | %     | 50 - 140  |
|                |      |              | Acenaphthylene           | 2025/10/28    |                  | 78       | %     | 50 - 140  |
|                |      |              | Acenaphthene             | 2025/10/28    |                  | 77       | %     | 50 - 140  |
|                |      |              | Fluorene                 | 2025/10/28    |                  | 79       | %     | 50 - 140  |
|                |      |              | Phenanthrene             | 2025/10/28    |                  | 76       | %     | 50 - 140  |
|                |      |              | Anthracene               | 2025/10/28    |                  | 78       | %     | 50 - 140  |
|                |      |              | Acridine                 | 2025/10/28    |                  | 85       | %     | 50 - 140  |
|                |      |              | Fluoranthene             | 2025/10/28    |                  | 54       | %     | 50 - 140  |
|                |      |              | Pyrene                   | 2025/10/28    |                  | 54       | %     | 50 - 140  |
|                |      |              | Benzo(a)anthracene       | 2025/10/28    |                  | 84       | %     | 50 - 140  |
|                |      |              | Chrysene                 | 2025/10/28    |                  | 88       | %     | 50 - 140  |
|                |      |              | Benzo(b&j)fluoranthene   | 2025/10/28    |                  | 82       | %     | 50 - 140  |
|                |      |              | Benzo(k)fluoranthene     | 2025/10/28    |                  | 85       | %     | 50 - 140  |
|                |      |              | Benzo(a)pyrene           | 2025/10/28    |                  | 77       | %     | 50 - 140  |
|                |      |              | Indeno(1,2,3-cd)pyrene   | 2025/10/28    |                  | 80       | %     | 50 - 140  |
|                |      |              | Dibenz(a,h)anthracene    | 2025/10/28    |                  | 80       | %     | 50 - 140  |
|                |      |              | Benzo(g,h,i)perylene     | 2025/10/28    |                  | 80       | %     | 50 - 140  |
| C139997        | JP1  | Method Blank | D10-ANTHRACENE (sur.)    | 2025/10/28    |                  | 99       | %     | 50 - 140  |
|                |      |              | D8-ACENAPHTHYLENE (sur.) | 2025/10/28    |                  | 96       | %     | 50 - 140  |
|                |      |              | D8-NAPHTHALENE (sur.)    | 2025/10/28    |                  | 89       | %     | 50 - 140  |
|                |      |              | TERPHENYL-D14 (sur.)     | 2025/10/28    |                  | 71       | %     | 50 - 140  |
|                |      |              | Quinoline                | 2025/10/28    | ND,<br>RDL=0.020 |          | ug/L  |           |
|                |      |              | Naphthalene              | 2025/10/28    | ND,<br>RDL=0.10  |          | ug/L  |           |
|                |      |              | 1-Methylnaphthalene      | 2025/10/28    | ND,<br>RDL=0.050 |          | ug/L  |           |
|                |      |              | 2-Methylnaphthalene      | 2025/10/28    | ND,<br>RDL=0.10  |          | ug/L  |           |
|                |      |              | Acenaphthylene           | 2025/10/28    | ND,<br>RDL=0.050 |          | ug/L  |           |
|                |      |              | Acenaphthene             | 2025/10/28    | ND,<br>RDL=0.050 |          | ug/L  |           |
|                |      |              | Fluorene                 | 2025/10/28    | ND,<br>RDL=0.050 |          | ug/L  |           |
|                |      |              | Phenanthrene             | 2025/10/28    | ND,<br>RDL=0.050 |          | ug/L  |           |
|                |      |              | Anthracene               | 2025/10/28    | ND,<br>RDL=0.010 |          | ug/L  |           |
|                |      |              | Acridine                 | 2025/10/28    | ND,<br>RDL=0.050 |          | ug/L  |           |
|                |      |              |                          |               |                  |          |       |           |
|                |      |              |                          |               |                  |          |       |           |
|                |      |              |                          |               |                  |          |       |           |
|                |      |              |                          |               |                  |          |       |           |
|                |      |              |                          |               |                  |          |       |           |
|                |      |              |                          |               |                  |          |       |           |
|                |      |              |                          |               |                  |          |       |           |
|                |      |              |                          |               |                  |          |       |           |
|                |      |              |                          |               |                  |          |       |           |
|                |      |              |                          |               |                  |          |       |           |
|                |      |              |                          |               |                  |          |       |           |



Bureau Veritas Job #: C588134  
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HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type      | Parameter              | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|-------------|------|--------------|------------------------|---------------|-------------------|----------|-------|-----------|
| C139997     | JP1  | RPD          | Fluoranthene           | 2025/10/28    | ND,<br>RDL=0.020  |          | ug/L  |           |
|             |      |              | Pyrene                 | 2025/10/28    | ND,<br>RDL=0.020  |          | ug/L  |           |
|             |      |              | Benzo(a)anthracene     | 2025/10/28    | ND,<br>RDL=0.010  |          | ug/L  |           |
|             |      |              | Chrysene               | 2025/10/28    | ND,<br>RDL=0.020  |          | ug/L  |           |
|             |      |              | Benzo(b&j)fluoranthene | 2025/10/28    | ND,<br>RDL=0.030  |          | ug/L  |           |
|             |      |              | Benzo(k)fluoranthene   | 2025/10/28    | ND,<br>RDL=0.050  |          | ug/L  |           |
|             |      |              | Benzo(a)pyrene         | 2025/10/28    | ND,<br>RDL=0.0050 |          | ug/L  |           |
|             |      |              | Indeno(1,2,3-cd)pyrene | 2025/10/28    | ND,<br>RDL=0.050  |          | ug/L  |           |
|             |      |              | Dibenz(a,h)anthracene  | 2025/10/28    | ND,<br>RDL=0.0030 |          | ug/L  |           |
|             |      |              | Benzo(g,h,i)perylene   | 2025/10/28    | ND,<br>RDL=0.050  |          | ug/L  |           |
|             |      |              | Quinoline              | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Naphthalene            | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | 1-Methylnaphthalene    | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | 2-Methylnaphthalene    | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Acenaphthylene         | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Acenaphthene           | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Fluorene               | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Phenanthrene           | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Anthracene             | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Acridine               | 2025/10/28    | NC                |          | %     | 40        |
| C140007     | IT1  | Matrix Spike | Fluoranthene           | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Pyrene                 | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Benzo(a)anthracene     | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Chrysene               | 2025/10/28    | NC                |          | %     | 40        |
| C140007     | IT1  | Spiked Blank | Benzo(b&j)fluoranthene | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Benzo(k)fluoranthene   | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Benzo(a)pyrene         | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Indeno(1,2,3-cd)pyrene | 2025/10/28    | NC                |          | %     | 40        |
| C140007     | IT1  | Method Blank | Dibenz(a,h)anthracene  | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | Benzo(g,h,i)perylene   | 2025/10/28    | NC                |          | %     | 40        |
|             |      |              | O-TERPHENYL (sur.)     | 2025/10/29    |                   | 104      | %     | 60 - 140  |
|             |      |              | EPH (C10-C19)          | 2025/10/29    |                   | 89       | %     | 60 - 140  |
| C140007     | IT1  | Method Blank | EPH (C19-C32)          | 2025/10/29    |                   | 115      | %     | 60 - 140  |
|             |      |              | O-TERPHENYL (sur.)     | 2025/10/28    |                   | 102      | %     | 60 - 140  |
|             |      |              | EPH (C10-C19)          | 2025/10/28    |                   | 96       | %     | 70 - 130  |
|             |      |              | EPH (C19-C32)          | 2025/10/28    |                   | 117      | %     | 70 - 130  |
| C140007     | IT1  | Method Blank | O-TERPHENYL (sur.)     | 2025/10/28    |                   | 105      | %     | 60 - 140  |
|             |      |              | EPH (C10-C19)          | 2025/10/28    | ND,<br>RDL=0.20   |          | mg/L  |           |
|             |      |              | EPH (C19-C32)          | 2025/10/28    | ND,<br>RDL=0.20   |          | mg/L  |           |
|             |      |              | EPH (C10-C19)          | 2025/10/28    | NC                |          | %     | 30        |
| C140007     | IT1  | RPD          | EPH (C19-C32)          | 2025/10/28    | NC                |          | %     | 30        |



### QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC<br>Batch | Init | QC Type      | Parameter              | Date Analyzed | Value             | Recovery | UNITS | QC Limits |
|----------------|------|--------------|------------------------|---------------|-------------------|----------|-------|-----------|
| C140042        | IC4  | Matrix Spike | Dissolved Mercury (Hg) | 2025/10/28    |                   | 94       | %     | 80 - 120  |
| C140042        | IC4  | Spiked Blank | Dissolved Mercury (Hg) | 2025/10/28    |                   | 94       | %     | 80 - 120  |
| C140042        | IC4  | Method Blank | Dissolved Mercury (Hg) | 2025/10/28    | ND,<br>RDL=0.0019 |          | ug/L  |           |
| C140042        | IC4  | RPD          | Dissolved Mercury (Hg) | 2025/10/28    | NC                |          | %     | 20        |
| C140527        | IC4  | Spiked Blank | Total Mercury (Hg)     | 2025/10/28    |                   | 94       | %     | 80 - 120  |
| C140527        | IC4  | Method Blank | Total Mercury (Hg)     | 2025/10/28    | ND,<br>RDL=0.0019 |          | ug/L  |           |

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Method blank exceeds acceptance limits- 2X RDL acceptable for low level metals determination.

(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.



Bureau Veritas Job #: C588134  
Report Date: 2025/11/05

HATFIELD CONSULTANTS  
Client Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
Your P.O. #: 4800010213

### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

Ghayasuddin Khan, M.Sc., P.Chem., QP, Scientific Specialist, Inorganics

Kimberly Tamaki, Scientist, Ecotoxicology

Levi Manchak, Project Manager SR

Pushpa Gurung, Laboratory Supervisor

Bureau Veritas Certified by Ghayasuddin Khan, M.Sc., P.Chem., QP, Scientific Specialist, Inorganics

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rob Gilbert, BBY General Manager responsible for British Columbia Environmental laboratory operations.



C588134  
2025/10/21 16:25

eCOC: W116653

Expected TAT: Standard TAT  
Expected Arrival: 2025/10/21 16:45  
Submitted By: Adrienne Trac  
Submitted To: Burnaby ENV: 4606  
Canada Way

#### Invoice Information

Attn: Accounts Payable  
Fortis BC Energy Inc  
16705 Fraser Hwy  
Surrey, BC, V4N 0E8  
Email to: einvoices@fortisbc.com

#### Report Information

Attn: Brett Lucas  
HATFIELD CONSULTANTS  
200-850 Harbourside Dr  
North Vancouver, BC, V7P 0A3  
Email to:  
blucas@hatfieldgroup.com  
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danielle.samelis@fortisbc.com  
smangwani@hatfieldgroup.com  
atrac@hatfieldgroup.com

#### Project Information

Quote #: C50083  
PO/AFE#: 4800010213  
Project #: Fortis11234/PE-110163  
Site Location: Woodfibre Pipeline Project

#### Analytical Summary

A: Standard TAT

| Client Sample ID | Clnt Ref | Sampling Date/Time | Matrix | #Cont | Woodfibre 2025 | Woodfibre Additional 2025 | Woodfibre Blank 2025 | Rainbow Trout LC50 Multi-concentration | Set Number |
|------------------|----------|--------------------|--------|-------|----------------|---------------------------|----------------------|----------------------------------------|------------|
| WLNG-DS          | 1        | 2025/10/21         | WATER  | 14    | A              |                           |                      |                                        | 1          |
| WLNG-EDP         | 2        | 2025/10/21         | WATER  | 22    | A              | A                         |                      | A                                      | 2          |
| WLNG-US          | 3        | 2025/10/21         | WATER  | 14    | A              |                           |                      |                                        | 1          |
| SORI-US          | 4        | 2025/10/21         | WATER  | 14    | A              |                           |                      |                                        | 1          |
| SORI-DS          | 5        | 2025/10/21         | WATER  | 14    | A              |                           |                      |                                        | 1          |
| Field Blank      | 6        | 2025/10/21         | WATER  | 14    |                |                           | A                    |                                        | 3          |
| Trip Blank       | 7        | 2025/10/21         | WATER  | 14    |                |                           | A                    |                                        | 3          |
| DUP              | 8        | 2025/10/21         | WATER  | 18    | A              | A                         |                      |                                        | 4          |

Deadlines are estimates only and are subject to change. Please refer to your Job Confirmation report for final due dates.

#### Submission Information

# of Samples: 8

SP/Sangay Saipenpuduy Paramasan

2025/10/21

C.S-No

16:25

16-46

7- 13/12/12

12/12/12

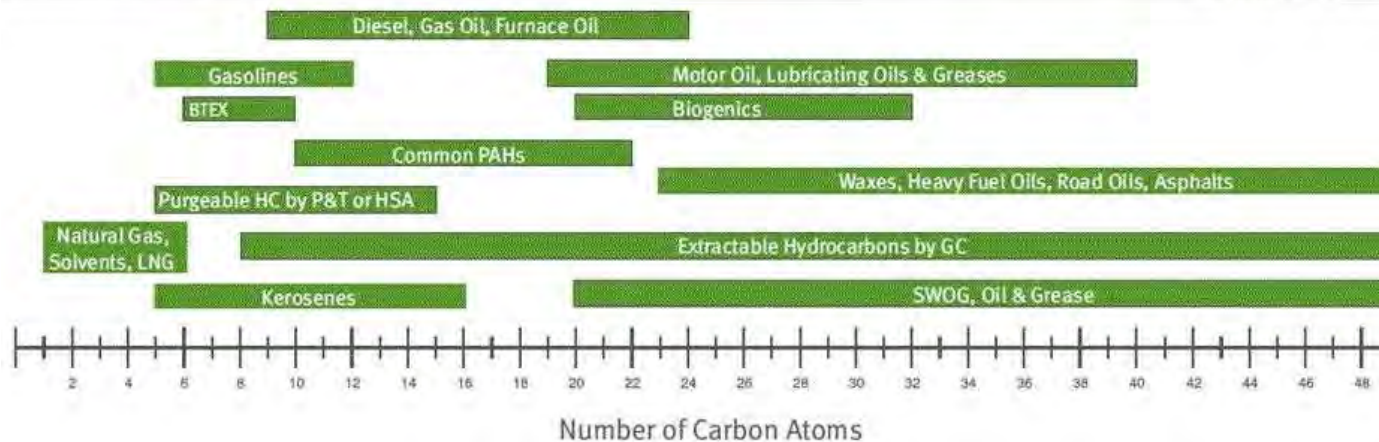
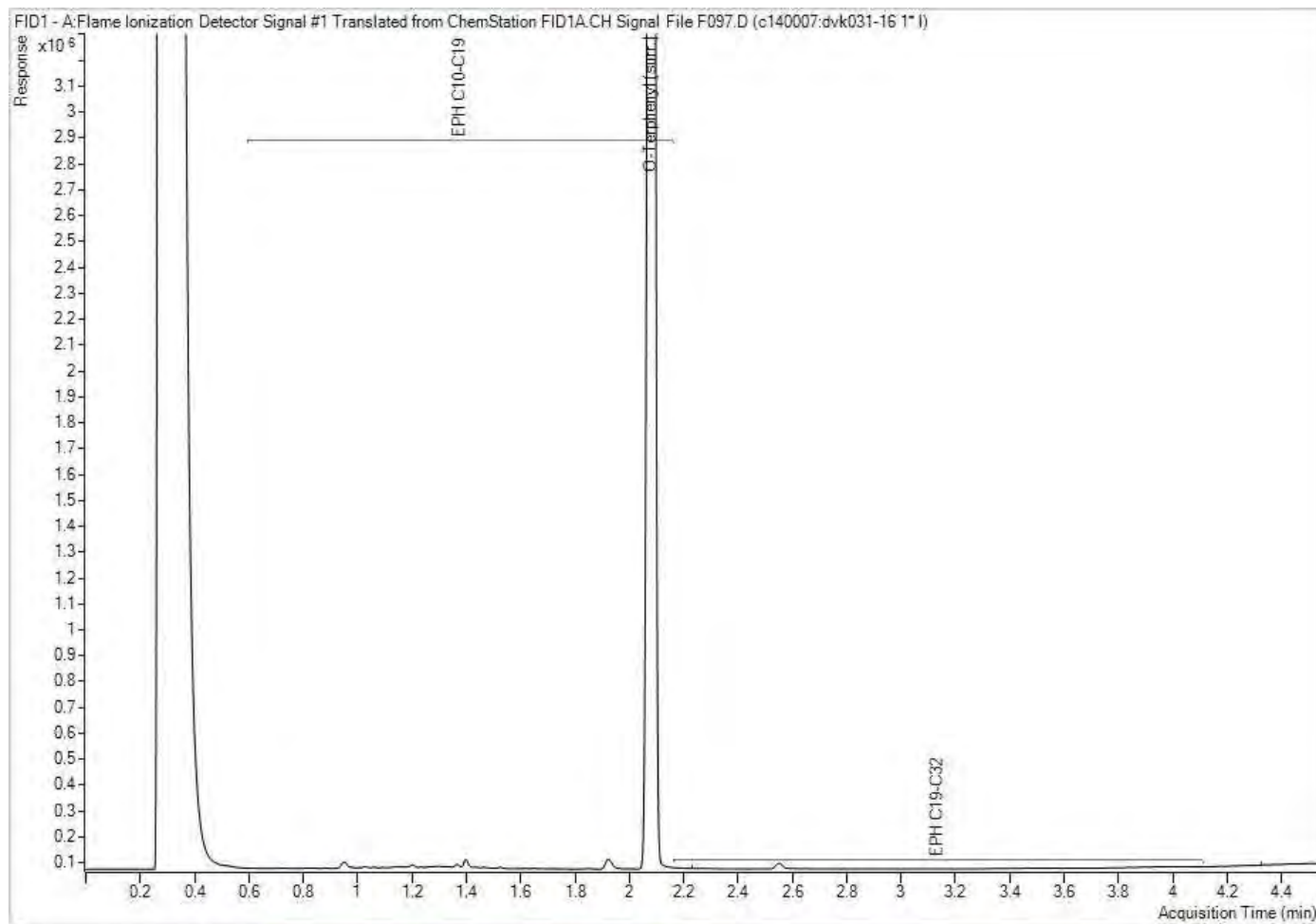
14/12/13



MVAN-2025-10-1727



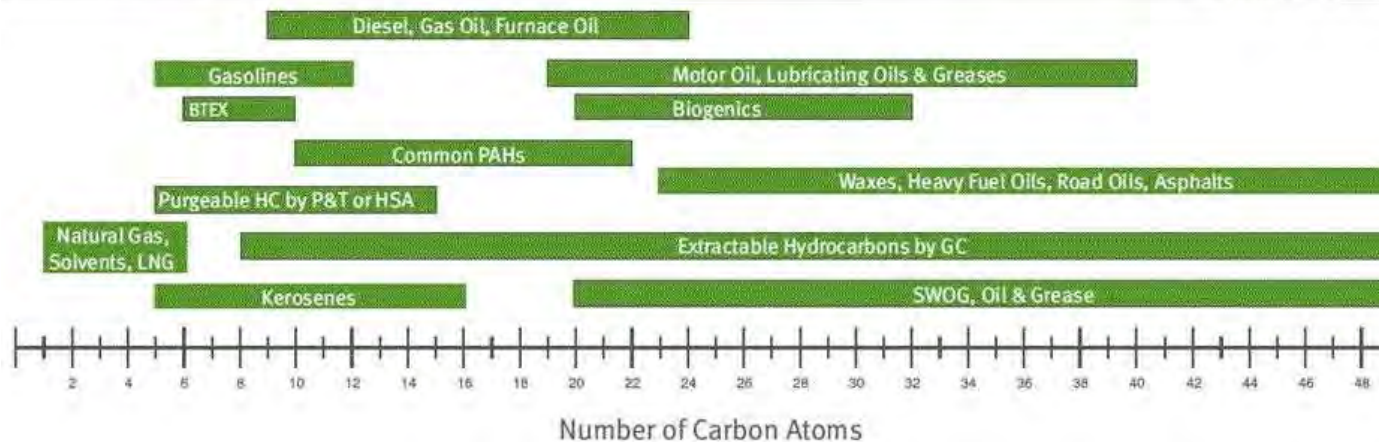
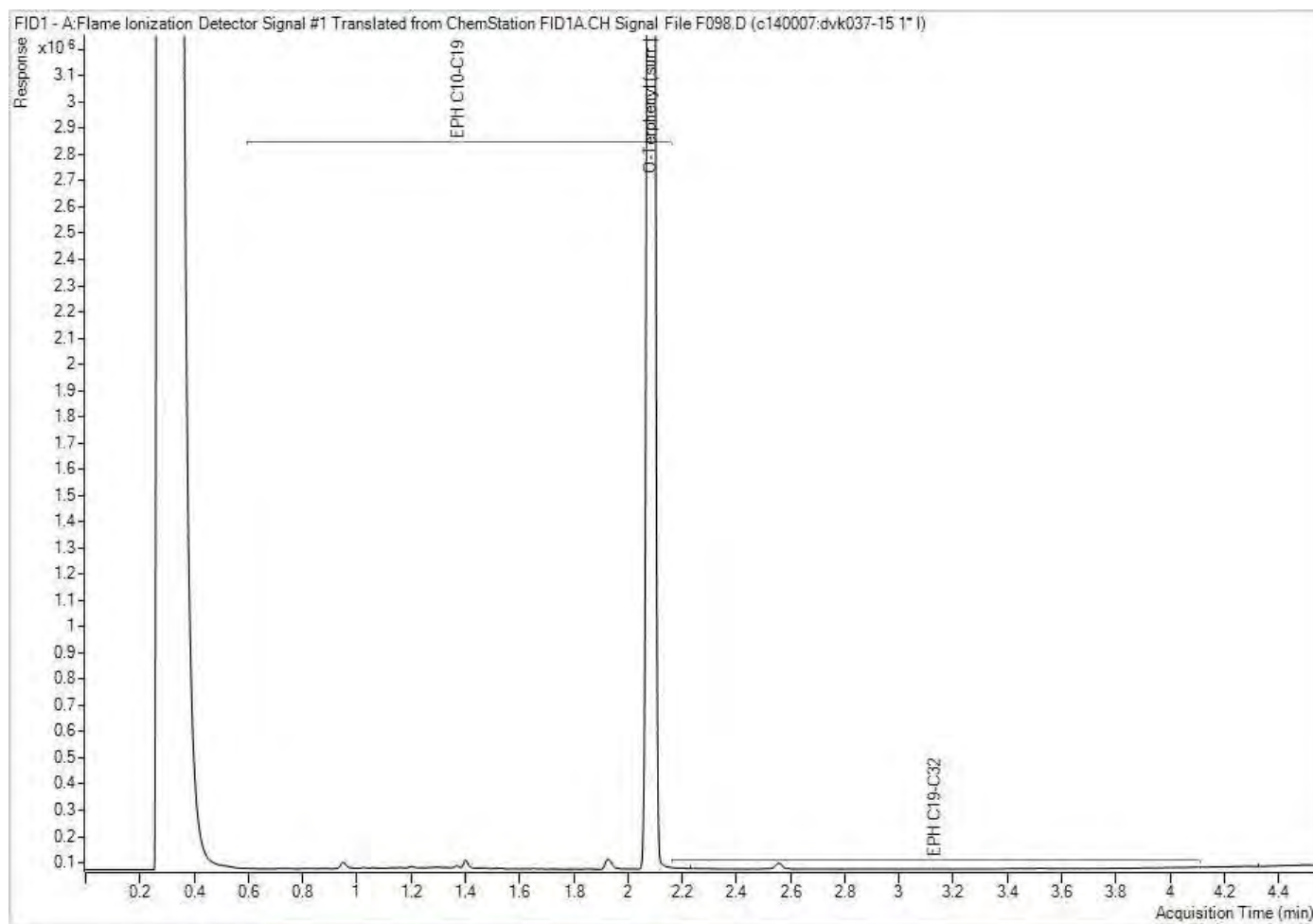
EPH in Water when PAH required Chromatogram



Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.



# EPH in Water when PAH required Chromatogram



**Note:** This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.



eCOC: W116653



Project Information: C588134  
Job Received: 2025/10/21 16:25  
Expected TAT: Standard TAT  
Expected Arrival: 2025/10/21 16:45  
Submitted By: Adrienne Trac  
Submitted To: Burnaby ENV: 4606  
Canada Way

#### Invoice Information

Attn: Accounts Payable  
Fortis BC Energy Inc  
16705 Fraser Hwy  
Surrey , BC , V4N 0E8  
Email to:  
einvoices@fortisbc.com

#### Report Information

Attn: Brett Lucas  
HATFIELD CONSULTANTS  
200-850 Harbourside Dr  
North Vancouver , BC , V7P 0A3  
Email to:  
blucas@hatfieldgroup.com  
mwhelly@hatfieldgroup.com  
danielle.samels@fortisbc.com  
smangwani@hatfieldgroup.com  
atrac@hatfieldgroup.com

#### Project Information

Quote #: C50083  
PO/AFE#: 4800010213  
Project #: Fortis11234/PE-110163  
Site Location: Woodfibre Pipeline Project

#### Analytical Summary

A: Standard TAT

| Client Sample ID | Clnt Ref | Sampling Date/Time | Matrix | #Cont | Woodfibre 2025 | Woodfibre Additional 2025 | Woodfibre Blank 2025 | Rainbow Trout LC50 Multi-concentration | Set Number |
|------------------|----------|--------------------|--------|-------|----------------|---------------------------|----------------------|----------------------------------------|------------|
| WLNG-DS          | 1        | 2025/10/21         | WATER  | 14    | A              |                           |                      |                                        | 1          |
| WLNG -EOP        | 2        | 2025/10/21         | WATER  | 22    | A              | A                         |                      | A                                      | 2          |
| WLNG-US          | 3        | 2025/10/21         | WATER  | 14    | A              |                           |                      |                                        | 1          |
| SQRI-US          | 4        | 2025/10/21         | WATER  | 14    | A              |                           |                      |                                        | 1          |
| SQRI-DS          | 5        | 2025/10/21         | WATER  | 14    | A              |                           |                      |                                        | 1          |
| Field Blank      | 6        | 2025/10/21         | WATER  | 14    |                |                           | A                    |                                        | 3          |
| Trip Blank       | 7        | 2025/10/21         | WATER  | 14    |                |                           | A                    |                                        | 3          |
| DUP              | 8        | 2025/10/21         | WATER  | 18    | A              | A                         |                      |                                        | 4          |

Deadlines are estimates only and are subject to change. Please refer to your Job Confirmation report for final due dates.

#### Submission Information

# of Samples: 8

#### Sample Set Listing

| Set 1 (4 samples)                        | Set 2 (1 sample) | Set 3 (2 samples)         | Set 4 (1 sample) |
|------------------------------------------|------------------|---------------------------|------------------|
| WLNG-DS<br>WLNG-US<br>SQRI-US<br>SQRI-DS | WLNG -EOP        | Field Blank<br>Trip Blank | DUP              |

## CERTIFICATE OF ANALYSIS

|                                |                                                 |                                |                                 |
|--------------------------------|-------------------------------------------------|--------------------------------|---------------------------------|
| <b>Work Order</b>              | : <b>VA25C7812</b>                              |                                |                                 |
| <b>Amendment</b>               | : <b>2</b>                                      |                                |                                 |
| <b>Client</b>                  | : <b>Frontier-Kemper Michels Joint Venture</b>  | <b>Laboratory</b>              | : ALS Environmental - Vancouver |
| <b>Contact</b>                 | : Sara Derakhshi                                | <b>Account Manager</b>         | : Kevin Bhikadia                |
| <b>Address</b>                 | : 404-850 Harbourside Drive                     | <b>Address</b>                 | : 8081 Lougheed Highway         |
|                                | North Vancouver British Columbia Canada V7P 0A3 |                                | Burnaby BC Canada V5A 1W9       |
| <b>Telephone</b>               | : ----                                          | <b>E-mail</b>                  | : Kevin.Bhikadia@alsglobal.com  |
| <b>Project</b>                 | : ----                                          | <b>Telephone</b>               | : +1 604 253 4188               |
| <b>PO</b>                      | : ----                                          | <b>Date Samples Received</b>   | : 20-Oct-2025 13:45             |
| <b>C-O-C number</b>            | : 23-1085345                                    | <b>Date Analysis Commenced</b> | : 20-Oct-2025                   |
| <b>Sampler</b>                 | : ----                                          | <b>Issue Date</b>              | : 24-Oct-2025 11:33             |
| <b>Site</b>                    | : BCR                                           |                                |                                 |
| <b>Quote number</b>            | : WTP Discharge                                 |                                |                                 |
| <b>No. of samples received</b> | : 1                                             |                                |                                 |
| <b>No. of samples analysed</b> | : 1                                             |                                |                                 |

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| <i>Signatories</i> | <i>Position</i>                            | <i>Laboratory Department</i>              |
|--------------------|--------------------------------------------|-------------------------------------------|
| Angela Ren         | Team Leader - Metals                       | Metals, Burnaby, British Columbia         |
| James Diacon       | Lab Analyst                                | Inorganics, Edmonton, Alberta             |
| Janice Leung       | Supervisor - Organics Instrumentation      | Organics, Burnaby, British Columbia       |
| Kate Dimitrova     | Supervisor - Inorganic                     | Inorganics, Burnaby, British Columbia     |
| Manvi Arora        | Account Manager Assistant                  | Administration, Burnaby, British Columbia |
| Rebecca Sit        | Supervisor - Organics Extractions          | Inorganics, Burnaby, British Columbia     |
| Robert Nguyen      | Analyst                                    | Metals, Burnaby, British Columbia         |
| Robin Weeks        | Supervisor - Organics Extractions          | Organics, Burnaby, British Columbia       |
| Tracy Harley       | Supervisor - Water Quality Instrumentation | Inorganics, Burnaby, British Columbia     |



## General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key: CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances.  
LOR: Limit of Reporting (detection limit).

| Unit     | Description                   |
|----------|-------------------------------|
| -        | no units                      |
| °C       | degrees celsius               |
| mg/L     | milligrams per litre          |
| mV       | millivolts                    |
| NTU      | nephelometric turbidity units |
| pH units | pH units                      |
| µg/L     | micrograms per litre          |
| µS/cm    | microsiemens per centimetre   |

<: less than.

>: greater than.

Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

## Workorder Comments

Amendment 1 (22/10/2025): This report has been amended and re-released to allow the reporting of additional analytical data.

Amendment 2 (23/10/2025): This report has been amended and re-released to allow the reporting of additional analytical data. Total and Dissolved Mercury is now reported with Hardness.

## Sample Comments

| Sample        | Client Id | Comment                                                                                                                                                                                                                                                                                    |
|---------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VA25C7812-001 | WTP       | Water sample(s) for total mercury analysis was not submitted in glass or PTFE container with HCl preservative. Results may be biased low.<br>Water sample(s) for dissolved mercury analysis was not submitted in glass or PTFE container with HCl preservative. Results may be biased low. |





## Analytical Results

Sub-Matrix: Water

(Matrix: Water)

| Client sample ID                                    |            |            |        |          | WTP               | ---- | ---- | ---- | ---- |
|-----------------------------------------------------|------------|------------|--------|----------|-------------------|------|------|------|------|
| Client sampling date / time                         |            |            |        |          | 20-Oct-2025 13:00 | ---- | ---- | ---- | ---- |
| Analyte                                             | CAS Number | Method/Lab | LOR    | Unit     | VA25C7812-001     | ---- | ---- | ---- | ---- |
| Result                                              |            |            |        |          | ----              | ---- | ---- | ---- | ---- |
| Field Tests                                         |            |            |        |          |                   |      |      |      |      |
| pH, field                                           | ----       | EF001/VA   | 0.10   | pH units | 7.60              | ---- | ---- | ---- | ---- |
| Temperature, field                                  | ----       | EF001/VA   | 0.10   | °C       | 18.0              | ---- | ---- | ---- | ---- |
| Sample Preparation                                  |            |            |        |          |                   |      |      |      |      |
| Dissolved carbon filtration location                | ----       | EP358/VA   | -      | -        | lab               | ---- | ---- | ---- | ---- |
| Physical Tests                                      |            |            |        |          |                   |      |      |      |      |
| Alkalinity, bicarbonate (as CaCO <sub>3</sub> )     | ----       | E290/VA    | 2.0    | mg/L     | 58.9              | ---- | ---- | ---- | ---- |
| Alkalinity, carbonate (as CaCO <sub>3</sub> )       | ----       | E290/VA    | 2.0    | mg/L     | <2.0              | ---- | ---- | ---- | ---- |
| Alkalinity, hydroxide (as CaCO <sub>3</sub> )       | ----       | E290/VA    | 2.0    | mg/L     | <2.0              | ---- | ---- | ---- | ---- |
| Alkalinity, phenolphthalein (as CaCO <sub>3</sub> ) | ----       | E290/VA    | 2.0    | mg/L     | <2.0              | ---- | ---- | ---- | ---- |
| Alkalinity, total (as CaCO <sub>3</sub> )           | ----       | E290/VA    | 2.0    | mg/L     | 58.9              | ---- | ---- | ---- | ---- |
| Conductivity                                        | ----       | E100/VA    | 2.0    | µS/cm    | 301               | ---- | ---- | ---- | ---- |
| Hardness (as CaCO <sub>3</sub> ), dissolved         | ----       | EC100/VA   | 0.50   | mg/L     | 3.94              | ---- | ---- | ---- | ---- |
| Hardness (as CaCO <sub>3</sub> ), from total Ca/Mg  | ----       | EC100A/VA  | 0.50   | mg/L     | 3.97              | ---- | ---- | ---- | ---- |
| Oxidation-reduction potential [ORP]                 | ----       | E125/VA    | 0.10   | mV       | 257               | ---- | ---- | ---- | ---- |
| pH                                                  | ----       | E108/VA    | 0.10   | pH units | 7.74              | ---- | ---- | ---- | ---- |
| Solids, total dissolved [TDS]                       | ----       | E162/VA    | 10     | mg/L     | 180               | ---- | ---- | ---- | ---- |
| Solids, total suspended [TSS]                       | ----       | E160/VA    | 3.0    | mg/L     | <3.0              | ---- | ---- | ---- | ---- |
| Turbidity                                           | ----       | E121/VA    | 0.10   | NTU      | 0.19              | ---- | ---- | ---- | ---- |
| Anions and Nutrients                                |            |            |        |          |                   |      |      |      |      |
| Ammonia, total (as N)                               | 7664-41-7  | E298/VA    | 0.0050 | mg/L     | 0.0190            | ---- | ---- | ---- | ---- |
| Ammonium (as NH <sub>4</sub> ), field               | 14798-03-9 | EC298A/VA  | 0.0010 | mg/L     | 0.0241            | ---- | ---- | ---- | ---- |



## Analytical Results

Sub-Matrix: Water

(Matrix: Water)

|                                 |            |               |           |      | Client sample ID            | WTP               | ---- | ---- | ---- | ---- |
|---------------------------------|------------|---------------|-----------|------|-----------------------------|-------------------|------|------|------|------|
|                                 |            |               |           |      | Client sampling date / time | 20-Oct-2025 13:00 | ---- | ---- | ---- | ---- |
| Analyte                         | CAS Number | Method/Lab    | LOR       | Unit | VA25C7812-001               | ----              | ---- | ---- | ---- | ---- |
|                                 |            |               |           |      | Result                      | ----              | ---- | ---- | ---- | ---- |
| Anions and Nutrients            |            |               |           |      |                             |                   |      |      |      |      |
| Bromide                         | 24959-67-9 | E235.Br-L/VA  | 0.050     | mg/L | 0.169                       | ----              | ---- | ---- | ---- | ---- |
| Chloride                        | 16887-00-6 | E235.Cl/VA    | 0.50      | mg/L | 54.4                        | ----              | ---- | ---- | ---- | ---- |
| Fluoride                        | 16984-48-8 | E235.F/VA     | 0.020     | mg/L | 0.235                       | ----              | ---- | ---- | ---- | ---- |
| Nitrate (as N)                  | 14797-55-8 | E235.NO3-L/VA | 0.0050    | mg/L | 0.0964                      | ----              | ---- | ---- | ---- | ---- |
| Nitrite (as N)                  | 14797-65-0 | E235.NO2-L/VA | 0.0010    | mg/L | <0.0010                     | ----              | ---- | ---- | ---- | ---- |
| Nitrogen, total                 | 7727-37-9  | E366/VA       | 0.030     | mg/L | 0.212                       | ----              | ---- | ---- | ---- | ---- |
| Phosphorus, total               | 7723-14-0  | E372-U/VA     | 0.0020    | mg/L | 0.121                       | ----              | ---- | ---- | ---- | ---- |
| Sulfate (as SO4)                | 14808-79-8 | E235.SO4/VA   | 0.30      | mg/L | 3.40                        | ----              | ---- | ---- | ---- | ---- |
| Organic / Inorganic Carbon      |            |               |           |      |                             |                   |      |      |      |      |
| Carbon, dissolved organic [DOC] | ----       | E358-L/VA     | 0.50      | mg/L | 1.14                        | ----              | ---- | ---- | ---- | ---- |
| Carbon, total organic [TOC]     | ----       | E355-L/VA     | 0.50      | mg/L | 1.17                        | ----              | ---- | ---- | ---- | ---- |
| Total Metals                    |            |               |           |      |                             |                   |      |      |      |      |
| Aluminum, total                 | 7429-90-5  | E420/VA       | 0.0030    | mg/L | 0.0449                      | ----              | ---- | ---- | ---- | ---- |
| Antimony, total                 | 7440-36-0  | E420/VA       | 0.00010   | mg/L | 0.00015                     | ----              | ---- | ---- | ---- | ---- |
| Arsenic, total                  | 7440-38-2  | E420/VA       | 0.00010   | mg/L | 0.00023                     | ----              | ---- | ---- | ---- | ---- |
| Barium, total                   | 7440-39-3  | E420/VA       | 0.00010   | mg/L | 0.00102                     | ----              | ---- | ---- | ---- | ---- |
| Beryllium, total                | 7440-41-7  | E420/VA       | 0.000020  | mg/L | <0.000020                   | ----              | ---- | ---- | ---- | ---- |
| Bismuth, total                  | 7440-69-9  | E420/VA       | 0.000050  | mg/L | <0.000050                   | ----              | ---- | ---- | ---- | ---- |
| Boron, total                    | 7440-42-8  | E420/VA       | 0.010     | mg/L | <0.010                      | ----              | ---- | ---- | ---- | ---- |
| Cadmium, total                  | 7440-43-9  | E420/VA       | 0.0000050 | mg/L | <0.0000050                  | ----              | ---- | ---- | ---- | ---- |
| Calcium, total                  | 7440-70-2  | E420/VA       | 0.050     | mg/L | 0.874                       | ----              | ---- | ---- | ---- | ---- |



## Analytical Results

Sub-Matrix: Water

(Matrix: Water)

|                     |            |            |           |      | Client sample ID            | WTP               | ---- | ---- | ---- | ---- |
|---------------------|------------|------------|-----------|------|-----------------------------|-------------------|------|------|------|------|
|                     |            |            |           |      | Client sampling date / time | 20-Oct-2025 13:00 | ---- | ---- | ---- | ---- |
| Analyte             | CAS Number | Method/Lab | LOR       | Unit | VA25C7812-001               | ----              | ---- | ---- | ---- | ---- |
|                     |            |            |           |      | Result                      | ----              | ---- | ---- | ---- | ---- |
| <b>Total Metals</b> |            |            |           |      |                             |                   |      |      |      |      |
| Cesium, total       | 7440-46-2  | E420/VA    | 0.000010  | mg/L | 0.000022                    | ----              | ---- | ---- | ---- | ---- |
| Chromium, total     | 7440-47-3  | E420/VA    | 0.00050   | mg/L | <0.00050                    | ----              | ---- | ---- | ---- | ---- |
| Cobalt, total       | 7440-48-4  | E420/VA    | 0.00010   | mg/L | <0.00010                    | ----              | ---- | ---- | ---- | ---- |
| Copper, total       | 7440-50-8  | E420/VA    | 0.00050   | mg/L | 0.00093                     | ----              | ---- | ---- | ---- | ---- |
| Iron, total         | 7439-89-6  | E420/VA    | 0.010     | mg/L | 0.091                       | ----              | ---- | ---- | ---- | ---- |
| Lead, total         | 7439-92-1  | E420/VA    | 0.000050  | mg/L | <0.000050                   | ----              | ---- | ---- | ---- | ---- |
| Lithium, total      | 7439-93-2  | E420/VA    | 0.0010    | mg/L | 0.0011                      | ----              | ---- | ---- | ---- | ---- |
| Magnesium, total    | 7439-95-4  | E420/VA    | 0.0050    | mg/L | 0.435                       | ----              | ---- | ---- | ---- | ---- |
| Manganese, total    | 7439-96-5  | E420/VA    | 0.00010   | mg/L | 0.00018                     | ----              | ---- | ---- | ---- | ---- |
| Mercury, total      | 7439-97-6  | E508/VA    | 0.0000050 | mg/L | <0.0000050                  | ----              | ---- | ---- | ---- | ---- |
| Molybdenum, total   | 7439-98-7  | E420/VA    | 0.000050  | mg/L | 0.0155                      | ----              | ---- | ---- | ---- | ---- |
| Nickel, total       | 7440-02-0  | E420/VA    | 0.00050   | mg/L | <0.00050                    | ----              | ---- | ---- | ---- | ---- |
| Phosphorus, total   | 7723-14-0  | E420/VA    | 0.050     | mg/L | 0.136                       | ----              | ---- | ---- | ---- | ---- |
| Potassium, total    | 7440-09-7  | E420/VA    | 0.050     | mg/L | 4.20                        | ----              | ---- | ---- | ---- | ---- |
| Rubidium, total     | 7440-17-7  | E420/VA    | 0.00020   | mg/L | 0.00101                     | ----              | ---- | ---- | ---- | ---- |
| Selenium, total     | 7782-49-2  | E420/VA    | 0.000050  | mg/L | <0.000050                   | ----              | ---- | ---- | ---- | ---- |
| Silicon, total      | 7440-21-3  | E420/VA    | 0.10      | mg/L | 9.74                        | ----              | ---- | ---- | ---- | ---- |
| Silver, total       | 7440-22-4  | E420/VA    | 0.000010  | mg/L | <0.000010                   | ----              | ---- | ---- | ---- | ---- |
| Sodium, total       | 7440-23-5  | E420/VA    | 0.050     | mg/L | 57.1                        | ----              | ---- | ---- | ---- | ---- |
| Strontium, total    | 7440-24-6  | E420/VA    | 0.00020   | mg/L | 0.0112                      | ----              | ---- | ---- | ---- | ---- |
| Sulfur, total       | 7704-34-9  | E420/VA    | 0.50      | mg/L | 1.13                        | ----              | ---- | ---- | ---- | ---- |





## Analytical Results

Sub-Matrix: Water  
 (Matrix: Water)

|                      |            |            |           |      | Client sample ID            | WTP               | ---- | ---- | ---- | ---- |
|----------------------|------------|------------|-----------|------|-----------------------------|-------------------|------|------|------|------|
|                      |            |            |           |      | Client sampling date / time | 20-Oct-2025 13:00 | ---- | ---- | ---- | ---- |
| Analyte              | CAS Number | Method/Lab | LOR       | Unit | VA25C7812-001               | ----              | ---- | ---- | ---- | ---- |
|                      |            |            |           |      | Result                      | ----              | ---- | ---- | ---- | ---- |
| Total Metals         |            |            |           |      |                             |                   |      |      |      |      |
| Tellurium, total     | 13494-80-9 | E420/VA    | 0.00020   | mg/L | <0.00020                    | ----              | ---- | ---- | ---- | ---- |
| Thallium, total      | 7440-28-0  | E420/VA    | 0.000010  | mg/L | <0.000010                   | ----              | ---- | ---- | ---- | ---- |
| Thorium, total       | 7440-29-1  | E420/VA    | 0.00010   | mg/L | <0.00010                    | ----              | ---- | ---- | ---- | ---- |
| Tin, total           | 7440-31-5  | E420/VA    | 0.00010   | mg/L | <0.00010                    | ----              | ---- | ---- | ---- | ---- |
| Titanium, total      | 7440-32-6  | E420/VA    | 0.00030   | mg/L | <0.00030                    | ----              | ---- | ---- | ---- | ---- |
| Tungsten, total      | 7440-33-7  | E420/VA    | 0.00010   | mg/L | 0.00014                     | ----              | ---- | ---- | ---- | ---- |
| Uranium, total       | 7440-61-1  | E420/VA    | 0.000010  | mg/L | <0.000010                   | ----              | ---- | ---- | ---- | ---- |
| Vanadium, total      | 7440-62-2  | E420/VA    | 0.00050   | mg/L | 0.00343                     | ----              | ---- | ---- | ---- | ---- |
| Zinc, total          | 7440-66-6  | E420/VA    | 0.0030    | mg/L | 0.0040                      | ----              | ---- | ---- | ---- | ---- |
| Zirconium, total     | 7440-67-7  | E420/VA    | 0.00020   | mg/L | <0.00020                    | ----              | ---- | ---- | ---- | ---- |
| Dissolved Metals     |            |            |           |      |                             |                   |      |      |      |      |
| Aluminum, dissolved  | 7429-90-5  | E421/VA    | 0.0010    | mg/L | 0.0452                      | ----              | ---- | ---- | ---- | ---- |
| Antimony, dissolved  | 7440-36-0  | E421/VA    | 0.00010   | mg/L | 0.00014                     | ----              | ---- | ---- | ---- | ---- |
| Arsenic, dissolved   | 7440-38-2  | E421/VA    | 0.00010   | mg/L | 0.00023                     | ----              | ---- | ---- | ---- | ---- |
| Barium, dissolved    | 7440-39-3  | E421/VA    | 0.00010   | mg/L | 0.00110                     | ----              | ---- | ---- | ---- | ---- |
| Beryllium, dissolved | 7440-41-7  | E421/VA    | 0.000020  | mg/L | <0.000020                   | ----              | ---- | ---- | ---- | ---- |
| Bismuth, dissolved   | 7440-69-9  | E421/VA    | 0.000050  | mg/L | <0.000050                   | ----              | ---- | ---- | ---- | ---- |
| Boron, dissolved     | 7440-42-8  | E421/VA    | 0.010     | mg/L | <0.010                      | ----              | ---- | ---- | ---- | ---- |
| Cadmium, dissolved   | 7440-43-9  | E421/VA    | 0.0000050 | mg/L | <0.0000050                  | ----              | ---- | ---- | ---- | ---- |
| Calcium, dissolved   | 7440-70-2  | E421/VA    | 0.050     | mg/L | 0.866                       | ----              | ---- | ---- | ---- | ---- |
| Cesium, dissolved    | 7440-46-2  | E421/VA    | 0.000010  | mg/L | 0.000022                    | ----              | ---- | ---- | ---- | ---- |



## Analytical Results

Sub-Matrix: Water

(Matrix: Water)

|                       |            |            |           |      | Client sample ID            | WTP               | ---- | ---- | ---- | ---- |
|-----------------------|------------|------------|-----------|------|-----------------------------|-------------------|------|------|------|------|
|                       |            |            |           |      | Client sampling date / time | 20-Oct-2025 13:00 | ---- | ---- | ---- | ---- |
| Analyte               | CAS Number | Method/Lab | LOR       | Unit | VA25C7812-001               | ----              | ---- | ---- | ---- | ---- |
|                       |            |            |           |      | Result                      | ----              | ---- | ---- | ---- | ---- |
| Dissolved Metals      |            |            |           |      |                             |                   |      |      |      |      |
| Chromium, dissolved   | 7440-47-3  | E421/VA    | 0.00050   | mg/L | <0.00050                    | ----              | ---- | ---- | ---- | ---- |
| Cobalt, dissolved     | 7440-48-4  | E421/VA    | 0.00010   | mg/L | <0.00010                    | ----              | ---- | ---- | ---- | ---- |
| Copper, dissolved     | 7440-50-8  | E421/VA    | 0.00020   | mg/L | 0.00089                     | ----              | ---- | ---- | ---- | ---- |
| Iron, dissolved       | 7439-89-6  | E421/VA    | 0.010     | mg/L | 0.086                       | ----              | ---- | ---- | ---- | ---- |
| Lead, dissolved       | 7439-92-1  | E421/VA    | 0.000050  | mg/L | <0.000050                   | ----              | ---- | ---- | ---- | ---- |
| Lithium, dissolved    | 7439-93-2  | E421/VA    | 0.0010    | mg/L | 0.0010                      | ----              | ---- | ---- | ---- | ---- |
| Magnesium, dissolved  | 7439-95-4  | E421/VA    | 0.0050    | mg/L | 0.432                       | ----              | ---- | ---- | ---- | ---- |
| Manganese, dissolved  | 7439-96-5  | E421/VA    | 0.00010   | mg/L | 0.00035                     | ----              | ---- | ---- | ---- | ---- |
| Mercury, dissolved    | 7439-97-6  | E509/VA    | 0.0000050 | mg/L | <0.0000050                  | ----              | ---- | ---- | ---- | ---- |
| Molybdenum, dissolved | 7439-98-7  | E421/VA    | 0.000050  | mg/L | 0.0155                      | ----              | ---- | ---- | ---- | ---- |
| Nickel, dissolved     | 7440-02-0  | E421/VA    | 0.00050   | mg/L | 0.00053                     | ----              | ---- | ---- | ---- | ---- |
| Phosphorus, dissolved | 7723-14-0  | E421/VA    | 0.050     | mg/L | 0.122                       | ----              | ---- | ---- | ---- | ---- |
| Potassium, dissolved  | 7440-09-7  | E421/VA    | 0.050     | mg/L | 4.22                        | ----              | ---- | ---- | ---- | ---- |
| Rubidium, dissolved   | 7440-17-7  | E421/VA    | 0.00020   | mg/L | 0.00104                     | ----              | ---- | ---- | ---- | ---- |
| Selenium, dissolved   | 7782-49-2  | E421/VA    | 0.000050  | mg/L | <0.000050                   | ----              | ---- | ---- | ---- | ---- |
| Silicon, dissolved    | 7440-21-3  | E421/VA    | 0.050     | mg/L | 9.83                        | ----              | ---- | ---- | ---- | ---- |
| Silver, dissolved     | 7440-22-4  | E421/VA    | 0.000010  | mg/L | <0.000010                   | ----              | ---- | ---- | ---- | ---- |
| Sodium, dissolved     | 7440-23-5  | E421/VA    | 0.050     | mg/L | 57.4                        | ----              | ---- | ---- | ---- | ---- |
| Strontium, dissolved  | 7440-24-6  | E421/VA    | 0.00020   | mg/L | 0.0110                      | ----              | ---- | ---- | ---- | ---- |
| Sulfur, dissolved     | 7704-34-9  | E421/VA    | 0.50      | mg/L | 1.10                        | ----              | ---- | ---- | ---- | ---- |
| Tellurium, dissolved  | 13494-80-9 | E421/VA    | 0.00020   | mg/L | <0.00020                    | ----              | ---- | ---- | ---- | ---- |



## Analytical Results

Sub-Matrix: Water

(Matrix: Water)

|                                       |            |            |          |      | Client sample ID            | WTP               | ---- | ---- | ---- | ---- |
|---------------------------------------|------------|------------|----------|------|-----------------------------|-------------------|------|------|------|------|
|                                       |            |            |          |      | Client sampling date / time | 20-Oct-2025 13:00 | ---- | ---- | ---- | ---- |
| Analyte                               | CAS Number | Method/Lab | LOR      | Unit | VA25C7812-001               | ----              | ---- | ---- | ---- | ---- |
|                                       |            |            |          |      | Result                      | ----              | ---- | ---- | ---- | ---- |
| Dissolved Metals                      |            |            |          |      |                             |                   |      |      |      |      |
| Thallium, dissolved                   | 7440-28-0  | E421/VA    | 0.000010 | mg/L | <0.000010                   | ----              | ---- | ---- | ---- | ---- |
| Thorium, dissolved                    | 7440-29-1  | E421/VA    | 0.00010  | mg/L | <0.00010                    | ----              | ---- | ---- | ---- | ---- |
| Tin, dissolved                        | 7440-31-5  | E421/VA    | 0.00010  | mg/L | <0.00010                    | ----              | ---- | ---- | ---- | ---- |
| Titanium, dissolved                   | 7440-32-6  | E421/VA    | 0.00030  | mg/L | 0.00056                     | ----              | ---- | ---- | ---- | ---- |
| Tungsten, dissolved                   | 7440-33-7  | E421/VA    | 0.00010  | mg/L | 0.00013                     | ----              | ---- | ---- | ---- | ---- |
| Uranium, dissolved                    | 7440-61-1  | E421/VA    | 0.000010 | mg/L | <0.000010                   | ----              | ---- | ---- | ---- | ---- |
| Vanadium, dissolved                   | 7440-62-2  | E421/VA    | 0.00050  | mg/L | 0.00330                     | ----              | ---- | ---- | ---- | ---- |
| Zinc, dissolved                       | 7440-66-6  | E421/VA    | 0.0010   | mg/L | 0.0034                      | ----              | ---- | ---- | ---- | ---- |
| Zirconium, dissolved                  | 7440-67-7  | E421/VA    | 0.00030  | mg/L | <0.00030                    | ----              | ---- | ---- | ---- | ---- |
| Dissolved mercury filtration location | ----       | EP509/VA   | -        | -    | Field                       | ----              | ---- | ---- | ---- | ---- |
| Dissolved metals filtration location  | ----       | EP421/VA   | -        | -    | Field                       | ----              | ---- | ---- | ---- | ---- |
| Aggregate Organics                    |            |            |          |      |                             |                   |      |      |      |      |
| Phenols, total (4AAP)                 | ----       | E562/EO    | 0.0010   | mg/L | <0.0010                     | ----              | ---- | ---- | ---- | ---- |
| Volatile Organic Compounds            |            |            |          |      |                             |                   |      |      |      |      |
| Chlorobenzene                         | 108-90-7   | E611C/VA   | 0.50     | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Chloromethane                         | 74-87-3    | E611C/VA   | 5.0      | µg/L | <5.0                        | ----              | ---- | ---- | ---- | ---- |
| Dichlorobenzene, 1,2-                 | 95-50-1    | E611C/VA   | 0.50     | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Dichlorobenzene, 1,3-                 | 541-73-1   | E611C/VA   | 0.50     | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Dichlorobenzene, 1,4-                 | 106-46-7   | E611C/VA   | 0.50     | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Dichloropropane, 1,2-                 | 78-87-5    | E611C/VA   | 0.50     | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Dichloropropylene, cis-1,3-           | 10061-01-5 | E611C/VA   | 0.50     | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |



## Analytical Results

Sub-Matrix: Water

(Matrix: Water)

|                                          |            |            |      |      | Client sample ID            | WTP               | ---- | ---- | ---- | ---- |
|------------------------------------------|------------|------------|------|------|-----------------------------|-------------------|------|------|------|------|
|                                          |            |            |      |      | Client sampling date / time | 20-Oct-2025 13:00 | ---- | ---- | ---- | ---- |
| Analyte                                  | CAS Number | Method/Lab | LOR  | Unit | VA25C7812-001               | ----              | ---- | ---- | ---- | ---- |
|                                          |            |            |      |      | Result                      | ----              | ---- | ---- | ---- | ---- |
| Volatile Organic Compounds               |            |            |      |      |                             |                   |      |      |      |      |
| Dichloropropylene, cis+trans-1,3-        | 542-75-6   | E611C/VA   | 0.75 | µg/L | <0.75                       | ----              | ---- | ---- | ---- | ---- |
| Tetrachloroethane, 1,1,1,2-              | 630-20-6   | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Tetrachloroethane, 1,1,2,2-              | 79-34-5    | E611C/VA   | 0.20 | µg/L | <0.20                       | ----              | ---- | ---- | ---- | ---- |
| Trichloroethane, 1,1,2-                  | 79-00-5    | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Trichlorofluoromethane                   | 75-69-4    | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Volatile Organic Compounds [Drycleaning] |            |            |      |      |                             |                   |      |      |      |      |
| Carbon tetrachloride                     | 56-23-5    | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Chloroethane                             | 75-00-3    | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Dichloroethane, 1,1-                     | 75-34-3    | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Dichloroethane, 1,2-                     | 107-06-2   | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Dichloroethylene, 1,1-                   | 75-35-4    | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Dichloroethylene, cis-1,2-               | 156-59-2   | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Dichloroethylene, trans-1,2-             | 156-60-5   | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Dichloromethane                          | 75-09-2    | E611C/VA   | 1.0  | µg/L | <1.0                        | ----              | ---- | ---- | ---- | ---- |
| Dichloropropylene, trans-1,3-            | 10061-02-6 | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Tetrachloroethylene                      | 127-18-4   | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Trichloroethane, 1,1,1-                  | 71-55-6    | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Trichloroethylene                        | 79-01-6    | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Vinyl chloride                           | 75-01-4    | E611C/VA   | 0.40 | µg/L | <0.40                       | ----              | ---- | ---- | ---- | ---- |
| Volatile Organic Compounds [Fuels]       |            |            |      |      |                             |                   |      |      |      |      |
| Benzene                                  | 71-43-2    | E611C/VA   | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |



## Analytical Results

Sub-Matrix: Water

(Matrix: Water)

|                                           |             |               |      |      | Client sample ID            | WTP               | ---- | ---- | ---- | ---- |
|-------------------------------------------|-------------|---------------|------|------|-----------------------------|-------------------|------|------|------|------|
|                                           |             |               |      |      | Client sampling date / time | 20-Oct-2025 13:00 | ---- | ---- | ---- | ---- |
| Analyte                                   | CAS Number  | Method/Lab    | LOR  | Unit | VA25C7812-001               | ----              | ---- | ---- | ---- | ---- |
|                                           |             |               |      |      | Result                      | ----              | ---- | ---- | ---- | ---- |
| Volatile Organic Compounds [Fuels]        |             |               |      |      |                             |                   |      |      |      |      |
| Ethylbenzene                              | 100-41-4    | E611C/VA      | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Methyl-tert-butyl ether [MTBE]            | 1634-04-4   | E611C/VA      | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Styrene                                   | 100-42-5    | E611C/VA      | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Toluene                                   | 108-88-3    | E611C/VA      | 0.40 | µg/L | <0.40                       | ----              | ---- | ---- | ---- | ---- |
| Xylene, m+p-                              | 179601-23-1 | E611C/VA      | 0.40 | µg/L | <0.40                       | ----              | ---- | ---- | ---- | ---- |
| Xylene, o-                                | 95-47-6     | E611C/VA      | 0.30 | µg/L | <0.30                       | ----              | ---- | ---- | ---- | ---- |
| Xylenes, total                            | 1330-20-7   | E611C/VA      | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Volatile Organic Compounds [THMs]         |             |               |      |      |                             |                   |      |      |      |      |
| Bromodichloromethane                      | 75-27-4     | E611C/VA      | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Bromoform                                 | 75-25-2     | E611C/VA      | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Chloroform                                | 67-66-3     | E611C/VA      | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Dibromochloromethane                      | 124-48-1    | E611C/VA      | 0.50 | µg/L | <0.50                       | ----              | ---- | ---- | ---- | ---- |
| Hydrocarbons                              |             |               |      |      |                             |                   |      |      |      |      |
| EPH (C10-C19)                             | ----        | E601A/VA      | 250  | µg/L | <250                        | ----              | ---- | ---- | ---- | ---- |
| EPH (C19-C32)                             | ----        | E601A/VA      | 250  | µg/L | <250                        | ----              | ---- | ---- | ---- | ---- |
| VHw (C6-C10)                              | ----        | E581.VH+F1/VA | 100  | µg/L | <100                        | ----              | ---- | ---- | ---- | ---- |
| HEPHw                                     | ----        | EC600A/VA     | 250  | µg/L | <250                        | ----              | ---- | ---- | ---- | ---- |
| LEPHw                                     | ----        | EC600A/VA     | 250  | µg/L | <250                        | ----              | ---- | ---- | ---- | ---- |
| VPHw                                      | ----        | EC580A/VA     | 100  | µg/L | <100                        | ----              | ---- | ---- | ---- | ---- |
| Hydrocarbons Surrogates                   |             |               |      |      |                             |                   |      |      |      |      |
| Bromobenzotrifluoride, 2- (EPH surrogate) | 392-83-6    | E601A/VA      | 1.0  | %    | 85.8                        | ----              | ---- | ---- | ---- | ---- |



## Analytical Results

Sub-Matrix: Water

(Matrix: Water)

|                                       |            |               |        |      | Client sample ID            | WTP               |  |  |  |  |
|---------------------------------------|------------|---------------|--------|------|-----------------------------|-------------------|--|--|--|--|
|                                       |            |               |        |      |                             | ----              |  |  |  |  |
|                                       |            |               |        |      | Client sampling date / time | 20-Oct-2025 13:00 |  |  |  |  |
| Analyte                               | CAS Number | Method/Lab    | LOR    | Unit | VA25C7812-001               |                   |  |  |  |  |
|                                       |            |               |        |      | Result                      |                   |  |  |  |  |
| Hydrocarbons Surrogates               |            |               |        |      |                             |                   |  |  |  |  |
| Dichlorotoluene, 3,4-                 | 95-75-0    | E581.VH+F1/VA | 1.0    | %    | 91.8                        |                   |  |  |  |  |
| Volatile Organic Compounds Surrogates |            |               |        |      |                             |                   |  |  |  |  |
| Bromofluorobenzene, 4-                | 460-00-4   | E611C/VA      | 1.0    | %    | 88.7                        |                   |  |  |  |  |
| Difluorobenzene, 1,4-                 | 540-36-3   | E611C/VA      | 1.0    | %    | 99.6                        |                   |  |  |  |  |
| Polycyclic Aromatic Hydrocarbons      |            |               |        |      |                             |                   |  |  |  |  |
| Acenaphthene                          | 83-32-9    | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |
| Acenaphthylene                        | 208-96-8   | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |
| Acridine                              | 260-94-6   | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |
| Anthracene                            | 120-12-7   | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |
| Benz(a)anthracene                     | 56-55-3    | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |
| Benzo(a)pyrene                        | 50-32-8    | E641A/VA      | 0.0050 | µg/L | <0.0050                     |                   |  |  |  |  |
| Benzo(b+j)fluoranthene                | n/a        | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |
| Benzo(b+j+k)fluoranthene              | n/a        | E641A/VA      | 0.015  | µg/L | <0.015                      |                   |  |  |  |  |
| Benzo(g,h,i)perylene                  | 191-24-2   | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |
| Benzo(k)fluoranthene                  | 207-08-9   | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |
| Chrysene                              | 218-01-9   | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |
| Dibenz(a,h)anthracene                 | 53-70-3    | E641A/VA      | 0.0050 | µg/L | <0.0050                     |                   |  |  |  |  |
| Fluoranthene                          | 206-44-0   | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |
| Fluorene                              | 86-73-7    | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |
| Indeno(1,2,3-c,d)pyrene               | 193-39-5   | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |
| Methylnaphthalene, 1-                 | 90-12-0    | E641A/VA      | 0.010  | µg/L | <0.010                      |                   |  |  |  |  |



**Analytical Results**

| Sub-Matrix: Water<br>(Matrix: Water)        |            |            |       |      | Client sample ID            | WTP               | ---- | ---- | ---- | ---- |
|---------------------------------------------|------------|------------|-------|------|-----------------------------|-------------------|------|------|------|------|
|                                             |            |            |       |      | Client sampling date / time | 20-Oct-2025 13:00 | ---- | ---- | ---- | ---- |
| Analyte                                     | CAS Number | Method/Lab | LOR   | Unit | VA25C7812-001               | ----              | ---- | ---- | ---- | ---- |
|                                             |            |            |       |      | Result                      | ----              | ---- | ---- | ---- | ---- |
| Polycyclic Aromatic Hydrocarbons            |            |            |       |      |                             |                   |      |      |      |      |
| Methylnaphthalene, 2-                       | 91-57-6    | E641A/VA   | 0.010 | µg/L | <0.010                      | ----              | ---- | ---- | ---- | ---- |
| Naphthalene                                 | 91-20-3    | E641A/VA   | 0.050 | µg/L | <0.050                      | ----              | ---- | ---- | ---- | ---- |
| Phenanthrene                                | 85-01-8    | E641A/VA   | 0.020 | µg/L | <0.020                      | ----              | ---- | ---- | ---- | ---- |
| Pyrene                                      | 129-00-0   | E641A/VA   | 0.010 | µg/L | <0.010                      | ----              | ---- | ---- | ---- | ---- |
| Quinoline                                   | 91-22-5    | E641A/VA   | 0.050 | µg/L | <0.050                      | ----              | ---- | ---- | ---- | ---- |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |            |       |      |                             |                   |      |      |      |      |
| Chrysene-d12                                | 1719-03-5  | E641A/VA   | 0.1   | %    | 96.0                        | ----              | ---- | ---- | ---- | ---- |
| Naphthalene-d8                              | 1146-65-2  | E641A/VA   | 0.1   | %    | 96.6                        | ----              | ---- | ---- | ---- | ---- |
| Phenanthrene-d10                            | 1517-22-2  | E641A/VA   | 0.1   | %    | 104                         | ----              | ---- | ---- | ---- | ---- |
| Glycols                                     |            |            |       |      |                             |                   |      |      |      |      |
| Diethylene glycol                           | 111-46-6   | E680E/VA   | 5.0   | mg/L | <5.0                        | ----              | ---- | ---- | ---- | ---- |
| Ethylene glycol                             | 107-21-1   | E680E/VA   | 5.0   | mg/L | <5.0                        | ----              | ---- | ---- | ---- | ---- |
| Propylene glycol, 1,2-                      | 57-55-6    | E680E/VA   | 5.0   | mg/L | <5.0                        | ----              | ---- | ---- | ---- | ---- |
| Triethylene glycol                          | 112-27-6   | E680E/VA   | 5.0   | mg/L | <5.0                        | ----              | ---- | ---- | ---- | ---- |
| Glycols, total (EG+DEG+PG)                  | ----       | E680E/VA   | 10    | mg/L | <10                         | ----              | ---- | ---- | ---- | ---- |
| Glycols Surrogates                          |            |            |       |      |                             |                   |      |      |      |      |
| Propanediol, 1,3-                           | 504-63-2   | E680E/VA   | 1.0   | %    | 102                         | ----              | ---- | ---- | ---- | ---- |

Please refer to the General Comments section for an explanation of any qualifiers detected.

## QUALITY CONTROL REPORT

|                                |                                                                  |                                |                                                                     |
|--------------------------------|------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| <b>Work Order</b>              | <b>: VA25C7812</b>                                               | <b>Page</b>                    | <b>: 1 of 24</b>                                                    |
| <b>Amendment</b>               | <b>: 2</b>                                                       |                                |                                                                     |
| <b>Client</b>                  | : Frontier-Kemper Michels Joint Venture                          | <b>Laboratory</b>              | : ALS Environmental - Vancouver                                     |
| <b>Contact</b>                 | : Sara Derakhshi                                                 | <b>Account Manager</b>         | : Kevin Bhikadia                                                    |
| <b>Address</b>                 | : 404-850 Harbourside Drive<br>North Vancouver BC Canada V7P 0A3 | <b>Address</b>                 | : 8081 Lougheed Highway<br>Burnaby, British Columbia Canada V5A 1W9 |
| <b>Telephone</b>               | : ----                                                           | <b>Telephone</b>               | : +1 604 253 4188                                                   |
| <b>Project</b>                 | : ----                                                           | <b>Date Samples Received</b>   | : 20-Oct-2025 13:45                                                 |
| <b>PO</b>                      | : ----                                                           | <b>Date Analysis Commenced</b> | : 20-Oct-2025                                                       |
| <b>C-O-C number</b>            | : 23-1085345                                                     | <b>Issue Date</b>              | : 24-Oct-2025 11:32                                                 |
| <b>Sampler</b>                 | : ----                                                           |                                |                                                                     |
| <b>Site</b>                    | : BCR                                                            |                                |                                                                     |
| <b>Quote number</b>            | : WTP Discharge                                                  |                                |                                                                     |
| <b>No. of samples received</b> | : 1                                                              |                                |                                                                     |
| <b>No. of samples analysed</b> | : 1                                                              |                                |                                                                     |

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Reference Material (RM) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| <i>Signatories</i> | <i>Position</i>                            | <i>Laboratory Department</i>                        |
|--------------------|--------------------------------------------|-----------------------------------------------------|
| Angela Ren         | Team Leader - Metals                       | Vancouver Metals, Burnaby, British Columbia         |
| James Diacon       | Lab Analyst                                | Edmonton Inorganics, Edmonton, Alberta              |
| Janice Leung       | Supervisor - Organics Instrumentation      | Vancouver Organics, Burnaby, British Columbia       |
| Kate Dimitrova     | Supervisor - Inorganic                     | Vancouver Inorganics, Burnaby, British Columbia     |
| Manvi Arora        | Account Manager Assistant                  | Vancouver Administration, Burnaby, British Columbia |
| Rebecca Sit        | Supervisor - Organics Extractions          | Vancouver Inorganics, Burnaby, British Columbia     |
| Robert Nguyen      | Analyst                                    | Vancouver Metals, Burnaby, British Columbia         |
| Robin Weeks        | Supervisor - Organics Extractions          | Vancouver Organics, Burnaby, British Columbia       |
| Tracy Harley       | Supervisor - Water Quality Instrumentation | Vancouver Inorganics, Burnaby, British Columbia     |





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## General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

### Key :

Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO = Data Quality Objective.

LOR = Limit of Reporting (detection limit).

RPD = Relative Percent Difference

# = Indicates a QC result that did not meet the ALS DQO.

## Workorder Comments

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Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

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Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

| Sub-Matrix: Water                      |                  |                                        |            |            | Laboratory Duplicate (DUP) Report |          |                 |                  |                      |                  |           |
|----------------------------------------|------------------|----------------------------------------|------------|------------|-----------------------------------|----------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                   | Client sample ID | Analyte                                | CAS Number | Method     | LOR                               | Unit     | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Physical Tests (QC Lot: 2287528)       |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| VA25C7055-003                          | Anonymous        | Conductivity                           | ----       | E100       | 2.0                               | µS/cm    | 1990            | 2010             | 1.20%                | 10%              | ----      |
| Physical Tests (QC Lot: 2287529)       |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| VA25C7055-003                          | Anonymous        | pH                                     | ----       | E108       | 0.10                              | pH units | 8.04            | 8.05             | 0.124%               | 4%               | ----      |
| Physical Tests (QC Lot: 2287530)       |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| VA25C7055-003                          | Anonymous        | Alkalinity, bicarbonate (as CaCO3)     | ----       | E290       | 1.0                               | mg/L     | 1100000 µg/L    | 1100             | 0.220%               | 200%             | ----      |
|                                        |                  | Alkalinity, carbonate (as CaCO3)       | ----       | E290       | 1.0                               | mg/L     | <1000 µg/L      | <1.0             | 0.00%                | 200%             | ----      |
|                                        |                  | Alkalinity, hydroxide (as CaCO3)       | ----       | E290       | 1.0                               | mg/L     | <1000 µg/L      | <1.0             | 0.00%                | 200%             | ----      |
|                                        |                  | Alkalinity, phenolphthalein (as CaCO3) | ----       | E290       | 1.0                               | mg/L     | <1000 µg/L      | <1.0             | 0                    | Diff <2x LOR     | ----      |
|                                        |                  | Alkalinity, total (as CaCO3)           | ----       | E290       | 1.0                               | mg/L     | 1100000 µg/L    | 1100             | 0.220%               | 20%              | ----      |
| Physical Tests (QC Lot: 2287569)       |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| FJ2503189-001                          | Anonymous        | Solids, total suspended [TSS]          | ----       | E160       | 3.0                               | mg/L     | <3.0            | <3.0             | 0                    | Diff <2x LOR     | ----      |
| Physical Tests (QC Lot: 2287583)       |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| FJ2503189-001                          | Anonymous        | Solids, total dissolved [TDS]          | ----       | E162       | 13                                | mg/L     | 118             | 111              | 7                    | Diff <2x LOR     | ----      |
| Physical Tests (QC Lot: 2287803)       |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| VA25C6805-004                          | Anonymous        | Turbidity                              | ----       | E121       | 0.10                              | NTU      | 9.65            | 10.8             | 11.0%                | 15%              | ----      |
| Physical Tests (QC Lot: 2288445)       |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| FJ2503233-001                          | Anonymous        | Oxidation-reduction potential [ORP]    | ----       | E125       | 0.10                              | mV       | 173             | 172              | 0.290%               | 10%              | ----      |
| Anions and Nutrients (QC Lot: 2287355) |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| VA25C7808-001                          | Anonymous        | Ammonia, total (as N)                  | 7664-41-7  | E298       | 0.0500                            | mg/L     | 3.58            | 3.59             | 0.185%               | 20%              | ----      |
| Anions and Nutrients (QC Lot: 2289664) |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| VA25C7812-001                          | WTP              | Fluoride                               | 16984-48-8 | E235.F     | 0.020                             | mg/L     | 0.235           | 0.233            | 0.755%               | 20%              | ----      |
| Anions and Nutrients (QC Lot: 2289665) |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| VA25C7812-001                          | WTP              | Chloride                               | 16887-00-6 | E235.Cl    | 0.50                              | mg/L     | 54.4            | 54.1             | 0.470%               | 20%              | ----      |
| Anions and Nutrients (QC Lot: 2289666) |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| VA25C7812-001                          | WTP              | Bromide                                | 24959-67-9 | E235.Br-L  | 0.050                             | mg/L     | 0.169           | 0.170            | 0.001                | Diff <2x LOR     | ----      |
| Anions and Nutrients (QC Lot: 2289668) |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| VA25C7812-001                          | WTP              | Nitrate (as N)                         | 14797-55-8 | E235.NO3-L | 0.0050                            | mg/L     | 0.0964          | 0.0966           | 0.216%               | 20%              | ----      |
| Anions and Nutrients (QC Lot: 2289669) |                  |                                        |            |            |                                   |          |                 |                  |                      |                  |           |
| VA25C7812-001                          | WTP              | Nitrite (as N)                         | 14797-65-0 | E235.NO2-L | 0.0010                            | mg/L     | <0.0010         | <0.0010          | 0                    | Diff <2x LOR     | ----      |



| Sub-Matrix: Water                            |                  |                                 |            |          | Laboratory Duplicate (DUP) Report |      |                 |                  |                      |                  |           |
|----------------------------------------------|------------------|---------------------------------|------------|----------|-----------------------------------|------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                         | Client sample ID | Analyte                         | CAS Number | Method   | LOR                               | Unit | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Anions and Nutrients (QC Lot: 2289670)       |                  |                                 |            |          |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                                | WTP              | Sulfate (as SO4)                | 14808-79-8 | E235.SO4 | 0.30                              | mg/L | 3.40            | 3.38             | 0.424%               | 20%              | ----      |
| Anions and Nutrients (QC Lot: 2289706)       |                  |                                 |            |          |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                                | WTP              | Nitrogen, total                 | 7727-37-9  | E366     | 0.150                             | mg/L | 0.212           | 0.179            | 0.033                | Diff <2x LOR     | ----      |
| Anions and Nutrients (QC Lot: 2289707)       |                  |                                 |            |          |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                                | WTP              | Phosphorus, total               | 7723-14-0  | E372-U   | 0.0020                            | mg/L | 0.121           | 0.120            | 0.918%               | 20%              | ----      |
| Organic / Inorganic Carbon (QC Lot: 2289704) |                  |                                 |            |          |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                                | WTP              | Carbon, dissolved organic [DOC] | ----       | E358-L   | 0.50                              | mg/L | 1.14            | 1.12             | 0.01                 | Diff <2x LOR     | ----      |
| Organic / Inorganic Carbon (QC Lot: 2289705) |                  |                                 |            |          |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                                | WTP              | Carbon, total organic [TOC]     | ----       | E355-L   | 0.50                              | mg/L | 1.17            | 1.23             | 0.07                 | Diff <2x LOR     | ----      |
| Total Metals (QC Lot: 2287365)               |                  |                                 |            |          |                                   |      |                 |                  |                      |                  |           |
| VA25C7808-001                                | Anonymous        | Aluminum, total                 | 7429-90-5  | E420     | 0.0030                            | mg/L | 0.0073          | 0.0065           | 0.0008               | Diff <2x LOR     | ----      |
|                                              |                  | Antimony, total                 | 7440-36-0  | E420     | 0.00010                           | mg/L | 0.00036         | 0.00036          | 0.0000010            | Diff <2x LOR     | ----      |
|                                              |                  | Arsenic, total                  | 7440-38-2  | E420     | 0.00010                           | mg/L | 0.00027         | 0.00030          | 0.00002              | Diff <2x LOR     | ----      |
|                                              |                  | Barium, total                   | 7440-39-3  | E420     | 0.00010                           | mg/L | 0.00160         | 0.00160          | 0.604%               | 20%              | ----      |
|                                              |                  | Beryllium, total                | 7440-41-7  | E420     | 0.000020                          | mg/L | <0.000020       | <0.000020        | 0                    | Diff <2x LOR     | ----      |
|                                              |                  | Bismuth, total                  | 7440-69-9  | E420     | 0.000050                          | mg/L | <0.000050       | <0.000050        | 0                    | Diff <2x LOR     | ----      |
|                                              |                  | Boron, total                    | 7440-42-8  | E420     | 0.010                             | mg/L | 0.020           | 0.020            | 0.00006              | Diff <2x LOR     | ----      |
|                                              |                  | Cadmium, total                  | 7440-43-9  | E420     | 0.0000050                         | mg/L | <0.0000050      | <0.0000050       | 0                    | Diff <2x LOR     | ----      |
|                                              |                  | Calcium, total                  | 7440-70-2  | E420     | 0.050                             | mg/L | 57.4            | 55.7             | 2.94%                | 20%              | ----      |
|                                              |                  | Cesium, total                   | 7440-46-2  | E420     | 0.000010                          | mg/L | 0.000092        | 0.000085         | 0.000007             | Diff <2x LOR     | ----      |
|                                              |                  | Chromium, total                 | 7440-47-3  | E420     | 0.00050                           | mg/L | 0.00060         | 0.00056          | 0.00004              | Diff <2x LOR     | ----      |
|                                              |                  | Cobalt, total                   | 7440-48-4  | E420     | 0.00010                           | mg/L | 0.0321          | 0.0310           | 3.67%                | 20%              | ----      |
|                                              |                  | Copper, total                   | 7440-50-8  | E420     | 0.00050                           | mg/L | 0.0496          | 0.0473           | 4.89%                | 20%              | ----      |
|                                              |                  | Iron, total                     | 7439-89-6  | E420     | 0.010                             | mg/L | 0.642           | 0.642            | 0.0243%              | 20%              | ----      |
|                                              |                  | Lead, total                     | 7439-92-1  | E420     | 0.000050                          | mg/L | <0.000050       | <0.000050        | 0                    | Diff <2x LOR     | ----      |
|                                              |                  | Lithium, total                  | 7439-93-2  | E420     | 0.0010                            | mg/L | 0.0427          | 0.0430           | 0.632%               | 20%              | ----      |
|                                              |                  | Magnesium, total                | 7439-95-4  | E420     | 0.100                             | mg/L | 0.531           | 0.499            | 0.0322               | Diff <2x LOR     | ----      |
|                                              |                  | Manganese, total                | 7439-96-5  | E420     | 0.00010                           | mg/L | 0.0611          | 0.0596           | 2.55%                | 20%              | ----      |
|                                              |                  | Molybdenum, total               | 7439-98-7  | E420     | 0.000050                          | mg/L | 0.00278         | 0.00278          | 0.189%               | 20%              | ----      |
|                                              |                  | Nickel, total                   | 7440-02-0  | E420     | 0.00050                           | mg/L | 0.0160          | 0.0153           | 4.44%                | 20%              | ----      |
|                                              |                  | Phosphorus, total               | 7723-14-0  | E420     | 0.050                             | mg/L | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                              |                  | Potassium, total                | 7440-09-7  | E420     | 0.100                             | mg/L | 3.00            | 2.86             | 4.88%                | 20%              | ----      |
|                                              |                  | Rubidium, total                 | 7440-17-7  | E420     | 0.00020                           | mg/L | 0.00380         | 0.00366          | 3.84%                | 20%              | ----      |
|                                              |                  | Selenium, total                 | 7782-49-2  | E420     | 0.000050                          | mg/L | 0.000686        | 0.000643         | 6.48%                | 20%              | ----      |



| Sub-Matrix: Water                          |                  |                      |            |        | Laboratory Duplicate (DUP) Report |      |                 |                  |                      |                  |           |
|--------------------------------------------|------------------|----------------------|------------|--------|-----------------------------------|------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                       | Client sample ID | Analyte              | CAS Number | Method | LOR                               | Unit | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Total Metals (QC Lot: 2287365) - continued |                  |                      |            |        |                                   |      |                 |                  |                      |                  |           |
| VA25C7808-001                              | Anonymous        | Silicon, total       | 7440-21-3  | E420   | 0.10                              | mg/L | 0.13            | 0.15             | 0.02                 | Diff <2x LOR     | ----      |
|                                            |                  | Silver, total        | 7440-22-4  | E420   | 0.000010                          | mg/L | 0.000018        | 0.000016         | 0.000002             | Diff <2x LOR     | ----      |
|                                            |                  | Sodium, total        | 7440-23-5  | E420   | 0.050                             | mg/L | 67.1            | 63.9             | 4.99%                | 20%              | ----      |
|                                            |                  | Strontium, total     | 7440-24-6  | E420   | 0.00020                           | mg/L | 1.03            | 1.01             | 1.99%                | 20%              | ----      |
|                                            |                  | Sulfur, total        | 7704-34-9  | E420   | 0.50                              | mg/L | 14.3            | 14.1             | 1.50%                | 20%              | ----      |
|                                            |                  | Tellurium, total     | 13494-80-9 | E420   | 0.00020                           | mg/L | <0.00020        | <0.00020         | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Thallium, total      | 7440-28-0  | E420   | 0.000010                          | mg/L | <0.000010       | <0.000010        | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Thorium, total       | 7440-29-1  | E420   | 0.00010                           | mg/L | <0.00010        | <0.00010         | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Tin, total           | 7440-31-5  | E420   | 0.00010                           | mg/L | 0.00016         | 0.00016          | 0.000005             | Diff <2x LOR     | ----      |
|                                            |                  | Titanium, total      | 7440-32-6  | E420   | 0.00030                           | mg/L | 0.00042         | 0.00044          | 0.00002              | Diff <2x LOR     | ----      |
|                                            |                  | Tungsten, total      | 7440-33-7  | E420   | 0.00010                           | mg/L | <0.00010        | <0.00010         | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Uranium, total       | 7440-61-1  | E420   | 0.000010                          | mg/L | 0.000032        | 0.000032         | 0.0000002            | Diff <2x LOR     | ----      |
|                                            |                  | Vanadium, total      | 7440-62-2  | E420   | 0.00050                           | mg/L | <0.00050        | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Zinc, total          | 7440-66-6  | E420   | 0.0030                            | mg/L | 0.0443          | 0.0421           | 5.02%                | 20%              | ----      |
|                                            |                  | Zirconium, total     | 7440-67-7  | E420   | 0.00020                           | mg/L | <0.00020        | <0.00020         | 0                    | Diff <2x LOR     | ----      |
| Total Metals (QC Lot: 2294950)             |                  |                      |            |        |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                              | WTP              | Mercury, total       | 7439-97-6  | E508   | 0.0000050                         | mg/L | <0.0000050      | <0.0000050       | 0                    | Diff <2x LOR     | ----      |
| Dissolved Metals (QC Lot: 2287368)         |                  |                      |            |        |                                   |      |                 |                  |                      |                  |           |
| VA25C7808-001                              | Anonymous        | Aluminum, dissolved  | 7429-90-5  | E421   | 0.0010                            | mg/L | <0.0010         | <0.0010          | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Antimony, dissolved  | 7440-36-0  | E421   | 0.00010                           | mg/L | 0.00031         | 0.00031          | 0.0000006            | Diff <2x LOR     | ----      |
|                                            |                  | Arsenic, dissolved   | 7440-38-2  | E421   | 0.00010                           | mg/L | <0.00010        | <0.00010         | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Barium, dissolved    | 7440-39-3  | E421   | 0.00010                           | mg/L | 0.00145         | 0.00144          | 0.862%               | 20%              | ----      |
|                                            |                  | Beryllium, dissolved | 7440-41-7  | E421   | 0.000020                          | mg/L | <0.000020       | <0.000020        | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Bismuth, dissolved   | 7440-69-9  | E421   | 0.000050                          | mg/L | <0.000050       | <0.000050        | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Boron, dissolved     | 7440-42-8  | E421   | 0.010                             | mg/L | 0.021           | 0.021            | 0.0002               | Diff <2x LOR     | ----      |
|                                            |                  | Cadmium, dissolved   | 7440-43-9  | E421   | 0.0000050                         | mg/L | <0.0000050      | <0.0000050       | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Calcium, dissolved   | 7440-70-2  | E421   | 0.050                             | mg/L | 57.4            | 58.5             | 1.94%                | 20%              | ----      |
|                                            |                  | Cesium, dissolved    | 7440-46-2  | E421   | 0.000010                          | mg/L | 0.000083        | 0.000082         | 0.0000005            | Diff <2x LOR     | ----      |
|                                            |                  | Chromium, dissolved  | 7440-47-3  | E421   | 0.00050                           | mg/L | <0.00050        | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Cobalt, dissolved    | 7440-48-4  | E421   | 0.00010                           | mg/L | 0.0305          | 0.0307           | 0.695%               | 20%              | ----      |
|                                            |                  | Copper, dissolved    | 7440-50-8  | E421   | 0.00020                           | mg/L | <0.00020        | <0.00020         | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Iron, dissolved      | 7439-89-6  | E421   | 0.010                             | mg/L | <0.010          | <0.010           | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Lead, dissolved      | 7439-92-1  | E421   | 0.000050                          | mg/L | <0.000050       | <0.000050        | 0                    | Diff <2x LOR     | ----      |
|                                            |                  | Lithium, dissolved   | 7439-93-2  | E421   | 0.0010                            | mg/L | 0.0454          | 0.0476           | 4.74%                | 20%              | ----      |



| Sub-Matrix: Water                              |                  |                       |            |        | Laboratory Duplicate (DUP) Report |      |                 |                  |                      |                  |           |
|------------------------------------------------|------------------|-----------------------|------------|--------|-----------------------------------|------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                           | Client sample ID | Analyte               | CAS Number | Method | LOR                               | Unit | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Dissolved Metals (QC Lot: 2287368) - continued |                  |                       |            |        |                                   |      |                 |                  |                      |                  |           |
| VA25C7808-001                                  | Anonymous        | Magnesium, dissolved  | 7439-95-4  | E421   | 0.100                             | mg/L | 0.515           | 0.514            | 0.0008               | Diff <2x LOR     | ----      |
|                                                |                  | Manganese, dissolved  | 7439-96-5  | E421   | 0.00010                           | mg/L | 0.0590          | 0.0587           | 0.616%               | 20%              | ----      |
|                                                |                  | Molybdenum, dissolved | 7439-98-7  | E421   | 0.000050                          | mg/L | 0.00254         | 0.00253          | 0.561%               | 20%              | ----      |
|                                                |                  | Nickel, dissolved     | 7440-02-0  | E421   | 0.00050                           | mg/L | 0.0141          | 0.0141           | 0.0542%              | 20%              | ----      |
|                                                |                  | Phosphorus, dissolved | 7723-14-0  | E421   | 0.050                             | mg/L | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Potassium, dissolved  | 7440-09-7  | E421   | 0.100                             | mg/L | 2.98            | 2.98             | 0.109%               | 20%              | ----      |
|                                                |                  | Rubidium, dissolved   | 7440-17-7  | E421   | 0.00020                           | mg/L | 0.00368         | 0.00366          | 0.604%               | 20%              | ----      |
|                                                |                  | Selenium, dissolved   | 7782-49-2  | E421   | 0.000050                          | mg/L | 0.000626        | 0.000633         | 1.04%                | 20%              | ----      |
|                                                |                  | Silicon, dissolved    | 7440-21-3  | E421   | 0.050                             | mg/L | 0.106           | 0.096            | 0.010                | Diff <2x LOR     | ----      |
|                                                |                  | Silver, dissolved     | 7440-22-4  | E421   | 0.000010                          | mg/L | <0.000010       | <0.000010        | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Sodium, dissolved     | 7440-23-5  | E421   | 0.050                             | mg/L | 66.4            | 66.6             | 0.350%               | 20%              | ----      |
|                                                |                  | Strontium, dissolved  | 7440-24-6  | E421   | 0.00020                           | mg/L | 0.987           | 0.989            | 0.240%               | 20%              | ----      |
|                                                |                  | Sulfur, dissolved     | 7704-34-9  | E421   | 0.50                              | mg/L | 12.4            | 12.8             | 3.31%                | 20%              | ----      |
|                                                |                  | Tellurium, dissolved  | 13494-80-9 | E421   | 0.00020                           | mg/L | <0.00020        | <0.00020         | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Thallium, dissolved   | 7440-28-0  | E421   | 0.000010                          | mg/L | <0.000010       | <0.000010        | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Thorium, dissolved    | 7440-29-1  | E421   | 0.00010                           | mg/L | <0.00010        | <0.00010         | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Tin, dissolved        | 7440-31-5  | E421   | 0.00010                           | mg/L | <0.00010        | <0.00010         | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Titanium, dissolved   | 7440-32-6  | E421   | 0.00030                           | mg/L | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Tungsten, dissolved   | 7440-33-7  | E421   | 0.00010                           | mg/L | <0.00010        | <0.00010         | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Uranium, dissolved    | 7440-61-1  | E421   | 0.000010                          | mg/L | 0.000018        | 0.000017         | 0.0000002            | Diff <2x LOR     | ----      |
|                                                |                  | Vanadium, dissolved   | 7440-62-2  | E421   | 0.00050                           | mg/L | <0.00050        | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Zinc, dissolved       | 7440-66-6  | E421   | 0.0010                            | mg/L | 0.0353          | 0.0344           | 2.50%                | 20%              | ----      |
|                                                |                  | Zirconium, dissolved  | 7440-67-7  | E421   | 0.00020                           | mg/L | <0.00020        | <0.00020         | 0                    | Diff <2x LOR     | ----      |
| Dissolved Metals (QC Lot: 2294955)             |                  |                       |            |        |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                                  | WTP              | Mercury, dissolved    | 7439-97-6  | E509   | 0.0000050                         | mg/L | <0.0000050      | <0.0000050       | 0                    | Diff <2x LOR     | ----      |
| Aggregate Organics (QC Lot: 2291988)           |                  |                       |            |        |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                                  | WTP              | Phenols, total (4AAP) | ----       | E562   | 0.0010                            | mg/L | <0.0010         | <0.0010          | 0                    | Diff <2x LOR     | ----      |
| Volatile Organic Compounds (QC Lot: 2290364)   |                  |                       |            |        |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                                  | WTP              | Benzene               | 71-43-2    | E611C  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Bromodichloromethane  | 75-27-4    | E611C  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Bromoform             | 75-25-2    | E611C  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Carbon tetrachloride  | 56-23-5    | E611C  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Chlorobenzene         | 108-90-7   | E611C  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                |                  | Chloroethane          | 75-00-3    | E611C  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |



| Sub-Matrix: Water                                        |                  |                                |             |            | Laboratory Duplicate (DUP) Report |      |                 |                  |                      |                  |           |
|----------------------------------------------------------|------------------|--------------------------------|-------------|------------|-----------------------------------|------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                                     | Client sample ID | Analyte                        | CAS Number  | Method     | LOR                               | Unit | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Volatile Organic Compounds (QC Lot: 2290364) - continued |                  |                                |             |            |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                                            | WTP              | Chloroform                     | 67-66-3     | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Chloromethane                  | 74-87-3     | E611C      | 5.0                               | µg/L | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dibromochloromethane           | 124-48-1    | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dichlorobenzene, 1,2-          | 95-50-1     | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dichlorobenzene, 1,3-          | 541-73-1    | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dichlorobenzene, 1,4-          | 106-46-7    | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dichloroethane, 1,1-           | 75-34-3     | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dichloroethane, 1,2-           | 107-06-2    | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dichloroethylene, 1,1-         | 75-35-4     | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dichloroethylene, cis-1,2-     | 156-59-2    | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dichloroethylene, trans-1,2-   | 156-60-5    | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dichloromethane                | 75-09-2     | E611C      | 1.0                               | µg/L | <1.0            | <1.0             | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dichloropropane, 1,2-          | 78-87-5     | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dichloropropylene, cis-1,3-    | 10061-01-5  | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Dichloropropylene, trans-1,3-  | 10061-02-6  | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Ethylbenzene                   | 100-41-4    | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Methyl-tert-butyl ether [MTBE] | 1634-04-4   | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Styrene                        | 100-42-5    | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Tetrachloroethane, 1,1,1,2-    | 630-20-6    | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Tetrachloroethane, 1,1,1,2,2-  | 79-34-5     | E611C      | 0.20                              | µg/L | <0.20           | <0.20            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Tetrachloroethylene            | 127-18-4    | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Toluene                        | 108-88-3    | E611C      | 0.40                              | µg/L | <0.40           | <0.40            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Trichloroethane, 1,1,1-        | 71-55-6     | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Trichloroethane, 1,1,2-        | 79-00-5     | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Trichloroethylene              | 79-01-6     | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Trichlorofluoromethane         | 75-69-4     | E611C      | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Vinyl chloride                 | 75-01-4     | E611C      | 0.40                              | µg/L | <0.40           | <0.40            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Xylene, m+p-                   | 179601-23-1 | E611C      | 0.40                              | µg/L | <0.40           | <0.40            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Xylene, o-                     | 95-47-6     | E611C      | 0.30                              | µg/L | <0.30           | <0.30            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Hydrocarbons (QC Lot: 2290363) |             |            |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                                            | WTP              | VHw (C6-C10)                   | ----        | E581.VH+F1 | 100                               | µg/L | <100            | <100             | 0.0%                 | 30%              | ----      |
| Glycols (QC Lot: 2289551)                                |                  |                                |             |            |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                                            | WTP              | Diethylene glycol              | 111-46-6    | E680E      | 5.0                               | mg/L | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
|                                                          |                  | Ethylene glycol                | 107-21-1    | E680E      | 5.0                               | mg/L | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |



| Sub-Matrix: <b>Water</b>              |                  |                        |            |        | Laboratory Duplicate (DUP) Report |      |                 |                  |                      |                  |           |
|---------------------------------------|------------------|------------------------|------------|--------|-----------------------------------|------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                  | Client sample ID | Analyte                | CAS Number | Method | LOR                               | Unit | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Glycols (QC Lot: 2289551) - continued |                  |                        |            |        |                                   |      |                 |                  |                      |                  |           |
| VA25C7812-001                         | WTP              | Propylene glycol, 1,2- | 57-55-6    | E680E  | 5.0                               | mg/L | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
|                                       |                  | Triethylene glycol     | 112-27-6   | E680E  | 5.0                               | mg/L | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |



## Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: Water

| Analyte                                             | CAS Number | Method                  | LOR   | Unit  | Result  | Qualifier |
|-----------------------------------------------------|------------|-------------------------|-------|-------|---------|-----------|
| <b>Physical Tests (QCLot: 2287528)</b>              |            |                         |       |       |         |           |
| Conductivity                                        | ----       | E100                    | 1     | µS/cm | <1.0    | ----      |
| <b>Physical Tests (QCLot: 2287530)</b>              |            |                         |       |       |         |           |
| Alkalinity, bicarbonate (as CaCO <sub>3</sub> )     | ----       | E290                    | 1     | mg/L  | <1.0    | ----      |
| Alkalinity, carbonate (as CaCO <sub>3</sub> )       | ----       | E290                    | 1     | mg/L  | <1.0    | ----      |
| Alkalinity, hydroxide (as CaCO <sub>3</sub> )       | ----       | E290                    | 1     | mg/L  | <1.0    | ----      |
| Alkalinity, phenolphthalein (as CaCO <sub>3</sub> ) | ----       | E290                    | 1     | mg/L  | <1.0    | ----      |
| Alkalinity, total (as CaCO <sub>3</sub> )           | ----       | E290                    | 1     | mg/L  | <1.0    | ----      |
| <b>Physical Tests (QCLot: 2287569)</b>              |            |                         |       |       |         |           |
| Solids, total suspended [TSS]                       | ----       | E160                    | 3     | mg/L  | <3.0    | ----      |
| <b>Physical Tests (QCLot: 2287583)</b>              |            |                         |       |       |         |           |
| Solids, total dissolved [TDS]                       | ----       | E162                    | 10    | mg/L  | <10     | ----      |
| <b>Physical Tests (QCLot: 2287803)</b>              |            |                         |       |       |         |           |
| Turbidity                                           | ----       | E121                    | 0.1   | NTU   | <0.10   | ----      |
| <b>Anions and Nutrients (QCLot: 2287355)</b>        |            |                         |       |       |         |           |
| Ammonia, total (as N)                               | 7664-41-7  | E298                    | 0.005 | mg/L  | <0.0050 | ----      |
| <b>Anions and Nutrients (QCLot: 2289664)</b>        |            |                         |       |       |         |           |
| Fluoride                                            | 16984-48-8 | E235.F                  | 0.02  | mg/L  | <0.020  | ----      |
| <b>Anions and Nutrients (QCLot: 2289665)</b>        |            |                         |       |       |         |           |
| Chloride                                            | 16887-00-6 | E235.Cl                 | 0.5   | mg/L  | <0.50   | ----      |
| <b>Anions and Nutrients (QCLot: 2289666)</b>        |            |                         |       |       |         |           |
| Bromide                                             | 24959-67-9 | E235.Br-L               | 0.05  | mg/L  | <0.050  | ----      |
| <b>Anions and Nutrients (QCLot: 2289668)</b>        |            |                         |       |       |         |           |
| Nitrate (as N)                                      | 14797-55-8 | E235.NO <sub>3</sub> -L | 0.005 | mg/L  | <0.0050 | ----      |
| <b>Anions and Nutrients (QCLot: 2289669)</b>        |            |                         |       |       |         |           |
| Nitrite (as N)                                      | 14797-65-0 | E235.NO <sub>2</sub> -L | 0.001 | mg/L  | <0.0010 | ----      |
| <b>Anions and Nutrients (QCLot: 2289670)</b>        |            |                         |       |       |         |           |
| Sulfate (as SO <sub>4</sub> )                       | 14808-79-8 | E235.SO <sub>4</sub>    | 0.3   | mg/L  | <0.30   | ----      |
| <b>Anions and Nutrients (QCLot: 2289706)</b>        |            |                         |       |       |         |           |
| Nitrogen, total                                     | 7727-37-9  | E366                    | 0.03  | mg/L  | <0.030  | ----      |
| <b>Anions and Nutrients (QCLot: 2289707)</b>        |            |                         |       |       |         |           |
| Phosphorus, total                                   | 7723-14-0  | E372-U                  | 0.002 | mg/L  | <0.0020 | ----      |
| <b>Organic / Inorganic Carbon (QCLot: 2289704)</b>  |            |                         |       |       |         |           |





Sub-Matrix: **Water**

| Analyte                                                        | CAS Number | Method | LOR      | Unit | Result     | Qualifier |
|----------------------------------------------------------------|------------|--------|----------|------|------------|-----------|
| <b>Organic / Inorganic Carbon (QCLot: 2289704) - continued</b> |            |        |          |      |            |           |
| Carbon, dissolved organic [DOC]                                | ----       | E358-L | 0.5      | mg/L | <0.50      | ----      |
| <b>Organic / Inorganic Carbon (QCLot: 2289705)</b>             |            |        |          |      |            |           |
| Carbon, total organic [TOC]                                    | ----       | E355-L | 0.5      | mg/L | <0.50      | ----      |
| <b>Total Metals (QCLot: 2287365)</b>                           |            |        |          |      |            |           |
| Aluminum, total                                                | 7429-90-5  | E420   | 0.003    | mg/L | <0.0030    | ----      |
| Antimony, total                                                | 7440-36-0  | E420   | 0.0001   | mg/L | <0.00010   | ----      |
| Arsenic, total                                                 | 7440-38-2  | E420   | 0.0001   | mg/L | <0.00010   | ----      |
| Barium, total                                                  | 7440-39-3  | E420   | 0.0001   | mg/L | <0.00010   | ----      |
| Beryllium, total                                               | 7440-41-7  | E420   | 0.00002  | mg/L | <0.000020  | ----      |
| Bismuth, total                                                 | 7440-69-9  | E420   | 0.00005  | mg/L | <0.000050  | ----      |
| Boron, total                                                   | 7440-42-8  | E420   | 0.01     | mg/L | <0.010     | ----      |
| Cadmium, total                                                 | 7440-43-9  | E420   | 0.000005 | mg/L | <0.0000050 | ----      |
| Calcium, total                                                 | 7440-70-2  | E420   | 0.05     | mg/L | <0.050     | ----      |
| Cesium, total                                                  | 7440-46-2  | E420   | 0.00001  | mg/L | <0.000010  | ----      |
| Chromium, total                                                | 7440-47-3  | E420   | 0.0005   | mg/L | <0.00050   | ----      |
| Cobalt, total                                                  | 7440-48-4  | E420   | 0.0001   | mg/L | <0.00010   | ----      |
| Copper, total                                                  | 7440-50-8  | E420   | 0.0005   | mg/L | <0.00050   | ----      |
| Iron, total                                                    | 7439-89-6  | E420   | 0.01     | mg/L | <0.010     | ----      |
| Lead, total                                                    | 7439-92-1  | E420   | 0.00005  | mg/L | <0.000050  | ----      |
| Lithium, total                                                 | 7439-93-2  | E420   | 0.001    | mg/L | <0.0010    | ----      |
| Magnesium, total                                               | 7439-95-4  | E420   | 0.005    | mg/L | <0.0050    | ----      |
| Manganese, total                                               | 7439-96-5  | E420   | 0.0001   | mg/L | <0.00010   | ----      |
| Molybdenum, total                                              | 7439-98-7  | E420   | 0.00005  | mg/L | <0.000050  | ----      |
| Nickel, total                                                  | 7440-02-0  | E420   | 0.0005   | mg/L | <0.00050   | ----      |
| Phosphorus, total                                              | 7723-14-0  | E420   | 0.05     | mg/L | <0.050     | ----      |
| Potassium, total                                               | 7440-09-7  | E420   | 0.05     | mg/L | <0.050     | ----      |
| Rubidium, total                                                | 7440-17-7  | E420   | 0.0002   | mg/L | <0.00020   | ----      |
| Selenium, total                                                | 7782-49-2  | E420   | 0.00005  | mg/L | <0.000050  | ----      |
| Silicon, total                                                 | 7440-21-3  | E420   | 0.1      | mg/L | <0.10      | ----      |
| Silver, total                                                  | 7440-22-4  | E420   | 0.00001  | mg/L | <0.000010  | ----      |
| Sodium, total                                                  | 7440-23-5  | E420   | 0.05     | mg/L | <0.050     | ----      |
| Strontium, total                                               | 7440-24-6  | E420   | 0.0002   | mg/L | <0.00020   | ----      |
| Sulfur, total                                                  | 7704-34-9  | E420   | 0.5      | mg/L | <0.50      | ----      |
| Tellurium, total                                               | 13494-80-9 | E420   | 0.0002   | mg/L | <0.00020   | ----      |
| Thallium, total                                                | 7440-28-0  | E420   | 0.00001  | mg/L | <0.000010  | ----      |



Sub-Matrix: **Water**

| Analyte                                          | CAS Number | Method | LOR      | Unit | Result     | Qualifier |
|--------------------------------------------------|------------|--------|----------|------|------------|-----------|
| <b>Total Metals (QCLot: 2287365) - continued</b> |            |        |          |      |            |           |
| Thorium, total                                   | 7440-29-1  | E420   | 0.0001   | mg/L | <0.00010   | ----      |
| Tin, total                                       | 7440-31-5  | E420   | 0.0001   | mg/L | <0.00010   | ----      |
| Titanium, total                                  | 7440-32-6  | E420   | 0.0003   | mg/L | <0.00030   | ----      |
| Tungsten, total                                  | 7440-33-7  | E420   | 0.0001   | mg/L | <0.00010   | ----      |
| Uranium, total                                   | 7440-61-1  | E420   | 0.00001  | mg/L | <0.000010  | ----      |
| Vanadium, total                                  | 7440-62-2  | E420   | 0.0005   | mg/L | <0.00050   | ----      |
| Zinc, total                                      | 7440-66-6  | E420   | 0.003    | mg/L | <0.0030    | ----      |
| Zirconium, total                                 | 7440-67-7  | E420   | 0.0002   | mg/L | <0.00020   | ----      |
| <b>Total Metals (QCLot: 2294950)</b>             |            |        |          |      |            |           |
| Mercury, total                                   | 7439-97-6  | E508   | 0.000005 | mg/L | <0.0000050 | ----      |
| <b>Dissolved Metals (QCLot: 2287368)</b>         |            |        |          |      |            |           |
| Aluminum, dissolved                              | 7429-90-5  | E421   | 0.001    | mg/L | <0.0010    | ----      |
| Antimony, dissolved                              | 7440-36-0  | E421   | 0.0001   | mg/L | <0.00010   | ----      |
| Arsenic, dissolved                               | 7440-38-2  | E421   | 0.0001   | mg/L | <0.00010   | ----      |
| Barium, dissolved                                | 7440-39-3  | E421   | 0.0001   | mg/L | <0.00010   | ----      |
| Beryllium, dissolved                             | 7440-41-7  | E421   | 0.00002  | mg/L | <0.000020  | ----      |
| Bismuth, dissolved                               | 7440-69-9  | E421   | 0.00005  | mg/L | <0.000050  | ----      |
| Boron, dissolved                                 | 7440-42-8  | E421   | 0.01     | mg/L | <0.010     | ----      |
| Cadmium, dissolved                               | 7440-43-9  | E421   | 0.000005 | mg/L | <0.0000050 | ----      |
| Calcium, dissolved                               | 7440-70-2  | E421   | 0.05     | mg/L | <0.050     | ----      |
| Cesium, dissolved                                | 7440-46-2  | E421   | 0.00001  | mg/L | <0.000010  | ----      |
| Chromium, dissolved                              | 7440-47-3  | E421   | 0.0005   | mg/L | <0.00050   | ----      |
| Cobalt, dissolved                                | 7440-48-4  | E421   | 0.0001   | mg/L | <0.00010   | ----      |
| Copper, dissolved                                | 7440-50-8  | E421   | 0.0002   | mg/L | <0.00020   | ----      |
| Iron, dissolved                                  | 7439-89-6  | E421   | 0.01     | mg/L | <0.010     | ----      |
| Lead, dissolved                                  | 7439-92-1  | E421   | 0.00005  | mg/L | <0.000050  | ----      |
| Lithium, dissolved                               | 7439-93-2  | E421   | 0.001    | mg/L | <0.0010    | ----      |
| Magnesium, dissolved                             | 7439-95-4  | E421   | 0.005    | mg/L | <0.0050    | ----      |
| Manganese, dissolved                             | 7439-96-5  | E421   | 0.0001   | mg/L | <0.00010   | ----      |
| Molybdenum, dissolved                            | 7439-98-7  | E421   | 0.00005  | mg/L | <0.000050  | ----      |
| Nickel, dissolved                                | 7440-02-0  | E421   | 0.0005   | mg/L | <0.00050   | ----      |
| Phosphorus, dissolved                            | 7723-14-0  | E421   | 0.05     | mg/L | <0.050     | ----      |
| Potassium, dissolved                             | 7440-09-7  | E421   | 0.05     | mg/L | <0.050     | ----      |
| Rubidium, dissolved                              | 7440-17-7  | E421   | 0.0002   | mg/L | <0.00020   | ----      |
| Selenium, dissolved                              | 7782-49-2  | E421   | 0.00005  | mg/L | <0.000050  | ----      |



Sub-Matrix: **Water**

| Analyte                                              | CAS Number | Method | LOR      | Unit | Result     | Qualifier |
|------------------------------------------------------|------------|--------|----------|------|------------|-----------|
| <b>Dissolved Metals (QCLot: 2287368) - continued</b> |            |        |          |      |            |           |
| Silicon, dissolved                                   | 7440-21-3  | E421   | 0.05     | mg/L | <0.050     | ----      |
| Silver, dissolved                                    | 7440-22-4  | E421   | 0.00001  | mg/L | <0.000010  | ----      |
| Sodium, dissolved                                    | 7440-23-5  | E421   | 0.05     | mg/L | <0.050     | ----      |
| Strontium, dissolved                                 | 7440-24-6  | E421   | 0.0002   | mg/L | <0.00020   | ----      |
| Sulfur, dissolved                                    | 7704-34-9  | E421   | 0.5      | mg/L | <0.50      | ----      |
| Tellurium, dissolved                                 | 13494-80-9 | E421   | 0.0002   | mg/L | <0.00020   | ----      |
| Thallium, dissolved                                  | 7440-28-0  | E421   | 0.00001  | mg/L | <0.000010  | ----      |
| Thorium, dissolved                                   | 7440-29-1  | E421   | 0.0001   | mg/L | <0.00010   | ----      |
| Tin, dissolved                                       | 7440-31-5  | E421   | 0.0001   | mg/L | <0.00010   | ----      |
| Titanium, dissolved                                  | 7440-32-6  | E421   | 0.0003   | mg/L | <0.00030   | ----      |
| Tungsten, dissolved                                  | 7440-33-7  | E421   | 0.0001   | mg/L | <0.00010   | ----      |
| Uranium, dissolved                                   | 7440-61-1  | E421   | 0.00001  | mg/L | <0.000010  | ----      |
| Vanadium, dissolved                                  | 7440-62-2  | E421   | 0.0005   | mg/L | <0.00050   | ----      |
| Zinc, dissolved                                      | 7440-66-6  | E421   | 0.001    | mg/L | <0.0010    | ----      |
| Zirconium, dissolved                                 | 7440-67-7  | E421   | 0.0002   | mg/L | <0.00020   | ----      |
| <b>Dissolved Metals (QCLot: 2294955)</b>             |            |        |          |      |            |           |
| Mercury, dissolved                                   | 7439-97-6  | E509   | 0.000005 | mg/L | <0.0000050 | ----      |
| <b>Aggregate Organics (QCLot: 2291988)</b>           |            |        |          |      |            |           |
| Phenols, total (4AAP)                                | ----       | E562   | 0.001    | mg/L | <0.0010    | ----      |
| <b>Volatile Organic Compounds (QCLot: 2290364)</b>   |            |        |          |      |            |           |
| Benzene                                              | 71-43-2    | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Bromodichloromethane                                 | 75-27-4    | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Bromoform                                            | 75-25-2    | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Carbon tetrachloride                                 | 56-23-5    | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Chlorobenzene                                        | 108-90-7   | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Chloroethane                                         | 75-00-3    | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Chloroform                                           | 67-66-3    | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Chloromethane                                        | 74-87-3    | E611C  | 5        | µg/L | <5.0       | ----      |
| Dibromochloromethane                                 | 124-48-1   | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Dichlorobenzene, 1,2-                                | 95-50-1    | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Dichlorobenzene, 1,3-                                | 541-73-1   | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Dichlorobenzene, 1,4-                                | 106-46-7   | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Dichloroethane, 1,1-                                 | 75-34-3    | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Dichloroethane, 1,2-                                 | 107-06-2   | E611C  | 0.5      | µg/L | <0.50      | ----      |
| Dichloroethylene, 1,1-                               | 75-35-4    | E611C  | 0.5      | µg/L | <0.50      | ----      |



Sub-Matrix: **Water**

| Analyte                                                        | CAS Number  | Method     | LOR   | Unit | Result  | Qualifier |
|----------------------------------------------------------------|-------------|------------|-------|------|---------|-----------|
| <b>Volatile Organic Compounds (QCLot: 2290364) - continued</b> |             |            |       |      |         |           |
| Dichloroethylene, cis-1,2-                                     | 156-59-2    | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Dichloroethylene, trans-1,2-                                   | 156-60-5    | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Dichloromethane                                                | 75-09-2     | E611C      | 1     | µg/L | <1.0    | ----      |
| Dichloropropane, 1,2-                                          | 78-87-5     | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Dichloropropylene, cis-1,3-                                    | 10061-01-5  | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Dichloropropylene, trans-1,3-                                  | 10061-02-6  | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Ethylbenzene                                                   | 100-41-4    | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Methyl-tert-butyl ether [MTBE]                                 | 1634-04-4   | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Styrene                                                        | 100-42-5    | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Tetrachloroethane, 1,1,1,2-                                    | 630-20-6    | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Tetrachloroethane, 1,1,2,2-                                    | 79-34-5     | E611C      | 0.2   | µg/L | <0.20   | ----      |
| Tetrachloroethylene                                            | 127-18-4    | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Toluene                                                        | 108-88-3    | E611C      | 0.4   | µg/L | <0.40   | ----      |
| Trichloroethane, 1,1,1-                                        | 71-55-6     | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Trichloroethane, 1,1,2-                                        | 79-00-5     | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Trichloroethylene                                              | 79-01-6     | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Trichlorofluoromethane                                         | 75-69-4     | E611C      | 0.5   | µg/L | <0.50   | ----      |
| Vinyl chloride                                                 | 75-01-4     | E611C      | 0.4   | µg/L | <0.40   | ----      |
| Xylene, m+p-                                                   | 179601-23-1 | E611C      | 0.4   | µg/L | <0.40   | ----      |
| Xylene, o-                                                     | 95-47-6     | E611C      | 0.3   | µg/L | <0.30   | ----      |
| <b>Hydrocarbons (QCLot: 2289599)</b>                           |             |            |       |      |         |           |
| EPH (C10-C19)                                                  | ----        | E601A      | 250   | µg/L | <250    | ----      |
| EPH (C19-C32)                                                  | ----        | E601A      | 250   | µg/L | <250    | ----      |
| <b>Hydrocarbons (QCLot: 2290363)</b>                           |             |            |       |      |         |           |
| VHw (C6-C10)                                                   | ----        | E581.VH+F1 | 100   | µg/L | <100    | ----      |
| <b>Polycyclic Aromatic Hydrocarbons (QCLot: 2289600)</b>       |             |            |       |      |         |           |
| Acenaphthene                                                   | 83-32-9     | E641A      | 0.01  | µg/L | <0.010  | ----      |
| Acenaphthylene                                                 | 208-96-8    | E641A      | 0.01  | µg/L | <0.010  | ----      |
| Acridine                                                       | 260-94-6    | E641A      | 0.01  | µg/L | <0.010  | ----      |
| Anthracene                                                     | 120-12-7    | E641A      | 0.01  | µg/L | <0.010  | ----      |
| Benz(a)anthracene                                              | 56-55-3     | E641A      | 0.01  | µg/L | <0.010  | ----      |
| Benzo(a)pyrene                                                 | 50-32-8     | E641A      | 0.005 | µg/L | <0.0050 | ----      |
| Benzo(b+j)fluoranthene                                         | n/a         | E641A      | 0.01  | µg/L | <0.010  | ----      |
| Benzo(g,h,i)perylene                                           | 191-24-2    | E641A      | 0.01  | µg/L | <0.010  | ----      |
| Benzo(k)fluoranthene                                           | 207-08-9    | E641A      | 0.01  | µg/L | <0.010  | ----      |



Sub-Matrix: Water

| Analyte                                                       | CAS Number | Method | LOR   | Unit | Result  | Qualifier |
|---------------------------------------------------------------|------------|--------|-------|------|---------|-----------|
| Polycyclic Aromatic Hydrocarbons (QCLot: 2289600) - continued |            |        |       |      |         |           |
| Chrysene                                                      | 218-01-9   | E641A  | 0.01  | µg/L | <0.010  | ----      |
| Dibenz(a,h)anthracene                                         | 53-70-3    | E641A  | 0.005 | µg/L | <0.0050 | ----      |
| Fluoranthene                                                  | 206-44-0   | E641A  | 0.01  | µg/L | <0.010  | ----      |
| Fluorene                                                      | 86-73-7    | E641A  | 0.01  | µg/L | <0.010  | ----      |
| Indeno(1,2,3-c,d)pyrene                                       | 193-39-5   | E641A  | 0.01  | µg/L | <0.010  | ----      |
| Methylnaphthalene, 1-                                         | 90-12-0    | E641A  | 0.01  | µg/L | <0.010  | ----      |
| Methylnaphthalene, 2-                                         | 91-57-6    | E641A  | 0.01  | µg/L | <0.010  | ----      |
| Naphthalene                                                   | 91-20-3    | E641A  | 0.05  | µg/L | <0.050  | ----      |
| Phenanthrene                                                  | 85-01-8    | E641A  | 0.02  | µg/L | <0.020  | ----      |
| Pyrene                                                        | 129-00-0   | E641A  | 0.01  | µg/L | <0.010  | ----      |
| Quinoline                                                     | 91-22-5    | E641A  | 0.05  | µg/L | <0.050  | ----      |
| Glycols (QCLot: 2289551)                                      |            |        |       |      |         |           |
| Diethylene glycol                                             | 111-46-6   | E680E  | 5     | mg/L | <5.0    | ----      |
| Ethylene glycol                                               | 107-21-1   | E680E  | 5     | mg/L | <5.0    | ----      |
| Propylene glycol, 1,2-                                        | 57-55-6    | E680E  | 5     | mg/L | <5.0    | ----      |
| Triethylene glycol                                            | 112-27-6   | E680E  | 5     | mg/L | <5.0    | ----      |



Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

| Sub-Matrix: Water                      |            |            |       |          | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|----------------------------------------|------------|------------|-------|----------|----------------------------------------|--------------|---------------------|------|-----------|
|                                        |            |            |       |          | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                        |            |            |       |          | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                | CAS Number | Method     | LOR   | Unit     | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Physical Tests (QCLot: 2287528)        |            |            |       |          |                                        |              |                     |      |           |
| Conductivity                           | ----       | E100       | 1     | µS/cm    | 147 µS/cm                              | 99.3         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2287529)        |            |            |       |          |                                        |              |                     |      |           |
| pH                                     | ----       | E108       | ----  | pH units | 7 pH units                             | 99.7         | 98.0                | 102  | ----      |
| Physical Tests (QCLot: 2287530)        |            |            |       |          |                                        |              |                     |      |           |
| Alkalinity, phenolphthalein (as CaCO3) | ----       | E290       | 1     | mg/L     | 229 mg/L                               | 106          | 75.0                | 125  | ----      |
| Alkalinity, total (as CaCO3)           | ----       | E290       | 1     | mg/L     | 500 mg/L                               | 103          | 85.0                | 115  | ----      |
| Physical Tests (QCLot: 2287569)        |            |            |       |          |                                        |              |                     |      |           |
| Solids, total suspended [TSS]          | ----       | E160       | 3     | mg/L     | 150 mg/L                               | 99.7         | 85.0                | 115  | ----      |
| Physical Tests (QCLot: 2287583)        |            |            |       |          |                                        |              |                     |      |           |
| Solids, total dissolved [TDS]          | ----       | E162       | 10    | mg/L     | 1000 mg/L                              | 106          | 85.0                | 115  | ----      |
| Physical Tests (QCLot: 2287803)        |            |            |       |          |                                        |              |                     |      |           |
| Turbidity                              | ----       | E121       | 0.1   | NTU      | 200 NTU                                | 98.5         | 85.0                | 115  | ----      |
| Anions and Nutrients (QCLot: 2287355)  |            |            |       |          |                                        |              |                     |      |           |
| Ammonia, total (as N)                  | 7664-41-7  | E298       | 0.005 | mg/L     | 0.2 mg/L                               | 104          | 85.0                | 115  | ----      |
| Anions and Nutrients (QCLot: 2289664)  |            |            |       |          |                                        |              |                     |      |           |
| Fluoride                               | 16984-48-8 | E235.F     | 0.02  | mg/L     | 1 mg/L                                 | 98.4         | 90.0                | 110  | ----      |
| Anions and Nutrients (QCLot: 2289665)  |            |            |       |          |                                        |              |                     |      |           |
| Chloride                               | 16887-00-6 | E235.Cl    | 0.5   | mg/L     | 100 mg/L                               | 97.7         | 90.0                | 110  | ----      |
| Anions and Nutrients (QCLot: 2289666)  |            |            |       |          |                                        |              |                     |      |           |
| Bromide                                | 24959-67-9 | E235.Br-L  | 0.05  | mg/L     | 0.5 mg/L                               | 96.8         | 85.0                | 115  | ----      |
| Anions and Nutrients (QCLot: 2289668)  |            |            |       |          |                                        |              |                     |      |           |
| Nitrate (as N)                         | 14797-55-8 | E235.NO3-L | 0.005 | mg/L     | 2.5 mg/L                               | 98.6         | 90.0                | 110  | ----      |
| Anions and Nutrients (QCLot: 2289669)  |            |            |       |          |                                        |              |                     |      |           |
| Nitrite (as N)                         | 14797-65-0 | E235.NO2-L | 0.001 | mg/L     | 0.5 mg/L                               | 98.6         | 90.0                | 110  | ----      |
| Anions and Nutrients (QCLot: 2289670)  |            |            |       |          |                                        |              |                     |      |           |
| Sulfate (as SO4)                       | 14808-79-8 | E235.SO4   | 0.3   | mg/L     | 100 mg/L                               | 99.7         | 90.0                | 110  | ----      |
| Anions and Nutrients (QCLot: 2289706)  |            |            |       |          |                                        |              |                     |      |           |
| Nitrogen, total                        | 7727-37-9  | E366       | 0.03  | mg/L     | 0.5 mg/L                               | 98.7         | 75.0                | 125  | ----      |
| Anions and Nutrients (QCLot: 2289707)  |            |            |       |          |                                        |              |                     |      |           |
| Phosphorus, total                      | 7723-14-0  | E372-U     | 0.002 | mg/L     | 0.05 mg/L                              | 92.9         | 80.0                | 120  | ----      |



| Sub-Matrix: Water                           |            |        |          |      | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------|------------|--------|----------|------|----------------------------------------|--------------|---------------------|------|-----------|
|                                             |            |        |          |      | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                                     | CAS Number | Method | LOR      | Unit | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Organic / Inorganic Carbon (QCLot: 2289704) |            |        |          |      |                                        |              |                     |      |           |
| Carbon, dissolved organic [DOC]             | ----       | E358-L | 0.5      | mg/L | 8.57 mg/L                              | 98.5         | 80.0                | 120  | ----      |
| Organic / Inorganic Carbon (QCLot: 2289705) |            |        |          |      |                                        |              |                     |      |           |
| Carbon, total organic [TOC]                 | ----       | E355-L | 0.5      | mg/L | 8.57 mg/L                              | 100          | 80.0                | 120  | ----      |
| Total Metals (QCLot: 2287365)               |            |        |          |      |                                        |              |                     |      |           |
| Aluminum, total                             | 7429-90-5  | E420   | 0.003    | mg/L | 2 mg/L                                 | 104          | 80.0                | 120  | ----      |
| Antimony, total                             | 7440-36-0  | E420   | 0.0001   | mg/L | 1 mg/L                                 | 101          | 80.0                | 120  | ----      |
| Arsenic, total                              | 7440-38-2  | E420   | 0.0001   | mg/L | 1 mg/L                                 | 101          | 80.0                | 120  | ----      |
| Barium, total                               | 7440-39-3  | E420   | 0.0001   | mg/L | 0.25 mg/L                              | 91.3         | 80.0                | 120  | ----      |
| Beryllium, total                            | 7440-41-7  | E420   | 0.00002  | mg/L | 0.1 mg/L                               | 92.0         | 80.0                | 120  | ----      |
| Bismuth, total                              | 7440-69-9  | E420   | 0.00005  | mg/L | 1 mg/L                                 | 96.8         | 80.0                | 120  | ----      |
| Boron, total                                | 7440-42-8  | E420   | 0.01     | mg/L | 1 mg/L                                 | 86.9         | 80.0                | 120  | ----      |
| Cadmium, total                              | 7440-43-9  | E420   | 0.000005 | mg/L | 0.1 mg/L                               | 100          | 80.0                | 120  | ----      |
| Calcium, total                              | 7440-70-2  | E420   | 0.05     | mg/L | 50 mg/L                                | 93.4         | 80.0                | 120  | ----      |
| Cesium, total                               | 7440-46-2  | E420   | 0.00001  | mg/L | 0.05 mg/L                              | 99.8         | 80.0                | 120  | ----      |
| Chromium, total                             | 7440-47-3  | E420   | 0.0005   | mg/L | 0.25 mg/L                              | 99.5         | 80.0                | 120  | ----      |
| Cobalt, total                               | 7440-48-4  | E420   | 0.0001   | mg/L | 0.25 mg/L                              | 98.8         | 80.0                | 120  | ----      |
| Copper, total                               | 7440-50-8  | E420   | 0.0005   | mg/L | 0.25 mg/L                              | 99.4         | 80.0                | 120  | ----      |
| Iron, total                                 | 7439-89-6  | E420   | 0.01     | mg/L | 1 mg/L                                 | 98.0         | 80.0                | 120  | ----      |
| Lead, total                                 | 7439-92-1  | E420   | 0.00005  | mg/L | 0.5 mg/L                               | 102          | 80.0                | 120  | ----      |
| Lithium, total                              | 7439-93-2  | E420   | 0.001    | mg/L | 0.25 mg/L                              | 89.1         | 80.0                | 120  | ----      |
| Magnesium, total                            | 7439-95-4  | E420   | 0.005    | mg/L | 50 mg/L                                | 102          | 80.0                | 120  | ----      |
| Manganese, total                            | 7439-96-5  | E420   | 0.0001   | mg/L | 0.25 mg/L                              | 93.9         | 80.0                | 120  | ----      |
| Molybdenum, total                           | 7439-98-7  | E420   | 0.00005  | mg/L | 0.25 mg/L                              | 98.0         | 80.0                | 120  | ----      |
| Nickel, total                               | 7440-02-0  | E420   | 0.0005   | mg/L | 0.5 mg/L                               | 97.2         | 80.0                | 120  | ----      |
| Phosphorus, total                           | 7723-14-0  | E420   | 0.05     | mg/L | 10 mg/L                                | 100          | 80.0                | 120  | ----      |
| Potassium, total                            | 7440-09-7  | E420   | 0.05     | mg/L | 50 mg/L                                | 100          | 80.0                | 120  | ----      |
| Rubidium, total                             | 7440-17-7  | E420   | 0.0002   | mg/L | 0.1 mg/L                               | 101          | 80.0                | 120  | ----      |
| Selenium, total                             | 7782-49-2  | E420   | 0.00005  | mg/L | 1 mg/L                                 | 102          | 80.0                | 120  | ----      |
| Silicon, total                              | 7440-21-3  | E420   | 0.1      | mg/L | 10 mg/L                                | 98.0         | 80.0                | 120  | ----      |
| Silver, total                               | 7440-22-4  | E420   | 0.00001  | mg/L | 0.1 mg/L                               | 94.6         | 80.0                | 120  | ----      |
| Sodium, total                               | 7440-23-5  | E420   | 0.05     | mg/L | 50 mg/L                                | 106          | 80.0                | 120  | ----      |
| Strontium, total                            | 7440-24-6  | E420   | 0.0002   | mg/L | 0.25 mg/L                              | 102          | 80.0                | 120  | ----      |
| Sulfur, total                               | 7704-34-9  | E420   | 0.5      | mg/L | 50 mg/L                                | 93.7         | 80.0                | 120  | ----      |
| Tellurium, total                            | 13494-80-9 | E420   | 0.0002   | mg/L | 0.1 mg/L                               | 94.0         | 80.0                | 120  | ----      |
| Thallium, total                             | 7440-28-0  | E420   | 0.00001  | mg/L | 1 mg/L                                 | 101          | 80.0                | 120  | ----      |



| Sub-Matrix: Water                         |            |        |          |      | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|-------------------------------------------|------------|--------|----------|------|----------------------------------------|--------------|---------------------|------|-----------|
|                                           |            |        |          |      | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                           |            |        |          |      | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                   | CAS Number | Method | LOR      | Unit | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Total Metals (QCLot: 2287365) - continued |            |        |          |      |                                        |              |                     |      |           |
| Thorium, total                            | 7440-29-1  | E420   | 0.0001   | mg/L | 0.1 mg/L                               | 106          | 80.0                | 120  | ----      |
| Tin, total                                | 7440-31-5  | E420   | 0.0001   | mg/L | 0.5 mg/L                               | 97.9         | 80.0                | 120  | ----      |
| Titanium, total                           | 7440-32-6  | E420   | 0.0003   | mg/L | 0.25 mg/L                              | 96.4         | 80.0                | 120  | ----      |
| Tungsten, total                           | 7440-33-7  | E420   | 0.0001   | mg/L | 0.1 mg/L                               | 98.0         | 80.0                | 120  | ----      |
| Uranium, total                            | 7440-61-1  | E420   | 0.00001  | mg/L | 0.005 mg/L                             | 105          | 80.0                | 120  | ----      |
| Vanadium, total                           | 7440-62-2  | E420   | 0.0005   | mg/L | 0.5 mg/L                               | 102          | 80.0                | 120  | ----      |
| Zinc, total                               | 7440-66-6  | E420   | 0.003    | mg/L | 0.5 mg/L                               | 98.8         | 80.0                | 120  | ----      |
| Zirconium, total                          | 7440-67-7  | E420   | 0.0002   | mg/L | 0.1 mg/L                               | 98.2         | 80.0                | 120  | ----      |
| Total Metals (QCLot: 2294950)             |            |        |          |      |                                        |              |                     |      |           |
| Mercury, total                            | 7439-97-6  | E508   | 0.000005 | mg/L | 0 mg/L                                 | 98.5         | 80.0                | 120  | ----      |
| Dissolved Metals (QCLot: 2287368)         |            |        |          |      |                                        |              |                     |      |           |
| Aluminum, dissolved                       | 7429-90-5  | E421   | 0.001    | mg/L | 2 mg/L                                 | 98.2         | 80.0                | 120  | ----      |
| Antimony, dissolved                       | 7440-36-0  | E421   | 0.0001   | mg/L | 1 mg/L                                 | 97.6         | 80.0                | 120  | ----      |
| Arsenic, dissolved                        | 7440-38-2  | E421   | 0.0001   | mg/L | 1 mg/L                                 | 98.4         | 80.0                | 120  | ----      |
| Barium, dissolved                         | 7440-39-3  | E421   | 0.0001   | mg/L | 0.25 mg/L                              | 90.3         | 80.0                | 120  | ----      |
| Beryllium, dissolved                      | 7440-41-7  | E421   | 0.00002  | mg/L | 0.1 mg/L                               | 93.8         | 80.0                | 120  | ----      |
| Bismuth, dissolved                        | 7440-69-9  | E421   | 0.00005  | mg/L | 1 mg/L                                 | 95.6         | 80.0                | 120  | ----      |
| Boron, dissolved                          | 7440-42-8  | E421   | 0.01     | mg/L | 1 mg/L                                 | 87.5         | 80.0                | 120  | ----      |
| Cadmium, dissolved                        | 7440-43-9  | E421   | 0.000005 | mg/L | 0.1 mg/L                               | 99.2         | 80.0                | 120  | ----      |
| Calcium, dissolved                        | 7440-70-2  | E421   | 0.05     | mg/L | 50 mg/L                                | 93.4         | 80.0                | 120  | ----      |
| Cesium, dissolved                         | 7440-46-2  | E421   | 0.00001  | mg/L | 0.05 mg/L                              | 101          | 80.0                | 120  | ----      |
| Chromium, dissolved                       | 7440-47-3  | E421   | 0.0005   | mg/L | 0.25 mg/L                              | 96.0         | 80.0                | 120  | ----      |
| Cobalt, dissolved                         | 7440-48-4  | E421   | 0.0001   | mg/L | 0.25 mg/L                              | 97.5         | 80.0                | 120  | ----      |
| Copper, dissolved                         | 7440-50-8  | E421   | 0.0002   | mg/L | 0.25 mg/L                              | 97.9         | 80.0                | 120  | ----      |
| Iron, dissolved                           | 7439-89-6  | E421   | 0.01     | mg/L | 1 mg/L                                 | 92.4         | 80.0                | 120  | ----      |
| Lead, dissolved                           | 7439-92-1  | E421   | 0.00005  | mg/L | 0.5 mg/L                               | 99.6         | 80.0                | 120  | ----      |
| Lithium, dissolved                        | 7439-93-2  | E421   | 0.001    | mg/L | 0.25 mg/L                              | 90.1         | 80.0                | 120  | ----      |
| Magnesium, dissolved                      | 7439-95-4  | E421   | 0.005    | mg/L | 50 mg/L                                | 100          | 80.0                | 120  | ----      |
| Manganese, dissolved                      | 7439-96-5  | E421   | 0.0001   | mg/L | 0.25 mg/L                              | 95.8         | 80.0                | 120  | ----      |
| Molybdenum, dissolved                     | 7439-98-7  | E421   | 0.00005  | mg/L | 0.25 mg/L                              | 101          | 80.0                | 120  | ----      |
| Nickel, dissolved                         | 7440-02-0  | E421   | 0.0005   | mg/L | 0.5 mg/L                               | 97.4         | 80.0                | 120  | ----      |
| Phosphorus, dissolved                     | 7723-14-0  | E421   | 0.05     | mg/L | 10 mg/L                                | 99.3         | 80.0                | 120  | ----      |
| Potassium, dissolved                      | 7440-09-7  | E421   | 0.05     | mg/L | 50 mg/L                                | 97.1         | 80.0                | 120  | ----      |
| Rubidium, dissolved                       | 7440-17-7  | E421   | 0.0002   | mg/L | 0.1 mg/L                               | 98.6         | 80.0                | 120  | ----      |
| Selenium, dissolved                       | 7782-49-2  | E421   | 0.00005  | mg/L | 1 mg/L                                 | 96.0         | 80.0                | 120  | ----      |





| Sub-Matrix: Water                             |            |        |          |      | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|-----------------------------------------------|------------|--------|----------|------|----------------------------------------|--------------|---------------------|------|-----------|
|                                               |            |        |          |      | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                               |            |        |          |      | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                       | CAS Number | Method | LOR      | Unit | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Dissolved Metals (QCLot: 2287368) - continued |            |        |          |      |                                        |              |                     |      |           |
| Silicon, dissolved                            | 7440-21-3  | E421   | 0.05     | mg/L | 10 mg/L                                | 95.0         | 80.0                | 120  | ----      |
| Silver, dissolved                             | 7440-22-4  | E421   | 0.00001  | mg/L | 0.1 mg/L                               | 95.8         | 80.0                | 120  | ----      |
| Sodium, dissolved                             | 7440-23-5  | E421   | 0.05     | mg/L | 50 mg/L                                | 99.2         | 80.0                | 120  | ----      |
| Strontium, dissolved                          | 7440-24-6  | E421   | 0.0002   | mg/L | 0.25 mg/L                              | 104          | 80.0                | 120  | ----      |
| Sulfur, dissolved                             | 7704-34-9  | E421   | 0.5      | mg/L | 50 mg/L                                | 89.6         | 80.0                | 120  | ----      |
| Tellurium, dissolved                          | 13494-80-9 | E421   | 0.0002   | mg/L | 0.1 mg/L                               | 117          | 80.0                | 120  | ----      |
| Thallium, dissolved                           | 7440-28-0  | E421   | 0.00001  | mg/L | 1 mg/L                                 | 97.8         | 80.0                | 120  | ----      |
| Thorium, dissolved                            | 7440-29-1  | E421   | 0.0001   | mg/L | 0.1 mg/L                               | 102          | 80.0                | 120  | ----      |
| Tin, dissolved                                | 7440-31-5  | E421   | 0.0001   | mg/L | 0.5 mg/L                               | 99.4         | 80.0                | 120  | ----      |
| Titanium, dissolved                           | 7440-32-6  | E421   | 0.0003   | mg/L | 0.25 mg/L                              | 95.0         | 80.0                | 120  | ----      |
| Tungsten, dissolved                           | 7440-33-7  | E421   | 0.0001   | mg/L | 0.1 mg/L                               | 95.1         | 80.0                | 120  | ----      |
| Uranium, dissolved                            | 7440-61-1  | E421   | 0.00001  | mg/L | 0.005 mg/L                             | 102          | 80.0                | 120  | ----      |
| Vanadium, dissolved                           | 7440-62-2  | E421   | 0.0005   | mg/L | 0.5 mg/L                               | 100          | 80.0                | 120  | ----      |
| Zinc, dissolved                               | 7440-66-6  | E421   | 0.001    | mg/L | 0.5 mg/L                               | 92.0         | 80.0                | 120  | ----      |
| Zirconium, dissolved                          | 7440-67-7  | E421   | 0.0002   | mg/L | 0.1 mg/L                               | 102          | 80.0                | 120  | ----      |
| Mercury, dissolved                            | 7439-97-6  | E509   | 0.000005 | mg/L | 0 mg/L                                 | 99.8         | 80.0                | 120  | ----      |
| Aggregate Organics (QCLot: 2291988)           |            |        |          |      |                                        |              |                     |      |           |
| Phenols, total (4AAP)                         | ----       | E562   | 0.001    | mg/L | 0.02 mg/L                              | 96.0         | 85.0                | 115  | ----      |
| Volatile Organic Compounds (QCLot: 2290364)   |            |        |          |      |                                        |              |                     |      |           |
| Benzene                                       | 71-43-2    | E611C  | 0.5      | µg/L | 100 µg/L                               | 110          | 70.0                | 130  | ----      |
| Bromodichloromethane                          | 75-27-4    | E611C  | 0.5      | µg/L | 100 µg/L                               | 105          | 70.0                | 130  | ----      |
| Bromoform                                     | 75-25-2    | E611C  | 0.5      | µg/L | 100 µg/L                               | 109          | 70.0                | 130  | ----      |
| Carbon tetrachloride                          | 56-23-5    | E611C  | 0.5      | µg/L | 100 µg/L                               | 112          | 70.0                | 130  | ----      |
| Chlorobenzene                                 | 108-90-7   | E611C  | 0.5      | µg/L | 100 µg/L                               | 110          | 70.0                | 130  | ----      |
| Chloroethane                                  | 75-00-3    | E611C  | 0.5      | µg/L | 100 µg/L                               | 113          | 60.0                | 140  | ----      |
| Chloroform                                    | 67-66-3    | E611C  | 0.5      | µg/L | 100 µg/L                               | 111          | 70.0                | 130  | ----      |
| Chloromethane                                 | 74-87-3    | E611C  | 5        | µg/L | 100 µg/L                               | 124          | 60.0                | 140  | ----      |
| Dibromochloromethane                          | 124-48-1   | E611C  | 0.5      | µg/L | 100 µg/L                               | 106          | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,2-                         | 95-50-1    | E611C  | 0.5      | µg/L | 100 µg/L                               | 109          | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,3-                         | 541-73-1   | E611C  | 0.5      | µg/L | 100 µg/L                               | 111          | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,4-                         | 106-46-7   | E611C  | 0.5      | µg/L | 100 µg/L                               | 112          | 70.0                | 130  | ----      |
| Dichloroethane, 1,1-                          | 75-34-3    | E611C  | 0.5      | µg/L | 100 µg/L                               | 112          | 70.0                | 130  | ----      |
| Dichloroethane, 1,2-                          | 107-06-2   | E611C  | 0.5      | µg/L | 100 µg/L                               | 110          | 70.0                | 130  | ----      |
| Dichloroethylene, 1,1-                        | 75-35-4    | E611C  | 0.5      | µg/L | 100 µg/L                               | 111          | 70.0                | 130  | ----      |



| Sub-Matrix: Water                                       |             |            |       |      | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------------------|-------------|------------|-------|------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                         |             |            |       |      | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                                                 | CAS Number  | Method     | LOR   | Unit | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2290364) - continued |             |            |       |      |                                        |              |                     |      |           |
| Dichloroethylene, cis-1,2-                              | 156-59-2    | E611C      | 0.5   | µg/L | 100 µg/L                               | 109          | 70.0                | 130  | ----      |
| Dichloroethylene, trans-1,2-                            | 156-60-5    | E611C      | 0.5   | µg/L | 100 µg/L                               | 110          | 70.0                | 130  | ----      |
| Dichloromethane                                         | 75-09-2     | E611C      | 1     | µg/L | 100 µg/L                               | 109          | 70.0                | 130  | ----      |
| Dichloropropane, 1,2-                                   | 78-87-5     | E611C      | 0.5   | µg/L | 100 µg/L                               | 110          | 70.0                | 130  | ----      |
| Dichloropropylene, cis-1,3-                             | 10061-01-5  | E611C      | 0.5   | µg/L | 100 µg/L                               | 108          | 70.0                | 130  | ----      |
| Dichloropropylene, trans-1,3-                           | 10061-02-6  | E611C      | 0.5   | µg/L | 100 µg/L                               | 104          | 70.0                | 130  | ----      |
| Ethylbenzene                                            | 100-41-4    | E611C      | 0.5   | µg/L | 100 µg/L                               | 101          | 70.0                | 130  | ----      |
| Methyl-tert-butyl ether [MTBE]                          | 1634-04-4   | E611C      | 0.5   | µg/L | 100 µg/L                               | 113          | 70.0                | 130  | ----      |
| Styrene                                                 | 100-42-5    | E611C      | 0.5   | µg/L | 100 µg/L                               | 107          | 70.0                | 130  | ----      |
| Tetrachloroethane, 1,1,1,2-                             | 630-20-6    | E611C      | 0.5   | µg/L | 100 µg/L                               | 109          | 70.0                | 130  | ----      |
| Tetrachloroethane, 1,1,2,2-                             | 79-34-5     | E611C      | 0.2   | µg/L | 100 µg/L                               | 105          | 70.0                | 130  | ----      |
| Tetrachloroethylene                                     | 127-18-4    | E611C      | 0.5   | µg/L | 100 µg/L                               | 111          | 70.0                | 130  | ----      |
| Toluene                                                 | 108-88-3    | E611C      | 0.4   | µg/L | 100 µg/L                               | 111          | 70.0                | 130  | ----      |
| Trichloroethane, 1,1,1-                                 | 71-55-6     | E611C      | 0.5   | µg/L | 100 µg/L                               | 113          | 70.0                | 130  | ----      |
| Trichloroethane, 1,1,2-                                 | 79-00-5     | E611C      | 0.5   | µg/L | 100 µg/L                               | 106          | 70.0                | 130  | ----      |
| Trichloroethylene                                       | 79-01-6     | E611C      | 0.5   | µg/L | 100 µg/L                               | 110          | 70.0                | 130  | ----      |
| Trichlorofluoromethane                                  | 75-69-4     | E611C      | 0.5   | µg/L | 100 µg/L                               | 126          | 60.0                | 140  | ----      |
| Vinyl chloride                                          | 75-01-4     | E611C      | 0.4   | µg/L | 100 µg/L                               | 128          | 60.0                | 140  | ----      |
| Xylene, m+p-                                            | 179601-23-1 | E611C      | 0.4   | µg/L | 200 µg/L                               | 105          | 70.0                | 130  | ----      |
| Xylene, o-                                              | 95-47-6     | E611C      | 0.3   | µg/L | 100 µg/L                               | 101          | 70.0                | 130  | ----      |
| Hydrocarbons (QCLot: 2289599)                           |             |            |       |      |                                        |              |                     |      |           |
| EPH (C10-C19)                                           | ----        | E601A      | 250   | µg/L | 6490 µg/L                              | 106          | 70.0                | 130  | ----      |
| EPH (C19-C32)                                           | ----        | E601A      | 250   | µg/L | 3360 µg/L                              | 107          | 70.0                | 130  | ----      |
| Hydrocarbons (QCLot: 2290363)                           |             |            |       |      |                                        |              |                     |      |           |
| VHw (C6-C10)                                            | ----        | E581.VH+F1 | 100   | µg/L | 6310 µg/L                              | 90.8         | 70.0                | 130  | ----      |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2289600)       |             |            |       |      |                                        |              |                     |      |           |
| Acenaphthene                                            | 83-32-9     | E641A      | 0.01  | µg/L | 0.5 µg/L                               | 103          | 60.0                | 130  | ----      |
| Acenaphthylene                                          | 208-96-8    | E641A      | 0.01  | µg/L | 0.5 µg/L                               | 107          | 60.0                | 130  | ----      |
| Acridine                                                | 260-94-6    | E641A      | 0.01  | µg/L | 0.5 µg/L                               | 99.5         | 60.0                | 130  | ----      |
| Anthracene                                              | 120-12-7    | E641A      | 0.01  | µg/L | 0.5 µg/L                               | 107          | 60.0                | 130  | ----      |
| Benz(a)anthracene                                       | 56-55-3     | E641A      | 0.01  | µg/L | 0.5 µg/L                               | 98.2         | 60.0                | 130  | ----      |
| Benzo(a)pyrene                                          | 50-32-8     | E641A      | 0.005 | µg/L | 0.5 µg/L                               | 96.2         | 60.0                | 130  | ----      |
| Benzo(b+j)fluoranthene                                  | n/a         | E641A      | 0.01  | µg/L | 0.5 µg/L                               | 106          | 60.0                | 130  | ----      |
| Benzo(g,h,i)perylene                                    | 191-24-2    | E641A      | 0.01  | µg/L | 0.5 µg/L                               | 100          | 60.0                | 130  | ----      |



| Sub-Matrix: Water                                             |            |        |       |      | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------------------------|------------|--------|-------|------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                               |            |        |       |      | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
|                                                               |            |        |       |      | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Analyte                                                       | CAS Number | Method | LOR   | Unit | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2289600) - continued |            |        |       |      |                                        |              |                     |      |           |
| Benzo(k)fluoranthene                                          | 207-08-9   | E641A  | 0.01  | µg/L | 0.5 µg/L                               | 103          | 60.0                | 130  | ----      |
| Chrysene                                                      | 218-01-9   | E641A  | 0.01  | µg/L | 0.5 µg/L                               | 97.0         | 60.0                | 130  | ----      |
| Dibenz(a,h)anthracene                                         | 53-70-3    | E641A  | 0.005 | µg/L | 0.5 µg/L                               | 106          | 60.0                | 130  | ----      |
| Fluoranthene                                                  | 206-44-0   | E641A  | 0.01  | µg/L | 0.5 µg/L                               | 105          | 60.0                | 130  | ----      |
| Fluorene                                                      | 86-73-7    | E641A  | 0.01  | µg/L | 0.5 µg/L                               | 102          | 60.0                | 130  | ----      |
| Indeno(1,2,3-c,d)pyrene                                       | 193-39-5   | E641A  | 0.01  | µg/L | 0.5 µg/L                               | 103          | 60.0                | 130  | ----      |
| Methylnaphthalene, 1-                                         | 90-12-0    | E641A  | 0.01  | µg/L | 0.5 µg/L                               | 94.9         | 60.0                | 130  | ----      |
| Methylnaphthalene, 2-                                         | 91-57-6    | E641A  | 0.01  | µg/L | 0.5 µg/L                               | 104          | 60.0                | 130  | ----      |
| Naphthalene                                                   | 91-20-3    | E641A  | 0.05  | µg/L | 0.5 µg/L                               | 104          | 50.0                | 130  | ----      |
| Phenanthrene                                                  | 85-01-8    | E641A  | 0.02  | µg/L | 0.5 µg/L                               | 109          | 60.0                | 130  | ----      |
| Pyrene                                                        | 129-00-0   | E641A  | 0.01  | µg/L | 0.5 µg/L                               | 104          | 60.0                | 130  | ----      |
| Quinoline                                                     | 91-22-5    | E641A  | 0.05  | µg/L | 0.5 µg/L                               | 105          | 60.0                | 130  | ----      |
| Glycols (QCLot: 2289551)                                      |            |        |       |      |                                        |              |                     |      |           |
| Diethylene glycol                                             | 111-46-6   | E680E  | 5     | mg/L | 25 mg/L                                | 104          | 70.0                | 130  | ----      |
| Ethylene glycol                                               | 107-21-1   | E680E  | 5     | mg/L | 25 mg/L                                | 105          | 70.0                | 130  | ----      |
| Propylene glycol, 1,2-                                        | 57-55-6    | E680E  | 5     | mg/L | 25 mg/L                                | 105          | 70.0                | 130  | ----      |
| Triethylene glycol                                            | 112-27-6   | E680E  | 5     | mg/L | 25 mg/L                                | 102          | 70.0                | 130  | ----      |



Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level >= 1x spike level.

| Sub-Matrix: Water                           |                  |                                 |            |            | Matrix Spike (MS) Report |            |              |                     |      |           |
|---------------------------------------------|------------------|---------------------------------|------------|------------|--------------------------|------------|--------------|---------------------|------|-----------|
|                                             |                  |                                 |            |            | Spike                    |            | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                        | Client sample ID | Analyte                         | CAS Number | Method     | Concentration            | Target     | MS           | Low                 | High | Qualifier |
| Anions and Nutrients (QCLot: 2287355)       |                  |                                 |            |            |                          |            |              |                     |      |           |
| VA25C7808-002                               | Anonymous        | Ammonia, total (as N)           | 7664-41-7  | E298       | ND mg/L                  | ----       | ND           | 75.0                | 125  | ----      |
| Anions and Nutrients (QCLot: 2289664)       |                  |                                 |            |            |                          |            |              |                     |      |           |
| VA25C7886-001                               | Anonymous        | Fluoride                        | 16984-48-8 | E235.F     | 1.02 mg/L                | 1 mg/L     | 102          | 75.0                | 125  | ----      |
| Anions and Nutrients (QCLot: 2289665)       |                  |                                 |            |            |                          |            |              |                     |      |           |
| VA25C7886-001                               | Anonymous        | Chloride                        | 16887-00-6 | E235.Cl    | ND mg/L                  | ----       | ND           | 75.0                | 125  | ----      |
| Anions and Nutrients (QCLot: 2289666)       |                  |                                 |            |            |                          |            |              |                     |      |           |
| VA25C7886-001                               | Anonymous        | Bromide                         | 24959-67-9 | E235.Br-L  | ND mg/L                  | ----       | ND           | 75.0                | 125  | ----      |
| Anions and Nutrients (QCLot: 2289668)       |                  |                                 |            |            |                          |            |              |                     |      |           |
| VA25C7886-001                               | Anonymous        | Nitrate (as N)                  | 14797-55-8 | E235.NO3-L | ND mg/L                  | ----       | ND           | 75.0                | 125  | ----      |
| Anions and Nutrients (QCLot: 2289669)       |                  |                                 |            |            |                          |            |              |                     |      |           |
| VA25C7886-001                               | Anonymous        | Nitrite (as N)                  | 14797-65-0 | E235.NO2-L | 0.500 mg/L               | 0.5 mg/L   | 100          | 75.0                | 125  | ----      |
| Anions and Nutrients (QCLot: 2289670)       |                  |                                 |            |            |                          |            |              |                     |      |           |
| VA25C7886-001                               | Anonymous        | Sulfate (as SO4)                | 14808-79-8 | E235.SO4   | 102 mg/L                 | 100 mg/L   | 102          | 75.0                | 125  | ----      |
| Anions and Nutrients (QCLot: 2289706)       |                  |                                 |            |            |                          |            |              |                     |      |           |
| VA25C7842-001                               | Anonymous        | Nitrogen, total                 | 7727-37-9  | E366       | 0.379 mg/L               | 0.4 mg/L   | 94.8         | 70.0                | 130  | ----      |
| Anions and Nutrients (QCLot: 2289707)       |                  |                                 |            |            |                          |            |              |                     |      |           |
| VA25C7842-001                               | Anonymous        | Phosphorus, total               | 7723-14-0  | E372-U     | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
| Organic / Inorganic Carbon (QCLot: 2289704) |                  |                                 |            |            |                          |            |              |                     |      |           |
| VA25C7842-001                               | Anonymous        | Carbon, dissolved organic [DOC] | ----       | E358-L     | 4.57 mg/L                | 5 mg/L     | 91.5         | 70.0                | 130  | ----      |
| Organic / Inorganic Carbon (QCLot: 2289705) |                  |                                 |            |            |                          |            |              |                     |      |           |
| VA25C7842-001                               | Anonymous        | Carbon, total organic [TOC]     | ----       | E355-L     | 5.39 mg/L                | 5 mg/L     | 108          | 70.0                | 130  | ----      |
| Total Metals (QCLot: 2287365)               |                  |                                 |            |            |                          |            |              |                     |      |           |
| VA25C7808-002                               | Anonymous        | Aluminum, total                 | 7429-90-5  | E420       | 0.188 mg/L               | 0.2 mg/L   | 93.8         | 70.0                | 130  | ----      |
|                                             |                  | Antimony, total                 | 7440-36-0  | E420       | 0.0196 mg/L              | 0.02 mg/L  | 98.2         | 70.0                | 130  | ----      |
|                                             |                  | Arsenic, total                  | 7440-38-2  | E420       | 0.0195 mg/L              | 0.02 mg/L  | 97.4         | 70.0                | 130  | ----      |
|                                             |                  | Barium, total                   | 7440-39-3  | E420       | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                             |                  | Beryllium, total                | 7440-41-7  | E420       | 0.0362 mg/L              | 0.04 mg/L  | 90.6         | 70.0                | 130  | ----      |
|                                             |                  | Bismuth, total                  | 7440-69-9  | E420       | 0.00930 mg/L             | 0.01 mg/L  | 93.0         | 70.0                | 130  | ----      |
|                                             |                  | Boron, total                    | 7440-42-8  | E420       | 0.087 mg/L               | 0.1 mg/L   | 86.8         | 70.0                | 130  | ----      |
|                                             |                  | Cadmium, total                  | 7440-43-9  | E420       | 0.00401 mg/L             | 0.004 mg/L | 100          | 70.0                | 130  | ----      |
|                                             |                  | Calcium, total                  | 7440-70-2  | E420       | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                             |                  | Cesium, total                   | 7440-46-2  | E420       | 0.0100 mg/L              | 0.01 mg/L  | 100          | 70.0                | 130  | ----      |
|                                             |                  | Chromium, total                 | 7440-47-3  | E420       | 0.0382 mg/L              | 0.04 mg/L  | 95.6         | 70.0                | 130  | ----      |



| Sub-Matrix: Water                         |                  |                      |            |        | Matrix Spike (MS) Report |            |              |                     |      |           |
|-------------------------------------------|------------------|----------------------|------------|--------|--------------------------|------------|--------------|---------------------|------|-----------|
|                                           |                  |                      |            |        | Spike                    |            | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                      | Client sample ID | Analyte              | CAS Number | Method | Concentration            | Target     | MS           | Low                 | High | Qualifier |
| Total Metals (QCLot: 2287365) - continued |                  |                      |            |        |                          |            |              |                     |      |           |
| VA25C7808-002                             | Anonymous        | Cobalt, total        | 7440-48-4  | E420   | 0.0187 mg/L              | 0.02 mg/L  | 93.6         | 70.0                | 130  | ----      |
|                                           |                  | Copper, total        | 7440-50-8  | E420   | 0.0186 mg/L              | 0.02 mg/L  | 92.9         | 70.0                | 130  | ----      |
|                                           |                  | Iron, total          | 7439-89-6  | E420   | 1.88 mg/L                | 2 mg/L     | 93.8         | 70.0                | 130  | ----      |
|                                           |                  | Lead, total          | 7439-92-1  | E420   | 0.0191 mg/L              | 0.02 mg/L  | 95.6         | 70.0                | 130  | ----      |
|                                           |                  | Lithium, total       | 7439-93-2  | E420   | 0.0841 mg/L              | 0.1 mg/L   | 84.1         | 70.0                | 130  | ----      |
|                                           |                  | Magnesium, total     | 7439-95-4  | E420   | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                           |                  | Manganese, total     | 7439-96-5  | E420   | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                           |                  | Molybdenum, total    | 7439-98-7  | E420   | 0.0193 mg/L              | 0.02 mg/L  | 96.4         | 70.0                | 130  | ----      |
|                                           |                  | Nickel, total        | 7440-02-0  | E420   | 0.0372 mg/L              | 0.04 mg/L  | 92.9         | 70.0                | 130  | ----      |
|                                           |                  | Phosphorus, total    | 7723-14-0  | E420   | 9.41 mg/L                | 10 mg/L    | 94.1         | 70.0                | 130  | ----      |
|                                           |                  | Potassium, total     | 7440-09-7  | E420   | 3.72 mg/L                | 4 mg/L     | 92.9         | 70.0                | 130  | ----      |
|                                           |                  | Rubidium, total      | 7440-17-7  | E420   | 0.0196 mg/L              | 0.02 mg/L  | 98.2         | 70.0                | 130  | ----      |
|                                           |                  | Selenium, total      | 7782-49-2  | E420   | 0.0387 mg/L              | 0.04 mg/L  | 96.8         | 70.0                | 130  | ----      |
|                                           |                  | Silicon, total       | 7440-21-3  | E420   | 8.66 mg/L                | 10 mg/L    | 86.6         | 70.0                | 130  | ----      |
|                                           |                  | Silver, total        | 7440-22-4  | E420   | 0.00404 mg/L             | 0.004 mg/L | 101          | 70.0                | 130  | ----      |
|                                           |                  | Sodium, total        | 7440-23-5  | E420   | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                           |                  | Strontium, total     | 7440-24-6  | E420   | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                           |                  | Sulfur, total        | 7704-34-9  | E420   | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                           |                  | Tellurium, total     | 13494-80-9 | E420   | 0.0406 mg/L              | 0.04 mg/L  | 101          | 70.0                | 130  | ----      |
|                                           |                  | Thallium, total      | 7440-28-0  | E420   | 0.00375 mg/L             | 0.004 mg/L | 93.8         | 70.0                | 130  | ----      |
|                                           |                  | Thorium, total       | 7440-29-1  | E420   | 0.0206 mg/L              | 0.02 mg/L  | 103          | 70.0                | 130  | ----      |
|                                           |                  | Tin, total           | 7440-31-5  | E420   | 0.0193 mg/L              | 0.02 mg/L  | 96.7         | 70.0                | 130  | ----      |
|                                           |                  | Titanium, total      | 7440-32-6  | E420   | 0.0373 mg/L              | 0.04 mg/L  | 93.2         | 70.0                | 130  | ----      |
|                                           |                  | Tungsten, total      | 7440-33-7  | E420   | 0.0191 mg/L              | 0.02 mg/L  | 95.5         | 70.0                | 130  | ----      |
|                                           |                  | Uranium, total       | 7440-61-1  | E420   | 0.00385 mg/L             | 0.004 mg/L | 96.3         | 70.0                | 130  | ----      |
|                                           |                  | Vanadium, total      | 7440-62-2  | E420   | 0.0971 mg/L              | 0.1 mg/L   | 97.1         | 70.0                | 130  | ----      |
|                                           |                  | Zinc, total          | 7440-66-6  | E420   | 0.373 mg/L               | 0.4 mg/L   | 93.2         | 70.0                | 130  | ----      |
|                                           |                  | Zirconium, total     | 7440-67-7  | E420   | 0.0398 mg/L              | 0.04 mg/L  | 99.4         | 70.0                | 130  | ----      |
| Dissolved Metals (QCLot: 2287368)         |                  |                      |            |        |                          |            |              |                     |      |           |
| VA25C7808-002                             | Anonymous        | Aluminum, dissolved  | 7429-90-5  | E421   | 0.191 mg/L               | 0.2 mg/L   | 95.6         | 70.0                | 130  | ----      |
|                                           |                  | Antimony, dissolved  | 7440-36-0  | E421   | 0.0197 mg/L              | 0.02 mg/L  | 98.6         | 70.0                | 130  | ----      |
|                                           |                  | Arsenic, dissolved   | 7440-38-2  | E421   | 0.0203 mg/L              | 0.02 mg/L  | 102          | 70.0                | 130  | ----      |
|                                           |                  | Barium, dissolved    | 7440-39-3  | E421   | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                           |                  | Beryllium, dissolved | 7440-41-7  | E421   | 0.0376 mg/L              | 0.04 mg/L  | 93.9         | 70.0                | 130  | ----      |
|                                           |                  | Bismuth, dissolved   | 7440-69-9  | E421   | 0.00895 mg/L             | 0.01 mg/L  | 89.5         | 70.0                | 130  | ----      |
|                                           |                  | Boron, dissolved     | 7440-42-8  | E421   | 0.091 mg/L               | 0.1 mg/L   | 90.7         | 70.0                | 130  | ----      |
|                                           |                  | Cadmium, dissolved   | 7440-43-9  | E421   | 0.00395 mg/L             | 0.004 mg/L | 98.7         | 70.0                | 130  | ----      |
|                                           |                  | Calcium, dissolved   | 7440-70-2  | E421   | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                           |                  | Cesium, dissolved    | 7440-46-2  | E421   | 0.00985 mg/L             | 0.01 mg/L  | 98.5         | 70.0                | 130  | ----      |
|                                           |                  | Chromium, dissolved  | 7440-47-3  | E421   | 0.0386 mg/L              | 0.04 mg/L  | 96.4         | 70.0                | 130  | ----      |
|                                           |                  | Cobalt, dissolved    | 7440-48-4  | E421   | 0.0191 mg/L              | 0.02 mg/L  | 95.7         | 70.0                | 130  | ----      |
|                                           |                  | Copper, dissolved    | 7440-50-8  | E421   | 0.0189 mg/L              | 0.02 mg/L  | 94.5         | 70.0                | 130  | ----      |
|                                           |                  | Iron, dissolved      | 7439-89-6  | E421   | 1.86 mg/L                | 2 mg/L     | 93.0         | 70.0                | 130  | ----      |
|                                           |                  | Lead, dissolved      | 7439-92-1  | E421   | 0.0189 mg/L              | 0.02 mg/L  | 94.5         | 70.0                | 130  | ----      |



| Sub-Matrix: Water                             |                  |                        |            |        | Matrix Spike (MS) Report |            |              |                     |      |           |
|-----------------------------------------------|------------------|------------------------|------------|--------|--------------------------|------------|--------------|---------------------|------|-----------|
|                                               |                  |                        |            |        | Spike                    |            | Recovery (%) | Recovery Limits (%) |      | Qualifier |
| Laboratory sample ID                          | Client sample ID | Analyte                | CAS Number | Method | Concentration            | Target     | MS           | Low                 | High |           |
| Dissolved Metals (QCLot: 2287368) - continued |                  |                        |            |        |                          |            |              |                     |      |           |
| VA25C7808-002                                 | Anonymous        | Lithium, dissolved     | 7439-93-2  | E421   | 0.0863 mg/L              | 0.1 mg/L   | 86.3         | 70.0                | 130  | ----      |
|                                               |                  | Magnesium, dissolved   | 7439-95-4  | E421   | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                               |                  | Manganese, dissolved   | 7439-96-5  | E421   | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                               |                  | Molybdenum, dissolved  | 7439-98-7  | E421   | 0.0201 mg/L              | 0.02 mg/L  | 100          | 70.0                | 130  | ----      |
|                                               |                  | Nickel, dissolved      | 7440-02-0  | E421   | 0.0375 mg/L              | 0.04 mg/L  | 93.8         | 70.0                | 130  | ----      |
|                                               |                  | Phosphorus, dissolved  | 7723-14-0  | E421   | 10.3 mg/L                | 10 mg/L    | 103          | 70.0                | 130  | ----      |
|                                               |                  | Potassium, dissolved   | 7440-09-7  | E421   | 4.06 mg/L                | 4 mg/L     | 102          | 70.0                | 130  | ----      |
|                                               |                  | Rubidium, dissolved    | 7440-17-7  | E421   | 0.0200 mg/L              | 0.02 mg/L  | 99.8         | 70.0                | 130  | ----      |
|                                               |                  | Selenium, dissolved    | 7782-49-2  | E421   | 0.0412 mg/L              | 0.04 mg/L  | 103          | 70.0                | 130  | ----      |
|                                               |                  | Silicon, dissolved     | 7440-21-3  | E421   | 8.82 mg/L                | 10 mg/L    | 88.2         | 70.0                | 130  | ----      |
|                                               |                  | Silver, dissolved      | 7440-22-4  | E421   | 0.00314 mg/L             | 0.004 mg/L | 78.6         | 70.0                | 130  | ----      |
|                                               |                  | Sodium, dissolved      | 7440-23-5  | E421   | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                               |                  | Strontium, dissolved   | 7440-24-6  | E421   | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                               |                  | Sulfur, dissolved      | 7704-34-9  | E421   | ND mg/L                  | ----       | ND           | 70.0                | 130  | ----      |
|                                               |                  | Tellurium, dissolved   | 13494-80-9 | E421   | 0.0422 mg/L              | 0.04 mg/L  | 105          | 70.0                | 130  | ----      |
|                                               |                  | Thallium, dissolved    | 7440-28-0  | E421   | 0.00369 mg/L             | 0.004 mg/L | 92.2         | 70.0                | 130  | ----      |
|                                               |                  | Thorium, dissolved     | 7440-29-1  | E421   | 0.0205 mg/L              | 0.02 mg/L  | 102          | 70.0                | 130  | ----      |
|                                               |                  | Tin, dissolved         | 7440-31-5  | E421   | 0.0196 mg/L              | 0.02 mg/L  | 98.3         | 70.0                | 130  | ----      |
|                                               |                  | Titanium, dissolved    | 7440-32-6  | E421   | 0.0394 mg/L              | 0.04 mg/L  | 98.6         | 70.0                | 130  | ----      |
|                                               |                  | Tungsten, dissolved    | 7440-33-7  | E421   | 0.0190 mg/L              | 0.02 mg/L  | 95.0         | 70.0                | 130  | ----      |
|                                               |                  | Uranium, dissolved     | 7440-61-1  | E421   | 0.00393 mg/L             | 0.004 mg/L | 98.2         | 70.0                | 130  | ----      |
|                                               |                  | Vanadium, dissolved    | 7440-62-2  | E421   | 0.0998 mg/L              | 0.1 mg/L   | 99.8         | 70.0                | 130  | ----      |
|                                               |                  | Zinc, dissolved        | 7440-66-6  | E421   | 0.367 mg/L               | 0.4 mg/L   | 91.7         | 70.0                | 130  | ----      |
|                                               |                  | Zirconium, dissolved   | 7440-67-7  | E421   | 0.0412 mg/L              | 0.04 mg/L  | 103          | 70.0                | 130  | ----      |
| Aggregate Organics (QCLot: 2291988)           |                  |                        |            |        |                          |            |              |                     |      |           |
| VA25C7812-001                                 | WTP              | Phenols, total (4AAP)  | ----       | E562   | 0.0183 mg/L              | 0.02 mg/L  | 91.6         | 75.0                | 125  | ----      |
| Volatile Organic Compounds (QCLot: 2290364)   |                  |                        |            |        |                          |            |              |                     |      |           |
| VA25C7898-001                                 | Anonymous        | Benzene                | 71-43-2    | E611C  | 105 µg/L                 | 100 µg/L   | 105          | 60.0                | 140  | ----      |
|                                               |                  | Bromodichloromethane   | 75-27-4    | E611C  | 103 µg/L                 | 100 µg/L   | 103          | 60.0                | 140  | ----      |
|                                               |                  | Bromoform              | 75-25-2    | E611C  | 105 µg/L                 | 100 µg/L   | 105          | 60.0                | 140  | ----      |
|                                               |                  | Carbon tetrachloride   | 56-23-5    | E611C  | 109 µg/L                 | 100 µg/L   | 109          | 60.0                | 140  | ----      |
|                                               |                  | Chlorobenzene          | 108-90-7   | E611C  | 106 µg/L                 | 100 µg/L   | 106          | 60.0                | 140  | ----      |
|                                               |                  | Chloroethane           | 75-00-3    | E611C  | 102 µg/L                 | 100 µg/L   | 102          | 50.0                | 150  | ----      |
|                                               |                  | Chloroform             | 67-66-3    | E611C  | 107 µg/L                 | 100 µg/L   | 107          | 60.0                | 140  | ----      |
|                                               |                  | Chloromethane          | 74-87-3    | E611C  | 114 µg/L                 | 100 µg/L   | 114          | 50.0                | 150  | ----      |
|                                               |                  | Dibromochloromethane   | 124-48-1   | E611C  | 102 µg/L                 | 100 µg/L   | 102          | 60.0                | 140  | ----      |
|                                               |                  | Dichlorobenzene, 1,2-  | 95-50-1    | E611C  | 107 µg/L                 | 100 µg/L   | 107          | 60.0                | 140  | ----      |
|                                               |                  | Dichlorobenzene, 1,3-  | 541-73-1   | E611C  | 110 µg/L                 | 100 µg/L   | 110          | 60.0                | 140  | ----      |
|                                               |                  | Dichlorobenzene, 1,4-  | 106-46-7   | E611C  | 111 µg/L                 | 100 µg/L   | 111          | 60.0                | 140  | ----      |
|                                               |                  | Dichloroethane, 1,2-   | 107-06-2   | E611C  | 105 µg/L                 | 100 µg/L   | 105          | 60.0                | 140  | ----      |
|                                               |                  | Dichloroethylene, 1,1- | 75-35-4    | E611C  | 105 µg/L                 | 100 µg/L   | 105          | 60.0                | 140  | ----      |
|                                               |                  | Dichloromethane        | 75-09-2    | E611C  | 104 µg/L                 | 100 µg/L   | 104          | 60.0                | 140  | ----      |
|                                               |                  | Dichloropropane, 1,2-  | 78-87-5    | E611C  | 106 µg/L                 | 100 µg/L   | 106          | 60.0                | 140  | ----      |



| Sub-Matrix: Water                                       |                  |                                |             |        | Matrix Spike (MS) Report |          |              |                     |      |
|---------------------------------------------------------|------------------|--------------------------------|-------------|--------|--------------------------|----------|--------------|---------------------|------|
|                                                         |                  |                                |             |        | Spike                    |          | Recovery (%) | Recovery Limits (%) |      |
|                                                         |                  |                                |             |        | Concentration            | Target   | MS           | Low                 | High |
| Laboratory sample ID                                    | Client sample ID | Analyte                        | CAS Number  | Method | Concentration            | Target   | MS           | Low                 | High |
| Volatile Organic Compounds (QCLot: 2290364) - continued |                  |                                |             |        |                          |          |              |                     |      |
| VA25C7898-001                                           | Anonymous        | Dichloropropylene, cis-1,3-    | 10061-01-5  | E611C  | 104 µg/L                 | 100 µg/L | 104          | 60.0                | 140  |
|                                                         |                  | Dichloropropylene, trans-1,3-  | 10061-02-6  | E611C  | 97.9 µg/L                | 100 µg/L | 97.9         | 60.0                | 140  |
|                                                         |                  | Ethylbenzene                   | 100-41-4    | E611C  | 94.5 µg/L                | 100 µg/L | 94.5         | 60.0                | 140  |
|                                                         |                  | Methyl-tert-butyl ether [MTBE] | 1634-04-4   | E611C  | 109 µg/L                 | 100 µg/L | 109          | 60.0                | 140  |
|                                                         |                  | Styrene                        | 100-42-5    | E611C  | 103 µg/L                 | 100 µg/L | 103          | 60.0                | 140  |
|                                                         |                  | Tetrachloroethane, 1,1,1,2-    | 630-20-6    | E611C  | 105 µg/L                 | 100 µg/L | 105          | 60.0                | 140  |
|                                                         |                  | Tetrachloroethane, 1,1,2,2-    | 79-34-5     | E611C  | 102 µg/L                 | 100 µg/L | 102          | 60.0                | 140  |
|                                                         |                  | Tetrachloroethylene            | 127-18-4    | E611C  | 97.4 µg/L                | 100 µg/L | 97.4         | 60.0                | 140  |
|                                                         |                  | Toluene                        | 108-88-3    | E611C  | ND µg/L                  | ----     | ND           | 60.0                | 140  |
|                                                         |                  | Trichloroethane, 1,1,1-        | 71-55-6     | E611C  | 110 µg/L                 | 100 µg/L | 110          | 60.0                | 140  |
|                                                         |                  | Trichloroethane, 1,1,2-        | 79-00-5     | E611C  | 99.5 µg/L                | 100 µg/L | 99.5         | 60.0                | 140  |
|                                                         |                  | Trichloroethylene              | 79-01-6     | E611C  | 107 µg/L                 | 100 µg/L | 107          | 60.0                | 140  |
|                                                         |                  | Trichlorofluoromethane         | 75-69-4     | E611C  | 120 µg/L                 | 100 µg/L | 120          | 50.0                | 150  |
|                                                         |                  | Xylene, m+p-                   | 179601-23-1 | E611C  | 204 µg/L                 | 200 µg/L | 102          | 60.0                | 140  |
|                                                         |                  | Xylene, o-                     | 95-47-6     | E611C  | 97.3 µg/L                | 100 µg/L | 97.3         | 60.0                | 140  |

Reference Material (RM) Report

A Reference Material (RM) is a homogenous material with known and well-established analyte concentrations. RMs are processed in an identical manner to test samples, and are used to monitor and control the accuracy and precision of a test method for a typical sample matrix. RM results are expressed as percent recovery of the target analyte concentration. RM targets may be certified target concentrations provided by the RM supplier, or may be ALS long-term mean values (for empirical test methods).

| Sub-Matrix:                     |                       |                                     |            |        | Reference Material (RM) Report |              |                     |      |
|---------------------------------|-----------------------|-------------------------------------|------------|--------|--------------------------------|--------------|---------------------|------|
|                                 |                       |                                     |            |        | RM Target                      | Recovery (%) | Recovery Limits (%) |      |
|                                 |                       |                                     |            |        | Concentration                  | RM           | Low                 | High |
| Laboratory sample ID            | Reference Material ID | Analyte                             | CAS Number | Method | Concentration                  | RM           | Low                 | High |
| Physical Tests (QCLot: 2288445) |                       |                                     |            |        |                                |              |                     |      |
| QC-2288445-001                  | RM                    | Oxidation-reduction potential [ORP] | ----       | E125   | 220 mV                         | 101          | 95.0                | 105  |

## QUALITY CONTROL INTERPRETIVE REPORT

|                         |                                                                  |                       |                                                                     |
|-------------------------|------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------|
| Work Order              | : <b>VA25C7812</b>                                               | Page                  | : 1 of 14                                                           |
| Amendment               | : <b>2</b>                                                       |                       |                                                                     |
| Client                  | : <b>Frontier-Kemper Michels Joint Venture</b>                   | Laboratory            | : ALS Environmental - Vancouver                                     |
| Contact                 | : Sara Derakhshi                                                 | Account Manager       | : Kevin Bhikadia                                                    |
| Address                 | : 404-850 Harbourside Drive<br>North Vancouver BC Canada V7P 0A3 | Address               | : 8081 Lougheed Highway<br>Burnaby, British Columbia Canada V5A 1W9 |
| Telephone               | : ----                                                           | Telephone             | : +1 604 253 4188                                                   |
| Project                 | : ----                                                           | Date Samples Received | : 20-Oct-2025 13:45                                                 |
| PO                      | : ----                                                           | Issue Date            | : 24-Oct-2025 11:36                                                 |
| C-O-C number            | : 23-1085345                                                     |                       |                                                                     |
| Sampler                 | : ----                                                           |                       |                                                                     |
| Site                    | : BCR                                                            |                       |                                                                     |
| Quote number            | : WTP Discharge                                                  |                       |                                                                     |
| No. of samples received | : 1                                                              |                       |                                                                     |
| No. of samples analysed | : 1                                                              |                       |                                                                     |

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

### Key

**Anonymous:** Refers to samples which are not part of this work order, but which formed part of the QC process lot.

**CAS Number:** Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

**DQO:** Data Quality Objective.

**LOR:** Limit of Reporting (detection limit).

**RPD:** Relative Percent Difference.

### Workorder Comments

Holding times are displayed as "----" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

### Summary of Outliers

#### Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Laboratory Control Sample (LCS) outliers occur
- No Matrix Spike outliers occur.
- No Test sample Surrogate recovery outliers exist.

#### Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.



### ***Outliers : Analysis Holding Time Compliance (Breaches)***

- Analysis Holding Time Outliers exist - please see following pages for full details.

### ***Outliers : Frequency of Quality Control Samples***

- Quality Control Sample Frequency Outliers occur - please see following pages for full details.



## Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: **Water**

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                           | Method     | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------|------------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                             |            |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                             |            |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Aggregate Organics : Phenols (4AAP) in Water by Colorimetry |            |               |                          |               |        |      |               |               |        |      |
| Amber glass total (sulfuric acid)<br>WTP                    | E562       | 20-Oct-2025   | 22-Oct-2025              | 28 days       | 2 days | ✓    | 22-Oct-2025   | 28 days       | 2 days | ✓    |
| Anions and Nutrients : Ammonia by Fluorescence              |            |               |                          |               |        |      |               |               |        |      |
| Amber glass total (sulfuric acid)<br>WTP                    | E298       | 20-Oct-2025   | 20-Oct-2025              | 28 days       | 0 days | ✓    | 21-Oct-2025   | 28 days       | 0 days | ✓    |
| Anions and Nutrients : Bromide in Water by IC (Low Level)   |            |               |                          |               |        |      |               |               |        |      |
| HDPE<br>WTP                                                 | E235.Br-L  | 20-Oct-2025   | 21-Oct-2025              | 28 days       | 1 days | ✓    | 21-Oct-2025   | 28 days       | 1 days | ✓    |
| Anions and Nutrients : Chloride in Water by IC              |            |               |                          |               |        |      |               |               |        |      |
| HDPE<br>WTP                                                 | E235.Cl    | 20-Oct-2025   | 21-Oct-2025              | 28 days       | 1 days | ✓    | 21-Oct-2025   | 28 days       | 1 days | ✓    |
| Anions and Nutrients : Fluoride in Water by IC              |            |               |                          |               |        |      |               |               |        |      |
| HDPE<br>WTP                                                 | E235.F     | 20-Oct-2025   | 21-Oct-2025              | 28 days       | 1 days | ✓    | 21-Oct-2025   | 28 days       | 1 days | ✓    |
| Anions and Nutrients : Nitrate in Water by IC (Low Level)   |            |               |                          |               |        |      |               |               |        |      |
| HDPE<br>WTP                                                 | E235.NO3-L | 20-Oct-2025   | 21-Oct-2025              | 3 days        | 1 days | ✓    | 21-Oct-2025   | 3 days        | 1 days | ✓    |
| Anions and Nutrients : Nitrite in Water by IC (Low Level)   |            |               |                          |               |        |      |               |               |        |      |
| HDPE<br>WTP                                                 | E235.NO2-L | 20-Oct-2025   | 21-Oct-2025              | 3 days        | 1 days | ✓    | 21-Oct-2025   | 3 days        | 1 days | ✓    |



Matrix: **Water** Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                              | Method     | Sampling Date | Extraction / Preparation |               |        |          | Analysis      |               |        |          |
|------------------------------------------------------------------------------------------------|------------|---------------|--------------------------|---------------|--------|----------|---------------|---------------|--------|----------|
|                                                                                                |            |               | Preparation Date         | Holding Times |        | Eval     | Analysis Date | Holding Times |        | Eval     |
|                                                                                                |            |               |                          | Rec           | Actual |          |               | Rec           | Actual |          |
| Anions and Nutrients : Sulfate in Water by IC                                                  |            |               |                          |               |        |          |               |               |        |          |
| HDPE<br>WTP                                                                                    | E235.SO4   | 20-Oct-2025   | 21-Oct-2025              | 28 days       | 1 days | ✓        | 21-Oct-2025   | 28 days       | 1 days | ✓        |
| Anions and Nutrients : Total Nitrogen by Colourimetry                                          |            |               |                          |               |        |          |               |               |        |          |
| Amber glass total (sulfuric acid)<br>WTP                                                       | E366       | 20-Oct-2025   | 21-Oct-2025              | 28 days       | 1 days | ✓        | 22-Oct-2025   | 28 days       | 1 days | ✓        |
| Anions and Nutrients : Total Phosphorus by Colourimetry (0.002 mg/L)                           |            |               |                          |               |        |          |               |               |        |          |
| Amber glass total (sulfuric acid)<br>WTP                                                       | E372-U     | 20-Oct-2025   | 21-Oct-2025              | 28 days       | 1 days | ✓        | 22-Oct-2025   | 28 days       | 1 days | ✓        |
| Dissolved Metals : Dissolved Mercury in Water by CVAAS                                         |            |               |                          |               |        |          |               |               |        |          |
| HDPE dissolved (nitric acid)<br>WTP                                                            | E509       | 20-Oct-2025   | 23-Oct-2025              | 0 hrs         | 72 hrs | ✖<br>UCP | 23-Oct-2025   | 0 hrs         | 72 hrs | ✖<br>UCP |
| Dissolved Metals : Dissolved Metals in Water by CRC ICPMS                                      |            |               |                          |               |        |          |               |               |        |          |
| HDPE dissolved (nitric acid)<br>WTP                                                            | E421       | 20-Oct-2025   | 20-Oct-2025              | 180 days      | 0 days | ✓        | 20-Oct-2025   | 180 days      | 0 days | ✓        |
| Field Tests : Field pH,EC,Salinity, TDS, Cl2,CIO2,ORP,DO, Turbidity,T,T-P,o-PO4,NH3,Chloramine |            |               |                          |               |        |          |               |               |        |          |
| HDPE total (nitric acid)<br>WTP                                                                | EF001      | 20-Oct-2025   | ----                     | ----          | ----   |          | 20-Oct-2025   | ----          | ----   |          |
| Glycols : Glycols (4 analytes) by GC-FID                                                       |            |               |                          |               |        |          |               |               |        |          |
| Glass vial (sodium bisulfate)<br>WTP                                                           | E680E      | 20-Oct-2025   | 21-Oct-2025              | 14 days       | 1 days | ✓        | 21-Oct-2025   | 40 days       | 0 days | ✓        |
| Hydrocarbons : BC PHCs - EPH by GC-FID                                                         |            |               |                          |               |        |          |               |               |        |          |
| Amber glass/Teflon lined cap (sodium bisulfate)<br>WTP                                         | E601A      | 20-Oct-2025   | 21-Oct-2025              | 14 days       | 1 days | ✓        | 22-Oct-2025   | 40 days       | 1 days | ✓        |
| Hydrocarbons : VH and F1 by Headspace GC-FID                                                   |            |               |                          |               |        |          |               |               |        |          |
| Glass vial (sodium bisulfate)<br>WTP                                                           | E581.VH+F1 | 20-Oct-2025   | 21-Oct-2025              | 14 days       | 1 days | ✓        | 22-Oct-2025   | 14 days       | 1 days | ✓        |



Matrix: **Water** Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                           | Method | Sampling Date | Extraction / Preparation |               |        |              | Analysis      |               |        |              |
|---------------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|--------------|---------------|---------------|--------|--------------|
| Container / Client Sample ID(s)                                                             |        |               | Preparation Date         | Holding Times |        | Eval         | Analysis Date | Holding Times |        | Eval         |
|                                                                                             |        |               |                          | Rec           | Actual |              |               | Rec           | Actual |              |
| Organic / Inorganic Carbon : Dissolved Organic Carbon by Combustion (Low Level)             |        |               |                          |               |        |              |               |               |        |              |
| HDPE<br>WTP                                                                                 | E358-L | 20-Oct-2025   | 21-Oct-2025              | 3 days        | 1 days | ✓            | 21-Oct-2025   | 28 days       | 0 days | ✓            |
| Organic / Inorganic Carbon : Total Organic Carbon (Non-Purgeable) by Combustion (Low Level) |        |               |                          |               |        |              |               |               |        |              |
| Amber glass total (sulfuric acid)<br>WTP                                                    | E355-L | 20-Oct-2025   | 21-Oct-2025              | 28 days       | 1 days | ✓            | 21-Oct-2025   | 28 days       | 1 days | ✓            |
| Physical Tests : Alkalinity Species by Titration                                            |        |               |                          |               |        |              |               |               |        |              |
| HDPE<br>WTP                                                                                 | E290   | 20-Oct-2025   | 20-Oct-2025              | 14 days       | 0 days | ✓            | 20-Oct-2025   | 14 days       | 0 days | ✓            |
| Physical Tests : Conductivity in Water                                                      |        |               |                          |               |        |              |               |               |        |              |
| HDPE<br>WTP                                                                                 | E100   | 20-Oct-2025   | 20-Oct-2025              | 28 days       | 0 days | ✓            | 20-Oct-2025   | 28 days       | 0 days | ✓            |
| Physical Tests : ORP by Electrode                                                           |        |               |                          |               |        |              |               |               |        |              |
| HDPE<br>WTP                                                                                 | E125   | 20-Oct-2025   | ----                     | ----          | ----   |              | 21-Oct-2025   | 0.25 hrs      | 19 hrs | ✗<br>EHTR-FM |
| Physical Tests : pH by Meter                                                                |        |               |                          |               |        |              |               |               |        |              |
| HDPE<br>WTP                                                                                 | E108   | 20-Oct-2025   | 20-Oct-2025              | 0.25 hrs      | 4 hrs  | ✗<br>EHTR-FM | 20-Oct-2025   | 0.25 hrs      | 4 hrs  | ✗<br>EHTR-FM |
| Physical Tests : TDS by Gravimetry                                                          |        |               |                          |               |        |              |               |               |        |              |
| HDPE<br>WTP                                                                                 | E162   | 20-Oct-2025   | ----                     | ----          | ----   |              | 20-Oct-2025   | 7 days        | 0 days | ✓            |
| Physical Tests : TSS by Gravimetry                                                          |        |               |                          |               |        |              |               |               |        |              |
| HDPE<br>WTP                                                                                 | E160   | 20-Oct-2025   | ----                     | ----          | ----   |              | 20-Oct-2025   | 7 days        | 0 days | ✓            |
| Physical Tests : Turbidity by Nephelometry                                                  |        |               |                          |               |        |              |               |               |        |              |
| HDPE<br>WTP                                                                                 | E121   | 20-Oct-2025   | ----                     | ----          | ----   |              | 20-Oct-2025   | 3 days        | 0 days | ✓            |



Matrix: **Water** Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s) | Method | Sampling Date | Extraction / Preparation |               |        |          | Analysis      |               |        |          |
|----------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|----------|---------------|---------------|--------|----------|
|                                                                      |        |               | Preparation Date         | Holding Times |        | Eval     | Analysis Date | Holding Times |        | Eval     |
|                                                                      |        |               |                          | Rec           | Actual |          |               | Rec           | Actual |          |
| Polycyclic Aromatic Hydrocarbons : PAHs in Water by Hexane LVI GC-MS |        |               |                          |               |        |          |               |               |        |          |
| Amber glass/Teflon lined cap (sodium bisulfate)<br>WTP               | E641A  | 20-Oct-2025   | 21-Oct-2025              | 14 days       | 1 days | ✓        | 21-Oct-2025   | 40 days       | 0 days | ✓        |
| Total Metals : Total Mercury in Water by CVAAS                       |        |               |                          |               |        |          |               |               |        |          |
| HDPE total (nitric acid)<br>WTP                                      | E508   | 20-Oct-2025   | 23-Oct-2025              | 0 hrs         | 72 hrs | ✗<br>UCP | 23-Oct-2025   | 0 hrs         | 72 hrs | ✗<br>UCP |
| Total Metals : Total Metals in Water by CRC ICPMS                    |        |               |                          |               |        |          |               |               |        |          |
| HDPE total (nitric acid)<br>WTP                                      | E420   | 20-Oct-2025   | 20-Oct-2025              | 180 days      | 0 days | ✓        | 20-Oct-2025   | 180 days      | 0 days | ✓        |
| Volatile Organic Compounds : VOCs (BC List) by Headspace GC-MS       |        |               |                          |               |        |          |               |               |        |          |
| Glass vial (sodium bisulfate)<br>WTP                                 | E611C  | 20-Oct-2025   | 21-Oct-2025              | 14 days       | 1 days | ✓        | 22-Oct-2025   | 14 days       | 1 days | ✓        |

**Legend & Qualifier Definitions**

EHTR-FM: Exceeded ALS recommended hold time prior to sample receipt. Field Measurement recommended

Rec. HT: ALS recommended hold time (see units).

UCP: Unsuitable Container and/or Preservative used (invalidates standard hold time). Maximum hold time of zero applied. Test results may be biased low / unreliable, and may not meet regulatory requirements.



## Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Water** Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

| Quality Control Sample Type                                    |            |          | Count |         | Frequency (%) |          |            |
|----------------------------------------------------------------|------------|----------|-------|---------|---------------|----------|------------|
| Analytical Methods                                             | Method     | QC Lot # | QC    | Regular | Actual        | Expected | Evaluation |
| Laboratory Duplicates (DUP)                                    |            |          |       |         |               |          |            |
| Conductivity in Water                                          | E100       | 2287528  | 1     | 10      | 10.0          | 5.0      | ✓          |
| pH by Meter                                                    | E108       | 2287529  | 1     | 11      | 9.0           | 5.0      | ✓          |
| Turbidity by Nephelometry                                      | E121       | 2287803  | 1     | 13      | 7.6           | 5.0      | ✓          |
| ORP by Electrode                                               | E125       | 2288445  | 1     | 20      | 5.0           | 5.0      | ✓          |
| TSS by Gravimetry                                              | E160       | 2287569  | 1     | 9       | 11.1          | 5.0      | ✓          |
| TDS by Gravimetry                                              | E162       | 2287583  | 1     | 9       | 11.1          | 5.0      | ✓          |
| Bromide in Water by IC (Low Level)                             | E235.Br-L  | 2289666  | 1     | 6       | 16.6          | 5.0      | ✓          |
| Chloride in Water by IC                                        | E235.Cl    | 2289665  | 1     | 6       | 16.6          | 5.0      | ✓          |
| Fluoride in Water by IC                                        | E235.F     | 2289664  | 1     | 6       | 16.6          | 5.0      | ✓          |
| Nitrite in Water by IC (Low Level)                             | E235.NO2-L | 2289669  | 1     | 6       | 16.6          | 5.0      | ✓          |
| Nitrate in Water by IC (Low Level)                             | E235.NO3-L | 2289668  | 1     | 6       | 16.6          | 5.0      | ✓          |
| Sulfate in Water by IC                                         | E235.SO4   | 2289670  | 1     | 6       | 16.6          | 5.0      | ✓          |
| Alkalinity Species by Titration                                | E290       | 2287530  | 1     | 9       | 11.1          | 5.0      | ✓          |
| Ammonia by Fluorescence                                        | E298       | 2287355  | 1     | 6       | 16.6          | 5.0      | ✓          |
| Total Organic Carbon (Non-Purgeable) by Combustion (Low Level) | E355-L     | 2289705  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Dissolved Organic Carbon by Combustion (Low Level)             | E358-L     | 2289704  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Total Nitrogen by Colourimetry                                 | E366       | 2289706  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Total Phosphorus by Colourimetry (0.002 mg/L)                  | E372-U     | 2289707  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Total Metals in Water by CRC ICPMS                             | E420       | 2287365  | 1     | 6       | 16.6          | 5.0      | ✓          |
| Dissolved Metals in Water by CRC ICPMS                         | E421       | 2287368  | 1     | 6       | 16.6          | 5.0      | ✓          |
| Total Mercury in Water by CVAAS                                | E508       | 2294950  | 1     | 1       | 100.0         | 5.0      | ✓          |
| Dissolved Mercury in Water by CVAAS                            | E509       | 2294955  | 1     | 1       | 100.0         | 5.0      | ✓          |
| Phenols (4AAP) in Water by Colorimetry                         | E562       | 2291988  | 1     | 20      | 5.0           | 5.0      | ✓          |
| VH and F1 by Headspace GC-FID                                  | E581.VH+F1 | 2290363  | 1     | 1       | 100.0         | 5.0      | ✓          |
| VOCs (BC List) by Headspace GC-MS                              | E611C      | 2290364  | 1     | 2       | 50.0          | 5.0      | ✓          |
| Glycols (4 analytes) by GC-FID                                 | E680E      | 2289551  | 1     | 1       | 100.0         | 5.0      | ✓          |
| Laboratory Control Samples (LCS)                               |            |          |       |         |               |          |            |
| Conductivity in Water                                          | E100       | 2287528  | 1     | 10      | 10.0          | 5.0      | ✓          |
| pH by Meter                                                    | E108       | 2287529  | 1     | 11      | 9.0           | 5.0      | ✓          |
| Turbidity by Nephelometry                                      | E121       | 2287803  | 1     | 13      | 7.6           | 5.0      | ✓          |
| ORP by Electrode                                               | E125       | 2288445  | 1     | 20      | 5.0           | 5.0      | ✓          |
| TSS by Gravimetry                                              | E160       | 2287569  | 1     | 9       | 11.1          | 5.0      | ✓          |
| TDS by Gravimetry                                              | E162       | 2287583  | 1     | 9       | 11.1          | 5.0      | ✓          |
| Bromide in Water by IC (Low Level)                             | E235.Br-L  | 2289666  | 1     | 6       | 16.6          | 5.0      | ✓          |
| Chloride in Water by IC                                        | E235.Cl    | 2289665  | 1     | 6       | 16.6          | 5.0      | ✓          |
| Fluoride in Water by IC                                        | E235.F     | 2289664  | 1     | 6       | 16.6          | 5.0      | ✓          |



Matrix: **Water**

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

| Quality Control Sample Type                                    |            |          | Count |         | Frequency (%) |          |            |
|----------------------------------------------------------------|------------|----------|-------|---------|---------------|----------|------------|
| Analytical Methods                                             | Method     | QC Lot # | QC    | Regular | Actual        | Expected | Evaluation |
| <b>Laboratory Control Samples (LCS) - Continued</b>            |            |          |       |         |               |          |            |
| Nitrite in Water by IC (Low Level)                             | E235.NO2-L | 2289669  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Nitrate in Water by IC (Low Level)                             | E235.NO3-L | 2289668  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Sulfate in Water by IC                                         | E235.SO4   | 2289670  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Alkalinity Species by Titration                                | E290       | 2287530  | 1     | 9       | 11.1          | 5.0      | ✔          |
| Ammonia by Fluorescence                                        | E298       | 2287355  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Total Organic Carbon (Non-Purgeable) by Combustion (Low Level) | E355-L     | 2289705  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Dissolved Organic Carbon by Combustion (Low Level)             | E358-L     | 2289704  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Total Nitrogen by Colourimetry                                 | E366       | 2289706  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Total Phosphorus by Colourimetry (0.002 mg/L)                  | E372-U     | 2289707  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Total Metals in Water by CRC ICPMS                             | E420       | 2287365  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Dissolved Metals in Water by CRC ICPMS                         | E421       | 2287368  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Total Mercury in Water by CVAAS                                | E508       | 2294950  | 1     | 1       | 100.0         | 5.0      | ✔          |
| Dissolved Mercury in Water by CVAAS                            | E509       | 2294955  | 1     | 1       | 100.0         | 5.0      | ✔          |
| Phenols (4AAP) in Water by Colorimetry                         | E562       | 2291988  | 1     | 20      | 5.0           | 5.0      | ✔          |
| VH and F1 by Headspace GC-FID                                  | E581.VH+F1 | 2290363  | 1     | 1       | 100.0         | 5.0      | ✔          |
| BC PHCs - EPH by GC-FID                                        | E601A      | 2289599  | 1     | 3       | 33.3          | 5.0      | ✔          |
| VOCs (BC List) by Headspace GC-MS                              | E611C      | 2290364  | 1     | 2       | 50.0          | 5.0      | ✔          |
| PAHs in Water by Hexane LVI GC-MS                              | E641A      | 2289600  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Glycols (4 analytes) by GC-FID                                 | E680E      | 2289551  | 1     | 1       | 100.0         | 5.0      | ✔          |
| <b>Method Blanks (MB)</b>                                      |            |          |       |         |               |          |            |
| Conductivity in Water                                          | E100       | 2287528  | 1     | 10      | 10.0          | 5.0      | ✔          |
| Turbidity by Nephelometry                                      | E121       | 2287803  | 1     | 13      | 7.6           | 5.0      | ✔          |
| TSS by Gravimetry                                              | E160       | 2287569  | 1     | 9       | 11.1          | 5.0      | ✔          |
| TDS by Gravimetry                                              | E162       | 2287583  | 1     | 9       | 11.1          | 5.0      | ✔          |
| Bromide in Water by IC (Low Level)                             | E235.Br-L  | 2289666  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Chloride in Water by IC                                        | E235.Cl    | 2289665  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Fluoride in Water by IC                                        | E235.F     | 2289664  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Nitrite in Water by IC (Low Level)                             | E235.NO2-L | 2289669  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Nitrate in Water by IC (Low Level)                             | E235.NO3-L | 2289668  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Sulfate in Water by IC                                         | E235.SO4   | 2289670  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Alkalinity Species by Titration                                | E290       | 2287530  | 1     | 9       | 11.1          | 5.0      | ✔          |
| Ammonia by Fluorescence                                        | E298       | 2287355  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Total Organic Carbon (Non-Purgeable) by Combustion (Low Level) | E355-L     | 2289705  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Dissolved Organic Carbon by Combustion (Low Level)             | E358-L     | 2289704  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Total Nitrogen by Colourimetry                                 | E366       | 2289706  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Total Phosphorus by Colourimetry (0.002 mg/L)                  | E372-U     | 2289707  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Total Metals in Water by CRC ICPMS                             | E420       | 2287365  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Dissolved Metals in Water by CRC ICPMS                         | E421       | 2287368  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Total Mercury in Water by CVAAS                                | E508       | 2294950  | 1     | 1       | 100.0         | 5.0      | ✔          |



Matrix: **Water**

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

| Quality Control Sample Type                                    |            |          | Count |         | Frequency (%) |          |            |
|----------------------------------------------------------------|------------|----------|-------|---------|---------------|----------|------------|
| Analytical Methods                                             | Method     | QC Lot # | QC    | Regular | Actual        | Expected | Evaluation |
| <b>Method Blanks (MB) - Continued</b>                          |            |          |       |         |               |          |            |
| Dissolved Mercury in Water by CVAAS                            | E509       | 2294955  | 1     | 1       | 100.0         | 5.0      | ✔          |
| Phenols (4AAP) in Water by Colorimetry                         | E562       | 2291988  | 1     | 20      | 5.0           | 5.0      | ✔          |
| VH and F1 by Headspace GC-FID                                  | E581.VH+F1 | 2290363  | 1     | 1       | 100.0         | 5.0      | ✔          |
| BC PHCs - EPH by GC-FID                                        | E601A      | 2289599  | 1     | 3       | 33.3          | 5.0      | ✔          |
| VOCs (BC List) by Headspace GC-MS                              | E611C      | 2290364  | 1     | 2       | 50.0          | 5.0      | ✔          |
| PAHs in Water by Hexane LVI GC-MS                              | E641A      | 2289600  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Glycols (4 analytes) by GC-FID                                 | E680E      | 2289551  | 1     | 1       | 100.0         | 5.0      | ✔          |
| <b>Matrix Spikes (MS)</b>                                      |            |          |       |         |               |          |            |
| Bromide in Water by IC (Low Level)                             | E235.Br-L  | 2289666  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Chloride in Water by IC                                        | E235.Cl    | 2289665  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Fluoride in Water by IC                                        | E235.F     | 2289664  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Nitrite in Water by IC (Low Level)                             | E235.NO2-L | 2289669  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Nitrate in Water by IC (Low Level)                             | E235.NO3-L | 2289668  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Sulfate in Water by IC                                         | E235.SO4   | 2289670  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Ammonia by Fluorescence                                        | E298       | 2287355  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Total Organic Carbon (Non-Purgeable) by Combustion (Low Level) | E355-L     | 2289705  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Dissolved Organic Carbon by Combustion (Low Level)             | E358-L     | 2289704  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Total Nitrogen by Colourimetry                                 | E366       | 2289706  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Total Phosphorus by Colourimetry (0.002 mg/L)                  | E372-U     | 2289707  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Total Metals in Water by CRC ICPMS                             | E420       | 2287365  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Dissolved Metals in Water by CRC ICPMS                         | E421       | 2287368  | 1     | 6       | 16.6          | 5.0      | ✔          |
| Total Mercury in Water by CVAAS                                | E508       | 2294950  | 0     | 1       | 0.0           | 5.0      | ✖          |
| Dissolved Mercury in Water by CVAAS                            | E509       | 2294955  | 0     | 1       | 0.0           | 5.0      | ✖          |
| Phenols (4AAP) in Water by Colorimetry                         | E562       | 2291988  | 1     | 20      | 5.0           | 5.0      | ✔          |
| VH and F1 by Headspace GC-FID                                  | E581.VH+F1 | 2290363  | 0     | 1       | 0.0           | 5.0      | ✖          |
| VOCs (BC List) by Headspace GC-MS                              | E611C      | 2290364  | 1     | 2       | 50.0          | 5.0      | ✔          |





## Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by "mod").

| Analytical Methods                 | Method / Lab                               | Matrix | Method Reference  | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------|--------------------------------------------|--------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conductivity in Water              | E100<br>ALS Environmental - Vancouver      | Water  | APHA 2510 (mod)   | Conductivity, also known as Electrical Conductivity (EC) or Specific Conductance, is measured by immersion of a conductivity cell with platinum electrodes into a water sample. Conductivity measurements are temperature-compensated to 25°C.                                                                                                                                                               |
| pH by Meter                        | E108<br>ALS Environmental - Vancouver      | Water  | APHA 4500-H (mod) | pH is determined by potentiometric measurement with a pH electrode, and is conducted at ambient laboratory temperature (normally 20 ± 5°C). For high accuracy test results, pH should be measured in the field within the recommended 15 minute hold time.                                                                                                                                                   |
| Turbidity by Nephelometry          | E121<br>ALS Environmental - Vancouver      | Water  | APHA 2130 B (mod) | Turbidity is measured by the nephelometric method, by measuring the intensity of light scatter under defined conditions.                                                                                                                                                                                                                                                                                     |
| ORP by Electrode                   | E125<br>ALS Environmental - Vancouver      | Water  | ASTM D1498 (mod)  | Oxidation reduction potential is reported as the oxidation-reduction potential of the platinum metal-reference electrode employed, measured in mV. For high accuracy test results, it is recommended that this analysis be conducted in the field.                                                                                                                                                           |
| TSS by Gravimetry                  | E160<br>ALS Environmental - Vancouver      | Water  | APHA 2540 D (mod) | Total Suspended Solids (TSS) are determined by filtering a sample through a glass fibre filter, following by drying of the filter at 104 ± 1°C, with gravimetric measurement of the filtered solids. Samples containing very high dissolved solid content (i.e. seawaters, brackish waters) may produce a positive bias by this method. Alternate analysis methods are available for these types of samples. |
| TDS by Gravimetry                  | E162<br>ALS Environmental - Vancouver      | Water  | APHA 2540 C (mod) | Total Dissolved Solids (TDS) are determined by filtering a sample through a glass fibre filter, with evaporation of the filtrate at 180 ± 2°C for 16 hours or to constant weight, with gravimetric measurement of the residue.                                                                                                                                                                               |
| Bromide in Water by IC (Low Level) | E235.Br-L<br>ALS Environmental - Vancouver | Water  | EPA 300.1 (mod)   | Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.                                                                                                                                                                                                                                                                                                                   |
| Chloride in Water by IC            | E235.Cl<br>ALS Environmental - Vancouver   | Water  | EPA 300.1 (mod)   | Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.                                                                                                                                                                                                                                                                                                                   |
| Fluoride in Water by IC            | E235.F<br>ALS Environmental - Vancouver    | Water  | EPA 300.1 (mod)   | Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.                                                                                                                                                                                                                                                                                                                   |



| Analytical Methods                                             | Method / Lab                                | Matrix | Method Reference                           | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------|---------------------------------------------|--------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nitrite in Water by IC (Low Level)                             | E235.NO2-L<br>ALS Environmental - Vancouver | Water  | EPA 300.1 (mod)                            | Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Nitrate in Water by IC (Low Level)                             | E235.NO3-L<br>ALS Environmental - Vancouver | Water  | EPA 300.1 (mod)                            | Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sulfate in Water by IC                                         | E235.SO4<br>ALS Environmental - Vancouver   | Water  | EPA 300.1 (mod)                            | Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Alkalinity Species by Titration                                | E290<br>ALS Environmental - Vancouver       | Water  | APHA 2320 B (mod)                          | Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ammonia by Fluorescence                                        | E298<br>ALS Environmental - Vancouver       | Water  | Method Fialab 100, 2018                    | Ammonia in water is determined by automated continuous flow analysis with membrane diffusion and fluorescence detection, after reaction with OPA (ortho-phthalaldehyde). This method is approved under US EPA 40 CFR Part 136 (May 2021)                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Total Organic Carbon (Non-Purgeable) by Combustion (Low Level) | E355-L<br>ALS Environmental - Vancouver     | Water  | APHA 5310 B (mod)                          | Total Organic Carbon (Non-Purgeable), also known as NPOC (total), is a direct measurement of TOC after an acidified sample has been purged to remove carbonate-based Inorganic Carbon (IC). Analysis is by high temperature combustion with infrared detection of CO <sub>2</sub> . Forms of carbon associated with inorganic or organic molecules (e.g. SCN and CN) are included in NPOC if they are not removed by purging under acidic conditions. Notably, NPOC excludes most volatile organic compounds and free cyanide. For samples where the majority of Total Carbon is inorganic, this method provides greater accuracy and reliability versus the TOC by subtraction method (TC minus TIC). |
| Dissolved Organic Carbon by Combustion (Low Level)             | E358-L<br>ALS Environmental - Vancouver     | Water  | APHA 5310 B (mod)                          | Dissolved Organic Carbon (Non-Purgeable), also known as NPOC (dissolved), is a direct measurement of DOC after a filtered (0.45 micron) sample has been acidified and purged to remove inorganic carbon (IC). Analysis is by high temperature combustion with infrared detection of CO <sub>2</sub> . NPOC does not include volatile organic species that are purged off with IC. For samples where the majority of DC (dissolved carbon) is comprised of IC (which is common), this method is more accurate and more reliable than the DOC by subtraction method (i.e. DC minus DIC).                                                                                                                 |
| Total Nitrogen by Colourimetry                                 | E366<br>ALS Environmental - Vancouver       | Water  | Chinchilla Scientific Nitrate Method, 2011 | Following digestion, total nitrogen is is determined colourimetrically using a discrete analyzer utilizing the vanadium chloride reduction method. This method of analysis is approved under US EPA 40 CFR Part 136 (May 2021).                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Total Phosphorus by Colourimetry (0.002 mg/L)                  | E372-U<br>ALS Environmental - Vancouver     | Water  | APHA 4500-P E (mod).                       | Total Phosphorus is determined colourimetrically using a discrete analyzer after heated persulfate digestion of the sample.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |



| Analytical Methods                     | Method / Lab                                | Matrix | Method Reference                                    | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------|---------------------------------------------|--------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Metals in Water by CRC ICPMS     | E420<br>ALS Environmental - Vancouver       | Water  | EPA 200.2/6020B (mod)                               | Water samples are digested with nitric and hydrochloric acids, and analyzed by Collision/Reaction Cell ICPMS.<br><br>Method Limitation (re: Sulfur): Sulfide and volatile sulfur species may not be recovered by this method.                                                                                                                                                                                                                                                                                                                                                                        |
| Dissolved Metals in Water by CRC ICPMS | E421<br>ALS Environmental - Vancouver       | Water  | APHA 3030B/EPA 6020B (mod)                          | Water samples are filtered (0.45 um), preserved with nitric acid, and analyzed by Collision/Reaction Cell ICPMS.<br><br>Method Limitation (re: Sulfur): Sulfide and volatile sulfur species may not be recovered by this method.                                                                                                                                                                                                                                                                                                                                                                     |
| Total Mercury in Water by CVAAS        | E508<br>ALS Environmental - Vancouver       | Water  | EPA 1631E (mod)                                     | Water samples undergo a cold-oxidation using bromine monochloride prior to reduction with stannous chloride, and analyzed by CVAAS                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Dissolved Mercury in Water by CVAAS    | E509<br>ALS Environmental - Vancouver       | Water  | APHA 3030B/EPA 1631E (mod)                          | Water samples are filtered (0.45 um), preserved with HCl, then undergo a cold-oxidation using bromine monochloride prior to reduction with stannous chloride, and analyzed by CVAAS.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Phenols (4AAP) in Water by Colorimetry | E562<br>ALS Environmental - Edmonton        | Water  | EPA 9066                                            | This automated method is based on the distillation of phenol and subsequent reaction of the distillate with alkaline ferricyanide (K <sub>3</sub> Fe(CN) <sub>6</sub> ) and 4-amino-antipyrine (4-AAP) to form a red complex which is measured colorimetrically.                                                                                                                                                                                                                                                                                                                                     |
| VH and F1 by Headspace GC-FID          | E581.VH+F1<br>ALS Environmental - Vancouver | Water  | BC MOE Lab Manual / CCME PHC in Soil - Tier 1 (mod) | Volatile Hydrocarbons (VH and F1) is analyzed by static headspace GC-FID. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.<br><br>Analytical methods for CCME Petroleum Hydrocarbons (PHCs) are validated to comply fully with the Reference Method for the Canada-Wide Standard for PHC. Unless qualified, all required quality control criteria of the CCME PHC method have been met, including response factor and linearity requirements. |
| BC PHCs - EPH by GC-FID                | E601A<br>ALS Environmental - Vancouver      | Water  | BC MOE Lab Manual                                   | Sample extracts are analyzed by GC-FID for BC hydrocarbon fractions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| VOCs (BC List) by Headspace GC-MS      | E611C<br>ALS Environmental - Vancouver      | Water  | EPA 8260D (mod)                                     | Volatile Organic Compounds (VOCs) are analyzed by static headspace GC-MS. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.<br><br>Total Xylenes is the sum of m,p-Xylene & o-Xylene. Total BTEX is the sum of Benzene, Toluene, Ethylbenzene, & Total Xylenes. Total BTEX+Styrene is the sum of Total BTEX & Styrene. Total Trihalomethanes [THMs] is the sum of Bromodichloromethane, Bromoform, Chloroform, & Dibromochloromethane.         |



| Analytical Methods                                                                                                                      | Method / Lab                                | Matrix | Method Reference                                     | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PAHs in Water by Hexane LVI GC-MS                                                                                                       | E641A<br><br>ALS Environmental - Vancouver  | Water  | EPA 8270E (mod)                                      | Polycyclic Aromatic Hydrocarbons (PAHs) are analyzed by large-volume injection (LVI) GC-MS. Totals and sub-totals (e.g., ΣPAH, low and high MW PAHs) are reported as the sum of the individual target compounds detected; the detection limit for any sum is calculated by the root-sum-of-squares (RSS) of the individual analyte limits (per CCME Vol. 4 Analytical Methods). Benzo[a]pyrene total potency equivalents (B[a]P-TEQ/TPEQ) are calculated in accordance with CCME using the published potency-equivalency factors; non-detects are assigned one-half of the limit of reporting (LOR) in the TEQ calculation. |
| Glycols (4 analytes) by GC-FID                                                                                                          | E680E<br><br>ALS Environmental - Vancouver  | Water  | EPA 8015D (mod)                                      | Derivatized glycols are analyzed by GC-FID.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Dissolved Hardness (Calculated)                                                                                                         | EC100<br><br>ALS Environmental - Vancouver  | Water  | APHA 2340B                                           | "Hardness (as CaCO <sub>3</sub> ), dissolved" is calculated from the sum of dissolved Calcium and Magnesium concentrations, expressed in CaCO <sub>3</sub> equivalents. "Total Hardness" refers to the sum of Calcium and Magnesium Hardness. Hardness is normally or preferentially calculated from dissolved Calcium and Magnesium concentrations, because it is a property of water due to dissolved divalent cations.                                                                                                                                                                                                   |
| Hardness (Calculated) from Total Ca/Mg                                                                                                  | EC100A<br><br>ALS Environmental - Vancouver | Water  | APHA 2340B                                           | "Hardness (as CaCO <sub>3</sub> ), from total Ca/Mg" is calculated from the sum of total Calcium and Magnesium concentrations, expressed as CaCO <sub>3</sub> equivalents. "Total Hardness" refers to the sum of Calcium and Magnesium Hardness. Hardness is normally or preferentially calculated from dissolved Calcium and Magnesium concentrations, because hardness is a property of water due to dissolved divalent cations. In non-turbid waters, Hardness from total Ca/Mg is normally comparable to Dissolved Hardness, but may be biased high if particulate forms of Ca or Mg are present.                       |
| Un-ionized and Ionized Ammonia (Calculation)<br>(Field Temperature and pH)                                                              | EC298A<br><br>ALS Environmental - Vancouver | Water  | CCME CWQG<br>Ammonia                                 | Un-ionized ammonia is calculated from test results for total ammonia, field temperature and pH, and is expressed in units of mg/L "as N".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| VPH: VH-BTEX-Styrene                                                                                                                    | EC580A<br><br>ALS Environmental - Vancouver | Water  | BC MOE Lab Manual<br>(VPH in Water and Solids) (mod) | Volatile Petroleum Hydrocarbons (VPH) is calculated as follows: VPHw = Volatile Hydrocarbons (VH C6-C10) minus benzene, toluene, ethylbenzene, xylenes (BTEX) and styrene.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LEPH and HEPH: EPH-PAH                                                                                                                  | EC600A<br><br>ALS Environmental - Vancouver | Water  | BC MOE Lab Manual<br>(LEPH and HEPH)                 | Light Extractable Petroleum Hydrocarbons (LEPH) and Heavy Extractable Petroleum Hydrocarbons (HEPH) are calculated as follows: LEPH = Extractable Petroleum Hydrocarbons (EPH10-19) minus Acenaphthene, Acridine, Anthracene, Fluorene, Naphthalene and Phenanthrene; HEPH = Extractable Petroleum Hydrocarbons (EPH19-32) minus Benz(a)anthracene, Benzo(a)pyrene, Fluoranthene, and Pyrene.                                                                                                                                                                                                                               |
| Field pH,EC,Salinity, TDS, Cl <sub>2</sub> ,ClO <sub>2</sub> ,ORP,DO,<br>Turbidity,T,T-P,o-PO <sub>4</sub> ,NH <sub>3</sub> ,Chloramine | EF001<br><br>ALS Environmental - Vancouver  | Water  | Field Measurement<br>(Client Supplied)               | Field pH,EC,Salinity, TDS, Cl <sub>2</sub> ,ClO <sub>2</sub> ,ORP,DO, Turbidity,T,T-P,o-PO <sub>4</sub> ,NH <sub>3</sub> or Chloramine measurements provided by client and recorded on ALS report may affect the validity of results.                                                                                                                                                                                                                                                                                                                                                                                       |

| Preparation Methods | Method / Lab | Matrix | Method Reference | Method Descriptions |
|---------------------|--------------|--------|------------------|---------------------|
|---------------------|--------------|--------|------------------|---------------------|



| Preparation Methods                                     | Method / Lab                            | Matrix | Method Reference     | Method Descriptions                                                                                                                                              |
|---------------------------------------------------------|-----------------------------------------|--------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preparation for Ammonia                                 | EP298<br>ALS Environmental - Vancouver  | Water  |                      | Sample preparation for Preserved Nutrients Water Quality Analysis.                                                                                               |
| Preparation for Total Organic Carbon by Combustion      | EP355<br>ALS Environmental - Vancouver  | Water  |                      | Preparation for Total Organic Carbon by Combustion                                                                                                               |
| Preparation for Dissolved Organic Carbon for Combustion | EP358<br>ALS Environmental - Vancouver  | Water  | APHA 5310 B (mod)    | Preparation for Dissolved Organic Carbon                                                                                                                         |
| Digestion for Total Nitrogen in water                   | EP366<br>ALS Environmental - Vancouver  | Water  | APHA 4500-P J (mod)  | Samples for total nitrogen analysis are digested using a heated persulfate digestion. Nitrogen compounds are converted to nitrate in this digestion.             |
| Digestion for Total Phosphorus in water                 | EP372<br>ALS Environmental - Vancouver  | Water  | APHA 4500-P E (mod). | Samples are heated with a persulfate digestion reagent.                                                                                                          |
| Dissolved Metals Water Filtration                       | EP421<br>ALS Environmental - Vancouver  | Water  | APHA 3030B           | Water samples are filtered (0.45 um), and preserved with HNO <sub>3</sub> .                                                                                      |
| Dissolved Mercury Water Filtration                      | EP509<br>ALS Environmental - Vancouver  | Water  | APHA 3030B           | Water samples are filtered (0.45 um), and preserved with HCl.                                                                                                    |
| VOCs Preparation for Headspace Analysis                 | EP581<br>ALS Environmental - Vancouver  | Water  | EPA 5021A (mod)      | Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler. An aliquot of the headspace is then injected into a GC-MS-FID. |
| PHCs and PAHs Hexane Extraction                         | EP601<br>ALS Environmental - Vancouver  | Water  | EPA 3511 (mod)       | Petroleum Hydrocarbons (PHCs) and Polycyclic Aromatic Hydrocarbons (PAHs) are extracted using a hexane liquid-liquid extraction.                                 |
| Glycols Extraction and Derivatization (BC Only)         | EP680E<br>ALS Environmental - Vancouver | Water  | EPA 8015D (mod)      | Aqueous sample is derivatized and extracted with organic solvent.                                                                                                |



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