# Eagle Mountain - Woodfibre Gas Pipeline Project

# BCER Waste Discharge Permit Weekly Report

# Contents

# 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. However, routine review of these results are being conducted and should instream exceedances be identified, discharge results will be reviewed and optimized.

# 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. 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.

## 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 |

# 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.
- No discharge 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- No discharges during this time period | | | | | | | |

*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 | 2025-07-15 | 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 | 2025-07-15 | 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) at 15-minute intervals. Turbidity at the downstream station SQU DS was consistently much higher than at SQU US and was above the BC WQGPAL. Turbidity at SQU DS spiked suddenly up to 4800 NTU early on July 14 and then remaining elevated between 2200 and 3200 NTU for the remainder of the day, then declining on July 15 to 1000 NTU by early morning July 16. At this point the turbidity generally remained stable with a very gradual decrease over the remainder of the week from 1000 to 700 NTU. Due to the high flows the data loggers often get trapped in the river sediment and debris, there is not discharge at the BC Rail Site.

# 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.
- Water volume discharge exceedances.
- There was one reportable exceedance of D-Cu at WLNG EOP on July 15th, 2025. The EOP concentration (0.000533 mg/L) exceeded the BC short-term WQGPAL (freshwater) of 0.0002 mg/L, by a factor of 2.7 times. The BC WQGPAL is derived with an uncertainty factor of 2.
    - Of note is that the upstream concentration in East Creek (WLNG US) was 0.000623 mg/L, which is higher than D-Cu at EOP by 1.2 times. Furthermore, the concentration of D-Cu in downstream East Creek (WLNG DS) was lower than at EOP and WLNG US and was compliant with both BC acute and chronic guideline.

## 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 | 2025-07-14 | Yes-Appendix C | 2,118 $m^3$ |
| Woodfibre | 2025-07-16 | Yes-Appendix C | 2,249 $m^3$ |
| Woodfibre | 2025-07-17 | Yes-Appendix C | 2,096 $m^3$ |
| Woodfibre | 2025-07-18 | Yes-Appendix C | 2,200 $m^3$ |
| Woodfibre | 2025-07-19 | Yes-Appendix C | 2,219 $m^3$ |
| Woodfibre | 2025-07-20 | Yes-Appendix C | 2,307 $m^3$ |
| Woodfibre | 2025-07-21 | Yes-Appendix C | 2,294 $m^3$ |

*Max discharge is 1500m3/day

## 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 | 2025-07-15 | 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 | 2025-07-15 | 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). The turbidity in EAS-DS was frequently spiking higher than upstream station EAS-US. EAS-DS ranged from 0 to 200 NTU (average 11.7 NTU), while EAS-US ranged from 1.6 to 33.6 NTU (average 2.4 NTU). Two large spikes in turbidity were observed at EAS-DS (one on July 14 at 11:00, and another on July 15 at 06:00). Several smaller spikes were observed at both EAS-US and EAS-DS through the week (up to 33 NTU). Based on screening the EAS-DS with background-based BC WQGPAL, no 24-hr consecutive exceedances were noted. The upstream station WLNG US showed higher temperature than that at WLNG DS. WLNG US ranged from 15 to 17.4 C, while WLNG DS ranged from 11.9 to 14.4 C. On average, downstream water was 4 degrees C cooler than upstream.

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

# BCR Site Batch Sample Analysis

## No Discharges

# BCR Site WTP Discharge Field Notes and Logs
# No Discharges

# Appendix B: BCR Site Receiving Environment Documentation

# BCR Site Receiving Environment Sample Analysis

| *Analyte* | Unit | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1,2] | BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1,2] | BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2] | **SQU US 2025-07-15 14:00:00** [3] | **SQU DS 2025-07-15 14:20:00** [3] |
|---|---|---|---|---|---|---|---|---|---|
| **In situ Parameters** | | | | | | | | | |
| **Field pH** | **pH Units** | 6.5 - 9 | | | 7 - 8.7 | | | **6.67** | 7.63 |
| **Field Temperature** | **°C** | 18 | 19 | | | | | 15 | 10.7 |
| **General Parameters** | | | | | | | | | |
| **pH** | **pH Units** | | | | | | | 6.29 | 6.26 |
| **Alkalinity (Total as $CaCO_3$)** | **mg/L** | | | | | | | 8.7 | 7.5 |
| **Alkalinity (PP as $CaCO_3$)** | **mg/L** | | | | | | | <1 | <1 |
| **Hardness ($CaCO_3$)-Total** | **mg/L** | | | | | | | 11.1 | 9.93 |
| **Hardness ($CaCO_3$)-Dissolved** | **mg/L** | | | | | | | 9.46 | 8.44 |
| **Sulphide-Total** | **mg/L** | | | | | | | 0.0031 | 0.0019 |
| **Sulphide (as $H_2S$)** | **mg/L** | | | 0.002 | | | | **0.0033** | <0.002 |
| **Un-ionized Hydrogen Sulfide as $H_2S$-Total** | **mg/L** | | | | | | | 0.0025 | <0.0019 |
| **Un-ionized Hydrogen Sulfide as S-Total** | **mg/L** | | | | | | | 0.0023 | <0.0018 |
| **Anions and Nutrients** | | | | | | | | | |
| **Ammonia (N)-Total** | **mg/L** | 1.77 | 23 | | 14 | 33 | | 0.049 | 0.032 |
| **Bicarbonate ($HCO_3$)** | **mg/L** | | | | | | | 11 | 9.1 |
| **Carbonate ($CO_3$)** | **mg/L** | | | | | | | <1 | <1 |
| **Hydroxide (OH)** | **mg/L** | | | | | | | <1 | <1 |
| **Nitrate (N)** | **mg/L** | 3 | 32.8 | | 3.7 | | | <0.02 | <0.02 |
| **Nitrite (N)** | **mg/L** | 0.02 | 0.06 | | | | | <0.005 | <0.005 |
| **Nitrate plus Nitrite (N)** | **mg/L** | | | | | | | <0.02 | <0.02 |
| **Nitrogen (N)-Total** | **mg/L** | | | | | | | 0.872 | 0.046 |
| **Phosphorus (P)-Total (4500-P)** | **mg/L** | | | | | | | 0.14 | 0.11 |
| **Bromide (Br)** | **mg/L** | | | | | | | <0.01 | <0.01 |
| **Chloride (Cl)** | **mg/L** | 150 | 600 | | | | | <1 | <1 |
| **Fluoride (F)** | **mg/L** | | 0.406 | | | 1.5 | | <0.05 | <0.05 |
| **Sulphate ($SO_4$)-Dissolved** | **mg/L** | 128 | | | | | | 2.7 | 3 |

| *Analyte* | Unit | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1,2] | BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1,2] | BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2] | **SQU US 2025-07-15 14:00:00** [3] | **SQU DS 2025-07-15 14:20:00** [3] |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| **Aluminum (Al)-Total** | **mg/L** | 0.015351 | | | | | | **0.721** | **0.65** |
| **Antimony (Sb)-Total** | **mg/L** | 0.074 | 0.25 | | | | | <0.00002 | <0.00002 |
| **Arsenic (As)-Total** | **mg/L** | 0.005 | | | 0.0125 | | | 0.000135 | 0.000138 |
| **Barium (Ba)-Total** | **mg/L** | | | 1 | | | | 0.0176 | 0.0168 |
| **Beryllium (Be)-Total** | **mg/L** | | | 0.00013 | | | 0.1 | 0.000017 | <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 | 0.0000073 | <0.000005 |
| **Calcium (Ca)-Total** | **mg/L** | | | | | | | 3.48 | 3.1 |
| **Cesium (Cs)-Total** | **mg/L** | | | | | | | 0.000058 | 0.00006 |
| **Chromium (Cr)-Total** | **mg/L** | | | | | | | 0.00032 | 0.00051 |
| **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** | 0.000389 | 0.11 | | | | | 0.000311 | 0.000299 |
| **Copper (Cu)-Total** | **mg/L** | | | | 0.002 | 0.003 | | **0.00203** | 0.00177 |
| **Iron (Fe)-Total** | **mg/L** | | 1 | | | | | 0.572 | 0.574 |
| **Lead (Pb)-Total** | **mg/L** | | | | 0.002 | 0.14 | | 0.000187 | 0.000149 |
| **Lithium (Li)-Total** | **mg/L** | | | | | | | 0.00105 | 0.00099 |
| **Magnesium (Mg)-Total** | **mg/L** | | | | | | | 0.59 | 0.53 |
| **Manganese (Mn)-Total** | **mg/L** | 0.649 | 0.649 | | | | 0.1 | 0.0225 | 0.0212 |
| **Mercury (Hg)-Total** | **mg/L** | 0.00002 | | | 0.00002 | | | <0.0000019 | <0.0000019 |
| **Molybdenum (Mo)-Total** | **mg/L** | 7.6 | 46 | | | | | 0.000382 | 0.00035 |
| **Nickel (Ni)-Total** | **mg/L** | | | | | | 0.0083 | 0.00038 | 0.00034 |
| **Phosphorus (P)-Total (ICPMS)** | **mg/L** | | | | | | | 0.0891 | 0.0574 |
| **Potassium (K)-Total** | **mg/L** | | | | | | | 0.65 | 0.62 |
| **Rubidium (Rb)-Total** | **mg/L** | | | | | | | 0.00177 | 0.00175 |
| **Selenium (Se)-Total** | **mg/L** | 0.002 | | | 0.002 | | | <0.00004 | <0.00004 |
| **Silicon (Si)-Total** | **mg/L** | | | | | | | 3.28 | 2.89 |
| **Silver (Ag)-Total** | **mg/L** | 0.00012 | | | 0.0005 | 0.0037 | 0.0005 | <0.00001 | <0.00001 |
| **Sodium (Na)-Total** | **mg/L** | | | | | | | 1.17 | 0.98 |
| **Strontium (Sr)-Total** | **mg/L** | | | | | | | 0.0237 | 0.02 |
| **Sulphur (S)-Total** | **mg/L** | | | | | | | <3 | <3 |
| **Tellurium (Te)-Total** | **mg/L** | | | | | | | <0.00002 | <0.00002 |
| **Thallium (Tl)-Total** | **mg/L** | | | 0.00003 | | | | 0.0000116 | 0.00001 |
| **Thorium (Th)-Total** | **mg/L** | | | | | | | <0.00005 | <0.00005 |
| **Tin (Sn)-Total** | **mg/L** | | | | | | | <0.0002 | <0.0002 |
| **Titanium (Ti)-Total** | **mg/L** | | | | | | | 0.0343 | 0.0388 |
| **Uranium (U)-Total** | **mg/L** | | 0.0165 | 0.0075 | | | | 0.000041 | 0.0000367 |
| **Vanadium (V)-Total** | **mg/L** | | | 0.06 | | | 0.005 | 0.00199 | 0.00185 |
| **Zinc (Zn)-Total** | **mg/L** | | | | 0.01 | 0.055 | | 0.0027 | 0.0026 |
| **Zirconium (Zr)-Total** | **mg/L** | | | | | | | 0.00028 | 0.00021 |

| *Analyte* | Unit | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1,2] | BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1,2] | BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2] | **SQU US 2025-07-15 14:00:00** [3] | **SQU DS 2025-07-15 14:20:00** [3] |
|---|---|---|---|---|---|---|---|---|---|
| **Dissolved Metals** | | | | | | | | | |
| **Aluminum (Al)-Dissolved** | **mg/L** | | | | | | | 0.0399 | 0.045 |
| **Antimony (Sb)-Dissolved** | **mg/L** | | | | | | | <0.00002 | <0.00002 |
| **Arsenic (As)-Dissolved** | **mg/L** | | | | | | | 0.000091 | 0.000095 |
| **Barium (Ba)-Dissolved** | **mg/L** | | | | | | | 0.00347 | 0.00388 |
| **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** | 0.000039 | 0.000054 | | | | | <0.000005 | <0.000005 |
| **Calcium (Ca)-Dissolved** | **mg/L** | | | | | | | 3.23 | 2.88 |
| **Cesium (Cs)-Dissolved** | **mg/L** | | | | | | | <0.00005 | <0.00005 |
| **Chromium (Cr)-Dissolved** | **mg/L** | | | | | | | <0.0001 | <0.0001 |
| **Cobalt (Co)-Dissolved** | **mg/L** | | | | | | | 0.0000292 | 0.0000287 |
| **Copper (Cu)-Dissolved** | **mg/L** | 0.0002 | 0.0002 | | | | | **0.000363** | **0.000389** |
| **Iron (Fe)-Dissolved** | **mg/L** | | 0.35 | | | | | 0.0251 | 0.0279 |
| **Lead (Pb)-Dissolved** | **mg/L** | 0.000884 | | | | | | 0.0000089 | 0.0000094 |
| **Lithium (Li)-Dissolved** | **mg/L** | | | | | | | 0.00058 | 0.00053 |
| **Manganese (Mn)-Dissolved** | **mg/L** | | | | | | | 0.00521 | 0.00497 |
| **Magnesium (Mg)-Dissolved** | **mg/L** | | | | | | | 0.335 | 0.302 |
| **Mercury (Hg)-Dissolved** | **mg/L** | | | | | | | 0.0000022 | <0.0000019 |
| **Molybdenum (Mo)-Dissolved** | **mg/L** | | | | | | | 0.000385 | 0.000349 |
| **Nickel (Ni)-Dissolved** | **mg/L** | 0.0005 | 0.0089 | | | | | 0.000069 | 0.000061 |
| **Phosphorus (P)-Dissolved** | **mg/L** | | | | | | | 0.0052 | 0.007 |
| **Potassium (K)-Dissolved** | **mg/L** | | | | | | | 0.425 | 0.429 |
| **Rubidium (Rb)-Dissolved** | **mg/L** | | | | | | | 0.000628 | 0.000658 |
| **Selenium (Se)-Dissolved** | **mg/L** | | | | | | | <0.00004 | <0.00004 |
| **Silicon (Si)-Dissolved** | **mg/L** | | | | | | | 2.46 | 2.01 |
| **Silver (Ag)-Dissolved** | **mg/L** | | | | | | | <0.000005 | <0.000005 |
| **Sodium (Na)-Dissolved** | **mg/L** | | | | | | | 1.02 | 0.892 |
| **Strontium (Sr)-Dissolved** | **mg/L** | | | 1.25 | | | | 0.0192 | 0.0169 |
| **Sulphur (S)-Dissolved** | **mg/L** | | | | | | | <3 | <3 |
| **Tellurium (Te)-Dissolved** | **mg/L** | | | | | | | <0.00002 | <0.00002 |
| **Thallium (Tl)-Dissolved** | **mg/L** | | | | | | | <0.000002 | <0.000002 |
| **Thorium (Th)-Dissolved** | **mg/L** | | | | | | | 0.0000061 | 0.0000063 |
| **Tin (Sn)-Dissolved** | **mg/L** | | | | | | | <0.0002 | <0.0002 |
| **Titanium (Ti)-Dissolved** | **mg/L** | | | | | | | 0.00121 | 0.00164 |
| **Uranium (U)-Dissolved** | **mg/L** | | | | | | | 0.0000143 | 0.0000141 |
| **Vanadium (V)-Dissolved** | **mg/L** | | | | | | | 0.00078 | 0.00072 |
| **Zinc (Zn)-Dissolved** | **mg/L** | 0.001527 | 0.006378 | | | | | <0.0001 | 0.00018 |
| **Zirconium (Zr)-Dissolved** | **mg/L** | | | | | | | <0.0001 | <0.0001 |

| *Analyte* | Unit | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2] | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] [2] | BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1] [2] | BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2] | **SQU US 2025-07-15 14:00:00** [3] | **SQU DS 2025-07-15 14:20:00** [3] |
|---|---|---|---|---|---|---|---|---|---|
| **Inorganics** | | | | | | | | | |
| **Organic Carbon (C)-Total** | **mg/L** | | | | | | | 0.85 | <0.5 |
| **Organic Carbon (C)-Dissolved** | **mg/L** | | | | | | | <0.5 | <0.5 |
| **Solids-Total Dissolved** | **mg/L** | | | | | | | 40 | 44 |
| **Solids-Total Suspended** | **mg/L** | 135 | 155 | | | | | 130 | 100 |

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, Dissolved Organic Carbon (DOC), Total Alkalinity ($CaCO_3$), and Chloride).
[2] 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.
[3] **Bold text** denotes value exceeding guidelines, except in cases where they are below a station-specific guideline that isn't displayed as per [1] and [2] above. Note: Not all exceedances are project related.

# BCR Site Receiving Environment Field Notes and Logs

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-14 00:00:00 | 13.10 | 24.23 | 0.35 | 7.10 | 9.64 | 139.94 |
| SQU-DS | 2025-07-14 00:15:00 | 13.04 | 24.11 | 0.35 | 7.04 | 9.65 | 172.69 |
| SQU-DS | 2025-07-14 00:30:00 | 12.98 | 23.76 | 0.35 | 7.10 | 9.66 | 122.25 |
| SQU-DS | 2025-07-14 00:45:00 | 12.93 | 23.83 | 0.35 | 7.09 | 9.65 | 161.27 |
| SQU-DS | 2025-07-14 01:00:00 | 12.86 | 23.81 | 0.35 | 7.06 | 9.69 | 178.23 |
| SQU-DS | 2025-07-14 01:15:00 | 12.80 | 23.79 | 0.35 | 7.09 | 9.70 | 184.29 |
| SQU-DS | 2025-07-14 01:30:00 | 12.74 | 23.75 | 0.35 | 7.10 | 9.70 | 159.42 |
| SQU-DS | 2025-07-14 01:45:00 | 12.68 | 23.57 | 0.35 | 7.05 | 9.70 | 165.33 |
| SQU-DS | 2025-07-14 02:00:00 | 12.63 | 23.34 | 0.35 | 7.07 | 9.71 | 217.99 |
| SQU-DS | 2025-07-14 02:15:00 | 12.58 | 22.80 | 0.35 | 7.08 | 9.72 | 157.64 |
| SQU-DS | 2025-07-14 02:30:00 | 12.52 | 22.75 | 0.36 | 7.09 | 9.75 | 169.63 |
| SQU-DS | 2025-07-14 02:45:00 | 12.46 | 22.53 | 0.36 | 6.96 | 9.76 | 229.00 |
| SQU-DS | 2025-07-14 03:00:00 | 12.40 | 22.62 | 0.36 | 7.07 | 9.75 | 186.08 |
| SQU-DS | 2025-07-14 03:15:00 | 12.33 | 22.13 | 0.36 | 7.04 | 9.79 | 191.54 |
| SQU-DS | 2025-07-14 03:30:00 | 12.26 | 21.75 | 0.36 | 7.08 | 9.80 | 183.64 |
| SQU-DS | 2025-07-14 03:45:00 | 12.18 | 21.71 | 0.36 | 7.04 | 9.81 | 159.31 |
| SQU-DS | 2025-07-14 04:00:00 | 12.11 | 21.40 | 0.36 | 7.07 | 9.82 | 206.29 |
| SQU-DS | 2025-07-14 04:15:00 | 12.04 | 21.45 | 0.37 | 7.02 | 9.84 | 242.48 |
| SQU-DS | 2025-07-14 04:30:00 | 11.99 | 21.62 | 0.36 | 7.05 | 9.85 | 236.96 |
| SQU-DS | 2025-07-14 04:45:00 | 11.94 | 21.01 | 0.37 | 7.05 | 9.87 | 222.70 |
| SQU-DS | 2025-07-14 05:00:00 | 11.90 | 20.87 | 0.37 | 7.01 | 9.87 | 252.12 |
| SQU-DS | 2025-07-14 05:15:00 | 11.86 | 20.87 | 0.37 | 7.04 | 9.88 | 246.14 |
| SQU-DS | 2025-07-14 05:30:00 | 11.84 | 20.67 | 0.37 | 7.04 | 9.88 | 378.09 |
| SQU-DS | 2025-07-14 05:45:00 | 11.80 | 20.57 | 0.37 | 6.95 | 9.89 | 778.10 |
| SQU-DS | 2025-07-14 06:00:00 | 11.77 | 20.56 | 0.37 | 7.01 | 9.90 | 741.94 |
| SQU-DS | 2025-07-14 06:15:00 | 11.75 | 20.31 | 0.37 | 6.96 | 9.90 | 892.03 |
| SQU-DS | 2025-07-14 06:30:00 | 11.72 | 20.19 | 0.37 | 6.91 | 9.91 | 2323.37 |
| SQU-DS | 2025-07-14 06:45:00 | 11.70 | 20.21 | 0.37 | 6.90 | 9.91 | 4805.77 |
| SQU-DS | 2025-07-14 07:00:00 | 11.69 | 20.08 | 0.37 | 6.87 | 9.93 | 2761.49 |
| SQU-DS | 2025-07-14 07:15:00 | 11.67 | 20.18 | 0.38 | 6.77 | 9.95 | 2495.09 |
| SQU-DS | 2025-07-14 07:30:00 | 11.66 | 20.08 | 0.37 | 6.85 | 9.94 | 2967.92 |
| SQU-DS | 2025-07-14 07:45:00 | 11.65 | 20.21 | 0.37 | 6.86 | 9.96 | 3151.02 |
| SQU-DS | 2025-07-14 08:00:00 | 11.64 | 20.40 | 0.37 | 6.85 | 9.96 | 3185.59 |
| SQU-DS | 2025-07-14 08:15:00 | 11.65 | 20.10 | 0.37 | 6.85 | 9.97 | 3145.26 |
| SQU-DS | 2025-07-14 08:30:00 | 11.65 | 20.37 | 0.37 | 6.82 | 9.98 | 3065.91 |
| SQU-DS | 2025-07-14 08:45:00 | 11.66 | 20.65 | 0.37 | 6.80 | 9.99 | 2943.99 |
| SQU-DS | 2025-07-14 09:00:00 | 11.65 | 19.92 | 0.37 | 6.79 | 10.00 | 2773.82 |
| SQU-DS | 2025-07-14 09:15:00 | 11.66 | 20.24 | 0.37 | 6.80 | 10.01 | 2652.97 |
| SQU-DS | 2025-07-14 09:30:00 | 11.68 | 20.35 | 0.37 | 6.78 | 10.01 | 2618.34 |
| SQU-DS | 2025-07-14 09:45:00 | 11.69 | 20.40 | 0.36 | 6.81 | 10.03 | 2619.04 |
| SQU-DS | 2025-07-14 10:00:00 | 11.70 | 20.27 | 0.36 | 6.82 | 10.03 | 2611.09 |
| SQU-DS | 2025-07-14 10:15:00 | 11.70 | 20.20 | 0.36 | 6.83 | 10.04 | 2586.18 |
| SQU-DS | 2025-07-14 10:30:00 | 11.72 | 20.48 | 0.36 | 6.87 | 10.05 | 2597.86 |
| SQU-DS | 2025-07-14 10:45:00 | 11.74 | 20.64 | 0.36 | 6.88 | 10.07 | 2604.35 |
| SQU-DS | 2025-07-14 11:00:00 | 11.78 | 20.63 | 0.36 | 6.85 | 10.07 | 2596.20 |
| SQU-DS | 2025-07-14 11:15:00 | 11.84 | 20.72 | 0.37 | 6.82 | 10.08 | 2589.55 |
| SQU-DS | 2025-07-14 11:30:00 | 11.91 | 21.27 | 0.37 | 6.77 | 10.07 | 2581.25 |
| SQU-DS | 2025-07-14 11:45:00 | 11.97 | 21.20 | 0.37 | 6.73 | 10.09 | 2579.08 |
| SQU-DS | 2025-07-14 12:00:00 | 12.00 | 21.25 | 0.37 | 6.69 | 10.09 | 2580.68 |
| SQU-DS | 2025-07-14 12:15:00 | 12.06 | 21.24 | 0.37 | 6.62 | 10.09 | 2567.14 |
| SQU-DS | 2025-07-14 12:30:00 | 12.13 | 21.34 | 0.37 | 6.57 | 10.09 | 2566.93 |
| SQU-DS | 2025-07-14 12:45:00 | 12.20 | 21.39 | 0.37 | 6.55 | 10.08 | 2564.52 |
| SQU-DS | 2025-07-14 13:00:00 | 12.18 | 21.55 | 0.37 | 6.55 | 10.07 | 2565.63 |
| SQU-DS | 2025-07-14 13:15:00 | 12.12 | 21.43 | 0.37 | 6.52 | 10.08 | 2560.75 |
| SQU-DS | 2025-07-14 13:30:00 | 12.12 | 21.51 | 0.37 | 6.51 | 10.08 | 2556.04 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-14 13:45:00 | 12.16 | 21.45 | 0.37 | 6.50 | 10.07 | 2541.60 |
| SQU-DS | 2025-07-14 14:00:00 | 12.28 | 21.53 | 0.37 | 6.50 | 10.07 | 2540.23 |
| SQU-DS | 2025-07-14 14:15:00 | 12.37 | 21.69 | 0.37 | 6.48 | 10.06 | 2534.97 |
| SQU-DS | 2025-07-14 14:30:00 | 12.46 | 21.69 | 0.37 | 6.47 | 10.06 | 2531.90 |
| SQU-DS | 2025-07-14 14:45:00 | 12.53 | 21.94 | 0.37 | 6.46 | 10.05 | 2530.37 |
| SQU-DS | 2025-07-14 15:00:00 | 12.59 | 22.13 | 0.37 | 6.46 | 10.04 | 2529.33 |
| SQU-DS | 2025-07-14 15:15:00 | 12.64 | 21.89 | 0.37 | 6.45 | 10.02 | 2526.16 |
| SQU-DS | 2025-07-14 15:30:00 | 12.70 | 21.97 | 0.37 | 6.44 | 10.03 | 2525.42 |
| SQU-DS | 2025-07-14 15:45:00 | 12.79 | 22.27 | 0.37 | 6.43 | 10.01 | 2521.86 |
| SQU-DS | 2025-07-14 16:00:00 | 12.88 | 22.43 | 0.37 | 6.42 | 9.98 | 2515.48 |
| SQU-DS | 2025-07-14 16:15:00 | 12.96 | 22.30 | 0.37 | 6.41 | 9.96 | 2509.38 |
| SQU-DS | 2025-07-14 16:30:00 | 13.04 | 22.89 | 0.37 | 6.40 | 9.95 | 2506.67 |
| SQU-DS | 2025-07-14 16:45:00 | 13.10 | 22.58 | 0.37 | 6.40 | 9.92 | 2504.40 |
| SQU-DS | 2025-07-14 17:00:00 | 13.16 | 22.70 | 0.37 | 6.39 | 9.90 | 2512.56 |
| SQU-DS | 2025-07-14 17:15:00 | 13.23 | 22.94 | 0.37 | 6.39 | 9.86 | 2510.51 |
| SQU-DS | 2025-07-14 17:30:00 | 13.26 | 22.99 | 0.37 | 6.38 | 9.84 | 2507.14 |
| SQU-DS | 2025-07-14 17:45:00 | 13.31 | 23.19 | 0.37 | 6.37 | 9.80 | 2506.72 |
| SQU-DS | 2025-07-14 18:00:00 | 13.34 | 23.36 | 0.37 | 6.36 | 9.79 | 2504.90 |
| SQU-DS | 2025-07-14 18:15:00 | 13.31 | 23.52 | 0.37 | 6.36 | 9.77 | 2503.70 |
| SQU-DS | 2025-07-14 18:30:00 | 13.25 | 23.38 | 0.37 | 6.35 | 9.74 | 2502.54 |
| SQU-DS | 2025-07-14 18:45:00 | 13.22 | 24.17 | 0.37 | 6.34 | 9.73 | 2501.47 |
| SQU-DS | 2025-07-14 19:00:00 | 13.23 | 24.76 | 0.37 | 6.33 | 9.70 | 2500.21 |
| SQU-DS | 2025-07-14 19:15:00 | 13.22 | 24.79 | 0.36 | 6.32 | 9.59 | 2497.61 |
| SQU-DS | 2025-07-14 19:30:00 | 13.21 | 24.81 | 0.36 | 6.33 | 9.57 | 2497.76 |
| SQU-DS | 2025-07-14 19:45:00 | 13.21 | 24.41 | 0.36 | 6.33 | 9.50 | 2495.14 |
| SQU-DS | 2025-07-14 20:00:00 | 13.21 | 24.13 | 0.36 | 6.33 | 9.38 | 2487.99 |
| SQU-DS | 2025-07-14 20:15:00 | 13.23 | 24.14 | 0.36 | 6.33 | 9.08 | 2488.68 |
| SQU-DS | 2025-07-14 20:30:00 | 13.22 | 23.77 | 0.36 | 6.34 | 8.88 | 2489.97 |
| SQU-DS | 2025-07-14 20:45:00 | 13.17 | 23.33 | 0.36 | 6.34 | 8.72 | 2424.51 |
| SQU-DS | 2025-07-14 21:00:00 | | 22.16 | | 6.34 | 8.38 | |
| SQU-DS | 2025-07-14 21:15:00 | 13.03 | 22.25 | 0.37 | 6.36 | 8.40 | 2381.39 |
| SQU-DS | 2025-07-14 21:30:00 | 12.96 | 22.13 | 0.37 | 6.39 | 8.05 | 2295.41 |
| SQU-DS | 2025-07-14 21:45:00 | 12.92 | 22.75 | 0.37 | 6.40 | 9.23 | 2281.15 |
| SQU-DS | 2025-07-14 22:00:00 | 12.90 | 24.04 | 0.37 | 6.37 | 9.75 | 2263.68 |
| SQU-DS | 2025-07-14 22:15:00 | 12.89 | 23.68 | 0.36 | 6.38 | 9.75 | 2221.20 |
| SQU-DS | 2025-07-14 22:30:00 | 12.87 | 23.62 | 0.36 | 7.10 | 9.75 | 1717.91 |
| SQU-DS | 2025-07-14 22:45:00 | 12.82 | 23.74 | 0.36 | 7.10 | 9.74 | 3717.74 |
| SQU-DS | 2025-07-14 23:00:00 | 12.79 | 23.67 | 0.36 | 7.12 | 9.75 | 2951.82 |
| SQU-DS | 2025-07-14 23:15:00 | 12.74 | 23.49 | 0.36 | 7.12 | 9.75 | 2509.50 |
| SQU-DS | 2025-07-14 23:30:00 | 12.70 | 23.43 | 0.36 | 7.12 | 9.78 | 2466.88 |
| SQU-DS | 2025-07-14 23:45:00 | 12.63 | 23.28 | 0.36 | 7.12 | 9.78 | 2263.83 |
| SQU-DS | 2025-07-15 00:00:00 | 12.56 | 23.41 | 0.36 | 7.11 | 9.78 | 2210.94 |
| SQU-DS | 2025-07-15 00:15:00 | 12.49 | 23.24 | 0.36 | 7.10 | 9.79 | 2240.05 |
| SQU-DS | 2025-07-15 00:30:00 | 12.42 | 23.27 | 0.36 | 7.11 | 9.79 | 2244.90 |
| SQU-DS | 2025-07-15 00:45:00 | 12.36 | 23.09 | 0.36 | 7.11 | 9.82 | 2239.81 |
| SQU-DS | 2025-07-15 01:00:00 | 12.28 | 22.88 | 0.36 | 7.11 | 9.82 | 2283.34 |
| SQU-DS | 2025-07-15 01:15:00 | 12.22 | 23.11 | 0.36 | 7.11 | 9.83 | 2291.40 |
| SQU-DS | 2025-07-15 01:30:00 | 12.15 | 23.15 | 0.36 | 7.09 | 9.84 | 2318.08 |
| SQU-DS | 2025-07-15 01:45:00 | 12.08 | 22.93 | 0.36 | 7.08 | 9.86 | 2315.88 |
| SQU-DS | 2025-07-15 02:00:00 | 12.02 | 22.97 | 0.36 | 7.07 | 9.88 | 2215.92 |
| SQU-DS | 2025-07-15 02:15:00 | 11.96 | 22.93 | 0.35 | 7.06 | 9.89 | 2137.27 |
| SQU-DS | 2025-07-15 02:30:00 | 11.90 | 22.76 | 0.35 | 7.07 | 9.90 | 2070.70 |
| SQU-DS | 2025-07-15 02:45:00 | 11.85 | 22.99 | 0.35 | 7.07 | 9.90 | 2045.09 |
| SQU-DS | 2025-07-15 03:00:00 | 11.79 | 23.21 | 0.36 | 7.04 | 9.91 | 2044.87 |
| SQU-DS | 2025-07-15 03:15:00 | 11.74 | 22.92 | 0.35 | 7.07 | 9.93 | 2011.72 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-15 03:30:00 | 11.70 | 22.68 | 0.36 | 7.08 | 9.93 | 1927.94 |
| SQU-DS | 2025-07-15 03:45:00 | 11.65 | 22.64 | 0.36 | 7.04 | 9.95 | 2163.95 |
| SQU-DS | 2025-07-15 04:00:00 | 11.61 | 22.53 | 0.36 | 7.03 | 9.96 | 2005.88 |
| SQU-DS | 2025-07-15 04:15:00 | 11.56 | 22.37 | 0.36 | 7.05 | 9.96 | 2124.13 |
| SQU-DS | 2025-07-15 04:30:00 | 11.51 | 22.21 | 0.36 | 7.06 | 9.99 | 2098.52 |
| SQU-DS | 2025-07-15 04:45:00 | 11.46 | 22.19 | 0.36 | 7.05 | 9.98 | 1942.08 |
| SQU-DS | 2025-07-15 05:00:00 | 11.42 | 21.91 | 0.36 | 7.06 | 10.00 | 1819.25 |
| SQU-DS | 2025-07-15 05:15:00 | 11.38 | 21.70 | 0.36 | 7.07 | 10.00 | 1850.07 |
| SQU-DS | 2025-07-15 05:30:00 | 11.33 | 21.74 | 0.36 | 7.05 | 10.01 | 1843.60 |
| SQU-DS | 2025-07-15 05:45:00 | 11.30 | 21.59 | 0.36 | 7.06 | 10.03 | 1664.78 |
| SQU-DS | 2025-07-15 06:00:00 | 11.26 | 21.62 | 0.36 | 7.04 | 10.02 | 1665.68 |
| SQU-DS | 2025-07-15 06:15:00 | 11.21 | 22.30 | 0.37 | 7.04 | 10.04 | 1641.62 |
| SQU-DS | 2025-07-15 06:30:00 | 11.20 | 21.91 | 0.37 | 7.05 | 10.06 | 1642.56 |
| SQU-DS | 2025-07-15 06:45:00 | 11.17 | 21.88 | 0.36 | 7.06 | 10.06 | 1630.88 |
| SQU-DS | 2025-07-15 07:00:00 | 11.17 | 21.83 | 0.37 | 7.02 | 10.07 | 1620.24 |
| SQU-DS | 2025-07-15 07:15:00 | 11.15 | 21.79 | 0.37 | 7.02 | 10.08 | 1703.53 |
| SQU-DS | 2025-07-15 07:30:00 | 11.14 | 21.58 | 0.37 | 7.03 | 10.07 | 1640.91 |
| SQU-DS | 2025-07-15 07:45:00 | 11.13 | 21.44 | 0.37 | 7.04 | 10.08 | 1606.97 |
| SQU-DS | 2025-07-15 08:00:00 | 11.12 | 21.48 | 0.36 | 7.08 | 10.10 | 1602.52 |
| SQU-DS | 2025-07-15 08:15:00 | 11.14 | 21.23 | 0.36 | 7.06 | 10.11 | 1592.60 |
| SQU-DS | 2025-07-15 08:30:00 | 11.13 | 21.47 | 0.36 | 7.06 | 10.11 | 1573.41 |
| SQU-DS | 2025-07-15 08:45:00 | 11.14 | 21.43 | 0.36 | 7.06 | 10.12 | 1568.38 |
| SQU-DS | 2025-07-15 09:00:00 | 11.14 | 21.52 | 0.36 | 7.04 | 10.13 | 1559.49 |
| SQU-DS | 2025-07-15 09:15:00 | 11.16 | 21.65 | 0.36 | 7.03 | 10.13 | 1553.23 |
| SQU-DS | 2025-07-15 09:30:00 | 11.18 | 21.51 | 0.36 | 7.03 | 10.14 | 1543.44 |
| SQU-DS | 2025-07-15 09:45:00 | 11.20 | 21.73 | 0.36 | 7.00 | 10.16 | 1559.35 |
| SQU-DS | 2025-07-15 10:00:00 | 11.23 | 21.75 | 0.36 | 6.99 | 10.15 | 1529.25 |
| SQU-DS | 2025-07-15 10:15:00 | 11.25 | 21.86 | 0.36 | 6.93 | 10.16 | 1519.63 |
| SQU-DS | 2025-07-15 10:30:00 | 11.28 | 21.95 | 0.36 | 6.97 | 10.17 | 1367.21 |
| SQU-DS | 2025-07-15 10:45:00 | 11.31 | 21.87 | 0.36 | 6.96 | 10.17 | 1359.11 |
| SQU-DS | 2025-07-15 11:00:00 | 11.35 | 21.99 | 0.36 | 6.85 | 10.17 | 1345.07 |
| SQU-DS | 2025-07-15 11:15:00 | 11.38 | 21.87 | 0.35 | 6.92 | 10.18 | 1214.65 |
| SQU-DS | 2025-07-15 11:30:00 | 11.43 | 22.06 | 0.35 | 6.84 | 10.18 | 1198.30 |
| SQU-DS | 2025-07-15 11:45:00 | 11.49 | 22.06 | 0.35 | 6.82 | 10.18 | 1201.69 |
| SQU-DS | 2025-07-15 12:00:00 | 11.55 | 22.38 | 0.35 | 6.81 | 10.19 | 1222.99 |
| SQU-DS | 2025-07-15 12:15:00 | 11.62 | 22.47 | 0.35 | 6.79 | 10.19 | 1411.17 |
| SQU-DS | 2025-07-15 12:30:00 | 11.68 | 22.49 | 0.35 | 6.81 | 10.18 | 1122.87 |
| SQU-DS | 2025-07-15 12:45:00 | 11.75 | 22.53 | 0.35 | 6.79 | 10.18 | 1118.03 |
| SQU-DS | 2025-07-15 13:00:00 | 11.81 | 22.74 | 0.35 | 6.78 | 10.18 | 1131.53 |
| SQU-DS | 2025-07-15 13:15:00 | 11.89 | 22.97 | 0.35 | 6.80 | 10.17 | 1117.42 |
| SQU-DS | 2025-07-15 13:30:00 | 11.95 | 22.96 | 0.35 | 6.76 | 10.17 | 1065.01 |
| SQU-DS | 2025-07-15 13:45:00 | 12.02 | 23.27 | 0.35 | 6.75 | 10.16 | 1077.57 |
| SQU-DS | 2025-07-15 14:00:00 | 12.09 | 23.26 | 0.35 | 6.76 | 10.14 | 1076.09 |
| SQU-DS | 2025-07-15 14:15:00 | 12.16 | 23.29 | 0.34 | 6.80 | 10.14 | 1088.21 |
| SQU-DS | 2025-07-15 14:30:00 | 12.24 | 23.28 | 0.35 | 6.75 | 10.14 | 1136.52 |
| SQU-DS | 2025-07-15 14:45:00 | 12.32 | 23.42 | 0.35 | 6.77 | 10.12 | 1041.52 |
| SQU-DS | 2025-07-15 15:00:00 | 12.39 | 23.48 | 0.35 | 6.74 | 10.11 | 1031.13 |
| SQU-DS | 2025-07-15 15:15:00 | 12.47 | 23.69 | 0.35 | 6.67 | 10.10 | 986.70 |
| SQU-DS | 2025-07-15 15:30:00 | 12.54 | 23.60 | 0.35 | 6.76 | 10.09 | 991.42 |
| SQU-DS | 2025-07-15 15:45:00 | 12.62 | 23.97 | 0.35 | 6.74 | 10.06 | 990.36 |
| SQU-DS | 2025-07-15 16:00:00 | 12.68 | 23.89 | 0.35 | 6.77 | 10.04 | 996.01 |
| SQU-DS | 2025-07-15 16:15:00 | 12.74 | 23.81 | 0.35 | 6.73 | 10.04 | 994.33 |
| SQU-DS | 2025-07-15 16:30:00 | 12.80 | 23.76 | 0.35 | 6.72 | 10.02 | 990.22 |
| SQU-DS | 2025-07-15 16:45:00 | 12.86 | 24.19 | 0.35 | 6.73 | 9.99 | 980.14 |
| SQU-DS | 2025-07-15 17:00:00 | 12.91 | 24.25 | 0.35 | 6.68 | 9.97 | 987.74 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-15 17:15:00 | 12.97 | 24.19 | 0.36 | 6.62 | 9.96 | 994.18 |
| SQU-DS | 2025-07-15 17:30:00 | 13.02 | 24.28 | 0.36 | 6.62 | 9.94 | 991.81 |
| SQU-DS | 2025-07-15 17:45:00 | 13.07 | 24.36 | 0.36 | 6.64 | 9.93 | 986.18 |
| SQU-DS | 2025-07-15 18:00:00 | 13.11 | 24.71 | 0.36 | 6.66 | 9.89 | 986.37 |
| SQU-DS | 2025-07-15 18:15:00 | 13.13 | 24.57 | 0.36 | 6.64 | 9.87 | 986.80 |
| SQU-DS | 2025-07-15 18:30:00 | 13.16 | 24.74 | 0.36 | 6.64 | 9.85 | 945.00 |
| SQU-DS | 2025-07-15 18:45:00 | 13.17 | 24.77 | 0.36 | 6.65 | 9.83 | 950.47 |
| SQU-DS | 2025-07-15 19:00:00 | 13.19 | 24.58 | 0.36 | 6.64 | 9.81 | 976.65 |
| SQU-DS | 2025-07-15 19:15:00 | 13.21 | 25.03 | 0.36 | 6.62 | 9.79 | 964.19 |
| SQU-DS | 2025-07-15 19:30:00 | 13.21 | 24.93 | 0.36 | 6.60 | 9.78 | 965.16 |
| SQU-DS | 2025-07-15 19:45:00 | 13.20 | 25.00 | 0.36 | 6.57 | 9.76 | 965.17 |
| SQU-DS | 2025-07-15 20:00:00 | 13.18 | 24.85 | 0.36 | 6.53 | 9.76 | 970.67 |
| SQU-DS | 2025-07-15 20:15:00 | 13.16 | 24.99 | 0.36 | 6.53 | 9.74 | 951.41 |
| SQU-DS | 2025-07-15 20:30:00 | 13.15 | 24.62 | 0.36 | 6.47 | 9.73 | 989.53 |
| SQU-DS | 2025-07-15 20:45:00 | 13.14 | 24.83 | 0.36 | 6.43 | 9.72 | 991.71 |
| SQU-DS | 2025-07-15 21:00:00 | 13.13 | 24.83 | 0.36 | 6.38 | 9.72 | 992.08 |
| SQU-DS | 2025-07-15 21:15:00 | 13.13 | 24.67 | 0.37 | 6.31 | 9.70 | 991.47 |
| SQU-DS | 2025-07-15 21:30:00 | 13.12 | 24.82 | 0.37 | 6.29 | 9.70 | 997.16 |
| SQU-DS | 2025-07-15 21:45:00 | 13.10 | 25.90 | 0.38 | 6.43 | 9.70 | 1032.86 |
| SQU-DS | 2025-07-15 22:00:00 | 13.08 | 26.78 | 0.38 | 6.41 | 9.69 | 1067.56 |
| SQU-DS | 2025-07-15 22:15:00 | 13.05 | 26.31 | 0.37 | 6.44 | 9.67 | 1031.10 |
| SQU-DS | 2025-07-15 22:30:00 | 13.03 | 26.81 | 0.37 | 6.45 | 9.68 | 1009.34 |
| SQU-DS | 2025-07-15 22:45:00 | 12.99 | 26.89 | 0.37 | 6.47 | 9.68 | 960.41 |
| SQU-DS | 2025-07-15 23:00:00 | 12.95 | 26.94 | 0.37 | 6.48 | 9.67 | 955.47 |
| SQU-DS | 2025-07-15 23:15:00 | 12.90 | 27.25 | 0.37 | 6.49 | 9.67 | 951.59 |
| SQU-DS | 2025-07-15 23:30:00 | 12.86 | 27.57 | 0.37 | 6.48 | 9.68 | 958.31 |
| SQU-DS | 2025-07-15 23:45:00 | 12.80 | 27.33 | 0.37 | 6.49 | 9.67 | 938.83 |
| SQU-DS | 2025-07-16 00:00:00 | 12.75 | 27.66 | 0.37 | 6.49 | 9.68 | 953.42 |
| SQU-DS | 2025-07-16 00:15:00 | 12.69 | 27.27 | 0.37 | 6.48 | 9.70 | 932.09 |
| SQU-DS | 2025-07-16 00:30:00 | 12.62 | 27.63 | 0.37 | 6.49 | 9.70 | 904.36 |
| SQU-DS | 2025-07-16 00:45:00 | 12.57 | 27.89 | 0.37 | 6.49 | 9.71 | 953.78 |
| SQU-DS | 2025-07-16 01:00:00 | 12.50 | 27.62 | 0.37 | 6.48 | 9.71 | 972.60 |
| SQU-DS | 2025-07-16 01:15:00 | 12.43 | 27.50 | 0.38 | 6.46 | 9.72 | 969.41 |
| SQU-DS | 2025-07-16 01:30:00 | 12.37 | 27.21 | 0.38 | 6.45 | 9.73 | 982.45 |
| SQU-DS | 2025-07-16 01:45:00 | 12.30 | 26.95 | 0.38 | 6.44 | 9.75 | 881.38 |
| SQU-DS | 2025-07-16 02:00:00 | 12.23 | 26.94 | 0.38 | 6.41 | 9.76 | 874.34 |
| SQU-DS | 2025-07-16 02:15:00 | 12.17 | 26.73 | 0.38 | 6.41 | 9.77 | 849.22 |
| SQU-DS | 2025-07-16 02:30:00 | 12.10 | 26.52 | 0.38 | 6.41 | 9.78 | 933.16 |
| SQU-DS | 2025-07-16 02:45:00 | 12.03 | 26.23 | 0.38 | 6.38 | 9.80 | 931.88 |
| SQU-DS | 2025-07-16 03:00:00 | 11.97 | 26.12 | 0.38 | 6.38 | 9.80 | 931.02 |
| SQU-DS | 2025-07-16 03:15:00 | 11.90 | 28.69 | 0.38 | 6.37 | 9.84 | 932.71 |
| SQU-DS | 2025-07-16 03:30:00 | 11.85 | 24.50 | 0.38 | 6.38 | 9.84 | 932.69 |
| SQU-DS | 2025-07-16 03:45:00 | 11.79 | 25.70 | 0.38 | 6.38 | 9.86 | 921.78 |
| SQU-DS | 2025-07-16 04:00:00 | 11.74 | 25.36 | 0.38 | 6.37 | 9.88 | 936.00 |
| SQU-DS | 2025-07-16 04:15:00 | 11.69 | 25.41 | 0.38 | 6.37 | 9.88 | 937.23 |
| SQU-DS | 2025-07-16 04:30:00 | 11.64 | 25.33 | 0.38 | 6.39 | 9.89 | 937.64 |
| SQU-DS | 2025-07-16 04:45:00 | 11.61 | 25.16 | 0.38 | 6.38 | 9.91 | 937.44 |
| SQU-DS | 2025-07-16 05:00:00 | 11.58 | 24.86 | 0.38 | 6.39 | 9.91 | 936.84 |
| SQU-DS | 2025-07-16 05:15:00 | 11.53 | 25.06 | 0.38 | 6.41 | 9.92 | 936.51 |
| SQU-DS | 2025-07-16 05:30:00 | 11.50 | 24.92 | 0.38 | 6.40 | 9.92 | 936.40 |
| SQU-DS | 2025-07-16 05:45:00 | 11.47 | 24.81 | 0.38 | 6.42 | 9.93 | 937.01 |
| SQU-DS | 2025-07-16 06:00:00 | 11.45 | 24.74 | 0.38 | 6.41 | 9.94 | 936.65 |
| SQU-DS | 2025-07-16 06:15:00 | 11.44 | 24.83 | 0.38 | 6.42 | 9.94 | 805.95 |
| SQU-DS | 2025-07-16 06:30:00 | 11.42 | 24.72 | 0.38 | 6.43 | 9.95 | 789.18 |
| SQU-DS | 2025-07-16 06:45:00 | 11.40 | 24.98 | 0.38 | 6.43 | 9.97 | 841.88 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-16 07:00:00 | 11.40 | 23.72 | 0.38 | 6.44 | 9.95 | 963.66 |
| SQU-DS | 2025-07-16 07:15:00 | 11.40 | 23.91 | 0.38 | 6.44 | 9.95 | 963.62 |
| SQU-DS | 2025-07-16 07:30:00 | 11.39 | 23.74 | 0.38 | 6.45 | 9.95 | 963.51 |
| SQU-DS | 2025-07-16 07:45:00 | 11.41 | 23.76 | 0.38 | 6.45 | 9.96 | 962.13 |
| SQU-DS | 2025-07-16 08:00:00 | 11.41 | 23.80 | 0.38 | 6.45 | 9.96 | 962.61 |
| SQU-DS | 2025-07-16 08:15:00 | 11.43 | 24.96 | 0.38 | 6.45 | 9.96 | 961.20 |
| SQU-DS | 2025-07-16 08:30:00 | 11.43 | 27.31 | 0.38 | 6.45 | 9.95 | 960.29 |
| SQU-DS | 2025-07-16 08:45:00 | 11.45 | 38.60 | 0.38 | 6.46 | 9.94 | 961.28 |
| SQU-DS | 2025-07-16 09:00:00 | 11.47 | 38.48 | 0.38 | 6.46 | 9.96 | 957.43 |
| SQU-DS | 2025-07-16 09:15:00 | 11.50 | 39.34 | 0.38 | 6.45 | 9.94 | 961.39 |
| SQU-DS | 2025-07-16 09:30:00 | 11.52 | 41.45 | 0.38 | 6.45 | 9.97 | 961.92 |
| SQU-DS | 2025-07-16 09:45:00 | 11.56 | 39.43 | 0.38 | 6.45 | 9.92 | 962.02 |
| SQU-DS | 2025-07-16 10:00:00 | 11.60 | 31.23 | 0.38 | 6.44 | 9.91 | 961.66 |
| SQU-DS | 2025-07-16 10:15:00 | 11.65 | 24.38 | 0.38 | 6.45 | 9.88 | 960.94 |
| SQU-DS | 2025-07-16 10:30:00 | 11.70 | 24.28 | 0.38 | 6.44 | 9.91 | 960.01 |
| SQU-DS | 2025-07-16 10:45:00 | 11.74 | 24.43 | 0.38 | 6.43 | 9.88 | 958.80 |
| SQU-DS | 2025-07-16 11:00:00 | 11.79 | 24.69 | 0.38 | 6.43 | 9.88 | 952.21 |
| SQU-DS | 2025-07-16 11:15:00 | 11.85 | 24.78 | 0.37 | 6.43 | 9.77 | 951.83 |
| SQU-DS | 2025-07-16 11:30:00 | 11.90 | 24.97 | 0.38 | 6.41 | 9.86 | 950.57 |
| SQU-DS | 2025-07-16 11:45:00 | 11.96 | 24.74 | 0.37 | 6.40 | 9.75 | 949.17 |
| SQU-DS | 2025-07-16 12:00:00 | 12.03 | 24.94 | 0.37 | 6.40 | 9.65 | 946.84 |
| SQU-DS | 2025-07-16 12:15:00 | 12.10 | 25.32 | 0.37 | 6.39 | 9.73 | 945.38 |
| SQU-DS | 2025-07-16 12:30:00 | 12.17 | 24.08 | 0.37 | 6.37 | 9.76 | 937.86 |
| SQU-DS | 2025-07-16 12:45:00 | 12.23 | 24.21 | 0.36 | 6.37 | 9.49 | 937.73 |
| SQU-DS | 2025-07-16 13:00:00 | 12.30 | 24.29 | 0.36 | 6.35 | 9.72 | 937.34 |
| SQU-DS | 2025-07-16 13:15:00 | 12.36 | 24.22 | 0.36 | 6.35 | 9.65 | 936.21 |
| SQU-DS | 2025-07-16 13:30:00 | 12.41 | 23.82 | 0.36 | 6.33 | 9.70 | 935.64 |
| SQU-DS | 2025-07-16 13:45:00 | 12.47 | 24.15 | 0.35 | 6.32 | 9.74 | 934.90 |
| SQU-DS | 2025-07-16 14:00:00 | 12.53 | 24.06 | 0.35 | 6.31 | 9.56 | 934.35 |
| SQU-DS | 2025-07-16 14:15:00 | 12.60 | 24.65 | 0.35 | 6.31 | 9.52 | 933.80 |
| SQU-DS | 2025-07-16 14:30:00 | 12.68 | 24.35 | 0.34 | 6.29 | 9.55 | 932.89 |
| SQU-DS | 2025-07-16 14:45:00 | 12.75 | 24.96 | 0.34 | 6.29 | 9.40 | 931.85 |
| SQU-DS | 2025-07-16 15:00:00 | 12.82 | 24.94 | 0.33 | 6.28 | 9.40 | 930.75 |
| SQU-DS | 2025-07-16 15:15:00 | 12.93 | 24.59 | 0.33 | 6.28 | 9.52 | 929.74 |
| SQU-DS | 2025-07-16 15:30:00 | 13.01 | 25.28 | 0.33 | 6.26 | 9.55 | 928.05 |
| SQU-DS | 2025-07-16 15:45:00 | 13.08 | 25.83 | 0.32 | 6.25 | 9.52 | 927.03 |
| SQU-DS | 2025-07-16 16:00:00 | 13.15 | 26.22 | 0.31 | 6.25 | 9.18 | 925.93 |
| SQU-DS | 2025-07-16 16:15:00 | 13.19 | 26.70 | 0.31 | 6.23 | 9.25 | 925.12 |
| SQU-DS | 2025-07-16 16:30:00 | 13.26 | 26.63 | 0.30 | 6.23 | 9.07 | 924.69 |
| SQU-DS | 2025-07-16 16:45:00 | 13.32 | 26.61 | 0.29 | 6.22 | 9.15 | 923.97 |
| SQU-DS | 2025-07-16 17:00:00 | 13.38 | 26.87 | 0.28 | 6.22 | 9.02 | 922.83 |
| SQU-DS | 2025-07-16 17:15:00 | 13.43 | 27.16 | 0.27 | 6.22 | 9.06 | 922.02 |
| SQU-DS | 2025-07-16 17:30:00 | 13.48 | 27.07 | 0.26 | 6.22 | 8.86 | 921.25 |
| SQU-DS | 2025-07-16 17:45:00 | 13.53 | 27.83 | 0.25 | 6.22 | 8.69 | 920.48 |
| SQU-DS | 2025-07-16 18:00:00 | 13.56 | 27.91 | 0.24 | 6.22 | 8.73 | 919.41 |
| SQU-DS | 2025-07-16 18:15:00 | 13.58 | 28.00 | 0.23 | 6.22 | 8.72 | 918.97 |
| SQU-DS | 2025-07-16 18:30:00 | 13.60 | 28.55 | 0.21 | 6.22 | 8.64 | 918.17 |
| SQU-DS | 2025-07-16 18:45:00 | 13.62 | 28.37 | 0.19 | 6.22 | 8.67 | 917.68 |
| SQU-DS | 2025-07-16 19:00:00 | 13.63 | 29.82 | 0.18 | 6.22 | 8.56 | 917.18 |
| SQU-DS | 2025-07-16 19:15:00 | 13.63 | 29.60 | 0.15 | 6.22 | 8.46 | 916.79 |
| SQU-DS | 2025-07-16 19:30:00 | 13.63 | 31.44 | 0.13 | 6.22 | 8.15 | 916.29 |
| SQU-DS | 2025-07-16 19:45:00 | 13.64 | 33.01 | 0.10 | 6.22 | 8.14 | 915.92 |
| SQU-DS | 2025-07-16 20:00:00 | 13.63 | 32.65 | 0.08 | 6.22 | 7.82 | 915.63 |
| SQU-DS | 2025-07-16 20:15:00 | 13.61 | 33.08 | 0.06 | 6.22 | 7.57 | 915.98 |
| SQU-DS | 2025-07-16 20:30:00 | 13.60 | 39.72 | 0.04 | 6.22 | 7.12 | 915.50 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-16 20:45:00 | 13.58 | 45.05 | 0.05 | 6.23 | 6.88 | 915.75 |
| SQU-DS | 2025-07-16 21:00:00 | 13.57 | 29.89 | 0.05 | 6.24 | 6.71 | 915.51 |
| SQU-DS | 2025-07-16 21:15:00 | 13.56 | 28.92 | 0.03 | 6.24 | 6.60 | 915.63 |
| SQU-DS | 2025-07-16 21:30:00 | 13.54 | 28.69 | 0.02 | 6.25 | 6.44 | 915.77 |
| SQU-DS | 2025-07-16 21:45:00 | 13.51 | 28.68 | 0.13 | 6.25 | 6.26 | 914.71 |
| SQU-DS | 2025-07-16 22:00:00 | 13.47 | 28.27 | 0.06 | 6.25 | 6.13 | 915.90 |
| SQU-DS | 2025-07-16 22:15:00 | 13.43 | 27.74 | 0.13 | 6.26 | 6.04 | 915.83 |
| SQU-DS | 2025-07-16 22:30:00 | 13.40 | 27.75 | 0.16 | 6.26 | 5.94 | 898.75 |
| SQU-DS | 2025-07-16 22:45:00 | 13.36 | 27.60 | 0.27 | 6.27 | 5.98 | 827.72 |
| SQU-DS | 2025-07-16 23:00:00 | 13.31 | 27.31 | 0.30 | 6.28 | 5.93 | 730.48 |
| SQU-DS | 2025-07-16 23:15:00 | 13.27 | 27.29 | 0.28 | 6.27 | 5.83 | 847.65 |
| SQU-DS | 2025-07-16 23:30:00 | 13.23 | 27.73 | 0.24 | 6.28 | 5.78 | 847.93 |
| SQU-DS | 2025-07-16 23:45:00 | 13.18 | 27.34 | 0.17 | 6.28 | 5.69 | 853.63 |
| SQU-DS | 2025-07-17 00:00:00 | 13.12 | 27.52 | 0.12 | 6.29 | 5.68 | 852.66 |
| SQU-DS | 2025-07-17 00:15:00 | 13.06 | 27.80 | 0.27 | 6.29 | 5.65 | 852.00 |
| SQU-DS | 2025-07-17 00:30:00 | 13.00 | 27.40 | 0.30 | 6.30 | 5.60 | 851.77 |
| SQU-DS | 2025-07-17 00:45:00 | 12.93 | 27.59 | 0.32 | 6.30 | 5.58 | 850.69 |
| SQU-DS | 2025-07-17 01:00:00 | 12.87 | 27.13 | 0.33 | 6.31 | 5.65 | 851.19 |
| SQU-DS | 2025-07-17 01:15:00 | 12.81 | 27.06 | 0.35 | 6.32 | 5.73 | 852.39 |
| SQU-DS | 2025-07-17 01:30:00 | 12.73 | 26.57 | 0.35 | 6.32 | 5.72 | 851.26 |
| SQU-DS | 2025-07-17 01:45:00 | 12.66 | 26.79 | 0.36 | 6.33 | 5.80 | 851.54 |
| SQU-DS | 2025-07-17 02:00:00 | 12.59 | 26.22 | 0.36 | 6.33 | 5.80 | 851.82 |
| SQU-DS | 2025-07-17 02:15:00 | 12.53 | 26.11 | 0.37 | 6.34 | 5.79 | 852.08 |
| SQU-DS | 2025-07-17 02:30:00 | 12.46 | 26.16 | 0.37 | 6.34 | 5.70 | 852.56 |
| SQU-DS | 2025-07-17 02:45:00 | 12.38 | 25.75 | 0.36 | 6.34 | 5.63 | 852.75 |
| SQU-DS | 2025-07-17 03:00:00 | 12.30 | 25.60 | 0.36 | 6.35 | 5.60 | 853.32 |
| SQU-DS | 2025-07-17 03:15:00 | 12.23 | 25.53 | 0.36 | 6.34 | 5.56 | 854.03 |
| SQU-DS | 2025-07-17 03:30:00 | 12.16 | 25.53 | 0.35 | 6.35 | 5.48 | 854.03 |
| SQU-DS | 2025-07-17 03:45:00 | 12.10 | 25.41 | 0.36 | 6.35 | 5.52 | 854.35 |
| SQU-DS | 2025-07-17 04:00:00 | 12.03 | 25.25 | 0.37 | 6.35 | 5.52 | 854.39 |
| SQU-DS | 2025-07-17 04:15:00 | 11.98 | 25.30 | 0.37 | 6.35 | 5.62 | 854.31 |
| SQU-DS | 2025-07-17 04:30:00 | 11.92 | 24.80 | 0.36 | 6.35 | 5.54 | 849.80 |
| SQU-DS | 2025-07-17 04:45:00 | 11.88 | 25.08 | 0.36 | 6.35 | 5.64 | 850.36 |
| SQU-DS | 2025-07-17 05:00:00 | 11.83 | 24.74 | 0.36 | 6.36 | 5.64 | 850.44 |
| SQU-DS | 2025-07-17 05:15:00 | 11.79 | 24.63 | 0.36 | 6.36 | 5.63 | 851.07 |
| SQU-DS | 2025-07-17 05:30:00 | 11.76 | 24.41 | 0.36 | 6.37 | 5.63 | 850.56 |
| SQU-DS | 2025-07-17 05:45:00 | 11.73 | 24.08 | 0.37 | 6.37 | 5.77 | 842.38 |
| SQU-DS | 2025-07-17 06:00:00 | 11.71 | 23.99 | 0.37 | 6.37 | 5.85 | 846.45 |
| SQU-DS | 2025-07-17 06:15:00 | 11.69 | 24.07 | 0.37 | 6.38 | 5.92 | 859.09 |
| SQU-DS | 2025-07-17 06:30:00 | 11.68 | 24.32 | 0.37 | 6.38 | 6.09 | 864.87 |
| SQU-DS | 2025-07-17 06:45:00 | 11.67 | 23.56 | 0.37 | 6.38 | 6.33 | 847.78 |
| SQU-DS | 2025-07-17 07:00:00 | 11.67 | 23.27 | 0.37 | 6.38 | 6.28 | 852.90 |
| SQU-DS | 2025-07-17 07:15:00 | 11.67 | 23.23 | 0.37 | 6.39 | 6.52 | 849.95 |
| SQU-DS | 2025-07-17 07:30:00 | 11.67 | 23.30 | 0.36 | 6.39 | 6.49 | 850.03 |
| SQU-DS | 2025-07-17 07:45:00 | 11.68 | 23.43 | 0.35 | 6.39 | 6.43 | 849.29 |
| SQU-DS | 2025-07-17 08:00:00 | 11.70 | 23.44 | 0.34 | 6.39 | 6.32 | 851.56 |
| SQU-DS | 2025-07-17 08:15:00 | 11.71 | 24.10 | 0.33 | 6.39 | 6.25 | 850.58 |
| SQU-DS | 2025-07-17 08:30:00 | 11.71 | 25.27 | 0.32 | 6.39 | 6.06 | 849.16 |
| SQU-DS | 2025-07-17 08:45:00 | 11.74 | 25.10 | 0.29 | 6.39 | 5.91 | 848.95 |
| SQU-DS | 2025-07-17 09:00:00 | 11.76 | 25.20 | 0.26 | 6.39 | 5.79 | 848.35 |
| SQU-DS | 2025-07-17 09:15:00 | 11.79 | 25.47 | 0.24 | 6.39 | 5.66 | 846.92 |
| SQU-DS | 2025-07-17 09:30:00 | 11.82 | 25.72 | 0.23 | 6.39 | 5.57 | 843.83 |
| SQU-DS | 2025-07-17 09:45:00 | 11.85 | 26.24 | 0.21 | 6.38 | 5.44 | 847.10 |
| SQU-DS | 2025-07-17 10:00:00 | 11.89 | 27.23 | 0.18 | 6.38 | 5.32 | 842.78 |
| SQU-DS | 2025-07-17 10:15:00 | 11.93 | 26.32 | 0.17 | 6.38 | 5.28 | 841.82 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-17 10:30:00 | 11.96 | 26.01 | 0.17 | 6.38 | 5.21 | 842.07 |
| SQU-DS | 2025-07-17 10:45:00 | 12.00 | 25.92 | 0.17 | 6.38 | 5.18 | 841.47 |
| SQU-DS | 2025-07-17 11:00:00 | 12.05 | 26.26 | 0.16 | 6.38 | 5.10 | 840.58 |
| SQU-DS | 2025-07-17 11:15:00 | 12.11 | 26.00 | 0.13 | 6.38 | 4.97 | 837.76 |
| SQU-DS | 2025-07-17 11:30:00 | 12.17 | 26.01 | 0.10 | 6.38 | 4.84 | 836.39 |
| SQU-DS | 2025-07-17 11:45:00 | 12.22 | 25.98 | 0.09 | 6.38 | 4.27 | 834.29 |
| SQU-DS | 2025-07-17 12:00:00 | 12.28 | 25.77 | 0.06 | 6.38 | 4.04 | 833.74 |
| SQU-DS | 2025-07-17 12:15:00 | 12.35 | 26.53 | 0.03 | 6.38 | 3.75 | 832.05 |
| SQU-DS | 2025-07-17 12:30:00 | 12.41 | 27.84 | 0.01 | 6.38 | 3.38 | 830.66 |
| SQU-DS | 2025-07-17 12:45:00 | 12.48 | 27.83 | 0.00 | 6.37 | 3.50 | 829.25 |
| SQU-DS | 2025-07-17 13:00:00 | 12.54 | 27.64 | -0.01 | 6.37 | 2.80 | 827.83 |
| SQU-DS | 2025-07-17 13:15:00 | 12.61 | 28.11 | -0.01 | 6.37 | 2.99 | 826.42 |
| SQU-DS | 2025-07-17 13:30:00 | 12.67 | 28.42 | -0.02 | 6.37 | 3.12 | 824.81 |
| SQU-DS | 2025-07-17 13:45:00 | 12.74 | 28.23 | -0.02 | 6.36 | 3.10 | 823.77 |
| SQU-DS | 2025-07-17 14:00:00 | 12.81 | 29.24 | -0.02 | 6.36 | 3.07 | 824.00 |
| SQU-DS | 2025-07-17 14:15:00 | 12.88 | 30.06 | -0.03 | 6.36 | 2.96 | 822.81 |
| SQU-DS | 2025-07-17 14:30:00 | 12.95 | 30.11 | -0.03 | 6.36 | 2.87 | 822.24 |
| SQU-DS | 2025-07-17 14:45:00 | 13.01 | 30.38 | -0.03 | 6.35 | 2.77 | 820.87 |
| SQU-DS | 2025-07-17 15:00:00 | 13.08 | 30.57 | -0.03 | 6.35 | 2.70 | 819.47 |
| SQU-DS | 2025-07-17 15:15:00 | 13.14 | 30.83 | -0.04 | 6.35 | 2.60 | 817.99 |
| SQU-DS | 2025-07-17 15:30:00 | 13.21 | 30.95 | -0.04 | 6.35 | 2.50 | 817.01 |
| SQU-DS | 2025-07-17 15:45:00 | 13.26 | 32.18 | -0.04 | 6.35 | 2.40 | 815.77 |
| SQU-DS | 2025-07-17 16:00:00 | 13.32 | 31.66 | -0.05 | 6.34 | 2.26 | 814.68 |
| SQU-DS | 2025-07-17 16:15:00 | 13.37 | 32.40 | -0.05 | 6.34 | 2.14 | 813.47 |
| SQU-DS | 2025-07-17 16:30:00 | 13.42 | 32.43 | -0.06 | 6.33 | 2.02 | 812.45 |
| SQU-DS | 2025-07-17 16:45:00 | 13.47 | 33.14 | -0.06 | 6.33 | 1.90 | 811.00 |
| SQU-DS | 2025-07-17 17:00:00 | 13.51 | 33.25 | -0.07 | 6.33 | 1.77 | 810.31 |
| SQU-DS | 2025-07-17 17:15:00 | 13.55 | 32.83 | -0.08 | 6.32 | 1.67 | 809.01 |
| SQU-DS | 2025-07-17 17:30:00 | 13.59 | 33.45 | -0.09 | 6.32 | 1.56 | 808.59 |
| SQU-DS | 2025-07-17 17:45:00 | 13.63 | 30.58 | -0.11 | 6.32 | 1.41 | 807.91 |
| SQU-DS | 2025-07-17 18:00:00 | 13.67 | 34.00 | -0.13 | 6.32 | 1.28 | 806.69 |
| SQU-DS | 2025-07-17 18:15:00 | 13.69 | 34.44 | -0.16 | 6.31 | 1.18 | 805.86 |
| SQU-DS | 2025-07-17 18:30:00 | 13.71 | 34.65 | -0.20 | 6.31 | 1.08 | 804.96 |
| SQU-DS | 2025-07-17 18:45:00 | 13.73 | 34.77 | -0.28 | 6.31 | 0.94 | 804.22 |
| SQU-DS | 2025-07-17 19:00:00 | 13.74 | 35.21 | -0.33 | 6.31 | 0.84 | 803.46 |
| SQU-DS | 2025-07-17 19:15:00 | 13.75 | 36.04 | -0.36 | 6.31 | 0.72 | 802.53 |
| SQU-DS | 2025-07-17 19:30:00 | 13.76 | 36.77 | -0.38 | 6.31 | 0.60 | 802.38 |
| SQU-DS | 2025-07-17 19:45:00 | 13.76 | 37.25 | -0.39 | 6.31 | 0.51 | 802.04 |
| SQU-DS | 2025-07-17 20:00:00 | 13.74 | 38.02 | -0.40 | 6.30 | 0.46 | 801.47 |
| SQU-DS | 2025-07-17 20:15:00 | 13.72 | 38.14 | -0.41 | 6.31 | 0.44 | 801.32 |
| SQU-DS | 2025-07-17 20:30:00 | 13.71 | 37.73 | -0.41 | 6.30 | 0.45 | 800.96 |
| SQU-DS | 2025-07-17 20:45:00 | 13.69 | 37.95 | -0.41 | 6.30 | 0.48 | 800.54 |
| SQU-DS | 2025-07-17 21:00:00 | 13.68 | 37.19 | -0.41 | 6.30 | 0.50 | 800.62 |
| SQU-DS | 2025-07-17 21:15:00 | 13.68 | 37.14 | -0.41 | 6.30 | 0.52 | 800.47 |
| SQU-DS | 2025-07-17 21:30:00 | 13.67 | 36.45 | -0.42 | 6.30 | 0.51 | 800.07 |
| SQU-DS | 2025-07-17 21:45:00 | 13.66 | 32.97 | -0.42 | 6.30 | 0.52 | 799.99 |
| SQU-DS | 2025-07-17 22:00:00 | 13.65 | 34.39 | -0.41 | 6.30 | 0.55 | 799.69 |
| SQU-DS | 2025-07-17 22:15:00 | 13.63 | 33.70 | -0.42 | 6.31 | 0.55 | 799.40 |
| SQU-DS | 2025-07-17 22:30:00 | 13.60 | 33.10 | -0.42 | 6.31 | 0.57 | 799.51 |
| SQU-DS | 2025-07-17 22:45:00 | 13.56 | 31.60 | -0.42 | 6.31 | 0.57 | 738.73 |
| SQU-DS | 2025-07-17 23:00:00 | 13.51 | 32.39 | -0.41 | 6.32 | 0.59 | 740.57 |
| SQU-DS | 2025-07-17 23:15:00 | 13.45 | 30.23 | -0.41 | 6.32 | 0.69 | 744.57 |
| SQU-DS | 2025-07-17 23:30:00 | 13.39 | 29.67 | -0.41 | 6.33 | 0.76 | 713.07 |
| SQU-DS | 2025-07-17 23:45:00 | 13.33 | 29.69 | -0.41 | 6.33 | 0.81 | 709.84 |
| SQU-DS | 2025-07-18 00:00:00 | 13.26 | 28.86 | -0.41 | 6.33 | 0.91 | 709.18 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-18 00:15:00 | 13.19 | 28.65 | -0.41 | 6.33 | 0.94 | 710.08 |
| SQU-DS | 2025-07-18 00:30:00 | 13.12 | 27.48 | -0.40 | 6.33 | 1.01 | 710.91 |
| SQU-DS | 2025-07-18 00:45:00 | 13.05 | 28.48 | -0.40 | 6.33 | 1.03 | 711.52 |
| SQU-DS | 2025-07-18 01:00:00 | 12.98 | 28.45 | -0.40 | 6.33 | 1.05 | 712.35 |
| SQU-DS | 2025-07-18 01:15:00 | 12.90 | 28.64 | -0.40 | 6.33 | 0.94 | 712.95 |
| SQU-DS | 2025-07-18 01:30:00 | 12.83 | 29.12 | -0.40 | 6.33 | 0.86 | 712.07 |
| SQU-DS | 2025-07-18 01:45:00 | 12.75 | 29.39 | -0.40 | 6.33 | 0.91 | 711.83 |
| SQU-DS | 2025-07-18 02:00:00 | 12.68 | 28.59 | -0.39 | 6.33 | 0.78 | 712.47 |
| SQU-DS | 2025-07-18 02:15:00 | 12.61 | 30.52 | -0.39 | 6.33 | 0.81 | 713.27 |
| SQU-DS | 2025-07-18 02:30:00 | 12.53 | 31.39 | -0.39 | 6.33 | 0.85 | 713.55 |
| SQU-DS | 2025-07-18 02:45:00 | 12.45 | 30.41 | -0.39 | 6.34 | 0.90 | 713.73 |
| SQU-DS | 2025-07-18 03:00:00 | 12.38 | 29.14 | -0.39 | 6.34 | 0.67 | 713.80 |
| SQU-DS | 2025-07-18 03:15:00 | 12.31 | 29.29 | -0.39 | 6.34 | 0.81 | 713.82 |
| SQU-DS | 2025-07-18 03:30:00 | 12.24 | 30.13 | -0.38 | 6.34 | 0.86 | 714.08 |
| SQU-DS | 2025-07-18 03:45:00 | 12.18 | 30.39 | -0.39 | 6.34 | 0.81 | 714.51 |
| SQU-DS | 2025-07-18 04:00:00 | 12.12 | 29.80 | -0.39 | 6.34 | 0.79 | 714.51 |
| SQU-DS | 2025-07-18 04:15:00 | 12.07 | 30.07 | -0.38 | 6.34 | 0.77 | 715.05 |
| SQU-DS | 2025-07-18 04:30:00 | 12.02 | 31.21 | -0.39 | 6.34 | 0.59 | 715.50 |
| SQU-DS | 2025-07-18 04:45:00 | 11.97 | 32.90 | -0.39 | 6.34 | 0.47 | 715.51 |
| SQU-DS | 2025-07-18 05:00:00 | 11.93 | 34.25 | -0.39 | 6.34 | 0.44 | 715.78 |
| SQU-DS | 2025-07-18 05:15:00 | 11.88 | 35.86 | -0.39 | 6.34 | 0.40 | 715.66 |
| SQU-DS | 2025-07-18 05:30:00 | 11.85 | 36.58 | -0.39 | 6.34 | 0.35 | 715.44 |
| SQU-DS | 2025-07-18 05:45:00 | 11.82 | 36.63 | -0.38 | 6.33 | 0.32 | 715.51 |
| SQU-DS | 2025-07-18 06:00:00 | 11.78 | 36.26 | -0.38 | 6.33 | 0.32 | 715.71 |
| SQU-DS | 2025-07-18 06:15:00 | 11.76 | 36.35 | -0.37 | 6.33 | 0.32 | 715.53 |
| SQU-DS | 2025-07-18 06:30:00 | 11.73 | 36.41 | -0.37 | 6.33 | 0.31 | 715.55 |
| SQU-DS | 2025-07-18 06:45:00 | 11.71 | 36.69 | -0.37 | 6.33 | 0.30 | 715.20 |
| SQU-DS | 2025-07-18 07:00:00 | 11.70 | 36.81 | -0.37 | 6.33 | 0.31 | 714.99 |
| SQU-DS | 2025-07-18 07:15:00 | 11.70 | 37.12 | -0.37 | 6.33 | 0.31 | 714.74 |
| SQU-DS | 2025-07-18 07:30:00 | 11.70 | 37.54 | -0.37 | 6.33 | 0.30 | 714.51 |
| SQU-DS | 2025-07-18 07:45:00 | 11.70 | 38.23 | -0.37 | 6.33 | 0.27 | 714.15 |
| SQU-DS | 2025-07-18 08:00:00 | 11.71 | 38.80 | -0.37 | 6.34 | 0.25 | 713.89 |
| SQU-DS | 2025-07-18 08:15:00 | 11.73 | 38.95 | -0.37 | 6.33 | 0.25 | 712.48 |
| SQU-DS | 2025-07-18 08:30:00 | 11.73 | 39.10 | -0.36 | 6.33 | 0.24 | 712.41 |
| SQU-DS | 2025-07-18 08:45:00 | 11.73 | 40.11 | -0.37 | 6.34 | 0.21 | 711.63 |
| SQU-DS | 2025-07-18 09:00:00 | 11.73 | 40.81 | -0.37 | 6.34 | 0.15 | 711.27 |
| SQU-DS | 2025-07-18 09:15:00 | 11.73 | 41.23 | -0.36 | 6.34 | 0.11 | 710.85 |
| SQU-DS | 2025-07-18 09:30:00 | 11.73 | 41.26 | -0.36 | 6.33 | 0.10 | 710.67 |
| SQU-DS | 2025-07-18 09:45:00 | 11.73 | 42.09 | -0.37 | 6.34 | 0.09 | 710.01 |
| SQU-DS | 2025-07-18 10:00:00 | 11.74 | 42.98 | -0.37 | 6.34 | 0.08 | 709.58 |
| SQU-DS | 2025-07-18 10:15:00 | 11.74 | 43.55 | -0.37 | 6.34 | 0.07 | 709.38 |
| SQU-DS | 2025-07-18 10:30:00 | 11.73 | 43.97 | -0.36 | 6.34 | 0.08 | 709.32 |
| SQU-DS | 2025-07-18 10:45:00 | 11.74 | 44.24 | -0.36 | 6.34 | 0.07 | 709.02 |
| SQU-DS | 2025-07-18 11:00:00 | 11.74 | 44.96 | -0.36 | 6.34 | 0.08 | 708.64 |
| SQU-DS | 2025-07-18 11:15:00 | 11.75 | 45.24 | -0.36 | 6.34 | 0.09 | 708.36 |
| SQU-DS | 2025-07-18 11:30:00 | 11.75 | 45.54 | -0.36 | 6.34 | 0.10 | 707.99 |
| SQU-DS | 2025-07-18 11:45:00 | 11.80 | 45.97 | -0.35 | 6.34 | 0.10 | 707.24 |
| SQU-DS | 2025-07-18 12:00:00 | 11.88 | 46.19 | -0.36 | 6.34 | 0.11 | 706.00 |
| SQU-DS | 2025-07-18 12:15:00 | 11.98 | 46.75 | -0.35 | 6.33 | 0.11 | 704.58 |
| SQU-DS | 2025-07-18 12:30:00 | 12.07 | 46.81 | -0.35 | 6.34 | 0.11 | 703.29 |
| SQU-DS | 2025-07-18 12:45:00 | 12.16 | 47.24 | -0.35 | 6.33 | 0.10 | 701.83 |
| SQU-DS | 2025-07-18 13:00:00 | 12.26 | 47.51 | -0.35 | 6.33 | 0.10 | 700.63 |
| SQU-DS | 2025-07-18 13:15:00 | 12.34 | 47.96 | -0.35 | 6.33 | 0.10 | 699.21 |
| SQU-DS | 2025-07-18 13:30:00 | 12.43 | 48.41 | -0.35 | 6.33 | 0.10 | 697.92 |
| SQU-DS | 2025-07-18 13:45:00 | 12.52 | 48.73 | -0.35 | 6.33 | 0.10 | 697.75 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-18 14:00:00 | 12.60 | 49.27 | -0.35 | 6.33 | 0.10 | 696.49 |
| SQU-DS | 2025-07-18 14:15:00 | 12.69 | 49.75 | -0.35 | 6.33 | 0.09 | 694.98 |
| SQU-DS | 2025-07-18 14:30:00 | 12.77 | 50.87 | -0.35 | 6.33 | 0.09 | 694.56 |
| SQU-DS | 2025-07-18 14:45:00 | 12.85 | 50.74 | -0.35 | 6.33 | 0.09 | 694.53 |
| SQU-DS | 2025-07-18 15:00:00 | 12.92 | 51.30 | -0.35 | 6.33 | 0.08 | 693.53 |
| SQU-DS | 2025-07-18 15:15:00 | 12.98 | 51.91 | -0.36 | 6.33 | 0.08 | 692.83 |
| SQU-DS | 2025-07-18 15:30:00 | 13.02 | 52.64 | -0.36 | 6.33 | 0.08 | 692.42 |
| SQU-DS | 2025-07-18 15:45:00 | 13.06 | 53.16 | -0.36 | 6.33 | 0.07 | 691.77 |
| SQU-DS | 2025-07-18 16:00:00 | 13.12 | 53.65 | -0.36 | 6.33 | 0.06 | 691.20 |
| SQU-DS | 2025-07-18 16:15:00 | 13.17 | 54.16 | -0.36 | 6.33 | 0.06 | 690.91 |
| SQU-DS | 2025-07-18 16:30:00 | 13.18 | 54.68 | -0.36 | 6.33 | 0.05 | 690.33 |
| SQU-DS | 2025-07-18 16:45:00 | 13.18 | 55.19 | -0.36 | 6.32 | 0.05 | 690.34 |
| SQU-DS | 2025-07-18 17:00:00 | 13.20 | 55.58 | -0.36 | 6.32 | 0.04 | 690.21 |
| SQU-DS | 2025-07-18 17:15:00 | 13.21 | 55.97 | -0.36 | 6.32 | 0.04 | 689.73 |
| SQU-DS | 2025-07-18 17:30:00 | 13.21 | 56.52 | -0.36 | 6.32 | 0.03 | 689.78 |
| SQU-DS | 2025-07-18 17:45:00 | 13.20 | 57.02 | -0.36 | 6.32 | 0.02 | 689.62 |
| SQU-DS | 2025-07-18 18:00:00 | 13.20 | 57.60 | -0.36 | 6.32 | 0.01 | 689.41 |
| SQU-DS | 2025-07-18 18:15:00 | 13.20 | 58.10 | -0.37 | 6.32 | 0.01 | 689.20 |
| SQU-DS | 2025-07-18 18:30:00 | 13.19 | 58.47 | -0.37 | 6.32 | 0.00 | 688.46 |
| SQU-DS | 2025-07-18 18:45:00 | 13.18 | 59.18 | -0.37 | 6.32 | 0.00 | 688.41 |
| SQU-DS | 2025-07-18 19:00:00 | 13.18 | 59.46 | -0.37 | 6.32 | 0.00 | 688.26 |
| SQU-DS | 2025-07-18 19:15:00 | 13.19 | 59.93 | -0.37 | 6.32 | 0.00 | 687.87 |
| SQU-DS | 2025-07-18 19:30:00 | 13.20 | 60.54 | -0.37 | 6.32 | 0.00 | 687.46 |
| SQU-DS | 2025-07-18 19:45:00 | 13.20 | 61.04 | -0.37 | 6.32 | 0.00 | 687.00 |
| SQU-DS | 2025-07-18 20:00:00 | 13.18 | 61.51 | -0.38 | 6.32 | 0.00 | 687.17 |
| SQU-DS | 2025-07-18 20:15:00 | 13.17 | 61.92 | -0.38 | 6.32 | 0.00 | 687.24 |
| SQU-DS | 2025-07-18 20:30:00 | 13.16 | 62.21 | -0.38 | 6.33 | 0.00 | 687.05 |
| SQU-DS | 2025-07-18 20:45:00 | 13.16 | 62.64 | -0.38 | 6.33 | 0.00 | 686.80 |
| SQU-DS | 2025-07-18 21:00:00 | 13.16 | 62.95 | -0.38 | 6.33 | 0.00 | 686.45 |
| SQU-DS | 2025-07-18 21:15:00 | 13.15 | 63.41 | -0.39 | 6.33 | 0.00 | 686.22 |
| SQU-DS | 2025-07-18 21:30:00 | 13.16 | 63.86 | -0.39 | 6.33 | 0.00 | 686.09 |
| SQU-DS | 2025-07-18 21:45:00 | 13.16 | 64.14 | -0.39 | 6.33 | 0.00 | 685.88 |
| SQU-DS | 2025-07-18 22:00:00 | 13.16 | 64.42 | -0.39 | 6.33 | 0.00 | 685.77 |
| SQU-DS | 2025-07-18 22:15:00 | 13.16 | 64.81 | -0.40 | 6.33 | 0.00 | 685.57 |
| SQU-DS | 2025-07-18 22:30:00 | 13.14 | 65.20 | -0.40 | 6.33 | 0.00 | 685.20 |
| SQU-DS | 2025-07-18 22:45:00 | 13.13 | 65.67 | -0.40 | 6.33 | 0.00 | 685.33 |
| SQU-DS | 2025-07-18 23:00:00 | 13.11 | 66.07 | -0.40 | 6.33 | 0.01 | 685.15 |
| SQU-DS | 2025-07-18 23:15:00 | 13.10 | 66.55 | -0.41 | 6.34 | 0.01 | 685.08 |
| SQU-DS | 2025-07-18 23:30:00 | 13.08 | 66.91 | -0.41 | 6.34 | 0.01 | 684.87 |
| SQU-DS | 2025-07-18 23:45:00 | 13.05 | 67.25 | -0.41 | 6.34 | 0.01 | 684.48 |
| SQU-DS | 2025-07-19 00:00:00 | 13.01 | 67.77 | -0.41 | 6.34 | 0.01 | 684.96 |
| SQU-DS | 2025-07-19 00:15:00 | 12.97 | 68.15 | -0.41 | 6.34 | 0.01 | 685.16 |
| SQU-DS | 2025-07-19 00:30:00 | 12.93 | 68.63 | -0.41 | 6.34 | 0.01 | 685.43 |
| SQU-DS | 2025-07-19 00:45:00 | 12.88 | 69.04 | -0.41 | 6.34 | 0.01 | 685.35 |
| SQU-DS | 2025-07-19 01:00:00 | 12.83 | 69.35 | -0.41 | 6.34 | 0.01 | 685.97 |
| SQU-DS | 2025-07-19 01:15:00 | 12.78 | 70.01 | -0.41 | 6.34 | 0.01 | 686.12 |
| SQU-DS | 2025-07-19 01:30:00 | 12.73 | 70.59 | -0.42 | 6.34 | 0.01 | 686.54 |
| SQU-DS | 2025-07-19 01:45:00 | 12.68 | 71.06 | -0.42 | 6.34 | 0.01 | 686.49 |
| SQU-DS | 2025-07-19 02:00:00 | 12.62 | 71.77 | -0.42 | 6.35 | 0.01 | 686.62 |
| SQU-DS | 2025-07-19 02:15:00 | 12.56 | 72.14 | -0.42 | 6.35 | 0.01 | 686.96 |
| SQU-DS | 2025-07-19 02:30:00 | 12.50 | 72.56 | -0.42 | 6.35 | 0.01 | 687.34 |
| SQU-DS | 2025-07-19 02:45:00 | 12.44 | 73.10 | -0.42 | 6.35 | 0.01 | 687.89 |
| SQU-DS | 2025-07-19 03:00:00 | 12.37 | 73.69 | -0.42 | 6.35 | 0.01 | 688.26 |
| SQU-DS | 2025-07-19 03:15:00 | 12.30 | 74.31 | -0.42 | 6.35 | 0.01 | 688.65 |
| SQU-DS | 2025-07-19 03:30:00 | 12.24 | 74.94 | -0.42 | 6.36 | 0.00 | 689.21 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-19 03:45:00 | 12.18 | 75.18 | -0.42 | 6.36 | 0.00 | 689.56 |
| SQU-DS | 2025-07-19 04:00:00 | 12.12 | 76.55 | -0.42 | 6.36 | 0.00 | 689.90 |
| SQU-DS | 2025-07-19 04:15:00 | 12.06 | 77.22 | -0.42 | 6.36 | 0.00 | 690.46 |
| SQU-DS | 2025-07-19 04:30:00 | 12.01 | 77.95 | -0.42 | 6.36 | 0.00 | 690.82 |
| SQU-DS | 2025-07-19 04:45:00 | 11.95 | 78.64 | -0.42 | 6.37 | 0.00 | 691.33 |
| SQU-DS | 2025-07-19 05:00:00 | 11.90 | 79.05 | -0.42 | 6.37 | 0.00 | 691.58 |
| SQU-DS | 2025-07-19 05:15:00 | 11.84 | 79.59 | -0.42 | 6.37 | 0.00 | 692.19 |
| SQU-DS | 2025-07-19 05:30:00 | 11.80 | 80.05 | -0.42 | 6.37 | 0.00 | 692.72 |
| SQU-DS | 2025-07-19 05:45:00 | 11.75 | 80.48 | -0.41 | 6.37 | 0.00 | 693.17 |
| SQU-DS | 2025-07-19 06:00:00 | 11.71 | 80.90 | -0.41 | 6.37 | 0.00 | 693.21 |
| SQU-DS | 2025-07-19 06:15:00 | 11.68 | 81.49 | -0.41 | 6.37 | 0.00 | 694.10 |
| SQU-DS | 2025-07-19 06:30:00 | 11.65 | 82.15 | -0.41 | 6.38 | 0.00 | 694.11 |
| SQU-DS | 2025-07-19 06:45:00 | 11.62 | 82.49 | -0.41 | 6.38 | 0.00 | 694.39 |
| SQU-DS | 2025-07-19 07:00:00 | 11.60 | 82.93 | -0.41 | 6.38 | 0.00 | 694.56 |
| SQU-DS | 2025-07-19 07:15:00 | 11.58 | 83.34 | -0.41 | 6.38 | 0.00 | 694.43 |
| SQU-DS | 2025-07-19 07:30:00 | 11.57 | 83.92 | -0.41 | 6.38 | 0.00 | 694.33 |
| SQU-DS | 2025-07-19 07:45:00 | 11.56 | 84.32 | -0.41 | 6.38 | 0.00 | 694.14 |
| SQU-DS | 2025-07-19 08:00:00 | 11.56 | 84.80 | -0.41 | 6.38 | 0.00 | 694.13 |
| SQU-DS | 2025-07-19 08:15:00 | 11.56 | 85.34 | -0.41 | 6.39 | 0.00 | 693.89 |
| SQU-DS | 2025-07-19 08:30:00 | 11.57 | 85.82 | -0.41 | 6.39 | 0.00 | 693.73 |
| SQU-DS | 2025-07-19 08:45:00 | 11.58 | 86.29 | -0.41 | 6.39 | 0.00 | 693.61 |
| SQU-DS | 2025-07-19 09:00:00 | 11.59 | 86.86 | -0.41 | 6.39 | 0.00 | 693.36 |
| SQU-DS | 2025-07-19 09:15:00 | 11.60 | 87.37 | -0.41 | 6.39 | 0.00 | 693.07 |
| SQU-DS | 2025-07-19 09:30:00 | 11.61 | 87.60 | -0.41 | 6.39 | 0.00 | 692.59 |
| SQU-DS | 2025-07-19 09:45:00 | 11.61 | 88.23 | -0.41 | 6.39 | 0.00 | 692.48 |
| SQU-DS | 2025-07-19 10:00:00 | 11.64 | 88.60 | -0.41 | 6.39 | 0.00 | 691.93 |
| SQU-DS | 2025-07-19 10:15:00 | 11.67 | 88.90 | -0.41 | 6.39 | 0.00 | 691.23 |
| SQU-DS | 2025-07-19 10:30:00 | 11.72 | 89.85 | -0.41 | 6.40 | 0.00 | 690.64 |
| SQU-DS | 2025-07-19 10:45:00 | 11.78 | 90.20 | -0.41 | 6.40 | 0.00 | 689.55 |
| SQU-DS | 2025-07-19 11:00:00 | 11.85 | 90.77 | -0.41 | 6.40 | 0.00 | 688.59 |
| SQU-DS | 2025-07-19 11:15:00 | 11.91 | 91.02 | -0.41 | 6.40 | 0.00 | 687.54 |
| SQU-DS | 2025-07-19 11:30:00 | 11.96 | 91.49 | -0.41 | 6.40 | 0.00 | 686.84 |
| SQU-DS | 2025-07-19 11:45:00 | 12.01 | 92.05 | -0.41 | 6.40 | 0.00 | 686.22 |
| SQU-DS | 2025-07-19 12:00:00 | 12.06 | 92.86 | -0.41 | 6.40 | 0.00 | 685.59 |
| SQU-DS | 2025-07-19 12:15:00 | 12.13 | 93.09 | -0.41 | 6.40 | 0.00 | 684.51 |
| SQU-DS | 2025-07-19 12:30:00 | 12.20 | 93.62 | -0.41 | 6.40 | 0.00 | 683.16 |
| SQU-DS | 2025-07-19 12:45:00 | 12.28 | 93.99 | -0.41 | 6.40 | 0.00 | 682.32 |
| SQU-DS | 2025-07-19 13:00:00 | 12.36 | 94.47 | -0.41 | 6.40 | 0.00 | 681.22 |
| SQU-DS | 2025-07-19 13:15:00 | 12.44 | 95.03 | -0.41 | 6.40 | 0.00 | 680.35 |
| SQU-DS | 2025-07-19 13:30:00 | 12.53 | 95.84 | -0.41 | 6.39 | 0.00 | 713.92 |
| SQU-DS | 2025-07-19 13:45:00 | 12.61 | 96.03 | -0.41 | 6.39 | 0.00 | 712.06 |
| SQU-DS | 2025-07-19 14:00:00 | 12.69 | 96.24 | -0.41 | 6.39 | 0.00 | 706.39 |
| SQU-DS | 2025-07-19 14:15:00 | 12.76 | 96.64 | -0.41 | 6.39 | 0.00 | 705.30 |
| SQU-DS | 2025-07-19 14:30:00 | 12.81 | 96.97 | -0.41 | 6.39 | 0.00 | 704.19 |
| SQU-DS | 2025-07-19 14:45:00 | 12.87 | 97.39 | -0.41 | 6.39 | 0.00 | 703.61 |
| SQU-DS | 2025-07-19 15:00:00 | 12.95 | 97.90 | -0.42 | 6.39 | 0.00 | 703.15 |
| SQU-DS | 2025-07-19 15:15:00 | 13.01 | 98.35 | -0.42 | 6.39 | 0.00 | 702.70 |
| SQU-DS | 2025-07-19 15:30:00 | 13.07 | 99.03 | -0.42 | 6.39 | 0.00 | 701.73 |
| SQU-DS | 2025-07-19 15:45:00 | 13.14 | 99.50 | -0.42 | 6.39 | 0.00 | 701.27 |
| SQU-DS | 2025-07-19 16:00:00 | 13.20 | 99.76 | -0.42 | 6.39 | 0.00 | 701.06 |
| SQU-DS | 2025-07-19 16:15:00 | 13.26 | 100.11 | -0.42 | 6.39 | 0.00 | 701.11 |
| SQU-DS | 2025-07-19 16:30:00 | 13.31 | 100.68 | -0.41 | 6.39 | 0.00 | 700.34 |
| SQU-DS | 2025-07-19 16:45:00 | 13.36 | 101.14 | -0.41 | 6.39 | 0.00 | 700.26 |
| SQU-DS | 2025-07-19 17:00:00 | 13.41 | 101.59 | -0.41 | 6.39 | 0.00 | 699.41 |
| SQU-DS | 2025-07-19 17:15:00 | 13.43 | 102.07 | -0.41 | 6.38 | 0.00 | 699.25 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-19 17:30:00 | 13.43 | 102.25 | -0.41 | 6.38 | 0.00 | 698.90 |
| SQU-DS | 2025-07-19 17:45:00 | 13.45 | 102.49 | -0.41 | 6.38 | 0.00 | 698.60 |
| SQU-DS | 2025-07-19 18:00:00 | 13.47 | 102.95 | -0.41 | 6.38 | 0.00 | 698.17 |
| SQU-DS | 2025-07-19 18:15:00 | 13.50 | 101.52 | -0.41 | 6.38 | 0.00 | 697.98 |
| SQU-DS | 2025-07-19 18:30:00 | 13.52 | 101.83 | -0.41 | 6.38 | 0.00 | 697.21 |
| SQU-DS | 2025-07-19 18:45:00 | 13.53 | 102.48 | -0.41 | 6.38 | 0.00 | 696.77 |
| SQU-DS | 2025-07-19 19:00:00 | 13.52 | 103.56 | -0.41 | 6.38 | 0.00 | 696.72 |
| SQU-DS | 2025-07-19 19:15:00 | 13.50 | 103.68 | -0.41 | 6.38 | 0.00 | 696.47 |
| SQU-DS | 2025-07-19 19:30:00 | 13.48 | 104.52 | -0.41 | 6.38 | 0.00 | 696.30 |
| SQU-DS | 2025-07-19 19:45:00 | 13.46 | 104.95 | -0.41 | 6.38 | 0.00 | 696.30 |
| SQU-DS | 2025-07-19 20:00:00 | 13.43 | 105.47 | -0.41 | 6.38 | 0.00 | 696.15 |
| SQU-DS | 2025-07-19 20:15:00 | 13.40 | 106.73 | -0.40 | 6.38 | 0.00 | 696.37 |
| SQU-DS | 2025-07-19 20:30:00 | 13.37 | 106.80 | -0.40 | 6.38 | 0.00 | 696.19 |
| SQU-DS | 2025-07-19 20:45:00 | 13.35 | 107.74 | -0.40 | 6.38 | 0.00 | 696.09 |
| SQU-DS | 2025-07-19 21:00:00 | 13.32 | 108.00 | -0.40 | 6.38 | 0.00 | 696.14 |
| SQU-DS | 2025-07-19 21:15:00 | 13.31 | 108.39 | -0.40 | 6.38 | 0.00 | 696.18 |
| SQU-DS | 2025-07-19 21:30:00 | 13.29 | 108.27 | -0.40 | 6.38 | 0.00 | 696.22 |
| SQU-DS | 2025-07-19 21:45:00 | 13.28 | 108.60 | -0.40 | 6.38 | 0.00 | 696.04 |
| SQU-DS | 2025-07-19 22:00:00 | 13.27 | 108.79 | -0.40 | 6.38 | 0.00 | 696.15 |
| SQU-DS | 2025-07-19 22:15:00 | 13.25 | 109.01 | -0.40 | 6.39 | 0.00 | 696.11 |
| SQU-DS | 2025-07-19 22:30:00 | 13.23 | 109.47 | -0.40 | 6.39 | 0.00 | 696.34 |
| SQU-DS | 2025-07-19 22:45:00 | 13.20 | 109.62 | -0.40 | 6.39 | 0.00 | 696.35 |
| SQU-DS | 2025-07-19 23:00:00 | 13.16 | 109.77 | -0.39 | 6.39 | 0.00 | 696.63 |
| SQU-DS | 2025-07-19 23:15:00 | 13.12 | 109.89 | -0.39 | 6.39 | 0.00 | 696.90 |
| SQU-DS | 2025-07-19 23:30:00 | 13.08 | 109.84 | -0.39 | 6.39 | 0.00 | 697.08 |
| SQU-DS | 2025-07-19 23:45:00 | 13.02 | 109.88 | -0.39 | 6.39 | 0.00 | 697.50 |
| SQU-DS | 2025-07-20 00:00:00 | 12.97 | 109.69 | -0.39 | 6.39 | 0.00 | 697.72 |
| SQU-DS | 2025-07-20 00:15:00 | 12.91 | 109.79 | -0.39 | 6.39 | 0.00 | 698.01 |
| SQU-DS | 2025-07-20 00:30:00 | 12.86 | 109.75 | -0.39 | 6.39 | 0.00 | 698.54 |
| SQU-DS | 2025-07-20 00:45:00 | 12.79 | 109.73 | -0.39 | 6.39 | 0.00 | 699.08 |
| SQU-DS | 2025-07-20 01:00:00 | 12.72 | 109.64 | -0.39 | 6.39 | 0.00 | 699.39 |
| SQU-DS | 2025-07-20 01:15:00 | 12.66 | 109.87 | -0.39 | 6.40 | 0.00 | 700.02 |
| SQU-DS | 2025-07-20 01:30:00 | 12.59 | 109.63 | -0.38 | 6.40 | 0.00 | 700.38 |
| SQU-DS | 2025-07-20 01:45:00 | 12.52 | 109.85 | -0.38 | 6.40 | 0.00 | 701.11 |
| SQU-DS | 2025-07-20 02:00:00 | 12.45 | 109.71 | -0.38 | 6.40 | 0.00 | 701.91 |
| SQU-DS | 2025-07-20 02:15:00 | 12.39 | 109.96 | -0.38 | 6.40 | 0.00 | 702.41 |
| SQU-DS | 2025-07-20 02:30:00 | 12.33 | 110.14 | -0.38 | 6.40 | 0.00 | 702.89 |
| SQU-DS | 2025-07-20 02:45:00 | 12.28 | 110.38 | -0.38 | 6.40 | 0.00 | 702.59 |
| SQU-DS | 2025-07-20 03:00:00 | 12.23 | 110.49 | -0.38 | 6.40 | 0.00 | 702.72 |
| SQU-DS | 2025-07-20 03:15:00 | 12.18 | 110.75 | -0.38 | 6.41 | 0.00 | 703.18 |
| SQU-DS | 2025-07-20 03:30:00 | 12.12 | 111.00 | -0.38 | 6.41 | 0.00 | 703.75 |
| SQU-DS | 2025-07-20 03:45:00 | 12.07 | 111.47 | -0.38 | 6.41 | 0.00 | 704.37 |
| SQU-DS | 2025-07-20 04:00:00 | 12.01 | 111.89 | -0.38 | 6.41 | 0.00 | 704.83 |
| SQU-DS | 2025-07-20 04:15:00 | 11.96 | 112.50 | -0.37 | 6.41 | 0.00 | 705.42 |
| SQU-DS | 2025-07-20 04:30:00 | 11.91 | 113.00 | -0.37 | 6.41 | 0.00 | 705.64 |
| SQU-DS | 2025-07-20 04:45:00 | 11.86 | 113.61 | -0.37 | 6.41 | 0.00 | 706.34 |
| SQU-DS | 2025-07-20 05:00:00 | 11.81 | 113.99 | -0.37 | 6.42 | 0.00 | 706.64 |
| SQU-DS | 2025-07-20 05:15:00 | 11.77 | 114.13 | -0.37 | 6.42 | 0.00 | 706.95 |
| SQU-DS | 2025-07-20 05:30:00 | 11.73 | 114.84 | -0.37 | 6.42 | 0.00 | 707.21 |
| SQU-DS | 2025-07-20 05:45:00 | 11.69 | 115.27 | -0.37 | 6.42 | 0.00 | 707.78 |
| SQU-DS | 2025-07-20 06:00:00 | 11.65 | 115.51 | -0.37 | 6.42 | 0.00 | 708.02 |
| SQU-DS | 2025-07-20 06:15:00 | 11.62 | 115.63 | -0.37 | 6.42 | 0.00 | 708.24 |
| SQU-DS | 2025-07-20 06:30:00 | 11.59 | 115.90 | -0.37 | 6.42 | 0.00 | 708.56 |
| SQU-DS | 2025-07-20 06:45:00 | 11.56 | 116.37 | -0.37 | 6.42 | 0.00 | 708.69 |
| SQU-DS | 2025-07-20 07:00:00 | 11.55 | 116.71 | -0.37 | 6.42 | 0.00 | 708.73 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-20 07:15:00 | 11.53 | 116.93 | -0.37 | 6.43 | 0.00 | 708.63 |
| SQU-DS | 2025-07-20 07:30:00 | 11.51 | 117.00 | -0.37 | 6.43 | 0.00 | 708.36 |
| SQU-DS | 2025-07-20 07:45:00 | 11.51 | 117.66 | -0.36 | 6.43 | 0.00 | 708.27 |
| SQU-DS | 2025-07-20 08:00:00 | 11.50 | 117.81 | -0.36 | 6.43 | 0.00 | 708.33 |
| SQU-DS | 2025-07-20 08:15:00 | 11.50 | 118.31 | -0.36 | 6.43 | 0.00 | 708.33 |
| SQU-DS | 2025-07-20 08:30:00 | 11.50 | 118.48 | -0.36 | 6.43 | 0.00 | 708.15 |
| SQU-DS | 2025-07-20 08:45:00 | 11.50 | 118.66 | -0.36 | 6.43 | 0.00 | 707.77 |
| SQU-DS | 2025-07-20 09:00:00 | 11.50 | 118.84 | -0.36 | 6.43 | 0.00 | 707.71 |
| SQU-DS | 2025-07-20 09:15:00 | 11.51 | 119.07 | -0.36 | 6.43 | 0.00 | 707.06 |
| SQU-DS | 2025-07-20 09:30:00 | 11.52 | 119.34 | -0.36 | 6.43 | 0.00 | 706.70 |
| SQU-DS | 2025-07-20 09:45:00 | 11.54 | 119.66 | -0.36 | 6.43 | 0.00 | 705.92 |
| SQU-DS | 2025-07-20 10:00:00 | 11.56 | 119.84 | -0.36 | 6.43 | 0.00 | 705.37 |
| SQU-DS | 2025-07-20 10:15:00 | 11.58 | 119.94 | -0.36 | 6.43 | 0.00 | 705.18 |
| SQU-DS | 2025-07-20 10:30:00 | 11.61 | 120.23 | -0.36 | 6.43 | 0.00 | 704.58 |
| SQU-DS | 2025-07-20 10:45:00 | 11.63 | 120.41 | -0.36 | 6.43 | 0.00 | 704.09 |
| SQU-DS | 2025-07-20 11:00:00 | 11.65 | 120.46 | -0.36 | 6.43 | 0.00 | 703.62 |
| SQU-DS | 2025-07-20 11:15:00 | 11.70 | 120.56 | -0.36 | 6.43 | 0.00 | 703.04 |
| SQU-DS | 2025-07-20 11:30:00 | 11.76 | 120.73 | -0.36 | 6.43 | 0.00 | 702.10 |
| SQU-DS | 2025-07-20 11:45:00 | 11.83 | 121.15 | -0.36 | 6.43 | 0.00 | 698.41 |
| SQU-DS | 2025-07-20 12:00:00 | 11.89 | 121.36 | -0.36 | 6.43 | 0.00 | 697.55 |
| SQU-DS | 2025-07-20 12:15:00 | 11.96 | 121.41 | -0.36 | 6.43 | 0.00 | 696.59 |
| SQU-DS | 2025-07-20 12:30:00 | 12.04 | 121.50 | -0.36 | 6.43 | 0.00 | 695.39 |
| SQU-DS | 2025-07-20 12:45:00 | 12.16 | 121.59 | -0.36 | 6.43 | 0.00 | 693.80 |
| SQU-DS | 2025-07-20 13:00:00 | 12.28 | 121.77 | -0.36 | 6.43 | 0.00 | 692.65 |
| SQU-DS | 2025-07-20 13:15:00 | 12.41 | 121.96 | -0.36 | 6.43 | 0.00 | 687.88 |
| SQU-DS | 2025-07-20 13:30:00 | 12.54 | 121.98 | -0.36 | 6.43 | 0.00 | 686.38 |
| SQU-DS | 2025-07-20 13:45:00 | 12.65 | 122.12 | -0.36 | 6.43 | 0.00 | 684.84 |
| SQU-DS | 2025-07-20 14:00:00 | 12.74 | 122.33 | -0.36 | 6.43 | 0.00 | 683.53 |
| SQU-DS | 2025-07-20 14:15:00 | 12.82 | 122.24 | -0.37 | 6.43 | 0.00 | 682.71 |
| SQU-DS | 2025-07-20 14:30:00 | 12.90 | 122.42 | -0.37 | 6.43 | 0.00 | 681.92 |
| SQU-DS | 2025-07-20 14:45:00 | 12.97 | 122.26 | -0.37 | 6.43 | 0.00 | 681.33 |
| SQU-DS | 2025-07-20 15:00:00 | 13.03 | 122.59 | -0.37 | 6.43 | 0.00 | 680.91 |
| SQU-DS | 2025-07-20 15:15:00 | 13.09 | 122.24 | -0.37 | 6.42 | 0.00 | 680.09 |
| SQU-DS | 2025-07-20 15:30:00 | 13.16 | 122.19 | -0.37 | 6.42 | 0.00 | 679.41 |
| SQU-DS | 2025-07-20 15:45:00 | 13.22 | 122.03 | -0.37 | 6.42 | 0.00 | 678.83 |
| SQU-DS | 2025-07-20 16:00:00 | 13.27 | 121.59 | -0.37 | 6.42 | 0.00 | 678.11 |
| SQU-DS | 2025-07-20 16:15:00 | 13.33 | 121.17 | -0.37 | 6.42 | 0.00 | 677.52 |
| SQU-DS | 2025-07-20 16:30:00 | 13.37 | 121.04 | -0.37 | 6.42 | 0.00 | 677.10 |
| SQU-DS | 2025-07-20 16:45:00 | 13.40 | 121.13 | -0.37 | 6.42 | 0.00 | 676.59 |
| SQU-DS | 2025-07-20 17:00:00 | 13.45 | 121.03 | -0.37 | 6.42 | 0.00 | 676.19 |
| SQU-DS | 2025-07-20 17:15:00 | 13.50 | 120.32 | -0.37 | 6.41 | 0.00 | 675.60 |
| SQU-DS | 2025-07-20 17:30:00 | 13.55 | 120.47 | -0.36 | 6.41 | 0.00 | 675.27 |
| SQU-DS | 2025-07-20 17:45:00 | 13.57 | 120.27 | -0.36 | 6.41 | 0.00 | 674.82 |
| SQU-DS | 2025-07-20 18:00:00 | 13.56 | 120.23 | -0.36 | 6.41 | 0.00 | 674.94 |
| SQU-DS | 2025-07-20 18:15:00 | 13.53 | 120.29 | -0.36 | 6.41 | 0.00 | 675.06 |
| SQU-DS | 2025-07-20 18:30:00 | 13.50 | 120.41 | -0.36 | 6.41 | 0.00 | 675.05 |
| SQU-DS | 2025-07-20 18:45:00 | 13.47 | 120.52 | -0.36 | 6.41 | 0.00 | 675.16 |
| SQU-DS | 2025-07-20 19:00:00 | 13.45 | 120.64 | -0.36 | 6.41 | 0.00 | 675.12 |
| SQU-DS | 2025-07-20 19:15:00 | 13.41 | 120.93 | -0.36 | 6.41 | 0.00 | 675.23 |
| SQU-DS | 2025-07-20 19:30:00 | 13.39 | 121.11 | -0.36 | 6.41 | 0.00 | 674.92 |
| SQU-DS | 2025-07-20 19:45:00 | 13.36 | 121.19 | -0.36 | 6.41 | 0.00 | 675.07 |
| SQU-DS | 2025-07-20 20:00:00 | 13.33 | 121.26 | -0.36 | 6.41 | 0.00 | 675.23 |
| SQU-DS | 2025-07-20 20:15:00 | 13.30 | 121.24 | -0.36 | 6.42 | 0.00 | 675.02 |
| SQU-DS | 2025-07-20 20:30:00 | 13.29 | 121.15 | -0.36 | 6.42 | 0.00 | 675.05 |
| SQU-DS | 2025-07-20 20:45:00 | 13.28 | 121.23 | -0.36 | 6.42 | 0.00 | 675.17 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-DS | 2025-07-20 21:00:00 | 13.28 | 121.41 | -0.36 | 6.42 | 0.00 | 675.18 |
| SQU-DS | 2025-07-20 21:15:00 | 13.27 | 121.56 | -0.36 | 6.42 | 0.00 | 675.07 |
| SQU-DS | 2025-07-20 21:30:00 | 13.26 | 121.70 | -0.36 | 6.42 | 0.00 | 674.88 |
| SQU-DS | 2025-07-20 21:45:00 | 13.25 | 121.75 | -0.36 | 6.42 | 0.00 | 674.88 |
| SQU-DS | 2025-07-20 22:00:00 | 13.24 | 122.06 | -0.36 | 6.42 | 0.00 | 673.13 |
| SQU-DS | 2025-07-20 22:15:00 | 13.23 | 122.10 | -0.36 | 6.42 | 0.00 | 673.34 |
| SQU-DS | 2025-07-20 22:30:00 | 13.23 | 122.33 | -0.36 | 6.42 | 0.00 | 672.39 |
| SQU-DS | 2025-07-20 22:45:00 | 13.21 | 122.64 | -0.36 | 6.43 | 0.00 | 673.45 |
| SQU-DS | 2025-07-20 23:00:00 | 13.20 | 122.81 | -0.36 | 6.43 | 0.00 | 673.10 |
| SQU-DS | 2025-07-20 23:15:00 | 13.19 | 122.86 | -0.36 | 6.43 | 0.00 | 673.04 |
| SQU-DS | 2025-07-20 23:30:00 | 13.17 | 122.88 | -0.36 | 6.43 | 0.00 | 673.09 |
| SQU-DS | 2025-07-20 23:45:00 | 13.14 | 122.82 | -0.36 | 6.43 | 0.00 | 673.17 |
| SQU-US | 2025-07-14 00:00:00 | 13.19 | 27.77 | 0.38 | 7.01 | 10.11 | 179.43 |
| SQU-US | 2025-07-14 00:15:00 | 13.13 | 28.29 | 0.38 | 7.08 | 10.10 | 197.88 |
| SQU-US | 2025-07-14 00:30:00 | 13.05 | 27.88 | 0.37 | 7.15 | 10.13 | 194.19 |
| SQU-US | 2025-07-14 00:45:00 | 12.99 | 26.37 | 0.37 | 7.10 | 10.14 | 176.58 |
| SQU-US | 2025-07-14 01:00:00 | 12.92 | 26.22 | 0.38 | 7.11 | 10.15 | 184.84 |
| SQU-US | 2025-07-14 01:15:00 | 12.84 | 26.45 | 0.38 | 7.11 | 10.17 | 194.09 |
| SQU-US | 2025-07-14 01:30:00 | 12.78 | 26.26 | 0.39 | 7.08 | 10.17 | 191.22 |
| SQU-US | 2025-07-14 01:45:00 | 12.71 | 27.42 | 0.39 | 7.10 | 10.17 | 204.48 |
| SQU-US | 2025-07-14 02:00:00 | 12.65 | 26.89 | 0.38 | 7.03 | 10.19 | 215.08 |
| SQU-US | 2025-07-14 02:15:00 | 12.58 | 26.42 | 0.37 | 7.10 | 10.20 | 201.83 |
| SQU-US | 2025-07-14 02:30:00 | 12.52 | 25.91 | 0.37 | 7.04 | 10.22 | 188.39 |
| SQU-US | 2025-07-14 02:45:00 | 12.45 | 25.62 | 0.37 | 7.04 | 10.24 | 203.87 |
| SQU-US | 2025-07-14 03:00:00 | 12.39 | 25.20 | 0.37 | 7.11 | 10.25 | 202.07 |
| SQU-US | 2025-07-14 03:15:00 | 12.30 | 24.90 | 0.38 | 7.07 | 10.28 | 199.56 |
| SQU-US | 2025-07-14 03:30:00 | 12.23 | 24.75 | 0.39 | 7.05 | 10.29 | 202.59 |
| SQU-US | 2025-07-14 03:45:00 | 12.15 | 25.33 | 0.39 | 7.12 | 10.31 | 209.97 |
| SQU-US | 2025-07-14 04:00:00 | 12.08 | 24.82 | 0.39 | 6.89 | 10.33 | 215.51 |
| SQU-US | 2025-07-14 04:15:00 | 12.02 | 24.44 | 0.37 | 7.13 | 10.35 | 173.78 |
| SQU-US | 2025-07-14 04:30:00 | 11.95 | 24.75 | 0.37 | 7.02 | 10.36 | 233.60 |
| SQU-US | 2025-07-14 04:45:00 | 11.88 | 24.03 | 0.37 | 7.07 | 10.37 | 212.88 |
| SQU-US | 2025-07-14 05:00:00 | 11.85 | 23.76 | 0.38 | 7.04 | 10.38 | 204.73 |
| SQU-US | 2025-07-14 05:15:00 | 11.81 | 23.50 | 0.39 | 7.01 | 10.39 | 218.43 |
| SQU-US | 2025-07-14 05:30:00 | 11.76 | 23.60 | 0.39 | 6.99 | 10.39 | 188.80 |
| SQU-US | 2025-07-14 05:45:00 | 11.73 | 24.02 | 0.40 | 6.93 | 10.41 | 211.35 |
| SQU-US | 2025-07-14 06:00:00 | 11.69 | 24.13 | 0.37 | 7.07 | 10.42 | 208.62 |
| SQU-US | 2025-07-14 06:15:00 | 11.66 | 23.82 | 0.37 | 7.07 | 10.44 | 197.87 |
| SQU-US | 2025-07-14 06:30:00 | 11.62 | 24.06 | 0.37 | 7.11 | 10.44 | 195.13 |
| SQU-US | 2025-07-14 06:45:00 | 11.60 | 22.80 | 0.37 | 7.05 | 10.46 | 209.29 |
| SQU-US | 2025-07-14 07:00:00 | 11.59 | 22.61 | 0.38 | 6.95 | 10.48 | 173.77 |
| SQU-US | 2025-07-14 07:15:00 | 11.57 | 22.81 | 0.39 | 7.00 | 10.47 | 177.72 |
| SQU-US | 2025-07-14 07:30:00 | 11.53 | 23.12 | 0.39 | 6.95 | 10.50 | 191.78 |
| SQU-US | 2025-07-14 07:45:00 | 11.53 | 24.29 | 0.39 | 7.10 | 10.50 | 178.56 |
| SQU-US | 2025-07-14 08:00:00 | 11.54 | 23.91 | 0.37 | 7.03 | 10.51 | 171.83 |
| SQU-US | 2025-07-14 08:15:00 | 11.55 | 24.22 | 0.37 | 7.07 | 10.52 | 140.45 |
| SQU-US | 2025-07-14 08:30:00 | 11.55 | 24.44 | 0.37 | 7.05 | 10.53 | 170.09 |
| SQU-US | 2025-07-14 08:45:00 | 11.57 | 23.25 | 0.36 | 7.05 | 10.53 | 204.04 |
| SQU-US | 2025-07-14 09:00:00 | 11.56 | 23.07 | 0.37 | 7.02 | 10.55 | 161.85 |
| SQU-US | 2025-07-14 09:15:00 | 11.59 | 23.10 | 0.38 | 7.05 | 10.55 | 159.38 |
| SQU-US | 2025-07-14 09:30:00 | 11.62 | 23.44 | 0.39 | 6.99 | 10.56 | 204.31 |
| SQU-US | 2025-07-14 09:45:00 | 11.65 | 24.45 | 0.39 | 7.04 | 10.56 | 169.15 |
| SQU-US | 2025-07-14 10:00:00 | 11.68 | 24.55 | 0.37 | 7.04 | 10.57 | 168.08 |
| SQU-US | 2025-07-14 10:15:00 | 11.69 | 24.45 | 0.36 | 7.14 | 10.59 | 152.37 |
| SQU-US | 2025-07-14 10:30:00 | 11.73 | 24.92 | 0.36 | 7.05 | 10.58 | 171.89 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-US | 2025-07-14 10:45:00 | 11.75 | 24.69 | 0.36 | 7.03 | 10.58 | 158.20 |
| SQU-US | 2025-07-14 11:00:00 | 11.79 | 25.25 | 0.37 | 7.04 | 10.58 | 157.98 |
| SQU-US | 2025-07-14 11:15:00 | 11.87 | 24.90 | 0.37 | 7.12 | 10.61 | 179.62 |
| SQU-US | 2025-07-14 11:30:00 | 11.95 | 25.16 | 0.37 | 7.10 | 10.59 | 154.93 |
| SQU-US | 2025-07-14 11:45:00 | 12.01 | 25.99 | 0.38 | 7.07 | 10.58 | 148.53 |
| SQU-US | 2025-07-14 12:00:00 | 12.07 | 26.01 | 0.36 | 7.06 | 10.58 | 161.20 |
| SQU-US | 2025-07-14 12:15:00 | 12.14 | 26.05 | 0.36 | 7.13 | 10.59 | 157.90 |
| SQU-US | 2025-07-14 12:30:00 | 12.22 | 25.92 | 0.36 | 7.09 | 10.58 | 173.01 |
| SQU-US | 2025-07-14 12:45:00 | 12.30 | 25.34 | 0.36 | 7.09 | 10.57 | 145.22 |
| SQU-US | 2025-07-14 13:00:00 | 12.26 | 25.27 | 0.37 | 7.09 | 10.56 | 149.91 |
| SQU-US | 2025-07-14 13:15:00 | 12.22 | 25.24 | 0.37 | 7.08 | 10.57 | 135.32 |
| SQU-US | 2025-07-14 13:30:00 | 12.23 | 25.44 | 0.37 | 7.07 | 10.55 | 144.98 |
| SQU-US | 2025-07-14 13:45:00 | 12.30 | 25.86 | 0.38 | 7.06 | 10.56 | 156.59 |
| SQU-US | 2025-07-14 14:00:00 | 12.42 | 25.79 | 0.37 | 7.11 | 10.54 | 143.42 |
| SQU-US | 2025-07-14 14:15:00 | 12.51 | 26.04 | 0.36 | 7.11 | 10.53 | 141.72 |
| SQU-US | 2025-07-14 14:30:00 | 12.60 | 26.31 | 0.36 | 7.09 | 10.52 | 155.93 |
| SQU-US | 2025-07-14 14:45:00 | 12.68 | 25.61 | 0.36 | 7.11 | 10.51 | 140.17 |
| SQU-US | 2025-07-14 15:00:00 | 12.73 | 25.36 | 0.37 | 7.02 | 10.50 | 115.70 |
| SQU-US | 2025-07-14 15:15:00 | 12.79 | 25.31 | 0.37 | 7.07 | 10.50 | 155.02 |
| SQU-US | 2025-07-14 15:30:00 | 12.87 | 25.66 | 0.38 | 7.01 | 10.46 | 151.63 |
| SQU-US | 2025-07-14 15:45:00 | 12.98 | 26.89 | 0.37 | 7.15 | 10.46 | 130.89 |
| SQU-US | 2025-07-14 16:00:00 | 13.07 | 26.68 | 0.36 | 7.10 | 10.45 | 148.62 |
| SQU-US | 2025-07-14 16:15:00 | 13.17 | 26.99 | 0.36 | 7.07 | 10.40 | 141.90 |
| SQU-US | 2025-07-14 16:30:00 | 13.24 | 26.96 | 0.36 | 7.14 | 10.41 | 139.09 |
| SQU-US | 2025-07-14 16:45:00 | 13.30 | 27.02 | 0.36 | 7.12 | 10.38 | 166.67 |
| SQU-US | 2025-07-14 17:00:00 | 13.36 | 26.94 | 0.36 | 7.15 | 10.35 | 164.78 |
| SQU-US | 2025-07-14 17:15:00 | 13.42 | 26.79 | 0.37 | 7.09 | 10.33 | 187.33 |
| SQU-US | 2025-07-14 17:30:00 | 13.46 | 26.99 | 0.37 | 7.11 | 10.31 | 160.47 |
| SQU-US | 2025-07-14 17:45:00 | 13.49 | 26.67 | 0.36 | 7.13 | 10.29 | 149.64 |
| SQU-US | 2025-07-14 18:00:00 | 13.50 | 27.25 | 0.36 | 7.13 | 10.27 | 172.93 |
| SQU-US | 2025-07-14 18:15:00 | 13.44 | 27.32 | 0.36 | 7.10 | 10.27 | 196.48 |
| SQU-US | 2025-07-14 18:30:00 | 13.37 | 27.47 | 0.36 | 7.17 | 10.25 | 181.69 |
| SQU-US | 2025-07-14 18:45:00 | 13.34 | 27.04 | 0.36 | 7.16 | 10.26 | 202.57 |
| SQU-US | 2025-07-14 19:00:00 | 13.33 | 27.61 | 0.37 | 7.12 | 10.26 | 204.08 |
| SQU-US | 2025-07-14 19:15:00 | 13.31 | 27.15 | 0.37 | 7.18 | 10.25 | 232.07 |
| SQU-US | 2025-07-14 19:30:00 | 13.29 | 26.84 | 0.37 | 7.18 | 10.24 | 266.47 |
| SQU-US | 2025-07-14 19:45:00 | 13.30 | 28.26 | 0.38 | 7.16 | 10.20 | 314.78 |
| SQU-US | 2025-07-14 20:00:00 | 13.31 | 27.43 | 0.38 | 7.11 | 10.20 | 389.27 |
| SQU-US | 2025-07-14 20:15:00 | 13.32 | 27.42 | 0.38 | 7.15 | 10.17 | 422.01 |
| SQU-US | 2025-07-14 20:30:00 | 13.29 | 26.98 | 0.37 | 7.23 | 10.17 | 436.96 |
| SQU-US | 2025-07-14 20:45:00 | 13.22 | 26.31 | 0.38 | 7.14 | 10.18 | 359.08 |
| SQU-US | 2025-07-14 21:00:00 | 13.14 | 25.92 | 0.38 | 7.10 | 10.21 | 337.85 |
| SQU-US | 2025-07-14 21:15:00 | 13.04 | 26.22 | 0.38 | 7.18 | 10.23 | 332.58 |
| SQU-US | 2025-07-14 21:30:00 | 12.97 | 26.67 | 0.39 | 7.15 | 10.24 | 284.62 |
| SQU-US | 2025-07-14 21:45:00 | 12.94 | 27.53 | 0.39 | 7.15 | 10.25 | 381.62 |
| SQU-US | 2025-07-14 22:00:00 | 12.92 | 27.62 | 0.38 | 7.14 | 10.24 | 285.16 |
| SQU-US | 2025-07-14 22:15:00 | 12.90 | 27.35 | 0.37 | 7.23 | 10.24 | 318.33 |
| SQU-US | 2025-07-14 22:30:00 | 12.86 | 27.13 | 0.37 | 7.09 | 10.22 | 282.45 |
| SQU-US | 2025-07-14 22:45:00 | 12.81 | 26.80 | 0.36 | 7.22 | 10.22 | 295.10 |
| SQU-US | 2025-07-14 23:00:00 | 12.77 | 26.44 | 0.37 | 7.19 | 10.24 | 245.04 |
| SQU-US | 2025-07-14 23:15:00 | 12.73 | 26.41 | 0.38 | 7.19 | 10.26 | 261.61 |
| SQU-US | 2025-07-14 23:30:00 | 12.66 | 26.17 | 0.38 | 7.11 | 10.27 | 258.87 |
| SQU-US | 2025-07-14 23:45:00 | 12.61 | 27.06 | 0.38 | 7.16 | 10.27 | 239.49 |
| SQU-US | 2025-07-15 00:00:00 | 12.55 | 27.04 | 0.38 | 7.08 | 10.27 | 277.66 |
| SQU-US | 2025-07-15 00:15:00 | 12.47 | 26.68 | 0.37 | 7.13 | 10.30 | 218.07 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-US | 2025-07-15 00:30:00 | 12.41 | 26.77 | 0.37 | 7.09 | 10.29 | 256.20 |
| SQU-US | 2025-07-15 00:45:00 | 12.33 | 25.96 | 0.37 | 7.07 | 10.31 | 234.87 |
| SQU-US | 2025-07-15 01:00:00 | 12.27 | 25.62 | 0.37 | 7.12 | 10.32 | 215.10 |
| SQU-US | 2025-07-15 01:15:00 | 12.21 | 26.41 | 0.38 | 7.01 | 10.32 | 224.33 |
| SQU-US | 2025-07-15 01:30:00 | 12.13 | 26.31 | 0.38 | 7.06 | 10.32 | 212.87 |
| SQU-US | 2025-07-15 01:45:00 | 12.06 | 26.76 | 0.38 | 7.12 | 10.33 | 225.91 |
| SQU-US | 2025-07-15 02:00:00 | 12.00 | 26.54 | 0.37 | 7.01 | 10.34 | 225.28 |
| SQU-US | 2025-07-15 02:15:00 | 11.94 | 27.24 | 0.37 | 7.10 | 10.34 | 227.30 |
| SQU-US | 2025-07-15 02:30:00 | 11.87 | 26.69 | 0.37 | 7.03 | 10.38 | 246.55 |
| SQU-US | 2025-07-15 02:45:00 | 11.80 | 26.22 | 0.36 | 7.07 | 10.39 | 254.20 |
| SQU-US | 2025-07-15 03:00:00 | 11.75 | 26.57 | 0.37 | 7.06 | 10.38 | 197.11 |
| SQU-US | 2025-07-15 03:15:00 | 11.68 | 26.28 | 0.37 | 7.08 | 10.41 | 216.02 |
| SQU-US | 2025-07-15 03:30:00 | 11.62 | 26.28 | 0.38 | 7.01 | 10.43 | 240.70 |
| SQU-US | 2025-07-15 03:45:00 | 11.58 | 26.60 | 0.38 | 7.03 | 10.43 | 208.49 |
| SQU-US | 2025-07-15 04:00:00 | 11.55 | 25.99 | 0.37 | 7.03 | 10.46 | 218.07 |
| SQU-US | 2025-07-15 04:15:00 | 11.48 | 25.89 | 0.37 | 7.11 | 10.48 | 222.28 |
| SQU-US | 2025-07-15 04:30:00 | 11.42 | 25.88 | 0.37 | 7.05 | 10.50 | 220.64 |
| SQU-US | 2025-07-15 04:45:00 | 11.38 | 24.88 | 0.37 | 7.04 | 10.50 | 201.58 |
| SQU-US | 2025-07-15 05:00:00 | 11.33 | 24.35 | 0.37 | 7.11 | 10.52 | 182.01 |
| SQU-US | 2025-07-15 05:15:00 | 11.26 | 24.86 | 0.38 | 7.02 | 10.53 | 180.81 |
| SQU-US | 2025-07-15 05:30:00 | 11.22 | 24.65 | 0.38 | 7.09 | 10.54 | 189.04 |
| SQU-US | 2025-07-15 05:45:00 | 11.16 | 25.73 | 0.39 | 7.06 | 10.56 | 190.02 |
| SQU-US | 2025-07-15 06:00:00 | 11.13 | 25.47 | 0.38 | 7.07 | 10.57 | 163.14 |
| SQU-US | 2025-07-15 06:15:00 | 11.10 | 25.49 | 0.38 | 7.10 | 10.59 | 205.75 |
| SQU-US | 2025-07-15 06:30:00 | 11.07 | 25.29 | 0.38 | 7.15 | 10.58 | 227.26 |
| SQU-US | 2025-07-15 06:45:00 | 11.03 | 24.61 | 0.38 | 7.08 | 10.62 | 186.89 |
| SQU-US | 2025-07-15 07:00:00 | 11.01 | 24.62 | 0.38 | 7.10 | 10.61 | 156.21 |
| SQU-US | 2025-07-15 07:15:00 | 11.00 | 24.79 | 0.39 | 7.07 | 10.61 | 185.10 |
| SQU-US | 2025-07-15 07:30:00 | 10.98 | 24.57 | 0.39 | 7.04 | 10.64 | 157.01 |
| SQU-US | 2025-07-15 07:45:00 | 10.99 | 24.99 | 0.39 | 7.15 | 10.64 | 204.79 |
| SQU-US | 2025-07-15 08:00:00 | 10.99 | 25.10 | 0.38 | 7.09 | 10.65 | 204.66 |
| SQU-US | 2025-07-15 08:15:00 | 11.00 | 25.13 | 0.38 | 7.14 | 10.66 | 197.60 |
| SQU-US | 2025-07-15 08:30:00 | 11.00 | 25.36 | 0.38 | 7.13 | 10.67 | 198.07 |
| SQU-US | 2025-07-15 08:45:00 | 11.02 | 24.88 | 0.38 | 7.08 | 10.66 | 151.65 |
| SQU-US | 2025-07-15 09:00:00 | 11.01 | 25.45 | 0.38 | 7.11 | 10.69 | 171.41 |
| SQU-US | 2025-07-15 09:15:00 | 11.05 | 25.25 | 0.38 | 7.08 | 10.69 | 185.16 |
| SQU-US | 2025-07-15 09:30:00 | 11.08 | 25.20 | 0.38 | 7.11 | 10.70 | 163.63 |
| SQU-US | 2025-07-15 09:45:00 | 11.11 | 26.39 | 0.38 | 7.16 | 10.70 | 167.82 |
| SQU-US | 2025-07-15 10:00:00 | 11.16 | 26.27 | 0.37 | 7.17 | 10.70 | 147.75 |
| SQU-US | 2025-07-15 10:15:00 | 11.21 | 26.24 | 0.37 | 7.11 | 10.71 | 152.85 |
| SQU-US | 2025-07-15 10:30:00 | 11.25 | 26.08 | 0.37 | 7.06 | 10.70 | 152.97 |
| SQU-US | 2025-07-15 10:45:00 | 11.29 | 25.46 | 0.37 | 7.06 | 10.71 | 184.43 |
| SQU-US | 2025-07-15 11:00:00 | 11.34 | 25.75 | 0.37 | 7.12 | 10.70 | 163.40 |
| SQU-US | 2025-07-15 11:15:00 | 11.39 | 25.27 | 0.37 | 7.08 | 10.71 | 143.01 |
| SQU-US | 2025-07-15 11:30:00 | 11.45 | 25.57 | 0.38 | 7.03 | 10.69 | 118.90 |
| SQU-US | 2025-07-15 11:45:00 | 11.53 | 26.85 | 0.37 | 7.09 | 10.69 | 162.71 |
| SQU-US | 2025-07-15 12:00:00 | 11.59 | 26.97 | 0.37 | 7.04 | 10.69 | 195.80 |
| SQU-US | 2025-07-15 12:15:00 | 11.67 | 26.85 | 0.37 | 7.03 | 10.69 | 138.66 |
| SQU-US | 2025-07-15 12:30:00 | 11.74 | 27.37 | 0.36 | 7.12 | 10.69 | 154.92 |
| SQU-US | 2025-07-15 12:45:00 | 11.82 | 26.86 | 0.36 | 7.12 | 10.69 | 173.17 |
| SQU-US | 2025-07-15 13:00:00 | 11.89 | 26.66 | 0.37 | 7.05 | 10.68 | 132.20 |
| SQU-US | 2025-07-15 13:15:00 | 11.97 | 26.88 | 0.37 | 7.11 | 10.67 | 139.14 |
| SQU-US | 2025-07-15 13:30:00 | 12.05 | 26.71 | 0.37 | 7.10 | 10.66 | 137.15 |
| SQU-US | 2025-07-15 13:45:00 | 12.13 | 27.36 | 0.37 | 7.14 | 10.65 | 167.78 |
| SQU-US | 2025-07-15 14:00:00 | 12.21 | 27.60 | 0.37 | 7.07 | 10.63 | 141.51 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-US | 2025-07-15 14:15:00 | 12.30 | 27.81 | 0.36 | 7.12 | 10.61 | 130.55 |
| SQU-US | 2025-07-15 14:30:00 | 12.39 | 27.85 | 0.37 | 7.07 | 10.61 | 140.02 |
| SQU-US | 2025-07-15 14:45:00 | 12.47 | 26.90 | 0.36 | 7.14 | 10.60 | 142.92 |
| SQU-US | 2025-07-15 15:00:00 | 12.55 | 27.03 | 0.36 | 7.12 | 10.58 | 179.57 |
| SQU-US | 2025-07-15 15:15:00 | 12.63 | 27.08 | 0.36 | 7.16 | 10.56 | 149.89 |
| SQU-US | 2025-07-15 15:30:00 | 12.71 | 27.26 | 0.37 | 7.10 | 10.53 | 136.88 |
| SQU-US | 2025-07-15 15:45:00 | 12.79 | 28.57 | 0.37 | 7.15 | 10.51 | 148.29 |
| SQU-US | 2025-07-15 16:00:00 | 12.86 | 28.63 | 0.37 | 7.08 | 10.50 | 207.46 |
| SQU-US | 2025-07-15 16:15:00 | 12.92 | 28.06 | 0.36 | 7.19 | 10.49 | 152.52 |
| SQU-US | 2025-07-15 16:30:00 | 12.98 | 28.45 | 0.36 | 7.18 | 10.47 | 157.37 |
| SQU-US | 2025-07-15 16:45:00 | 13.04 | 28.36 | 0.36 | 7.12 | 10.43 | 155.50 |
| SQU-US | 2025-07-15 17:00:00 | 13.09 | 28.02 | 0.36 | 7.17 | 10.44 | 127.05 |
| SQU-US | 2025-07-15 17:15:00 | 13.14 | 28.53 | 0.37 | 7.13 | 10.39 | 149.52 |
| SQU-US | 2025-07-15 17:30:00 | 13.19 | 28.05 | 0.37 | 7.12 | 10.39 | 117.19 |
| SQU-US | 2025-07-15 17:45:00 | 13.22 | 28.67 | 0.37 | 7.18 | 10.35 | 137.87 |
| SQU-US | 2025-07-15 18:00:00 | 13.27 | 29.48 | 0.36 | 7.19 | 10.33 | 145.19 |
| SQU-US | 2025-07-15 18:15:00 | 13.28 | 28.81 | 0.36 | 7.20 | 10.33 | 156.85 |
| SQU-US | 2025-07-15 18:30:00 | 13.30 | 28.91 | 0.36 | 7.17 | 10.29 | 192.79 |
| SQU-US | 2025-07-15 18:45:00 | 13.32 | 28.13 | 0.36 | 7.16 | 10.27 | 153.31 |
| SQU-US | 2025-07-15 19:00:00 | 13.33 | 28.10 | 0.37 | 7.13 | 10.26 | 139.10 |
| SQU-US | 2025-07-15 19:15:00 | 13.35 | 28.88 | 0.36 | 7.20 | 10.23 | 162.78 |
| SQU-US | 2025-07-15 19:30:00 | 13.34 | 28.28 | 0.37 | 7.17 | 10.23 | 146.19 |
| SQU-US | 2025-07-15 19:45:00 | 13.31 | 28.93 | 0.37 | 7.21 | 10.21 | 168.44 |
| SQU-US | 2025-07-15 20:00:00 | 13.30 | 29.26 | 0.37 | 7.14 | 10.21 | 161.04 |
| SQU-US | 2025-07-15 20:15:00 | 13.28 | 28.49 | 0.37 | 7.19 | 10.19 | 181.10 |
| SQU-US | 2025-07-15 20:30:00 | 13.28 | 29.12 | 0.37 | 7.19 | 10.17 | 147.89 |
| SQU-US | 2025-07-15 20:45:00 | 13.26 | 28.22 | 0.37 | 7.18 | 10.17 | 165.59 |
| SQU-US | 2025-07-15 21:00:00 | 13.25 | 28.19 | 0.38 | 7.23 | 10.17 | 168.24 |
| SQU-US | 2025-07-15 21:15:00 | 13.24 | 28.22 | 0.38 | 7.17 | 10.16 | 158.40 |
| SQU-US | 2025-07-15 21:30:00 | 13.23 | 27.83 | 0.39 | 7.18 | 10.16 | 178.84 |
| SQU-US | 2025-07-15 21:45:00 | 13.21 | 28.56 | 0.38 | 7.25 | 10.16 | 184.75 |
| SQU-US | 2025-07-15 22:00:00 | 13.19 | 29.08 | 0.38 | 7.17 | 10.14 | 212.21 |
| SQU-US | 2025-07-15 22:15:00 | 13.16 | 29.34 | 0.38 | 7.19 | 10.15 | 190.99 |
| SQU-US | 2025-07-15 22:30:00 | 13.12 | 29.75 | 0.37 | 7.23 | 10.14 | 181.41 |
| SQU-US | 2025-07-15 22:45:00 | 13.09 | 28.76 | 0.37 | 7.20 | 10.13 | 178.13 |
| SQU-US | 2025-07-15 23:00:00 | 13.04 | 28.98 | 0.38 | 7.18 | 10.14 | 169.65 |
| SQU-US | 2025-07-15 23:15:00 | 12.99 | 29.27 | 0.39 | 7.12 | 10.14 | 183.02 |
| SQU-US | 2025-07-15 23:30:00 | 12.94 | 29.56 | 0.39 | 7.18 | 10.14 | 201.70 |
| SQU-US | 2025-07-15 23:45:00 | 12.87 | 30.13 | 0.39 | 7.14 | 10.15 | 209.06 |
| SQU-US | 2025-07-16 00:00:00 | 12.81 | 30.18 | 0.38 | 7.22 | 10.17 | 205.89 |
| SQU-US | 2025-07-16 00:15:00 | 12.74 | 30.21 | 0.38 | 7.19 | 10.17 | 199.13 |
| SQU-US | 2025-07-16 00:30:00 | 12.67 | 30.04 | 0.38 | 7.11 | 10.19 | 208.50 |
| SQU-US | 2025-07-16 00:45:00 | 12.60 | 29.17 | 0.37 | 7.18 | 10.20 | 190.58 |
| SQU-US | 2025-07-16 01:00:00 | 12.52 | 28.72 | 0.38 | 7.15 | 10.21 | 201.77 |
| SQU-US | 2025-07-16 01:15:00 | 12.46 | 28.80 | 0.39 | 7.14 | 10.23 | 178.67 |
| SQU-US | 2025-07-16 01:30:00 | 12.39 | 28.17 | 0.39 | 7.14 | 10.23 | 192.38 |
| SQU-US | 2025-07-16 01:45:00 | 12.31 | 29.17 | 0.39 | 7.11 | 10.22 | 235.20 |
| SQU-US | 2025-07-16 02:00:00 | 12.24 | 28.72 | 0.38 | 7.09 | 10.22 | 235.75 |
| SQU-US | 2025-07-16 02:15:00 | 12.17 | 28.81 | 0.37 | 7.03 | 10.24 | 245.03 |
| SQU-US | 2025-07-16 02:30:00 | 12.10 | 28.52 | 0.37 | 7.09 | 10.24 | 210.80 |
| SQU-US | 2025-07-16 02:45:00 | 12.02 | 27.98 | 0.36 | 7.10 | 10.27 | 228.48 |
| SQU-US | 2025-07-16 03:00:00 | 11.95 | 27.70 | 0.37 | 7.04 | 10.29 | 199.48 |
| SQU-US | 2025-07-16 03:15:00 | 11.88 | 27.24 | 0.37 | 7.05 | 10.31 | 235.04 |
| SQU-US | 2025-07-16 03:30:00 | 11.82 | 27.26 | 0.38 | 7.06 | 10.34 | 200.08 |
| SQU-US | 2025-07-16 03:45:00 | 11.76 | 27.70 | 0.38 | 7.09 | 10.34 | 247.79 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-US | 2025-07-16 04:00:00 | 11.70 | 27.36 | 0.37 | 7.15 | 10.39 | 205.04 |
| SQU-US | 2025-07-16 04:15:00 | 11.64 | 27.17 | 0.37 | 7.12 | 10.39 | 197.75 |
| SQU-US | 2025-07-16 04:30:00 | 11.59 | 27.09 | 0.37 | 7.13 | 10.42 | 175.34 |
| SQU-US | 2025-07-16 04:45:00 | 11.55 | 25.49 | 0.37 | 7.15 | 10.42 | 172.07 |
| SQU-US | 2025-07-16 05:00:00 | 11.50 | 25.43 | 0.38 | 7.07 | 10.45 | 192.08 |
| SQU-US | 2025-07-16 05:15:00 | 11.46 | 25.13 | 0.38 | 7.09 | 10.44 | 189.56 |
| SQU-US | 2025-07-16 05:30:00 | 11.42 | 25.36 | 0.39 | 7.08 | 10.45 | 175.64 |
| SQU-US | 2025-07-16 05:45:00 | 11.39 | 26.84 | 0.39 | 7.19 | 10.46 | 206.38 |
| SQU-US | 2025-07-16 06:00:00 | 11.36 | 26.71 | 0.38 | 7.05 | 10.47 | 169.33 |
| SQU-US | 2025-07-16 06:15:00 | 11.34 | 26.89 | 0.37 | 7.12 | 10.47 | 177.88 |
| SQU-US | 2025-07-16 06:30:00 | 11.31 | 26.94 | 0.37 | 7.10 | 10.49 | 166.16 |
| SQU-US | 2025-07-16 06:45:00 | 11.31 | 25.72 | 0.37 | 7.11 | 10.48 | 158.63 |
| SQU-US | 2025-07-16 07:00:00 | 11.30 | 25.63 | 0.38 | 7.09 | 10.50 | 159.66 |
| SQU-US | 2025-07-16 07:15:00 | 11.29 | 25.72 | 0.38 | 7.08 | 10.50 | 149.15 |
| SQU-US | 2025-07-16 07:30:00 | 11.27 | 26.15 | 0.39 | 7.07 | 10.50 | 191.76 |
| SQU-US | 2025-07-16 07:45:00 | 11.28 | 26.68 | 0.39 | 7.10 | 10.51 | 180.45 |
| SQU-US | 2025-07-16 08:00:00 | 11.29 | 27.37 | 0.38 | | 10.50 | 199.58 |
| SQU-US | 2025-07-16 08:15:00 | 11.31 | 26.93 | 0.38 | 7.13 | 10.52 | 177.75 |
| SQU-US | 2025-07-16 08:30:00 | 11.32 | 26.62 | 0.37 | 7.14 | 10.54 | 172.40 |
| SQU-US | 2025-07-16 08:45:00 | 11.35 | 26.24 | 0.37 | 7.14 | 10.53 | 157.98 |
| SQU-US | 2025-07-16 09:00:00 | 11.38 | 26.32 | 0.38 | 7.07 | 10.55 | 134.16 |
| SQU-US | 2025-07-16 09:15:00 | 11.40 | 26.87 | 0.38 | 7.10 | 10.54 | 154.63 |
| SQU-US | 2025-07-16 09:30:00 | 11.45 | 26.83 | 0.38 | 7.17 | 10.55 | 162.78 |
| SQU-US | 2025-07-16 09:45:00 | 11.49 | 27.59 | 0.38 | 7.14 | 10.55 | 183.98 |
| SQU-US | 2025-07-16 10:00:00 | 11.54 | 27.85 | 0.37 | 7.15 | 10.54 | 143.78 |
| SQU-US | 2025-07-16 10:15:00 | 11.61 | 27.91 | 0.38 | 7.09 | 10.54 | 125.71 |
| SQU-US | 2025-07-16 10:30:00 | 11.66 | 28.04 | 0.37 | 7.17 | 10.53 | 137.62 |
| SQU-US | 2025-07-16 10:45:00 | 11.72 | 26.66 | 0.37 | 7.11 | 10.54 | 169.37 |
| SQU-US | 2025-07-16 11:00:00 | 11.79 | 27.09 | 0.38 | 7.06 | 10.52 | 137.77 |
| SQU-US | 2025-07-16 11:15:00 | 11.86 | 27.35 | 0.38 | 7.08 | 10.50 | 131.92 |
| SQU-US | 2025-07-16 11:30:00 | 11.92 | 27.77 | 0.37 | 7.14 | 10.51 | 128.74 |
| SQU-US | 2025-07-16 11:45:00 | 12.00 | 28.52 | 0.37 | 7.13 | 10.51 | 150.11 |
| SQU-US | 2025-07-16 12:00:00 | 12.08 | 29.39 | 0.36 | 7.18 | 10.48 | 162.01 |
| SQU-US | 2025-07-16 12:15:00 | 12.16 | 29.07 | 0.36 | 7.18 | 10.49 | 121.12 |
| SQU-US | 2025-07-16 12:30:00 | 12.25 | 29.13 | 0.36 | 7.11 | 10.46 | 139.53 |
| SQU-US | 2025-07-16 12:45:00 | 12.33 | 28.11 | 0.36 | 7.17 | 10.46 | 135.04 |
| SQU-US | 2025-07-16 13:00:00 | 12.41 | 28.13 | 0.36 | 7.13 | 10.44 | 115.36 |
| SQU-US | 2025-07-16 13:15:00 | 12.48 | 28.17 | 0.36 | 7.15 | 10.45 | 107.01 |
| SQU-US | 2025-07-16 13:30:00 | 12.55 | 27.59 | 0.36 | 7.17 | 10.46 | 109.80 |
| SQU-US | 2025-07-16 13:45:00 | 12.63 | 29.01 | 0.37 | 7.12 | 10.45 | 114.52 |
| SQU-US | 2025-07-16 14:00:00 | 12.70 | 29.34 | 0.36 | 7.13 | 10.44 | 155.91 |
| SQU-US | 2025-07-16 14:15:00 | 12.78 | 28.88 | 0.36 | 7.11 | 10.41 | 141.16 |
| SQU-US | 2025-07-16 14:30:00 | 12.86 | 29.71 | 0.36 | 7.16 | 10.36 | 122.52 |
| SQU-US | 2025-07-16 14:45:00 | 12.94 | 29.01 | 0.36 | 7.16 | 10.36 | 112.68 |
| SQU-US | 2025-07-16 15:00:00 | 13.04 | 29.03 | 0.36 | 7.14 | 10.35 | 103.67 |
| SQU-US | 2025-07-16 15:15:00 | 13.14 | 28.77 | 0.36 | 7.15 | 10.35 | 97.53 |
| SQU-US | 2025-07-16 15:30:00 | 13.22 | 29.02 | 0.36 | 7.19 | 10.32 | 104.33 |
| SQU-US | 2025-07-16 15:45:00 | 13.29 | 30.30 | 0.37 | 7.18 | 10.31 | 145.31 |
| SQU-US | 2025-07-16 16:00:00 | 13.34 | 30.07 | 0.36 | 7.19 | 10.30 | 118.77 |
| SQU-US | 2025-07-16 16:15:00 | 13.39 | 30.26 | 0.36 | 7.15 | 10.28 | 128.76 |
| SQU-US | 2025-07-16 16:30:00 | 13.46 | 30.10 | 0.36 | 7.19 | 10.27 | 135.27 |
| SQU-US | 2025-07-16 16:45:00 | 13.51 | 29.46 | 0.36 | 7.19 | 10.25 | 125.17 |
| SQU-US | 2025-07-16 17:00:00 | 13.57 | 29.50 | 0.36 | 7.18 | 10.25 | 123.70 |
| SQU-US | 2025-07-16 17:15:00 | 13.61 | 29.65 | 0.36 | 7.21 | 10.21 | 114.24 |
| SQU-US | 2025-07-16 17:30:00 | 13.64 | 29.48 | 0.36 | 7.20 | 10.20 | 120.38 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-US | 2025-07-16 17:45:00 | 13.68 | 30.92 | 0.37 | 7.22 | 10.16 | 138.88 |
| SQU-US | 2025-07-16 18:00:00 | 13.70 | 30.76 | 0.36 | 7.20 | 10.15 | 135.21 |
| SQU-US | 2025-07-16 18:15:00 | 13.71 | 31.21 | 0.36 | 7.16 | 10.14 | 145.81 |
| SQU-US | 2025-07-16 18:30:00 | 13.71 | 31.06 | 0.36 | 7.19 | 10.13 | 121.74 |
| SQU-US | 2025-07-16 18:45:00 | 13.72 | 30.66 | 0.36 | 7.20 | 10.10 | 135.62 |
| SQU-US | 2025-07-16 19:00:00 | 13.72 | 30.30 | 0.36 | 7.19 | 10.08 | 129.27 |
| SQU-US | 2025-07-16 19:15:00 | 13.71 | 30.41 | 0.36 | 7.20 | 10.07 | 123.38 |
| SQU-US | 2025-07-16 19:30:00 | 13.71 | 30.25 | 0.37 | 7.20 | 10.06 | 135.33 |
| SQU-US | 2025-07-16 19:45:00 | 13.70 | 30.99 | 0.37 | 7.26 | 10.06 | 173.92 |
| SQU-US | 2025-07-16 20:00:00 | 13.68 | 31.07 | 0.37 | 7.26 | 10.04 | 165.21 |
| SQU-US | 2025-07-16 20:15:00 | 13.66 | 30.58 | 0.37 | 7.22 | 10.05 | 147.42 |
| SQU-US | 2025-07-16 20:30:00 | 13.64 | 30.42 | 0.37 | 7.23 | 10.03 | 131.54 |
| SQU-US | 2025-07-16 20:45:00 | 13.63 | 29.91 | 0.38 | 7.23 | 10.02 | 160.67 |
| SQU-US | 2025-07-16 21:00:00 | 13.61 | 29.42 | 0.38 | 7.22 | 10.01 | 150.74 |
| SQU-US | 2025-07-16 21:15:00 | 13.58 | 29.37 | 0.38 | 7.25 | 10.02 | 153.25 |
| SQU-US | 2025-07-16 21:30:00 | 13.56 | 29.30 | 0.38 | 7.27 | 10.00 | 141.72 |
| SQU-US | 2025-07-16 21:45:00 | 13.52 | 29.62 | 0.39 | 7.25 | 10.01 | 183.42 |
| SQU-US | 2025-07-16 22:00:00 | 13.48 | 30.02 | 0.38 | 7.26 | 10.02 | 201.96 |
| SQU-US | 2025-07-16 22:15:00 | 13.45 | 29.79 | 0.38 | 7.29 | 10.02 | 190.51 |
| SQU-US | 2025-07-16 22:30:00 | 13.40 | 29.81 | 0.38 | 7.24 | 10.02 | 194.72 |
| SQU-US | 2025-07-16 22:45:00 | 13.37 | 29.46 | 0.38 | 7.26 | 10.02 | 179.93 |
| SQU-US | 2025-07-16 23:00:00 | 13.32 | 29.72 | 0.38 | 7.25 | 10.01 | 200.21 |
| SQU-US | 2025-07-16 23:15:00 | 13.28 | 30.00 | 0.38 | 7.26 | 10.01 | 182.11 |
| SQU-US | 2025-07-16 23:30:00 | 13.23 | 30.05 | 0.39 | 7.24 | 10.02 | 173.60 |
| SQU-US | 2025-07-16 23:45:00 | 13.17 | 30.66 | 0.39 | 7.27 | 10.04 | 198.23 |
| SQU-US | 2025-07-17 00:00:00 | 13.11 | 31.28 | 0.38 | 7.21 | 10.05 | 179.81 |
| SQU-US | 2025-07-17 00:15:00 | 13.04 | 30.75 | 0.39 | 7.17 | 10.04 | 217.31 |
| SQU-US | 2025-07-17 00:30:00 | 12.97 | 31.12 | 0.38 | 7.22 | 10.06 | 230.19 |
| SQU-US | 2025-07-17 00:45:00 | 12.90 | 29.95 | 0.38 | 7.18 | 10.07 | 178.42 |
| SQU-US | 2025-07-17 01:00:00 | 12.83 | 29.42 | 0.38 | 7.21 | 10.09 | 182.45 |
| SQU-US | 2025-07-17 01:15:00 | 12.76 | 29.41 | 0.39 | 7.20 | 10.10 | 212.19 |
| SQU-US | 2025-07-17 01:30:00 | 12.69 | 28.95 | 0.39 | 7.19 | 10.12 | 183.80 |
| SQU-US | 2025-07-17 01:45:00 | 12.60 | 29.65 | 0.39 | 7.15 | 10.14 | 183.97 |
| SQU-US | 2025-07-17 02:00:00 | 12.54 | 29.61 | 0.38 | 7.19 | 10.13 | 196.67 |
| SQU-US | 2025-07-17 02:15:00 | 12.46 | 29.74 | 0.37 | 7.17 | 10.14 | 186.43 |
| SQU-US | 2025-07-17 02:30:00 | 12.38 | 29.52 | 0.37 | 7.16 | 10.15 | 184.86 |
| SQU-US | 2025-07-17 02:45:00 | 12.30 | 28.46 | 0.36 | 7.14 | 10.17 | 177.49 |
| SQU-US | 2025-07-17 03:00:00 | 12.22 | 28.44 | 0.37 | 7.12 | 10.20 | 197.39 |
| SQU-US | 2025-07-17 03:15:00 | 12.14 | 27.86 | 0.37 | 7.14 | 10.22 | 163.72 |
| SQU-US | 2025-07-17 03:30:00 | 12.07 | 27.59 | 0.38 | 7.12 | 10.26 | 157.64 |
| SQU-US | 2025-07-17 03:45:00 | 12.00 | 28.30 | 0.38 | 7.17 | 10.26 | 202.70 |
| SQU-US | 2025-07-17 04:00:00 | 11.94 | 28.03 | 0.38 | 7.13 | 10.29 | 198.12 |
| SQU-US | 2025-07-17 04:15:00 | 11.87 | 28.01 | 0.37 | 7.18 | 10.30 | 174.24 |
| SQU-US | 2025-07-17 04:30:00 | 11.83 | 27.66 | 0.37 | 7.20 | 10.31 | 157.80 |
| SQU-US | 2025-07-17 04:45:00 | 11.77 | 26.54 | 0.38 | 7.14 | 10.33 | 187.52 |
| SQU-US | 2025-07-17 05:00:00 | 11.72 | 26.66 | 0.38 | 7.15 | 10.34 | 133.71 |
| SQU-US | 2025-07-17 05:15:00 | 11.69 | 26.56 | 0.38 | 7.12 | 10.36 | 146.78 |
| SQU-US | 2025-07-17 05:30:00 | 11.65 | 26.20 | 0.39 | 7.12 | 10.37 | 152.68 |
| SQU-US | 2025-07-17 05:45:00 | 11.61 | 27.32 | 0.39 | 7.19 | 10.38 | 181.86 |
| SQU-US | 2025-07-17 06:00:00 | 11.59 | 27.08 | 0.39 | 7.16 | 10.38 | 153.15 |
| SQU-US | 2025-07-17 06:15:00 | 11.56 | 27.08 | 0.39 | 7.12 | 10.39 | 159.40 |
| SQU-US | 2025-07-17 06:30:00 | 11.55 | 27.05 | 0.38 | 7.19 | 10.41 | 139.91 |
| SQU-US | 2025-07-17 06:45:00 | 11.54 | 26.40 | 0.38 | 7.14 | 10.40 | 166.35 |
| SQU-US | 2025-07-17 07:00:00 | 11.52 | 26.38 | 0.39 | 7.12 | 10.40 | 163.09 |
| SQU-US | 2025-07-17 07:15:00 | 11.51 | 26.26 | 0.39 | 7.14 | 10.42 | 166.02 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-US | 2025-07-17 07:30:00 | 11.54 | 25.98 | 0.39 | 7.14 | 10.42 | 149.14 |
| SQU-US | 2025-07-17 07:45:00 | 11.56 | 26.83 | 0.39 | 7.17 | 10.42 | 154.78 |
| SQU-US | 2025-07-17 08:00:00 | 11.55 | 27.07 | 0.38 | 7.14 | 10.43 | 176.04 |
| SQU-US | 2025-07-17 08:15:00 | 11.56 | 27.29 | 0.38 | 7.12 | 10.44 | 136.72 |
| SQU-US | 2025-07-17 08:30:00 | 11.60 | 27.24 | 0.38 | 7.15 | 10.45 | 144.43 |
| SQU-US | 2025-07-17 08:45:00 | 11.61 | 26.41 | 0.38 | 7.11 | 10.44 | 141.54 |
| SQU-US | 2025-07-17 09:00:00 | 11.66 | 26.04 | 0.38 | 7.14 | 10.44 | 159.14 |
| SQU-US | 2025-07-17 09:15:00 | 11.68 | 26.36 | 0.38 | 7.14 | 10.44 | 128.80 |
| SQU-US | 2025-07-17 09:30:00 | 11.73 | 26.46 | 0.38 | 7.15 | 10.44 | 121.44 |
| SQU-US | 2025-07-17 09:45:00 | 11.78 | 27.83 | 0.38 | 7.17 | 10.45 | 142.28 |
| SQU-US | 2025-07-17 10:00:00 | 11.82 | 27.86 | 0.37 | 7.20 | 10.46 | 147.97 |
| SQU-US | 2025-07-17 10:15:00 | 11.88 | 27.48 | 0.37 | 7.15 | 10.46 | 127.69 |
| SQU-US | 2025-07-17 10:30:00 | 11.92 | 28.14 | 0.37 | 7.16 | 10.46 | 188.33 |
| SQU-US | 2025-07-17 10:45:00 | 11.98 | 26.88 | 0.37 | 7.15 | 10.46 | 151.85 |
| SQU-US | 2025-07-17 11:00:00 | 12.05 | 26.69 | 0.37 | 7.17 | 10.47 | 146.51 |
| SQU-US | 2025-07-17 11:15:00 | 12.11 | 26.95 | 0.37 | 7.18 | 10.46 | 109.05 |
| SQU-US | 2025-07-17 11:30:00 | 12.18 | 27.04 | 0.38 | 7.16 | 10.45 | 115.65 |
| SQU-US | 2025-07-17 11:45:00 | 12.26 | 28.14 | 0.37 | 7.20 | 10.45 | 154.52 |
| SQU-US | 2025-07-17 12:00:00 | 12.33 | 28.39 | 0.37 | 7.19 | 10.45 | 142.23 |
| SQU-US | 2025-07-17 12:15:00 | 12.41 | 28.81 | 0.37 | 7.18 | 10.45 | 135.18 |
| SQU-US | 2025-07-17 12:30:00 | 12.49 | 28.57 | 0.37 | 7.19 | 10.44 | 138.39 |
| SQU-US | 2025-07-17 12:45:00 | 12.57 | 27.00 | 0.36 | 7.21 | 10.45 | 124.11 |
| SQU-US | 2025-07-17 13:00:00 | 12.64 | 27.94 | 0.37 | 7.18 | 10.43 | 123.79 |
| SQU-US | 2025-07-17 13:15:00 | 12.72 | 28.07 | 0.37 | 7.15 | 10.41 | 109.72 |
| SQU-US | 2025-07-17 13:30:00 | 12.79 | 28.04 | 0.37 | 7.15 | 10.41 | 116.60 |
| SQU-US | 2025-07-17 13:45:00 | 12.87 | 28.42 | 0.37 | 7.18 | 10.41 | 123.44 |
| SQU-US | 2025-07-17 14:00:00 | 12.95 | 28.86 | 0.37 | 7.16 | 10.39 | 140.08 |
| SQU-US | 2025-07-17 14:15:00 | 13.03 | 29.81 | 0.36 | 7.18 | 10.36 | 168.88 |
| SQU-US | 2025-07-17 14:30:00 | 13.10 | 29.76 | 0.36 | 7.17 | 10.34 | 146.90 |
| SQU-US | 2025-07-17 14:45:00 | 13.17 | 28.05 | 0.36 | 7.16 | 10.36 | 110.52 |
| SQU-US | 2025-07-17 15:00:00 | 13.25 | 27.94 | 0.36 | 7.17 | 10.34 | 108.50 |
| SQU-US | 2025-07-17 15:15:00 | 13.31 | 28.74 | 0.37 | 7.16 | 10.32 | 112.61 |
| SQU-US | 2025-07-17 15:30:00 | 13.38 | 28.62 | 0.37 | 7.19 | 10.32 | 98.64 |
| SQU-US | 2025-07-17 15:45:00 | 13.44 | 30.12 | 0.37 | 7.20 | 10.30 | 132.03 |
| SQU-US | 2025-07-17 16:00:00 | 13.50 | 30.46 | 0.36 | 7.21 | 10.28 | 127.61 |
| SQU-US | 2025-07-17 16:15:00 | 13.54 | 30.48 | 0.36 | 7.21 | 10.27 | 109.74 |
| SQU-US | 2025-07-17 16:30:00 | 13.58 | 29.80 | 0.36 | 7.19 | 10.28 | 128.92 |
| SQU-US | 2025-07-17 16:45:00 | 13.63 | 29.98 | 0.36 | 7.15 | 10.24 | 92.45 |
| SQU-US | 2025-07-17 17:00:00 | 13.66 | 29.29 | 0.36 | 7.20 | 10.23 | 97.54 |
| SQU-US | 2025-07-17 17:15:00 | 13.70 | 29.03 | 0.36 | 7.20 | 10.23 | 117.91 |
| SQU-US | 2025-07-17 17:30:00 | 13.74 | 29.85 | 0.37 | 7.19 | 10.18 | 110.42 |
| SQU-US | 2025-07-17 17:45:00 | 13.77 | 30.20 | 0.37 | 7.25 | 10.19 | 170.99 |
| SQU-US | 2025-07-17 18:00:00 | 13.80 | 30.32 | 0.37 | 7.19 | 10.16 | 114.14 |
| SQU-US | 2025-07-17 18:15:00 | 13.81 | 30.33 | 0.36 | 7.22 | 10.14 | 125.51 |
| SQU-US | 2025-07-17 18:30:00 | 13.82 | 30.33 | 0.36 | 7.18 | 10.15 | 105.77 |
| SQU-US | 2025-07-17 18:45:00 | 13.83 | 29.91 | 0.36 | 7.22 | 10.10 | 137.24 |
| SQU-US | 2025-07-17 19:00:00 | 13.83 | 29.75 | 0.36 | 7.22 | 10.08 | 130.89 |
| SQU-US | 2025-07-17 19:15:00 | 13.82 | 28.79 | 0.37 | 7.16 | 10.09 | 107.94 |
| SQU-US | 2025-07-17 19:30:00 | 13.82 | 29.81 | 0.37 | 7.17 | 10.05 | 117.73 |
| SQU-US | 2025-07-17 19:45:00 | 13.81 | 30.61 | 0.37 | 7.23 | 10.04 | 153.23 |
| SQU-US | 2025-07-17 20:00:00 | 13.78 | 30.79 | 0.37 | 7.22 | 10.02 | 127.93 |
| SQU-US | 2025-07-17 20:15:00 | 13.76 | 30.83 | 0.37 | 7.24 | 10.01 | 137.29 |
| SQU-US | 2025-07-17 20:30:00 | 13.74 | 31.23 | 0.37 | 7.23 | 10.00 | 140.82 |
| SQU-US | 2025-07-17 20:45:00 | 13.73 | 29.49 | 0.37 | 7.20 | 9.99 | 132.66 |
| SQU-US | 2025-07-17 21:00:00 | 13.72 | 29.51 | 0.37 | 7.23 | 9.99 | 147.58 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-US | 2025-07-17 21:15:00 | 13.71 | 29.05 | 0.38 | 7.23 | 9.98 | 136.23 |
| SQU-US | 2025-07-17 21:30:00 | 13.71 | 29.15 | 0.38 | 7.22 | 9.97 | 122.79 |
| SQU-US | 2025-07-17 21:45:00 | 13.69 | 30.64 | 0.39 | 7.20 | 9.97 | 161.21 |
| SQU-US | 2025-07-17 22:00:00 | 13.67 | 30.96 | 0.38 | 7.17 | 9.97 | 145.69 |
| SQU-US | 2025-07-17 22:15:00 | 13.64 | 31.02 | 0.38 | 7.24 | 9.96 | 148.80 |
| SQU-US | 2025-07-17 22:30:00 | 13.60 | 30.41 | 0.38 | 7.21 | 9.97 | 170.10 |
| SQU-US | 2025-07-17 22:45:00 | 13.55 | 29.85 | 0.38 | 7.20 | 9.97 | 176.99 |
| SQU-US | 2025-07-17 23:00:00 | 13.49 | 29.63 | 0.38 | 7.23 | 9.97 | 178.37 |
| SQU-US | 2025-07-17 23:15:00 | 13.43 | 29.65 | 0.39 | 7.21 | 9.99 | 173.59 |
| SQU-US | 2025-07-17 23:30:00 | 13.37 | 29.71 | 0.39 | 7.16 | 9.99 | 153.51 |
| SQU-US | 2025-07-17 23:45:00 | 13.31 | 30.70 | 0.39 | 7.26 | 10.00 | 215.88 |
| SQU-US | 2025-07-18 00:00:00 | 13.24 | 30.98 | 0.38 | 7.23 | 10.00 | 183.52 |
| SQU-US | 2025-07-18 00:15:00 | 13.17 | 30.56 | 0.38 | 7.21 | 10.01 | 160.90 |
| SQU-US | 2025-07-18 00:30:00 | 13.10 | 31.37 | 0.38 | 7.18 | 10.02 | 195.16 |
| SQU-US | 2025-07-18 00:45:00 | 13.03 | 30.57 | 0.38 | 7.16 | 10.02 | 186.37 |
| SQU-US | 2025-07-18 01:00:00 | 12.93 | 30.17 | 0.38 | 7.17 | 10.03 | 186.93 |
| SQU-US | 2025-07-18 01:15:00 | 12.87 | 30.24 | 0.39 | 7.15 | 10.03 | 200.36 |
| SQU-US | 2025-07-18 01:30:00 | 12.79 | 29.83 | 0.39 | 7.20 | 10.06 | 177.26 |
| SQU-US | 2025-07-18 01:45:00 | 12.72 | 30.91 | 0.39 | 7.19 | 10.05 | 176.63 |
| SQU-US | 2025-07-18 02:00:00 | 12.65 | 31.36 | 0.38 | 7.11 | 10.05 | 180.12 |
| SQU-US | 2025-07-18 02:15:00 | 12.56 | 30.74 | 0.37 | 7.14 | 10.06 | 204.22 |
| SQU-US | 2025-07-18 02:30:00 | 12.48 | 31.00 | 0.37 | 7.09 | 10.06 | 211.60 |
| SQU-US | 2025-07-18 02:45:00 | 12.40 | 29.29 | 0.36 | 7.10 | 10.09 | 197.85 |
| SQU-US | 2025-07-18 03:00:00 | 12.32 | 28.92 | 0.36 | 7.08 | 10.11 | 201.54 |
| SQU-US | 2025-07-18 03:15:00 | 12.25 | 28.80 | 0.37 | 7.09 | 10.14 | 165.75 |
| SQU-US | 2025-07-18 03:30:00 | 12.18 | 28.57 | 0.37 | 7.10 | 10.15 | 185.62 |
| SQU-US | 2025-07-18 03:45:00 | 12.11 | 29.13 | 0.37 | 7.13 | 10.18 | 217.17 |
| SQU-US | 2025-07-18 04:00:00 | 12.06 | 28.57 | 0.36 | 7.13 | 10.21 | 210.43 |
| SQU-US | 2025-07-18 04:15:00 | 12.01 | 28.58 | 0.37 | 7.13 | 10.22 | 147.13 |
| SQU-US | 2025-07-18 04:30:00 | 11.95 | 28.58 | 0.37 | 7.09 | 10.24 | 161.78 |
| SQU-US | 2025-07-18 04:45:00 | 11.90 | 27.45 | 0.37 | 7.12 | 10.27 | 161.51 |
| SQU-US | 2025-07-18 05:00:00 | 11.86 | 27.19 | 0.37 | 7.15 | 10.28 | 135.14 |
| SQU-US | 2025-07-18 05:15:00 | 11.82 | 27.46 | 0.38 | 7.07 | 10.27 | 159.38 |
| SQU-US | 2025-07-18 05:30:00 | 11.77 | 27.46 | 0.38 | 7.08 | 10.30 | 160.35 |
| SQU-US | 2025-07-18 05:45:00 | 11.74 | 27.86 | 0.38 | 7.15 | 10.30 | 230.64 |
| SQU-US | 2025-07-18 06:00:00 | 11.70 | 27.89 | 0.37 | 7.15 | 10.32 | 159.39 |
| SQU-US | 2025-07-18 06:15:00 | 11.68 | 27.74 | 0.37 | 7.14 | 10.32 | 213.91 |
| SQU-US | 2025-07-18 06:30:00 | 11.65 | 27.90 | 0.37 | 7.16 | 10.33 | 189.59 |
| SQU-US | 2025-07-18 06:45:00 | 11.63 | 26.45 | 0.37 | 7.16 | 10.34 | 174.29 |
| SQU-US | 2025-07-18 07:00:00 | 11.62 | 26.43 | 0.38 | 7.11 | 10.36 | 153.60 |
| SQU-US | 2025-07-18 07:15:00 | 11.62 | 26.06 | 0.38 | 7.13 | 10.35 | 142.17 |
| SQU-US | 2025-07-18 07:30:00 | 11.61 | 26.40 | 0.38 | 7.13 | 10.36 | 162.16 |
| SQU-US | 2025-07-18 07:45:00 | 11.63 | 27.64 | 0.38 | 7.14 | 10.35 | 185.60 |
| SQU-US | 2025-07-18 08:00:00 | 11.64 | 27.96 | 0.37 | 7.14 | 10.36 | 143.34 |
| SQU-US | 2025-07-18 08:15:00 | 11.66 | 27.91 | 0.37 | 7.11 | 10.37 | 159.87 |
| SQU-US | 2025-07-18 08:30:00 | 11.65 | 27.89 | 0.37 | 7.16 | 10.36 | 161.57 |
| SQU-US | 2025-07-18 08:45:00 | 11.64 | 27.09 | 0.37 | 7.15 | 10.37 | 193.02 |
| SQU-US | 2025-07-18 09:00:00 | 11.64 | 26.91 | 0.37 | 7.11 | 10.39 | 164.23 |
| SQU-US | 2025-07-18 09:15:00 | 11.64 | 27.15 | 0.38 | 7.13 | 10.38 | 151.87 |
| SQU-US | 2025-07-18 09:30:00 | 11.64 | 27.15 | 0.38 | 7.13 | 10.39 | 135.08 |
| SQU-US | 2025-07-18 09:45:00 | 11.66 | 27.64 | 0.38 | 7.13 | 10.38 | 168.58 |
| SQU-US | 2025-07-18 10:00:00 | 11.64 | 28.54 | 0.37 | 7.12 | 10.39 | 177.09 |
| SQU-US | 2025-07-18 10:15:00 | 11.65 | 27.95 | 0.37 | 7.11 | 10.41 | 131.86 |
| SQU-US | 2025-07-18 10:30:00 | 11.65 | 28.46 | 0.37 | 7.11 | 10.39 | 143.07 |
| SQU-US | 2025-07-18 10:45:00 | 11.64 | 27.66 | 0.37 | 7.13 | 10.42 | 135.72 |

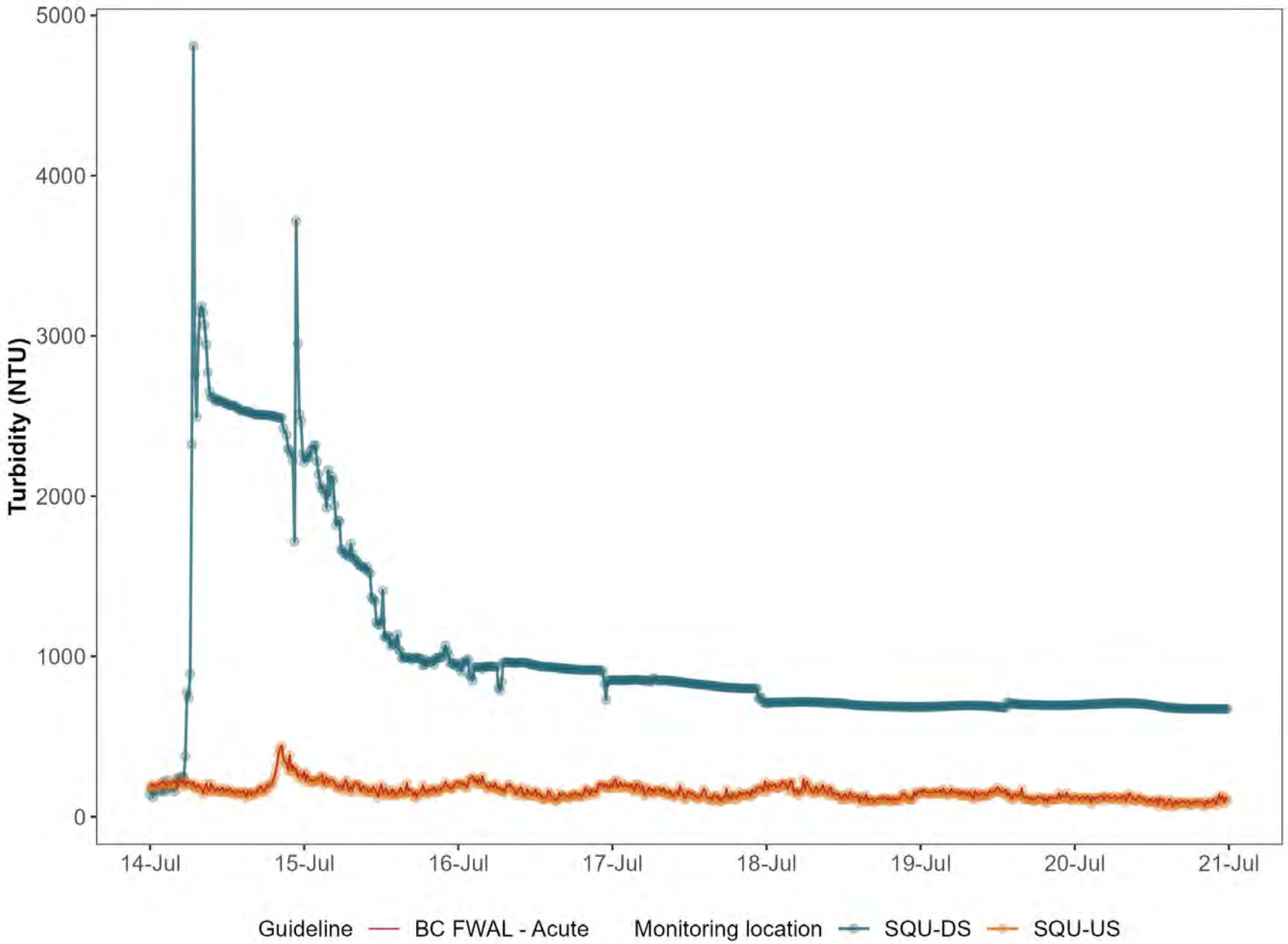
| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-US | 2025-07-18 11:00:00 | 11.68 | 28.47 | 0.37 | 7.10 | 10.40 | 130.24 |
| SQU-US | 2025-07-18 11:15:00 | 11.69 | 28.66 | 0.36 | 7.12 | 10.42 | 136.56 |
| SQU-US | 2025-07-18 11:30:00 | 11.72 | 28.28 | 0.37 | 7.06 | 10.43 | 108.78 |
| SQU-US | 2025-07-18 11:45:00 | 11.84 | 28.65 | 0.36 | 7.12 | 10.44 | 108.12 |
| SQU-US | 2025-07-18 12:00:00 | 11.96 | 27.37 | 0.36 | 7.12 | 10.46 | 129.93 |
| SQU-US | 2025-07-18 12:15:00 | 12.09 | 27.83 | 0.37 | 7.11 | 10.42 | 133.93 |
| SQU-US | 2025-07-18 12:30:00 | 12.18 | 27.48 | 0.37 | 7.09 | 10.44 | 112.75 |
| SQU-US | 2025-07-18 12:45:00 | 12.30 | 27.32 | 0.37 | 7.15 | 10.45 | 109.71 |
| SQU-US | 2025-07-18 13:00:00 | 12.40 | 29.24 | 0.37 | 7.12 | 10.42 | 147.44 |
| SQU-US | 2025-07-18 13:15:00 | 12.50 | 28.68 | 0.36 | 7.21 | 10.44 | 131.83 |
| SQU-US | 2025-07-18 13:30:00 | 12.61 | 29.34 | 0.36 | 7.18 | 10.40 | 114.95 |
| SQU-US | 2025-07-18 13:45:00 | 12.71 | 28.87 | 0.37 | 7.02 | 10.39 | 114.16 |
| SQU-US | 2025-07-18 14:00:00 | 12.81 | 28.22 | 0.36 | 7.15 | 10.39 | 117.79 |
| SQU-US | 2025-07-18 14:15:00 | 12.90 | 27.76 | 0.36 | 7.15 | 10.36 | 128.10 |
| SQU-US | 2025-07-18 14:30:00 | 12.99 | 28.48 | 0.36 | 7.20 | 10.35 | 85.80 |
| SQU-US | 2025-07-18 14:45:00 | 13.07 | 28.17 | 0.36 | 7.15 | 10.36 | 117.47 |
| SQU-US | 2025-07-18 15:00:00 | 13.13 | 29.95 | 0.37 | 7.04 | 10.32 | 109.44 |
| SQU-US | 2025-07-18 15:15:00 | 13.18 | 30.00 | 0.35 | 7.22 | 10.32 | 95.74 |
| SQU-US | 2025-07-18 15:30:00 | 13.20 | 29.66 | 0.35 | 7.16 | 10.32 | 134.81 |
| SQU-US | 2025-07-18 15:45:00 | 13.27 | 29.75 | 0.35 | 7.22 | 10.31 | 91.78 |
| SQU-US | 2025-07-18 16:00:00 | 13.32 | 29.19 | 0.36 | 7.14 | 10.28 | 104.17 |
| SQU-US | 2025-07-18 16:15:00 | 13.33 | 30.22 | 0.36 | 7.14 | 10.24 | 104.68 |
| SQU-US | 2025-07-18 16:30:00 | 13.32 | 28.99 | 0.36 | 7.17 | 10.26 | 106.78 |
| SQU-US | 2025-07-18 16:45:00 | 13.34 | 28.88 | 0.36 | 7.11 | 10.26 | 88.94 |
| SQU-US | 2025-07-18 17:00:00 | 13.34 | 29.93 | 0.36 | 7.17 | 10.24 | 94.59 |
| SQU-US | 2025-07-18 17:15:00 | 13.35 | 29.93 | 0.36 | 7.16 | 10.23 | 100.52 |
| SQU-US | 2025-07-18 17:30:00 | 13.32 | 29.39 | 0.36 | 7.10 | 10.22 | 107.56 |
| SQU-US | 2025-07-18 17:45:00 | 13.32 | 29.98 | 0.36 | 7.12 | 10.21 | 109.61 |
| SQU-US | 2025-07-18 18:00:00 | 13.34 | 29.15 | 0.36 | 7.19 | 10.19 | 98.40 |
| SQU-US | 2025-07-18 18:15:00 | 13.34 | 30.38 | 0.36 | 7.16 | 10.16 | 116.96 |
| SQU-US | 2025-07-18 18:30:00 | 13.32 | 30.87 | 0.36 | 7.14 | 10.14 | 113.54 |
| SQU-US | 2025-07-18 18:45:00 | 13.30 | 30.48 | 0.36 | 7.20 | 10.14 | 99.22 |
| SQU-US | 2025-07-18 19:00:00 | 13.31 | 32.06 | 0.36 | 7.16 | 10.13 | 108.41 |
| SQU-US | 2025-07-18 19:15:00 | 13.30 | 31.86 | 0.36 | 7.19 | 10.12 | 91.68 |
| SQU-US | 2025-07-18 19:30:00 | 13.27 | 32.15 | 0.36 | 7.10 | 10.12 | 115.68 |
| SQU-US | 2025-07-18 19:45:00 | 13.24 | 32.85 | 0.36 | 7.18 | 10.12 | 100.33 |
| SQU-US | 2025-07-18 20:00:00 | 13.20 | 32.35 | 0.36 | 7.15 | 10.13 | 104.72 |
| SQU-US | 2025-07-18 20:15:00 | 13.17 | 32.41 | 0.36 | 7.18 | 10.12 | 104.69 |
| SQU-US | 2025-07-18 20:30:00 | 13.15 | 32.53 | 0.36 | 7.25 | 10.11 | 97.02 |
| SQU-US | 2025-07-18 20:45:00 | 13.15 | 32.68 | 0.37 | 7.22 | 10.10 | 100.55 |
| SQU-US | 2025-07-18 21:00:00 | 13.14 | 32.15 | 0.37 | 7.21 | 10.09 | 126.47 |
| SQU-US | 2025-07-18 21:15:00 | 13.15 | 32.48 | 0.36 | 7.22 | 10.07 | 137.00 |
| SQU-US | 2025-07-18 21:30:00 | 13.15 | 32.13 | 0.36 | 7.25 | 10.06 | 142.65 |
| SQU-US | 2025-07-18 21:45:00 | 13.15 | 31.61 | 0.36 | 7.22 | 10.06 | 117.96 |
| SQU-US | 2025-07-18 22:00:00 | 13.15 | 31.00 | 0.36 | 7.23 | 10.05 | 112.04 |
| SQU-US | 2025-07-18 22:15:00 | 13.14 | 31.20 | 0.37 | 7.14 | 10.07 | 104.96 |
| SQU-US | 2025-07-18 22:30:00 | 13.12 | 31.21 | 0.37 | 7.19 | 10.06 | 107.68 |
| SQU-US | 2025-07-18 22:45:00 | 13.10 | 31.23 | 0.38 | 7.21 | 10.07 | 108.57 |
| SQU-US | 2025-07-18 23:00:00 | 13.09 | 31.57 | 0.38 | 7.14 | 10.07 | 149.71 |
| SQU-US | 2025-07-18 23:15:00 | 13.07 | 31.25 | 0.37 | 7.17 | 10.08 | 125.70 |
| SQU-US | 2025-07-18 23:30:00 | 13.05 | 31.38 | 0.37 | 7.23 | 10.08 | 150.75 |
| SQU-US | 2025-07-18 23:45:00 | 13.02 | 31.64 | 0.37 | 7.24 | 10.08 | 144.27 |
| SQU-US | 2025-07-19 00:00:00 | 12.98 | 31.64 | 0.37 | 7.09 | 10.08 | 153.15 |
| SQU-US | 2025-07-19 00:15:00 | 12.95 | 32.10 | 0.36 | 7.18 | 10.08 | 145.30 |
| SQU-US | 2025-07-19 00:30:00 | 12.91 | 32.33 | 0.36 | 7.16 | 10.09 | 163.15 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-US | 2025-07-19 00:45:00 | 12.86 | 32.05 | 0.37 | 7.11 | 10.08 | 152.05 |
| SQU-US | 2025-07-19 01:00:00 | 12.82 | 32.68 | 0.37 | 7.04 | 10.09 | 139.94 |
| SQU-US | 2025-07-19 01:15:00 | 12.78 | 33.23 | 0.35 | 7.18 | 10.09 | 143.95 |
| SQU-US | 2025-07-19 01:30:00 | 12.73 | 33.11 | 0.35 | 7.19 | 10.10 | 149.54 |
| SQU-US | 2025-07-19 01:45:00 | 12.68 | 32.74 | 0.35 | 7.21 | 10.11 | 142.58 |
| SQU-US | 2025-07-19 02:00:00 | 12.62 | 31.27 | 0.35 | 7.11 | 10.10 | 143.88 |
| SQU-US | 2025-07-19 02:15:00 | 12.56 | 31.45 | 0.35 | 7.04 | 10.09 | 158.83 |
| SQU-US | 2025-07-19 02:30:00 | 12.49 | 30.57 | 0.35 | 6.99 | 10.09 | 146.10 |
| SQU-US | 2025-07-19 02:45:00 | 12.42 | 30.67 | 0.34 | 7.09 | 10.11 | 144.67 |
| SQU-US | 2025-07-19 03:00:00 | 12.35 | 32.50 | 0.34 | 7.08 | 10.10 | 159.61 |
| SQU-US | 2025-07-19 03:15:00 | 12.27 | 32.01 | 0.34 | 7.06 | 10.12 | 143.57 |
| SQU-US | 2025-07-19 03:30:00 | 12.22 | 32.06 | 0.34 | 7.13 | 10.13 | 170.63 |
| SQU-US | 2025-07-19 03:45:00 | 12.15 | 31.16 | 0.34 | 7.14 | 10.17 | 150.49 |
| SQU-US | 2025-07-19 04:00:00 | 12.09 | 30.86 | 0.34 | 7.06 | 10.19 | 135.86 |
| SQU-US | 2025-07-19 04:15:00 | 12.03 | 30.65 | 0.35 | 7.07 | 10.22 | 142.38 |
| SQU-US | 2025-07-19 04:30:00 | 11.98 | 30.54 | 0.35 | 7.02 | 10.23 | 139.64 |
| SQU-US | 2025-07-19 04:45:00 | 11.92 | 29.90 | 0.35 | 7.10 | 10.25 | 167.37 |
| SQU-US | 2025-07-19 05:00:00 | 11.86 | 29.52 | 0.35 | 7.13 | 10.27 | 150.54 |
| SQU-US | 2025-07-19 05:15:00 | 11.81 | 29.56 | 0.35 | 7.16 | 10.27 | 144.97 |
| SQU-US | 2025-07-19 05:30:00 | 11.75 | 28.97 | 0.35 | 7.14 | 10.31 | 145.43 |
| SQU-US | 2025-07-19 05:45:00 | 11.71 | 28.83 | 0.35 | 7.15 | 10.31 | 145.37 |
| SQU-US | 2025-07-19 06:00:00 | 11.68 | 29.01 | 0.36 | 7.03 | 10.33 | 132.32 |
| SQU-US | 2025-07-19 06:15:00 | 11.64 | 28.58 | 0.36 | 7.06 | 10.33 | 151.88 |
| SQU-US | 2025-07-19 06:30:00 | 11.60 | 28.60 | 0.36 | 7.11 | 10.35 | 132.20 |
| SQU-US | 2025-07-19 06:45:00 | 11.58 | 28.63 | 0.36 | 7.09 | 10.36 | 150.01 |
| SQU-US | 2025-07-19 07:00:00 | 11.56 | 28.38 | 0.36 | 7.09 | 10.37 | 133.86 |
| SQU-US | 2025-07-19 07:15:00 | 11.54 | 28.83 | 0.35 | 7.13 | 10.38 | 127.51 |
| SQU-US | 2025-07-19 07:30:00 | 11.53 | 28.41 | 0.35 | 7.14 | 10.40 | 149.95 |
| SQU-US | 2025-07-19 07:45:00 | 11.53 | 28.95 | 0.36 | 7.07 | 10.39 | 139.40 |
| SQU-US | 2025-07-19 08:00:00 | 11.53 | 28.43 | 0.36 | 7.08 | 10.41 | 116.80 |
| SQU-US | 2025-07-19 08:15:00 | 11.55 | 28.44 | 0.36 | 7.12 | 10.43 | 110.56 |
| SQU-US | 2025-07-19 08:30:00 | 11.58 | 28.33 | 0.36 | 7.11 | 10.43 | 155.78 |
| SQU-US | 2025-07-19 08:45:00 | 11.58 | 28.19 | 0.36 | 7.07 | 10.44 | 131.01 |
| SQU-US | 2025-07-19 09:00:00 | 11.59 | 27.86 | 0.36 | 7.16 | 10.45 | 129.12 |
| SQU-US | 2025-07-19 09:15:00 | 11.59 | 28.10 | 0.36 | 7.13 | 10.47 | 123.99 |
| SQU-US | 2025-07-19 09:30:00 | 11.60 | 27.67 | 0.36 | 7.17 | 10.47 | 143.67 |
| SQU-US | 2025-07-19 09:45:00 | 11.62 | 27.63 | 0.36 | 7.15 | 10.50 | 138.96 |
| SQU-US | 2025-07-19 10:00:00 | 11.68 | 27.85 | 0.36 | 7.11 | 10.48 | 130.02 |
| SQU-US | 2025-07-19 10:15:00 | 11.73 | 28.42 | 0.36 | 7.09 | 10.48 | 125.35 |
| SQU-US | 2025-07-19 10:30:00 | 11.81 | 27.50 | 0.36 | 7.12 | 10.51 | 133.68 |
| SQU-US | 2025-07-19 10:45:00 | 11.90 | 27.69 | 0.36 | 7.13 | 10.50 | 157.71 |
| SQU-US | 2025-07-19 11:00:00 | 11.98 | 28.29 | 0.36 | 7.16 | 10.50 | 141.87 |
| SQU-US | 2025-07-19 11:15:00 | 12.03 | 28.32 | 0.35 | 7.19 | 10.49 | 147.74 |
| SQU-US | 2025-07-19 11:30:00 | 12.08 | 28.10 | 0.35 | 7.19 | 10.48 | 153.22 |
| SQU-US | 2025-07-19 11:45:00 | 12.14 | 27.77 | 0.35 | 7.21 | 10.51 | 162.42 |
| SQU-US | 2025-07-19 12:00:00 | 12.22 | 28.54 | 0.36 | 7.12 | 10.47 | 181.62 |
| SQU-US | 2025-07-19 12:15:00 | 12.31 | 28.53 | 0.35 | 7.14 | 10.48 | 161.71 |
| SQU-US | 2025-07-19 12:30:00 | 12.40 | 28.86 | 0.36 | 7.13 | 10.47 | 151.15 |
| SQU-US | 2025-07-19 12:45:00 | 12.47 | 29.81 | 0.36 | 7.06 | 10.43 | 144.11 |
| SQU-US | 2025-07-19 13:00:00 | 12.55 | 28.97 | 0.36 | 7.18 | 10.44 | 152.86 |
| SQU-US | 2025-07-19 13:15:00 | 12.65 | 29.22 | 0.35 | 7.18 | 10.44 | 162.69 |
| SQU-US | 2025-07-19 13:30:00 | 12.76 | 29.72 | 0.35 | 7.20 | 10.42 | 125.79 |
| SQU-US | 2025-07-19 13:45:00 | 12.84 | 29.96 | 0.36 | 7.17 | 10.41 | 143.75 |
| SQU-US | 2025-07-19 14:00:00 | 12.90 | 28.82 | 0.36 | 7.16 | 10.44 | 117.67 |
| SQU-US | 2025-07-19 14:15:00 | 12.96 | 29.28 | 0.36 | 7.19 | 10.42 | 105.32 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-US | 2025-07-19 14:30:00 | 13.01 | 29.63 | 0.36 | 7.20 | 10.41 | 134.10 |
| SQU-US | 2025-07-19 14:45:00 | 13.09 | 30.12 | 0.36 | 7.18 | 10.40 | 135.32 |
| SQU-US | 2025-07-19 15:00:00 | 13.16 | 30.15 | 0.36 | 7.20 | 10.39 | 119.76 |
| SQU-US | 2025-07-19 15:15:00 | 13.21 | 30.56 | 0.36 | 7.12 | 10.36 | 132.40 |
| SQU-US | 2025-07-19 15:30:00 | 13.29 | 30.75 | 0.35 | 7.25 | 10.34 | 132.58 |
| SQU-US | 2025-07-19 15:45:00 | 13.34 | 30.74 | 0.35 | 7.25 | 10.34 | 172.07 |
| SQU-US | 2025-07-19 16:00:00 | 13.40 | 31.02 | 0.35 | 7.17 | 10.31 | 111.57 |
| SQU-US | 2025-07-19 16:15:00 | 13.45 | 30.81 | 0.35 | 7.17 | 10.31 | 109.82 |
| SQU-US | 2025-07-19 16:30:00 | 13.50 | 31.04 | 0.35 | 7.17 | 10.29 | 123.78 |
| SQU-US | 2025-07-19 16:45:00 | 13.54 | 31.48 | 0.35 | 7.17 | 10.27 | 106.72 |
| SQU-US | 2025-07-19 17:00:00 | 13.57 | 31.71 | 0.35 | 7.21 | 10.25 | 110.79 |
| SQU-US | 2025-07-19 17:15:00 | 13.55 | 31.87 | 0.34 | 7.23 | 10.24 | 110.13 |
| SQU-US | 2025-07-19 17:30:00 | 13.54 | 32.22 | 0.34 | 7.23 | 10.22 | 94.96 |
| SQU-US | 2025-07-19 17:45:00 | 13.56 | 32.03 | 0.34 | 7.24 | 10.21 | 103.25 |
| SQU-US | 2025-07-19 18:00:00 | 13.58 | 32.25 | 0.35 | 7.17 | 10.21 | 104.76 |
| SQU-US | 2025-07-19 18:15:00 | 13.60 | 33.24 | 0.35 | 7.17 | 10.16 | 125.55 |
| SQU-US | 2025-07-19 18:30:00 | 13.60 | 32.97 | 0.35 | 7.16 | 10.17 | 110.11 |
| SQU-US | 2025-07-19 18:45:00 | 13.56 | 32.28 | 0.35 | 7.16 | 10.17 | 113.60 |
| SQU-US | 2025-07-19 19:00:00 | 13.52 | 33.18 | 0.35 | 7.21 | 10.15 | 115.73 |
| SQU-US | 2025-07-19 19:15:00 | 13.50 | 33.14 | 0.35 | 7.22 | 10.15 | 90.03 |
| SQU-US | 2025-07-19 19:30:00 | 13.46 | 33.36 | 0.35 | 7.20 | 10.14 | 110.43 |
| SQU-US | 2025-07-19 19:45:00 | 13.42 | 33.19 | 0.35 | 7.23 | 10.13 | 85.56 |
| SQU-US | 2025-07-19 20:00:00 | 13.38 | 33.44 | 0.35 | 7.16 | 10.11 | 119.88 |
| SQU-US | 2025-07-19 20:15:00 | 13.33 | 32.71 | 0.35 | 7.16 | 10.12 | 105.99 |
| SQU-US | 2025-07-19 20:30:00 | 13.32 | 33.02 | 0.36 | 7.09 | 10.09 | 107.83 |
| SQU-US | 2025-07-19 20:45:00 | 13.29 | 32.96 | 0.35 | 7.15 | 10.08 | 107.47 |
| SQU-US | 2025-07-19 21:00:00 | 13.27 | 33.31 | 0.35 | 7.20 | 10.07 | 109.27 |
| SQU-US | 2025-07-19 21:15:00 | 13.26 | 32.88 | 0.35 | 7.16 | 10.06 | 108.49 |
| SQU-US | 2025-07-19 21:30:00 | 13.25 | 32.48 | 0.35 | 7.24 | 10.07 | 142.64 |
| SQU-US | 2025-07-19 21:45:00 | 13.23 | 32.72 | 0.36 | 7.25 | 10.06 | 105.66 |
| SQU-US | 2025-07-19 22:00:00 | 13.21 | 32.15 | 0.36 | 7.17 | 10.07 | 128.42 |
| SQU-US | 2025-07-19 22:15:00 | 13.18 | 32.59 | 0.37 | 7.17 | 10.06 | 118.56 |
| SQU-US | 2025-07-19 22:30:00 | 13.14 | 32.35 | 0.37 | 7.19 | 10.07 | 113.39 |
| SQU-US | 2025-07-19 22:45:00 | 13.10 | 32.40 | 0.37 | 7.18 | 10.07 | 146.44 |
| SQU-US | 2025-07-19 23:00:00 | 13.06 | 32.09 | 0.37 | 7.24 | 10.08 | 115.39 |
| SQU-US | 2025-07-19 23:15:00 | 13.01 | 32.11 | 0.37 | 7.22 | 10.08 | 113.57 |
| SQU-US | 2025-07-19 23:30:00 | 12.95 | 32.11 | 0.37 | 7.23 | 10.10 | 99.90 |
| SQU-US | 2025-07-19 23:45:00 | 12.89 | 32.28 | 0.37 | 7.23 | 10.10 | 107.06 |
| SQU-US | 2025-07-20 00:00:00 | 12.84 | 32.62 | 0.38 | 7.15 | 10.09 | 120.72 |
| SQU-US | 2025-07-20 00:15:00 | 12.78 | 32.54 | 0.38 | 7.16 | 10.11 | 124.53 |
| SQU-US | 2025-07-20 00:30:00 | 12.71 | 32.95 | 0.38 | 7.16 | 10.11 | 114.26 |
| SQU-US | 2025-07-20 00:45:00 | 12.65 | 32.59 | 0.38 | 7.16 | 10.14 | 98.70 |
| SQU-US | 2025-07-20 01:00:00 | 12.59 | 32.95 | 0.38 | 7.23 | 10.13 | 113.24 |
| SQU-US | 2025-07-20 01:15:00 | 12.53 | 34.00 | 0.36 | 7.22 | 10.12 | 121.43 |
| SQU-US | 2025-07-20 01:30:00 | 12.45 | 34.04 | 0.36 | 7.23 | 10.15 | 106.89 |
| SQU-US | 2025-07-20 01:45:00 | 12.40 | 34.13 | 0.36 | 7.26 | 10.15 | 104.66 |
| SQU-US | 2025-07-20 02:00:00 | 12.34 | 35.19 | 0.37 | 7.16 | 10.14 | 123.12 |
| SQU-US | 2025-07-20 02:15:00 | 12.28 | 34.72 | 0.37 | 7.15 | 10.14 | 112.75 |
| SQU-US | 2025-07-20 02:30:00 | 12.24 | 35.59 | 0.36 | 7.12 | 10.11 | 82.23 |
| SQU-US | 2025-07-20 02:45:00 | 12.18 | 34.78 | 0.36 | 7.02 | 10.13 | 119.72 |
| SQU-US | 2025-07-20 03:00:00 | 12.13 | 35.74 | 0.35 | 7.14 | 10.12 | 98.07 |
| SQU-US | 2025-07-20 03:15:00 | 12.07 | 34.89 | 0.34 | 7.16 | 10.14 | 114.63 |
| SQU-US | 2025-07-20 03:30:00 | 12.01 | 34.38 | 0.34 | 7.15 | 10.16 | 108.94 |
| SQU-US | 2025-07-20 03:45:00 | 11.96 | 34.18 | 0.35 | 6.99 | 10.17 | 116.26 |
| SQU-US | 2025-07-20 04:00:00 | 11.91 | 33.80 | 0.35 | 7.09 | 10.21 | 119.23 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-US | 2025-07-20 04:15:00 | 11.86 | 33.11 | 0.35 | 7.09 | 10.23 | 128.49 |
| SQU-US | 2025-07-20 04:30:00 | 11.81 | 33.07 | 0.35 | 7.09 | 10.24 | 98.04 |
| SQU-US | 2025-07-20 04:45:00 | 11.76 | 32.78 | 0.35 | 7.09 | 10.27 | 117.34 |
| SQU-US | 2025-07-20 05:00:00 | 11.72 | 32.88 | 0.35 | 7.18 | 10.28 | 125.26 |
| SQU-US | 2025-07-20 05:15:00 | 11.68 | 32.27 | 0.35 | 7.12 | 10.31 | 116.51 |
| SQU-US | 2025-07-20 05:30:00 | 11.64 | 32.09 | 0.36 | 7.02 | 10.30 | 113.69 |
| SQU-US | 2025-07-20 05:45:00 | 11.61 | 31.97 | 0.36 | 7.18 | 10.31 | 111.23 |
| SQU-US | 2025-07-20 06:00:00 | 11.58 | 32.00 | 0.36 | 7.12 | 10.32 | 116.82 |
| SQU-US | 2025-07-20 06:15:00 | 11.55 | 31.71 | 0.36 | 7.07 | 10.35 | 128.06 |
| SQU-US | 2025-07-20 06:30:00 | 11.52 | 31.91 | 0.36 | 7.11 | 10.35 | 103.17 |
| SQU-US | 2025-07-20 06:45:00 | 11.50 | 31.79 | 0.36 | 7.11 | 10.36 | 114.65 |
| SQU-US | 2025-07-20 07:00:00 | 11.49 | 31.67 | 0.36 | 7.16 | 10.37 | 116.38 |
| SQU-US | 2025-07-20 07:15:00 | 11.48 | 31.68 | 0.36 | 7.10 | 10.37 | 104.31 |
| SQU-US | 2025-07-20 07:30:00 | 11.47 | 31.99 | 0.35 | 7.18 | 10.38 | 127.30 |
| SQU-US | 2025-07-20 07:45:00 | 11.46 | 31.90 | 0.35 | 7.18 | 10.40 | 121.58 |
| SQU-US | 2025-07-20 08:00:00 | 11.46 | 31.38 | 0.36 | 7.13 | 10.40 | 90.60 |
| SQU-US | 2025-07-20 08:15:00 | 11.46 | 31.39 | 0.36 | 7.11 | 10.42 | 112.16 |
| SQU-US | 2025-07-20 08:30:00 | 11.46 | 31.64 | 0.36 | 7.13 | 10.42 | 141.99 |
| SQU-US | 2025-07-20 08:45:00 | 11.46 | 31.73 | 0.36 | 7.14 | 10.41 | 127.21 |
| SQU-US | 2025-07-20 09:00:00 | 11.47 | 31.90 | 0.36 | 7.18 | 10.43 | 109.98 |
| SQU-US | 2025-07-20 09:15:00 | 11.48 | 31.77 | 0.36 | 7.16 | 10.44 | 99.94 |
| SQU-US | 2025-07-20 09:30:00 | 11.49 | 31.74 | 0.36 | 7.20 | 10.45 | 97.22 |
| SQU-US | 2025-07-20 09:45:00 | 11.51 | 31.48 | 0.37 | 7.08 | 10.46 | 107.15 |
| SQU-US | 2025-07-20 10:00:00 | 11.54 | 31.87 | 0.36 | 7.10 | 10.46 | 126.32 |
| SQU-US | 2025-07-20 10:15:00 | 11.58 | 31.96 | 0.36 | 7.11 | 10.45 | 114.52 |
| SQU-US | 2025-07-20 10:30:00 | 11.59 | 32.14 | 0.37 | 7.03 | 10.45 | 106.04 |
| SQU-US | 2025-07-20 10:45:00 | 11.62 | 32.13 | 0.36 | 7.14 | 10.44 | 108.59 |
| SQU-US | 2025-07-20 11:00:00 | 11.67 | 32.78 | 0.37 | 7.07 | 10.44 | 94.96 |
| SQU-US | 2025-07-20 11:15:00 | 11.75 | 32.84 | 0.35 | 7.21 | 10.43 | 87.10 |
| SQU-US | 2025-07-20 11:30:00 | 11.83 | 32.84 | 0.35 | 7.16 | 10.43 | 93.13 |
| SQU-US | 2025-07-20 11:45:00 | 11.91 | 32.92 | 0.35 | 7.17 | 10.43 | 103.23 |
| SQU-US | 2025-07-20 12:00:00 | 11.97 | 32.71 | 0.36 | 7.07 | 10.45 | 91.60 |
| SQU-US | 2025-07-20 12:15:00 | 12.07 | 32.76 | 0.36 | 7.15 | 10.43 | 88.21 |
| SQU-US | 2025-07-20 12:30:00 | 12.22 | 32.73 | 0.36 | 7.10 | 10.43 | 90.62 |
| SQU-US | 2025-07-20 12:45:00 | 12.38 | 32.58 | 0.36 | 7.17 | 10.44 | 104.25 |
| SQU-US | 2025-07-20 13:00:00 | 12.52 | 32.99 | 0.36 | 7.20 | 10.42 | 64.19 |
| SQU-US | 2025-07-20 13:15:00 | 12.68 | 33.01 | 0.35 | 7.21 | 10.40 | 107.60 |
| SQU-US | 2025-07-20 13:30:00 | 12.80 | 32.90 | 0.35 | 7.17 | 10.39 | 89.82 |
| SQU-US | 2025-07-20 13:45:00 | 12.90 | 32.70 | 0.35 | 7.24 | 10.39 | 101.09 |
| SQU-US | 2025-07-20 14:00:00 | 12.98 | 32.74 | 0.36 | 7.17 | 10.39 | 66.79 |
| SQU-US | 2025-07-20 14:15:00 | 13.07 | 32.81 | 0.36 | 7.20 | 10.38 | 67.20 |
| SQU-US | 2025-07-20 14:30:00 | 13.15 | 32.97 | 0.36 | 7.17 | 10.36 | 82.42 |
| SQU-US | 2025-07-20 14:45:00 | 13.20 | 32.58 | 0.36 | 7.18 | 10.35 | 103.56 |
| SQU-US | 2025-07-20 15:00:00 | 13.27 | 32.81 | 0.36 | 7.26 | 10.36 | 90.16 |
| SQU-US | 2025-07-20 15:15:00 | 13.33 | 32.71 | 0.36 | 7.24 | 10.35 | 62.62 |
| SQU-US | 2025-07-20 15:30:00 | 13.39 | 33.42 | 0.36 | 7.22 | 10.32 | 77.15 |
| SQU-US | 2025-07-20 15:45:00 | 13.44 | 33.26 | 0.37 | 7.22 | 10.33 | 94.00 |
| SQU-US | 2025-07-20 16:00:00 | 13.48 | 33.54 | 0.37 | 7.23 | 10.30 | 70.67 |
| SQU-US | 2025-07-20 16:15:00 | 13.51 | 33.66 | 0.37 | 7.25 | 10.31 | 82.87 |
| SQU-US | 2025-07-20 16:30:00 | 13.54 | 33.57 | 0.37 | 7.24 | 10.30 | 81.76 |
| SQU-US | 2025-07-20 16:45:00 | 13.59 | 34.14 | 0.37 | 7.22 | 10.29 | 93.78 |
| SQU-US | 2025-07-20 17:00:00 | 13.65 | 34.71 | 0.37 | 7.23 | 10.27 | 85.55 |

| Squamish River | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| SQU-US | 2025-07-20 17:15:00 | 13.69 | 35.89 | 0.36 | 7.26 | 10.24 | 79.08 |
| SQU-US | 2025-07-20 17:30:00 | 13.69 | 36.04 | 0.36 | 7.25 | 10.20 | 88.45 |
| SQU-US | 2025-07-20 17:45:00 | 13.65 | 36.02 | 0.35 | 7.25 | 10.20 | 89.22 |
| SQU-US | 2025-07-20 18:00:00 | 13.59 | 35.84 | 0.35 | 7.17 | 10.18 | 73.07 |
| SQU-US | 2025-07-20 18:15:00 | 13.54 | 36.91 | 0.35 | 7.16 | 10.15 | 73.33 |
| SQU-US | 2025-07-20 18:30:00 | 13.50 | 38.13 | 0.35 | 7.17 | 10.13 | 83.50 |
| SQU-US | 2025-07-20 18:45:00 | 13.46 | 38.01 | 0.35 | 7.15 | 10.08 | 90.25 |
| SQU-US | 2025-07-20 19:00:00 | 13.41 | 38.39 | 0.34 | 7.19 | 10.09 | 81.24 |
| SQU-US | 2025-07-20 19:15:00 | 13.37 | 37.98 | 0.34 | 7.20 | 10.11 | 89.10 |
| SQU-US | 2025-07-20 19:30:00 | 13.32 | 37.45 | 0.34 | 7.23 | 10.09 | 88.19 |
| SQU-US | 2025-07-20 19:45:00 | 13.28 | 37.55 | 0.34 | 7.22 | 10.09 | 86.86 |
| SQU-US | 2025-07-20 20:00:00 | 13.23 | 37.23 | 0.35 | 7.16 | 10.09 | 78.14 |
| SQU-US | 2025-07-20 20:15:00 | 13.21 | 37.13 | 0.35 | 7.14 | 10.07 | 62.12 |
| SQU-US | 2025-07-20 20:30:00 | 13.19 | 37.29 | 0.35 | 7.17 | 10.07 | 95.75 |
| SQU-US | 2025-07-20 20:45:00 | 13.19 | 36.85 | 0.35 | 7.16 | 10.06 | 77.61 |
| SQU-US | 2025-07-20 21:00:00 | 13.19 | 37.02 | 0.35 | 7.20 | 10.04 | 85.40 |
| SQU-US | 2025-07-20 21:15:00 | 13.18 | 36.66 | 0.35 | 7.20 | 10.01 | 81.83 |
| SQU-US | 2025-07-20 21:30:00 | 13.16 | 36.07 | 0.35 | 7.24 | 10.03 | 102.75 |
| SQU-US | 2025-07-20 21:45:00 | 13.15 | 36.32 | 0.35 | 7.23 | 10.01 | 91.79 |
| SQU-US | 2025-07-20 22:00:00 | 13.14 | 36.02 | 0.35 | 7.15 | 10.01 | 71.52 |
| SQU-US | 2025-07-20 22:15:00 | 13.12 | 36.09 | 0.36 | 7.12 | 10.00 | 100.98 |
| SQU-US | 2025-07-20 22:30:00 | 13.11 | 35.99 | 0.36 | 7.16 | 10.01 | 134.00 |
| SQU-US | 2025-07-20 22:45:00 | 13.09 | 35.88 | 0.36 | 7.19 | 10.01 | 95.79 |
| SQU-US | 2025-07-20 23:00:00 | 13.08 | 35.41 | 0.36 | 7.19 | 10.01 | 125.54 |
| SQU-US | 2025-07-20 23:15:00 | 13.05 | 35.82 | 0.36 | 7.20 | 10.02 | 82.17 |
| SQU-US | 2025-07-20 23:30:00 | 13.02 | 35.39 | 0.36 | 7.23 | 10.03 | 113.55 |
| SQU-US | 2025-07-20 23:45:00 | 12.98 | 35.01 | 0.37 | 7.22 | 10.05 | 102.99 |


5000
4000
3000
2000
1000
0
Turbidity (NTU)
14-Jul
15-Jul
16-Jul
17-Jul
18-Jul
19-Jul
20-Jul
21-Jul
Guideline
BC FWAL - Acute
Monitoring location
SQU-DS
SQU-US

# Water Quality Field Data Sheet

**Project: FORTIS11234**

## Location Information

| | | | |
|---|---|---|---|
| **Site ID:** | SQU DS | **Date:** | July 15, 2025 |
| **Site Name:** | Squamish River | **Time:** | 14:20 |
| **Site UTM:** | Zone: E: | **Crew:** | HM |
| (NAD83) | N: | **Weather:** | Clear |

## *In Situ* Parameters

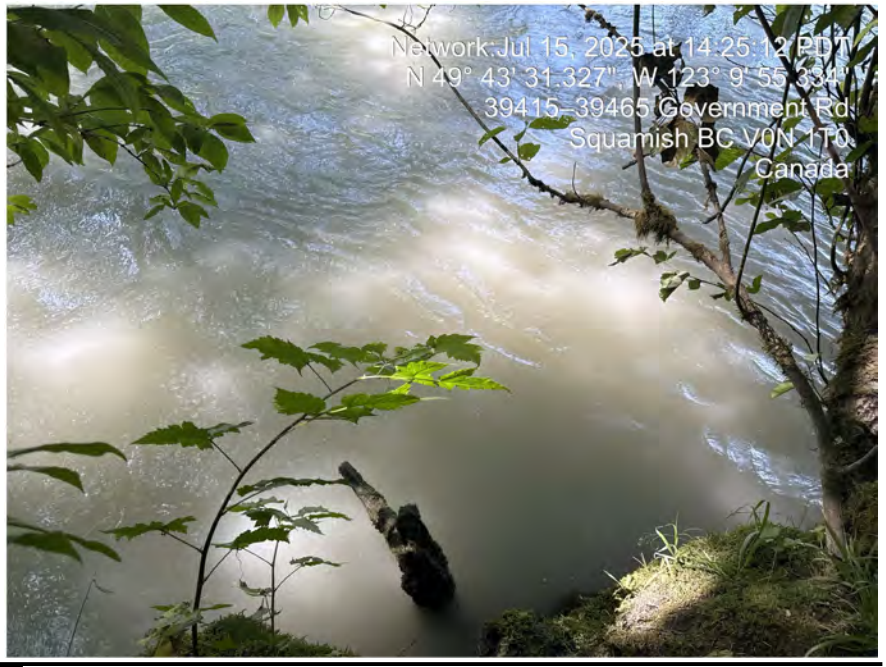
| | | | | |
|---|---|---|---|---|
| pH: | 7.63 | | DO: | (mg/L) |
| Temp.: | 10.7 | (°C) | Cond: | 54 (us) |
| Turbidity: | 37.2 | NTU | | |

**Visible Sheen:** N

**Water Surface Condition:** Turbid

## Photo Record

Photo




## Observations

1. High water levels
2. Very turbid surface

# Water Quality Field Data Sheet

**Project: FORTIS11234**

## Location Information

| | | | |
|---|---|---|---|
| **Site ID:** | SQU US | **Date:** | July 15, 2025 |
| **Site Name:** | Squamish River | **Time:** | 14:00 |
| **Site UTM:** | Zone: E: | **Crew:** | HM |
| (NAD83) | N: | **Weather:** | Clear |

## *In Situ* Parameters

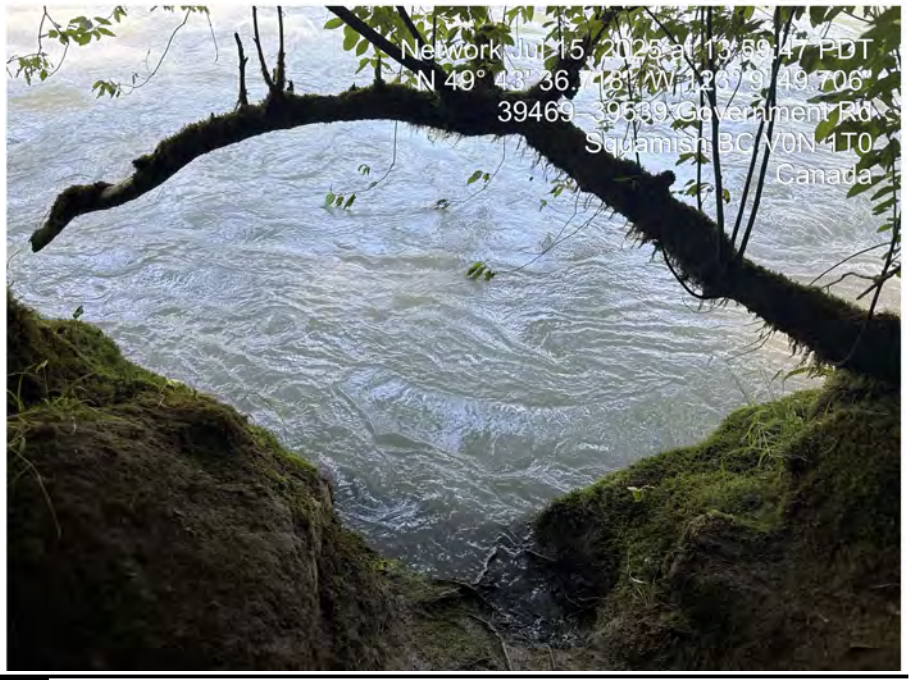
| | | | |
|---|---|---|---|
| pH: | 6.67 | DO: | (mg/L) |
| Temp.: | 15 (°C) | Cond: | 28 (us) |
| Turbidity: | 121 NTU | | |

**Visible Sheen:** N

**Water Surface Condition:** Turbid

## Photo Record

Photo




## Observations

1. High water levels
2. Very turbid surface

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

# Woodfibre Site Sample Analysis

| *Analyte* | Unit | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] | **WLNG EOP 2025-07-15 09:50:00 [2]** |
|---|---|---|---|
| **In situ Parameters** | | | |
| **Field pH** | **pH Units** | 6.5 - 9 | 6.7 |
| **Field Temperature** | **°C** | 19 | 13.6 |
| **General Parameters** | | | |
| **pH** | **pH Units** | | 7.52 |
| **Alkalinity (Total as $CaCO_3$)** | **mg/L** | | 48 |
| **Alkalinity (PP as $CaCO_3$)** | **mg/L** | | <1 |
| **Hardness ($CaCO_3$)-Total** | **mg/L** | | 48.7 |
| **Hardness ($CaCO_3$)-Dissolved** | **mg/L** | | 50.3 |
| **Sulphide-Total** | **mg/L** | | <0.0018 |
| **Sulphide (as $H_2S$)** | **mg/L** | | <0.002 |
| **Un-ionized Hydrogen Sulfide as $H_2S$-Total** | **mg/L** | | <0.0019 |
| **Un-ionized Hydrogen Sulfide as S-Total** | **mg/L** | | <0.0018 |
| **Anions and Nutrients** | | | |
| **Ammonia (N)-Total** | **mg/L** | 23.1 | <0.015 |
| **Bicarbonate ($HCO_3$)** | **mg/L** | | 59 |
| **Carbonate ($CO_3$)** | **mg/L** | | <1 |
| **Hydroxide (OH)** | **mg/L** | | <1 |
| **Nitrate (N)** | **mg/L** | 32.8 | <0.02 |
| **Nitrite (N)** | **mg/L** | 0.6 | <0.005 |
| **Nitrate plus Nitrite (N)** | **mg/L** | | <0.02 |
| **Nitrogen (N)-Total** | **mg/L** | | 0.17 |
| **Phosphorus (P)-Total (4500-P)** | **mg/L** | | 0.0035 |
| **Bromide (Br)** | **mg/L** | | <0.01 |
| **Chloride (Cl)** | **mg/L** | 600 | 13 |
| **Fluoride (F)** | **mg/L** | 1.045 | 0.18 |
| **Sulphate ($SO_4$)-Dissolved** | **mg/L** | | 8.3 |

| *Analyte* | Unit | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] | WLNG EOP 2025-07-15 09:50:00 [2] |
|---|---|---|---|
| **Total Metals** | | | |
| **Aluminum (Al)-Total** | mg/L | | 0.108 |
| **Antimony (Sb)-Total** | mg/L | 0.25 | 0.00101 |
| **Arsenic (As)-Total** | mg/L | | 0.00132 |
| **Barium (Ba)-Total** | mg/L | | 0.01 |
| **Beryllium (Be)-Total** | mg/L | | <0.00001 |
| **Bismuth (Bi)-Total** | mg/L | | <0.00001 |
| **Boron (B)-Total** | mg/L | | 0.017 |
| **Cadmium (Cd)-Total** | mg/L | | 0.0000293 |
| **Calcium (Ca)-Total** | mg/L | | 18.1 |
| **Cesium (Cs)-Total** | mg/L | | <0.00005 |
| **Chromium (Cr)-Total** | mg/L | | <0.0001 |
| **Chromium (Cr III)-Total** | mg/L | | <0.00099 |
| **Chromium (Cr VI)-Total** | mg/L | | <0.00099 |
| **Cobalt (Co)-Total** | mg/L | 0.11 | 0.000069 |
| **Copper (Cu)-Total** | mg/L | | 0.00057 |
| **Iron (Fe)-Total** | mg/L | 1 | 0.0318 |
| **Lead (Pb)-Total** | mg/L | | 0.00005 |
| **Lithium (Li)-Total** | mg/L | | 0.00657 |
| **Magnesium (Mg)-Total** | mg/L | | 0.88 |
| **Manganese (Mn)-Total** | mg/L | 1.077 | 0.0557 |
| **Mercury (Hg)-Total** | mg/L | | <0.0000019 |
| **Molybdenum (Mo)-Total** | mg/L | 46 | 0.0224 |
| **Nickel (Ni)-Total** | mg/L | | 0.0002 |
| **Phosphorus (P)-Total (ICPMS)** | mg/L | | 0.0058 |
| **Potassium (K)-Total** | mg/L | | 2.69 |
| **Rubidium (Rb)-Total** | mg/L | | 0.00576 |
| **Selenium (Se)-Total** | mg/L | | <0.00004 |
| **Silicon (Si)-Total** | mg/L | | 6.16 |
| **Silver (Ag)-Total** | mg/L | | <0.00001 |
| **Sodium (Na)-Total** | mg/L | | 7.05 |
| **Strontium (Sr)-Total** | mg/L | | 0.0413 |
| **Sulphur (S)-Total** | mg/L | | <3 |
| **Tellurium (Te)-Total** | mg/L | | <0.00002 |
| **Thallium (Tl)-Total** | mg/L | | 0.0000216 |
| **Thorium (Th)-Total** | mg/L | | <0.00005 |
| **Tin (Sn)-Total** | mg/L | | <0.0002 |
| **Titanium (Ti)-Total** | mg/L | | <0.002 |
| **Uranium (U)-Total** | mg/L | 0.0165 | 0.000438 |
| **Vanadium (V)-Total** | mg/L | | <0.0002 |
| **Zinc (Zn)-Total** | mg/L | | 0.0036 |
| **Zirconium (Zr)-Total** | mg/L | | <0.0001 |

| *Analyte* | Unit | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] | WLNG EOP 2025-07-15 09:50:00 [2] |
|---|---|---|---|
| **Dissolved Metals** | | | |
| **Aluminum (Al)-Dissolved** | **mg/L** | | 0.0437 |
| **Antimony (Sb)-Dissolved** | **mg/L** | | 0.00107 |
| **Arsenic (As)-Dissolved** | **mg/L** | | 0.00128 |
| **Barium (Ba)-Dissolved** | **mg/L** | | 0.0099 |
| **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** | 0.00028 | 0.0000273 |
| **Calcium (Ca)-Dissolved** | **mg/L** | | 18.7 |
| **Cesium (Cs)-Dissolved** | **mg/L** | | <0.00005 |
| **Chromium (Cr)-Dissolved** | **mg/L** | | <0.0001 |
| **Cobalt (Co)-Dissolved** | **mg/L** | | 0.0000687 |
| **Copper (Cu)-Dissolved** | **mg/L** | 0.0002 | **0.000533** |
| **Iron (Fe)-Dissolved** | **mg/L** | 0.35 | 0.0016 |
| **Lead (Pb)-Dissolved** | **mg/L** | | <0.000005 |
| **Lithium (Li)-Dissolved** | **mg/L** | | 0.00658 |
| **Manganese (Mn)-Dissolved** | **mg/L** | | 0.0577 |
| **Magnesium (Mg)-Dissolved** | **mg/L** | | 0.883 |
| **Mercury (Hg)-Dissolved** | **mg/L** | | <0.0000019 |
| **Molybdenum (Mo)-Dissolved** | **mg/L** | | 0.0239 |
| **Nickel (Ni)-Dissolved** | **mg/L** | 0.0181 | 0.00023 |
| **Phosphorus (P)-Dissolved** | **mg/L** | | 0.0028 |
| **Potassium (K)-Dissolved** | **mg/L** | | 2.78 |
| **Rubidium (Rb)-Dissolved** | **mg/L** | | 0.00563 |
| **Selenium (Se)-Dissolved** | **mg/L** | | 0.000041 |
| **Silicon (Si)-Dissolved** | **mg/L** | | 5.82 |
| **Silver (Ag)-Dissolved** | **mg/L** | | <0.000005 |
| **Sodium (Na)-Dissolved** | **mg/L** | | 6.97 |
| **Strontium (Sr)-Dissolved** | **mg/L** | | 0.043 |
| **Sulphur (S)-Dissolved** | **mg/L** | | <3 |
| **Tellurium (Te)-Dissolved** | **mg/L** | | <0.00002 |
| **Thallium (Tl)-Dissolved** | **mg/L** | | 0.0000193 |
| **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** | | 0.000389 |
| **Vanadium (V)-Dissolved** | **mg/L** | | <0.0002 |
| **Zinc (Zn)-Dissolved** | **mg/L** | 0.021482 | 0.00387 |
| **Zirconium (Zr)-Dissolved** | **mg/L** | | <0.0001 |

| *Analyte* | Unit | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] | **WLNG EOP 2025-07-15 09:50:00 [2]** |
|---|---|---|---|
| **Inorganics** | | | |
| **Organic Carbon (C)-Total** | **mg/L** | | 1.6 |
| **Organic Carbon (C)-Dissolved** | **mg/L** | | 0.99 |
| **Solids-Total Dissolved** | **mg/L** | | 100 |
| **Solids-Total Suspended** | **mg/L** | 26 | 1.6 |
| **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** | | <0.00005 |
| **Acenaphthylene** | **mg/L** | | <0.00005 |
| **Acridine** | **mg/L** | | <0.00005 |
| **Anthracene** | **mg/L** | | <0.00001 |
| **Benzo(a)anthracene** | **mg/L** | | <0.00001 |
| **Benzo(a)pyrene** | **mg/L** | | <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** | | <0.00002 |
| **Dibenz(a,h)anthracene** | **mg/L** | | <0.000003 |
| **Fluoranthene** | **mg/L** | | <0.00002 |
| **Fluorene** | **mg/L** | | <0.00005 |
| **Indeno(1,2,3-cd)pyrene** | **mg/L** | | <0.00005 |
| **1-Methylnaphthalene** | **mg/L** | | <0.00005 |
| **2-Methylnaphthalene** | **mg/L** | | <0.0001 |
| **Naphthalene** | **mg/L** | 0.001 | <0.0001 |
| **Phenanthrene** | **mg/L** | | <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 |
| **Phenols** | **mg/L** | 0.05 | <0.0015 |
| **Rainbow Trout** | | | |
| **LC50** | **% vol/vol** | | >100% |

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, Dissolved Organic Carbon (DOC), Total Alkalinity ($CaCO_3$), and Chloride).

[2] **Bold text** denotes value exceeding guidelines. Note: Not all exceedances are project related.

[3] LC50 Lethal concentrations of test effluent which results in 50% mortality of test organisms. An LC50 of 100 indicates a pass (no acute mortality).

# Woodfibre Site WTP Discharge Field Notes and Logs

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

**Table of Contents:**



## 1. Executive Summary and Field Notes:

The discharged water consistently remained within regulatory guidelines. The key parameters, including temperature, pH, 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 July 14 was 412,908 $m^3$.

**Daily Volume Summary:**

**Table 1: Discharge Volumes Daily Summary**

| Date | Location | Volume (m3) | Comments |
|---|---|---|---|
| July 14 | Woodfibre (WF) | 2,118 | Exceeded discharge volume limit |
| July 15 | WF | 2,249 | Exceeded discharge volume limit |
| July 16 | WF | 2,096 | Exceeded discharge volume limit |
| July 17 | WF | 2,200 | Exceeded discharge volume limit |
| July 18 | WF | 2,219 | Exceeded discharge volume limit |
| July 19 | WF | 2,307 | Exceeded discharge volume limit |
| July 20 | WF | 2,294 | Exceeded discharge volume limit |
| | **Total** | 15,483 | None |

## 2. Discharge Parameter Summary:

**Table 2: Discharge Parameter Summary**

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/14/2025 | 0:00:00 | 7.2 | 2.381 | 1.2 | 412,908 | 14.3 | 271 |
| 7/14/2025 | 0:15:00 | 7.3 | 2.271 | 3.8 | 412,922 | 15 | 271 |
| 7/14/2025 | 0:45:00 | 7.3 | 2.403 | 1.6 | 412,966 | 14.8 | 270 |
| 7/14/2025 | 1:00:00 | 7.2 | 2.396 | 1.8 | 413,003 | 14.4 | 273 |
| 7/14/2025 | 1:15:00 | 7.2 | 1.851 | 11.7 | 413,036 | 14.4 | 273 |
| 7/14/2025 | 1:30:00 | 7.2 | 2.430 | 1.6 | 413,071 | 14.2 | 269 |
| 7/14/2025 | 2:00:00 | 7.2 | 1.877 | 10.2 | 413,128 | 14.4 | 270 |
| 7/14/2025 | 2:15:00 | 7.2 | 2.419 | 0.9 | 413,163 | 14.2 | 273 |
| 7/14/2025 | 2:30:00 | 7.2 | 2.400 | 2.7 | 413,199 | 14.2 | 273 |
| 7/14/2025 | 2:45:00 | 7.2 | 1.821 | 14.9 | 413,232 | 14.4 | 273 |
| 7/14/2025 | 3:00:00 | 7.2 | 2.438 | 4 | 413,248 | 14.2 | 272 |
| 7/14/2025 | 3:15:00 | 7.2 | 2.419 | 5.5 | 413,267 | 14.4 | 271 |
| 7/14/2025 | 3:45:00 | 7.2 | 2.411 | 2.1 | 413,316 | 14 | 273 |
| 7/14/2025 | 4:15:00 | 7.2 | 1.828 | 20.5 | 413,346 | 14.1 | 272 |
| 7/14/2025 | 4:30:00 | 7.2 | 2.411 | 1.4 | 413,380 | 14 | 272 |
| 7/14/2025 | 4:45:00 | 7.2 | 2.396 | 2.4 | 413,416 | 14 | 272 |
| 7/14/2025 | 5:15:00 | 7.2 | 2.407 | 1.3 | 413,470 | 14 | 271 |
| 7/14/2025 | 5:30:00 | 7.2 | 2.422 | 2.8 | 413,491 | 14.1 | 273 |
| 7/14/2025 | 5:45:00 | 7.3 | 1.556 | 18.7 | 413,509 | 14.3 | 271 |
| 7/14/2025 | 6:00:00 | 7.2 | 2.385 | 3.2 | 413,541 | 14 | 272 |
| 7/14/2025 | 6:15:00 | 7.3 | 2.369 | 2.8 | 413,577 | 13.9 | 271 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/14/2025 | 6:45:00 | 7.2 | 2.491 | 7.9 | 413,620 | 13.7 | 270 |
| 7/14/2025 | 7:00:00 | 7.2 | 2.434 | 8.8 | 413,657 | 13.7 | 269 |
| 7/14/2025 | 7:15:00 | 7.2 | 2.434 | 10 | 413,694 | 13.7 | 269 |
| 7/14/2025 | 7:30:00 | 7.2 | 2.438 | 15.9 | 413,714 | 13.6 | 269 |
| 7/14/2025 | 7:45:00 | 7.2 | 2.434 | 12.3 | 413,751 | 13.7 | 270 |
| 7/14/2025 | 8:00:00 | 7.2 | 1.809 | 13.2 | 413,783 | 13.7 | 269 |
| 7/14/2025 | 8:15:00 | 7.2 | 2.460 | 7.6 | 413,801 | 14 | 266 |
| 7/14/2025 | 8:30:00 | 7.2 | 2.438 | 9 | 413,837 | 13.6 | 267 |
| 7/14/2025 | 9:15:00 | 7.3 | 2.407 | 3.1 | 413,923 | 13.6 | 268 |
| 7/14/2025 | 9:30:00 | 7.3 | 1.893 | 7.6 | 413,957 | 13.8 | 268 |
| 7/14/2025 | 9:45:00 | 7.3 | 2.441 | 0.3 | 413,990 | 13.7 | 268 |
| 7/14/2025 | 10:00:00 | 7.3 | 2.426 | 1.7 | 414,014 | 14 | 268 |
| 7/14/2025 | 10:15:00 | 7.3 | 1.821 | 6 | 414,048 | 13.9 | 268 |
| 7/14/2025 | 10:30:00 | 7.3 | 2.419 | 2.2 | 414,081 | 13.9 | 267 |
| 7/14/2025 | 10:45:00 | 7.3 | 2.438 | 4.2 | 414,105 | 14.2 | 267 |
| 7/14/2025 | 11:00:00 | 7.3 | 1.851 | 6.3 | 414,139 | 14.2 | 268 |
| 7/14/2025 | 11:15:00 | 7.3 | 2.445 | 0.9 | 414,172 | 14.1 | 267 |
| 7/14/2025 | 11:30:00 | 7.3 | 2.438 | 3.4 | 414,209 | 14.1 | 267 |
| 7/14/2025 | 11:45:00 | 7.3 | 1.787 | 24.4 | 414,243 | 14.2 | 267 |
| 7/14/2025 | 12:00:00 | 7.3 | 2.453 | 0.6 | 414,265 | 14.1 | 267 |
| 7/14/2025 | 12:15:00 | 7.3 | 2.377 | 0.7 | 414,301 | 14.2 | 267 |
| 7/14/2025 | 12:30:00 | 7.4 | 1.813 | 6.6 | 414,334 | 14.4 | 267 |
| 7/14/2025 | 12:45:00 | 7.4 | 2.419 | 1.4 | 414,357 | 14.3 | 267 |
| 7/14/2025 | 13:00:00 | 7.4 | 2.369 | 2.9 | 414,392 | 14.3 | 267 |
| 7/14/2025 | 13:15:00 | 7.4 | 1.715 | 12.6 | 414,425 | 14.4 | 267 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/14/2025 | 13:45:00 | 7.3 | 2.400 | 1.1 | 414,477 | 14.1 | 267 |
| 7/14/2025 | 14:15:00 | 7.3 | 2.415 | 0 | 414,533 | 14.1 | 267 |
| 7/14/2025 | 14:30:00 | 7.3 | 2.392 | 0 | 414,568 | 14.2 | 267 |
| 7/14/2025 | 15:15:00 | 7.3 | 2.385 | 0 | 414,641 | 14.4 | 267 |
| 7/14/2025 | 15:30:00 | 7.3 | 1.775 | 0 | 414,663 | 14.8 | 267 |
| 7/14/2025 | 15:45:00 | 7.3 | 2.422 | 0.3 | 414,697 | 14.5 | 267 |
| 7/14/2025 | 16:00:00 | 7.3 | 2.400 | 0.7 | 414,733 | 14.5 | 267 |
| 7/14/2025 | 16:30:00 | 7.3 | 2.422 | 0.8 | 414,783 | 14.5 | 267 |
| 7/14/2025 | 16:45:00 | 7.3 | 2.362 | 2.4 | 414,819 | 14.5 | 267 |
| 7/14/2025 | 17:00:00 | 7.3 | 1.582 | 14.3 | 414,850 | 14.7 | 270 |
| 7/14/2025 | 17:15:00 | 7.3 | 2.430 | 3.1 | 414,883 | 14.8 | 270 |
| 7/14/2025 | 17:30:00 | 7.3 | 2.449 | 1.9 | 414,897 | 14.8 | 270 |
| 7/14/2025 | 17:45:00 | 7.3 | 1.877 | 22.8 | 414,931 | 14.6 | 272 |
| 7/14/2025 | 18:00:00 | 7.3 | 2.619 | 0.7 | 414,968 | 14.6 | 272 |
| 7/14/2025 | 18:15:00 | 7.3 | 1.389 | 3.8 | 414,995 | 14.4 | 270 |
| 7/14/2025 | 18:30:00 | 7.3 | 2.419 | 1.5 | 415,030 | 14.2 | 270 |
| 7/14/2025 | 18:45:00 | 7.3 | 2.419 | 3.7 | 415,067 | 14.2 | 267 |
| 7/14/2025 | 19:15:00 | 7.3 | 2.422 | 0.5 | 415,124 | 14 | 265 |
| 7/14/2025 | 19:30:00 | 7.3 | 2.358 | 0.9 | 415,160 | 13.9 | 264 |
| 7/14/2025 | 20:00:00 | 7.3 | 2.509 | 1.8 | 415,167 | 14.2 | 266 |
| 7/14/2025 | 21:00:00 | 7.3 | 2.460 | 3 | 415,259 | 13.8 | 268 |
| 7/14/2025 | 21:15:00 | 7.3 | 1.847 | 15.1 | 415,279 | 14.3 | 268 |
| 7/14/2025 | 21:30:00 | 7.3 | 1.249 | 4.1 | 415,306 | 13.9 | 269 |
| 7/14/2025 | 21:45:00 | 7.3 | 2.585 | 5.6 | 415,327 | 13.6 | 271 |
| 7/14/2025 | 22:00:00 | 7.2 | 2.540 | 1.7 | 415,361 | 13.8 | 276 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/14/2025 | 22:15:00 | 7.1 | 2.146 | 6.9 | 415,397 | 14.3 | 284 |
| 7/14/2025 | 22:45:00 | 7.1 | 2.521 | 2.2 | 415,429 | 13.9 | 274 |
| 7/14/2025 | 23:00:00 | 7.2 | 2.176 | 7 | 415,465 | 14 | 274 |
| 7/14/2025 | 23:15:00 | 7.2 | 2.502 | 1.7 | 415,498 | 13.9 | 271 |
| 7/15/2025 | 0:00:00 | 7.2 | 2.506 | 2.7 | 415,578 | 13.6 | 271 |
| 7/15/2025 | 0:15:00 | 7.2 | 2.506 | 2.1 | 415,616 | 13.5 | 271 |
| 7/15/2025 | 0:45:00 | 7.2 | 2.509 | 0.9 | 415,675 | 13.5 | 271 |
| 7/15/2025 | 1:00:00 | 7.2 | 2.491 | 3.4 | 415,712 | 13.5 | 271 |
| 7/15/2025 | 1:15:00 | 7.3 | 1.794 | 7.1 | 415,747 | 13.5 | 269 |
| 7/15/2025 | 1:30:00 | 7.3 | 2.494 | 1.3 | 415,780 | 13.3 | 268 |
| 7/15/2025 | 1:45:00 | 7.3 | 2.472 | 1 | 415,817 | 13.3 | 268 |
| 7/15/2025 | 2:00:00 | 7.3 | 1.866 | 7.4 | 415,852 | 13.3 | 268 |
| 7/15/2025 | 2:15:00 | 7.3 | 2.525 | 1.1 | 415,874 | 13.3 | 266 |
| 7/15/2025 | 3:15:00 | 7.3 | 2.494 | 2.3 | 415,970 | 13.2 | 268 |
| 7/15/2025 | 3:30:00 | 7.3 | 1.881 | 7.5 | 416,005 | 13.2 | 268 |
| 7/15/2025 | 3:45:00 | 7.3 | 2.502 | 0.9 | 416,038 | 13.1 | 268 |
| 7/15/2025 | 4:15:00 | 7.3 | 1.813 | 3.6 | 416,099 | 13.2 | 268 |
| 7/15/2025 | 4:30:00 | 7.3 | 2.161 | 0.5 | 416,131 | 13.3 | 268 |
| 7/15/2025 | 4:45:00 | 7.3 | 2.142 | 1.8 | 416,163 | 13.3 | 268 |
| 7/15/2025 | 5:15:00 | 7.3 | 2.532 | 2 | 416,200 | 13.3 | 265 |
| 7/15/2025 | 5:30:00 | 7.3 | 2.513 | 2.6 | 416,238 | 13.3 | 267 |
| 7/15/2025 | 6:00:00 | 7.3 | 2.525 | 2 | 416,290 | 13.3 | 271 |
| 7/15/2025 | 6:15:00 | 7.3 | 2.502 | 1.3 | 416,328 | 13.4 | 271 |
| 7/15/2025 | 6:45:00 | 7.3 | 2.475 | 0.7 | 416,383 | 13.3 | 268 |
| 7/15/2025 | 7:00:00 | 7.3 | 2.494 | 2.1 | 416,406 | 13.4 | 266 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/15/2025 | 7:30:00 | 7.3 | 2.475 | 3.9 | 416,458 | 13.1 | 263 |
| 7/15/2025 | 7:45:00 | 7.3 | 2.555 | 9.4 | 416,495 | 13.1 | 263 |
| 7/15/2025 | 8:00:00 | 7.2 | 2.566 | 16.5 | 416,521 | 13.1 | 264 |
| 7/15/2025 | 8:15:00 | 7.2 | 2.040 | 6.6 | 416,558 | 13.1 | 264 |
| 7/15/2025 | 8:30:00 | 7.2 | 2.551 | 5.6 | 416,584 | 13.3 | 264 |
| 7/15/2025 | 8:45:00 | 7.2 | 2.525 | 4.9 | 416,612 | 13.4 | 266 |
| 7/15/2025 | 9:00:00 | 7.3 | 2.494 | 0.9 | 416,650 | 13.6 | 266 |
| 7/15/2025 | 9:15:00 | 7.3 | 2.483 | 1.6 | 416,687 | 13.6 | 266 |
| 7/15/2025 | 9:30:00 | 7.3 | 2.415 | 5.1 | 416,717 | 13.6 | 264 |
| 7/15/2025 | 9:45:00 | 7.3 | 2.441 | 0.6 | 416,738 | 13.7 | 264 |
| 7/15/2025 | 10:00:00 | 7.3 | 2.422 | 1.6 | 416,775 | 13.7 | 265 |
| 7/15/2025 | 10:15:00 | 7.3 | 2.449 | 1.4 | 416,811 | 13.9 | 270 |
| 7/15/2025 | 10:30:00 | 7.3 | 1.544 | 2 | 416,826 | 14 | 270 |
| 7/15/2025 | 11:00:00 | 7.3 | 2.472 | 3.2 | 416,887 | 14.1 | 268 |
| 7/15/2025 | 11:15:00 | 7.3 | 1.911 | 5.8 | 416,919 | 14.4 | 267 |
| 7/15/2025 | 11:30:00 | 7.3 | 2.483 | 3.3 | 416,956 | 14.3 | 266 |
| 7/15/2025 | 12:00:00 | 7.3 | 1.919 | 11 | 416,997 | 14.7 | 266 |
| 7/15/2025 | 12:30:00 | 7.3 | 2.456 | 1.7 | 417,059 | 14.7 | 267 |
| 7/15/2025 | 12:45:00 | 7.3 | 1.843 | 13.2 | 417,089 | 14.9 | 267 |
| 7/15/2025 | 13:00:00 | 7.3 | 2.498 | 1.7 | 417,095 | 14.8 | 267 |
| 7/15/2025 | 13:15:00 | 7.3 | 2.460 | 2.2 | 417,132 | 14.8 | 267 |
| 7/15/2025 | 13:30:00 | 7.3 | 1.900 | 12.2 | 417,153 | 15.3 | 267 |
| 7/15/2025 | 13:45:00 | 7.3 | 2.475 | 1.5 | 417,191 | 15 | 267 |
| 7/15/2025 | 14:00:00 | 7.3 | 2.438 | 1.6 | 417,227 | 15 | 269 |
| 7/15/2025 | 14:15:00 | 7.3 | 1.397 | 9.4 | 417,253 | 14.9 | 266 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/15/2025 | 14:30:00 | 7.3 | 2.388 | 2.2 | 417,289 | 14.9 | 266 |
| 7/15/2025 | 14:45:00 | 7.3 | 2.347 | 1.7 | 417,325 | 14.9 | 266 |
| 7/15/2025 | 15:00:00 | 7.3 | 1.764 | 10.5 | 417,346 | 15.3 | 266 |
| 7/15/2025 | 15:15:00 | 7.3 | 2.354 | 1.3 | 417,381 | 15 | 266 |
| 7/15/2025 | 15:30:00 | 7.3 | 2.362 | 3.7 | 417,417 | 15.1 | 266 |
| 7/15/2025 | 15:45:00 | 7.3 | 1.404 | 23 | 417,445 | 15.1 | 266 |
| 7/15/2025 | 16:00:00 | 7.3 | 2.419 | 7 | 417,481 | 15.1 | 266 |
| 7/15/2025 | 16:15:00 | 7.3 | 2.426 | 9.1 | 417,506 | 15.2 | 266 |
| 7/15/2025 | 16:30:00 | 7.3 | 1.669 | 8.4 | 417,532 | 15.2 | 266 |
| 7/15/2025 | 16:45:00 | 7.3 | 2.419 | 7.3 | 417,569 | 15 | 261 |
| 7/15/2025 | 17:00:00 | 7.3 | 2.403 | 4.3 | 417,605 | 14.8 | 263 |
| 7/15/2025 | 17:15:00 | 7.3 | 1.783 | 15.4 | 417,623 | 15 | 263 |
| 7/15/2025 | 17:30:00 | 7.3 | 2.400 | 5.7 | 417,659 | 14.8 | 263 |
| 7/15/2025 | 17:45:00 | 7.3 | 0.254 | 3.9 | 417,682 | 15.8 | 119 |
| 7/15/2025 | 18:00:00 | 7.3 | 1.787 | 9.4 | 417,697 | 14.7 | 262 |
| 7/15/2025 | 18:15:00 | 7.3 | 1.283 | 14.7 | 417,722 | 14.5 | 266 |
| 7/15/2025 | 18:30:00 | 7.3 | 2.513 | 8.9 | 417,760 | 14.5 | 264 |
| 7/15/2025 | 18:45:00 | 7.3 | 2.479 | 9.8 | 417,797 | 14.5 | 264 |
| 7/15/2025 | 19:00:00 | 7.3 | 1.938 | 16.3 | 417,829 | 14.7 | 264 |
| 7/15/2025 | 19:15:00 | 7.3 | 1.919 | 6.7 | 417,855 | 14.4 | 259 |
| 7/15/2025 | 19:30:00 | 7.2 | 2.513 | 9.8 | 417,888 | 14.3 | 262 |
| 7/15/2025 | 19:45:00 | 7.3 | 2.528 | 14.4 | 417,908 | 15.5 | 259 |
| 7/15/2025 | 20:00:00 | 7.2 | 1.911 | 8.7 | 417,945 | 14.1 | 261 |
| 7/15/2025 | 20:15:00 | 7.2 | 1.192 | 15.1 | 417,970 | 13.9 | 262 |
| 7/15/2025 | 20:30:00 | 7.3 | 2.271 | 6.8 | 417,992 | 14.5 | 114 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/15/2025 | 20:45:00 | 7.2 | 2.551 | 8.8 | 418,031 | 13.6 | 264 |
| 7/15/2025 | 21:00:00 | 7.2 | 1.586 | 25.2 | 418,063 | 13.6 | 264 |
| 7/15/2025 | 21:15:00 | 7.2 | 2.426 | 5.5 | 418,084 | 13.6 | 261 |
| 7/15/2025 | 21:30:00 | 7.3 | 2.422 | 3.4 | 418,121 | 13.5 | 263 |
| 7/15/2025 | 21:45:00 | 7.3 | 1.862 | 13.3 | 418,153 | 13.6 | 263 |
| 7/15/2025 | 22:00:00 | 7.3 | 2.426 | 3 | 418,188 | 13.4 | 259 |
| 7/15/2025 | 22:15:00 | 7.3 | 2.385 | 3.3 | 418,224 | 13.4 | 262 |
| 7/15/2025 | 22:30:00 | 7.3 | 1.764 | 7.6 | 418,256 | 13.6 | 258 |
| 7/15/2025 | 22:45:00 | 7.3 | 2.430 | 2.3 | 418,279 | 13.6 | 258 |
| 7/15/2025 | 23:00:00 | 7.3 | 1.313 | 5.9 | 418,309 | 13.6 | 258 |
| 7/15/2025 | 23:15:00 | 7.3 | 2.559 | 3.7 | 418,339 | 13.5 | 262 |
| 7/15/2025 | 23:45:00 | 7.3 | 2.210 | 19.6 | 418,414 | 13.6 | 260 |
| 7/16/2025 | 0:00:00 | 7.3 | 2.547 | 3.3 | 418,440 | 13.5 | 257 |
| 7/16/2025 | 0:15:00 | 7.3 | 2.521 | 3.2 | 418,479 | 13.4 | 257 |
| 7/16/2025 | 0:45:00 | 7.3 | 2.559 | 5.9 | 418,536 | 13.4 | 258 |
| 7/16/2025 | 1:00:00 | 7.3 | 2.513 | 6.5 | 418,574 | 13.3 | 258 |
| 7/16/2025 | 1:15:00 | 7.3 | 2.017 | 14.3 | 418,597 | 13.4 | 258 |
| 7/16/2025 | 1:30:00 | 7.3 | 2.449 | 5.7 | 418,629 | 13.2 | 261 |
| 7/16/2025 | 1:45:00 | 7.3 | 2.460 | 2.9 | 418,645 | 13.4 | 261 |
| 7/16/2025 | 2:15:00 | 7.3 | 2.449 | 4.2 | 418,699 | 13.2 | 261 |
| 7/16/2025 | 2:30:00 | 7.3 | 2.385 | 7.8 | 418,729 | 13.1 | 261 |
| 7/16/2025 | 2:45:00 | 7.3 | 1.722 | 17.6 | 418,762 | 13.1 | 261 |
| 7/16/2025 | 3:00:00 | 7.2 | 2.392 | 3.7 | 418,793 | 13 | 261 |
| 7/16/2025 | 3:15:00 | 7.3 | 2.362 | 29.6 | 418,829 | 13 | 261 |
| 7/16/2025 | 3:45:00 | 7.3 | 2.343 | 3.7 | 418,884 | 13 | 261 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/16/2025 | 4:00:00 | 7.2 | 2.286 | 7.1 | 418,919 | 12.9 | 261 |
| 7/16/2025 | 4:15:00 | 7.2 | 1.374 | 21.3 | 418,949 | 12.9 | 261 |
| 7/16/2025 | 4:30:00 | 7.2 | 2.313 | 6.9 | 418,977 | 12.9 | 261 |
| 7/16/2025 | 4:45:00 | 7.3 | 2.385 | 10.2 | 419,012 | 13 | 261 |
| 7/16/2025 | 5:15:00 | 7.3 | 2.377 | 11.1 | 419,054 | 13 | 261 |
| 7/16/2025 | 5:45:00 | 7.2 | 1.692 | 13.3 | 419,109 | 12.9 | 261 |
| 7/16/2025 | 6:00:00 | 7.2 | 2.373 | 6.6 | 419,139 | 12.8 | 261 |
| 7/16/2025 | 6:15:00 | 7.2 | 2.347 | 8 | 419,175 | 12.8 | 261 |
| 7/16/2025 | 6:30:00 | 7.2 | 1.711 | 18.2 | 419,206 | 12.9 | 261 |
| 7/16/2025 | 6:45:00 | 7.3 | 2.415 | 11.7 | 419,221 | 13 | 261 |
| 7/16/2025 | 7:00:00 | 7.2 | 2.369 | 15.9 | 419,258 | 12.9 | 261 |
| 7/16/2025 | 7:15:00 | 7.2 | 2.449 | 7.6 | 419,286 | 13 | 263 |
| 7/16/2025 | 7:30:00 | 7.2 | 2.453 | 6.9 | 419,322 | 12.8 | 261 |
| 7/16/2025 | 7:45:00 | 7.2 | 2.475 | 6.1 | 419,346 | 12.8 | 257 |
| 7/16/2025 | 8:00:00 | 7.2 | 2.483 | 5.3 | 419,379 | 12.8 | 258 |
| 7/16/2025 | 8:15:00 | 7.2 | 2.464 | 6.1 | 419,416 | 12.9 | 258 |
| 7/16/2025 | 8:45:00 | 7.2 | 2.464 | 8.3 | 419,469 | 13.1 | 261 |
| 7/16/2025 | 9:00:00 | 7.2 | 2.415 | 9.2 | 419,506 | 13.3 | 261 |
| 7/16/2025 | 9:15:00 | 7.2 | 2.388 | 11.5 | 419,527 | 13.4 | 261 |
| 7/16/2025 | 9:30:00 | 7.3 | 2.350 | 3 | 419,540 | 13.5 | 263 |
| 7/16/2025 | 9:45:00 | 7.3 | 2.369 | 5.2 | 419,576 | 13.5 | 263 |
| 7/16/2025 | 10:00:00 | 7.3 | 2.343 | 4.4 | 419,611 | 13.6 | 261 |
| 7/16/2025 | 10:15:00 | 7.3 | 2.388 | 1.6 | 419,641 | 13.7 | 265 |
| 7/16/2025 | 10:30:00 | 7.4 | 2.396 | 1.2 | 419,661 | 13.8 | 265 |
| 7/16/2025 | 10:45:00 | 7.4 | 2.381 | 2 | 419,682 | 14.1 | 265 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/16/2025 | 11:00:00 | 7.4 | 2.411 | 1.9 | 419,713 | 14 | 263 |
| 7/16/2025 | 11:15:00 | 7.4 | 2.385 | 2.3 | 419,749 | 14.1 | 267 |
| 7/16/2025 | 11:30:00 | 7.4 | 2.366 | 1.2 | 419,785 | 14.1 | 267 |
| 7/16/2025 | 11:45:00 | 7.4 | 2.551 | 0.9 | 419,813 | 14.1 | 267 |
| 7/16/2025 | 12:00:00 | 7.4 | 2.498 | 1.2 | 419,851 | 14.1 | 267 |
| 7/16/2025 | 12:30:00 | 7.4 | 2.445 | 2.8 | 419,890 | 14.2 | 264 |
| 7/16/2025 | 12:45:00 | 7.4 | 2.419 | 2.2 | 419,926 | 14.4 | 264 |
| 7/16/2025 | 13:00:00 | 7.3 | 2.286 | 2.4 | 419,963 | 14.6 | 264 |
| 7/16/2025 | 13:15:00 | 7.3 | 2.407 | 3.7 | 419,987 | 14.6 | 267 |
| 7/16/2025 | 14:00:00 | 7.3 | 2.498 | 2.2 | 420,030 | 14.7 | 269 |
| 7/16/2025 | 14:15:00 | 7.4 | 2.525 | 3.4 | 420,054 | 14.9 | 269 |
| 7/16/2025 | 14:30:00 | 7.3 | 1.911 | 2.7 | 420,091 | 14.6 | 266 |
| 7/16/2025 | 14:45:00 | 7.3 | 2.544 | 3.6 | 420,108 | 14.6 | 266 |
| 7/16/2025 | 15:00:00 | 7.3 | 2.562 | 1.3 | 420,134 | 14.6 | 266 |
| 7/16/2025 | 16:00:00 | 7.3 | 1.945 | 5.5 | 420,226 | 14.5 | 261 |
| 7/16/2025 | 16:15:00 | 7.3 | 2.574 | 4.2 | 420,242 | 14.5 | 264 |
| 7/16/2025 | 16:30:00 | 7.4 | 2.528 | 1.7 | 420,280 | 14.5 | 264 |
| 7/16/2025 | 16:45:00 | 7.4 | 1.945 | 2.9 | 420,306 | 14.7 | 266 |
| 7/16/2025 | 17:00:00 | 7.4 | 2.453 | 2.4 | 420,332 | 14.8 | 271 |
| 7/16/2025 | 17:15:00 | 7.4 | 2.483 | 2.9 | 420,369 | 14.8 | 272 |
| 7/16/2025 | 17:30:00 | 7.4 | 1.870 | 0.6 | 420,406 | 14.8 | 272 |
| 7/16/2025 | 17:45:00 | 7.4 | 2.502 | 1.3 | 420,426 | 14.9 | 274 |
| 7/16/2025 | 18:00:00 | 7.4 | 2.506 | 3 | 420,444 | 15 | 272 |
| 7/16/2025 | 18:15:00 | 7.4 | 1.855 | 3.5 | 420,467 | 15.3 | 272 |
| 7/16/2025 | 18:30:00 | 7.3 | 2.498 | 2.7 | 420,498 | 14.7 | 272 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/16/2025 | 19:00:00 | 7.3 | 1.877 | 14.3 | 420,558 | 14.3 | 267 |
| 7/16/2025 | 19:15:00 | 7.3 | 2.551 | 9 | 420,574 | 14.3 | 267 |
| 7/16/2025 | 19:30:00 | 7.3 | 1.321 | 19.1 | 420,601 | 14 | 267 |
| 7/16/2025 | 19:45:00 | 7.3 | 2.559 | 7.4 | 420,623 | 14.1 | 264 |
| 7/16/2025 | 20:00:00 | 7.3 | 2.528 | 8.1 | 420,661 | 13.7 | 264 |
| 7/16/2025 | 20:30:00 | 7.3 | 2.521 | 14.3 | 420,715 | 13.5 | 265 |
| 7/16/2025 | 20:45:00 | 7.3 | 2.718 | 401.8 | 420,730 | 13.5 | 263 |
| 7/16/2025 | 21:00:00 | 7.3 | 1.809 | 17.2 | 420,758 | 13.5 | 263 |
| 7/16/2025 | 21:15:00 | 7.3 | 2.551 | 9.6 | 420,773 | 13.5 | 263 |
| 7/16/2025 | 21:30:00 | 7.3 | 2.536 | 2.9 | 420,811 | 13.5 | 263 |
| 7/16/2025 | 22:00:00 | 7.3 | 2.574 | 1.8 | 420,868 | 13.6 | 269 |
| 7/16/2025 | 22:15:00 | 7.3 | 2.585 | 1.9 | 420,886 | 13.9 | 269 |
| 7/16/2025 | 22:30:00 | 7.3 | 1.915 | 6.6 | 420,906 | 13.8 | 273 |
| 7/16/2025 | 22:45:00 | 7.3 | 2.547 | 2.9 | 420,943 | 13.6 | 268 |
| 7/16/2025 | 23:15:00 | 7.3 | 1.559 | 3.7 | 420,996 | 13.5 | 266 |
| 7/16/2025 | 23:30:00 | 7.3 | 2.714 | 1.4 | 421,011 | 13.6 | 266 |
| 7/17/2025 | 0:00:00 | 7.3 | 2.040 | 3.8 | 421,063 | 13.6 | 268 |
| 7/17/2025 | 0:15:00 | 7.3 | 2.627 | 1.3 | 421,085 | 13.8 | 269 |
| 7/17/2025 | 0:30:00 | 7.3 | 2.589 | 2.1 | 421,124 | 13.6 | 269 |
| 7/17/2025 | 0:45:00 | 7.3 | 1.662 | 4.5 | 421,158 | 13.7 | 269 |
| 7/17/2025 | 1:30:00 | 7.3 | 1.964 | 6.9 | 421,236 | 13.8 | 271 |
| 7/17/2025 | 1:45:00 | 7.3 | 2.559 | 2.9 | 421,274 | 13.7 | 271 |
| 7/17/2025 | 2:15:00 | 7.4 | 1.567 | 2.2 | 421,330 | 13.7 | 271 |
| 7/17/2025 | 2:30:00 | 7.4 | 2.449 | 2.6 | 421,354 | 13.8 | 271 |
| 7/17/2025 | 2:45:00 | 7.3 | 2.532 | 2.6 | 421,392 | 13.5 | 271 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/17/2025 | 3:00:00 | 7.4 | 1.563 | 10.9 | 421,403 | 13.9 | 271 |
| 7/17/2025 | 3:15:00 | 7.3 | 2.525 | 5.9 | 421,438 | 13.5 | 272 |
| 7/17/2025 | 3:30:00 | 7.3 | 2.491 | 7.1 | 421,475 | 13.4 | 271 |
| 7/17/2025 | 3:45:00 | 7.3 | 2.252 | 6.4 | 421,504 | 13.5 | 271 |
| 7/17/2025 | 4:30:00 | 7.3 | 2.006 | 9.9 | 421,573 | 13.4 | 271 |
| 7/17/2025 | 4:45:00 | 7.3 | 2.551 | 7.2 | 421,608 | 13.4 | 271 |
| 7/17/2025 | 5:00:00 | 7.3 | 2.517 | 7.3 | 421,646 | 13.5 | 274 |
| 7/17/2025 | 5:30:00 | 7.3 | 2.540 | 4.5 | 421,696 | 13.5 | 272 |
| 7/17/2025 | 5:45:00 | 7.3 | 2.513 | 3 | 421,734 | 13.4 | 272 |
| 7/17/2025 | 6:45:00 | 7.4 | 1.942 | 7.3 | 421,793 | 13.4 | 269 |
| 7/17/2025 | 7:00:00 | 7.3 | 2.502 | 3.7 | 421,829 | 13.2 | 271 |
| 7/17/2025 | 7:30:00 | 7.3 | 1.904 | 12.3 | 421,883 | 13.1 | 267 |
| 7/17/2025 | 7:45:00 | 7.3 | 0.337 | 8.6 | 421,919 | 13 | 266 |
| 7/17/2025 | 8:00:00 | 7.3 | 2.468 | 9.3 | 421,945 | 13 | 264 |
| 7/17/2025 | 8:15:00 | 7.3 | 1.188 | 15.4 | 421,972 | 13.1 | 266 |
| 7/17/2025 | 8:30:00 | 7.3 | 2.422 | 11.8 | 422,006 | 13.1 | 266 |
| 7/17/2025 | 8:45:00 | 7.3 | 2.403 | 11.5 | 422,042 | 13.2 | 266 |
| 7/17/2025 | 9:00:00 | 7.3 | 1.847 | 19.5 | 422,074 | 13.3 | 266 |
| 7/17/2025 | 9:15:00 | 7.3 | 2.400 | 8.7 | 422,109 | 13.3 | 266 |
| 7/17/2025 | 9:30:00 | 7.3 | 2.381 | 8.3 | 422,144 | 13.4 | 266 |
| 7/17/2025 | 9:45:00 | 7.4 | 1.771 | 13.2 | 422,169 | 13.9 | 114 |
| 7/17/2025 | 10:00:00 | 7.4 | 2.487 | 4.6 | 422,204 | 13.7 | 265 |
| 7/17/2025 | 10:15:00 | 7.4 | 2.434 | 6.2 | 422,241 | 13.8 | 267 |
| 7/17/2025 | 10:30:00 | 7.4 | 1.968 | 21.8 | 422,261 | 13.9 | 268 |
| 7/17/2025 | 10:45:00 | 7.4 | 2.468 | 4.4 | 422,297 | 13.8 | 265 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/17/2025 | 11:00:00 | 7.4 | 2.438 | 9.2 | 422,334 | 13.8 | 265 |
| 7/17/2025 | 11:15:00 | 7.4 | 1.942 | 37.4 | 422,358 | 14.4 | 262 |
| 7/17/2025 | 11:30:00 | 7.4 | 2.472 | 13.7 | 422,394 | 13.9 | 263 |
| 7/17/2025 | 12:00:00 | 7.3 | 1.306 | 16.2 | 422,443 | 13.9 | 263 |
| 7/17/2025 | 12:15:00 | 7.3 | 2.525 | 7.8 | 422,477 | 14 | 263 |
| 7/17/2025 | 12:30:00 | 7.3 | 2.509 | 13.7 | 422,515 | 14 | 263 |
| 7/17/2025 | 12:45:00 | 7.4 | 1.968 | 23.4 | 422,549 | 14.1 | 263 |
| 7/17/2025 | 13:00:00 | 7.4 | 2.521 | 22.1 | 422,570 | 14.1 | 260 |
| 7/17/2025 | 13:15:00 | 7.4 | 2.475 | 27.7 | 422,583 | 14.9 | 259 |
| 7/17/2025 | 13:30:00 | 7.4 | 1.942 | 24.5 | 422,610 | 14.2 | 263 |
| 7/17/2025 | 13:45:00 | 7.4 | 2.521 | 6.7 | 422,643 | 14.2 | 264 |
| 7/17/2025 | 14:00:00 | 7.4 | 2.460 | 5.8 | 422,681 | 14.3 | 264 |
| 7/17/2025 | 14:30:00 | 7.4 | 2.498 | 12.9 | 422,733 | 14.3 | 264 |
| 7/17/2025 | 15:00:00 | 7.4 | 2.650 | 2.6 | 422,794 | 14.4 | 267 |
| 7/17/2025 | 15:15:00 | 7.4 | 2.453 | 3.3 | 422,832 | 14.2 | 264 |
| 7/17/2025 | 15:30:00 | 7.4 | 2.547 | 3.3 | 422,856 | 14.3 | 266 |
| 7/17/2025 | 15:45:00 | 7.4 | 2.521 | 0 | 422,894 | 14.3 | 266 |
| 7/17/2025 | 16:00:00 | 7.4 | 2.017 | 0.7 | 422,914 | 14.4 | 264 |
| 7/17/2025 | 16:15:00 | 7.4 | 2.536 | 0 | 422,952 | 14.4 | 264 |
| 7/17/2025 | 16:30:00 | 7.5 | 2.551 | 0 | 422,977 | 14.4 | 264 |
| 7/17/2025 | 16:45:00 | 7.4 | 2.063 | 0 | 423,010 | 14.5 | 264 |
| 7/17/2025 | 17:00:00 | 7.4 | 2.540 | 0 | 423,048 | 14.5 | 264 |
| 7/17/2025 | 17:15:00 | 7.4 | 2.521 | 0 | 423,086 | 14.5 | 264 |
| 7/17/2025 | 17:30:00 | 7.4 | 2.006 | 0.1 | 423,107 | 14.6 | 264 |
| 7/17/2025 | 17:45:00 | 7.4 | 2.441 | 0 | 423,127 | 15 | 267 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/17/2025 | 18:15:00 | 7.4 | 2.063 | 0 | 423,183 | 14.6 | 269 |
| 7/17/2025 | 18:45:00 | 7.4 | 2.528 | 0 | 423,247 | 14.4 | 269 |
| 7/17/2025 | 19:00:00 | 7.4 | 1.908 | 2.6 | 423,269 | 14.8 | 267 |
| 7/17/2025 | 19:15:00 | 7.4 | 2.540 | 0 | 423,307 | 14.2 | 266 |
| 7/17/2025 | 19:30:00 | 7.3 | 2.532 | 0 | 423,345 | 14 | 267 |
| 7/17/2025 | 19:45:00 | 7.3 | 2.078 | 2.1 | 423,379 | 13.9 | 265 |
| 7/17/2025 | 20:00:00 | 7.3 | 2.555 | 0 | 423,416 | 13.6 | 263 |
| 7/17/2025 | 20:15:00 | 7.3 | 2.570 | 0.3 | 423,443 | 13.6 | 263 |
| 7/17/2025 | 20:30:00 | 7.3 | 2.566 | 0.4 | 423,481 | 13.7 | 263 |
| 7/17/2025 | 21:00:00 | 7.4 | 2.551 | 0.5 | 423,537 | 13.9 | 265 |
| 7/17/2025 | 21:15:00 | 7.4 | 2.547 | 0.3 | 423,563 | 13.9 | 267 |
| 7/17/2025 | 21:45:00 | 7.4 | 2.559 | 0.1 | 423,624 | 13.7 | 265 |
| 7/17/2025 | 22:00:00 | 7.4 | 2.536 | 0.1 | 423,662 | 13.7 | 264 |
| 7/17/2025 | 22:30:00 | 7.4 | 2.547 | 0.1 | 423,715 | 13.7 | 267 |
| 7/17/2025 | 23:00:00 | 7.4 | 2.559 | 0 | 423,776 | 13.5 | 267 |
| 7/17/2025 | 23:30:00 | 7.4 | 2.540 | 0 | 423,836 | 13.6 | 268 |
| 7/17/2025 | 23:45:00 | 7.4 | 2.547 | 0 | 423,861 | 13.7 | 269 |
| 7/18/2025 | 0:00:00 | 7.4 | 2.532 | 0 | 423,899 | 13.7 | 271 |
| 7/18/2025 | 0:15:00 | 7.4 | 2.525 | 0 | 423,937 | 13.7 | 270 |
| 7/18/2025 | 0:30:00 | 7.4 | 2.547 | 0 | 423,972 | 13.7 | 268 |
| 7/18/2025 | 0:45:00 | 7.4 | 2.555 | 0 | 423,997 | 13.7 | 268 |
| 7/18/2025 | 1:00:00 | 7.4 | 2.532 | 0 | 424,035 | 13.6 | 269 |
| 7/18/2025 | 1:15:00 | 7.4 | 2.551 | 0 | 424,051 | 14.1 | 271 |
| 7/18/2025 | 1:30:00 | 7.4 | 2.532 | 0 | 424,089 | 13.7 | 269 |
| 7/18/2025 | 1:45:00 | 7.4 | 2.513 | 0 | 424,127 | 13.7 | 269 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/18/2025 | 2:00:00 | 7.4 | 2.555 | 0 | 424,152 | 13.8 | 269 |
| 7/18/2025 | 2:15:00 | 7.3 | 2.528 | 0 | 424,190 | 13.9 | 273 |
| 7/18/2025 | 2:30:00 | 7.3 | 2.506 | 0 | 424,228 | 13.9 | 273 |
| 7/18/2025 | 2:45:00 | 7.4 | 2.528 | 0 | 424,245 | 14 | 274 |
| 7/18/2025 | 3:00:00 | 7.4 | 2.525 | 0 | 424,268 | 14 | 274 |
| 7/18/2025 | 3:30:00 | 7.3 | 2.562 | 0 | 424,328 | 13.7 | 273 |
| 7/18/2025 | 3:45:00 | 7.3 | 2.551 | 0 | 424,366 | 13.6 | 269 |
| 7/18/2025 | 4:00:00 | 7.3 | 2.521 | 0 | 424,405 | 13.5 | 269 |
| 7/18/2025 | 4:15:00 | 7.3 | 2.544 | 0.4 | 424,439 | 13.5 | 269 |
| 7/18/2025 | 4:45:00 | 7.3 | 2.536 | 0.1 | 424,473 | 13.5 | 269 |
| 7/18/2025 | 5:15:00 | 7.3 | 2.536 | 0.1 | 424,528 | 13.5 | 271 |
| 7/18/2025 | 5:30:00 | 7.3 | 2.532 | 0 | 424,553 | 13.4 | 269 |
| 7/18/2025 | 5:45:00 | 7.3 | 2.581 | 0 | 424,588 | 13.4 | 267 |
| 7/18/2025 | 6:15:00 | 7.3 | 2.555 | 0.3 | 424,652 | 13.3 | 267 |
| 7/18/2025 | 6:30:00 | 7.3 | 2.559 | 1 | 424,675 | 13.6 | 268 |
| 7/18/2025 | 6:45:00 | 7.3 | 2.578 | 0.2 | 424,714 | 13.2 | 268 |
| 7/18/2025 | 7:00:00 | 7.3 | 2.555 | 1.6 | 424,752 | 13.3 | 268 |
| 7/18/2025 | 7:15:00 | 7.3 | 2.585 | 0.9 | 424,775 | 13.3 | 266 |
| 7/18/2025 | 7:45:00 | 7.3 | 2.562 | 3.6 | 424,835 | 13.3 | 266 |
| 7/18/2025 | 8:00:00 | 7.3 | 2.585 | 1 | 424,858 | 13.5 | 266 |
| 7/18/2025 | 8:15:00 | 7.3 | 2.559 | 1.4 | 424,897 | 13.5 | 266 |
| 7/18/2025 | 8:45:00 | 7.3 | 2.589 | 0.5 | 424,928 | 13.6 | 269 |
| 7/18/2025 | 9:00:00 | 7.3 | 2.570 | 0 | 424,949 | 13.6 | 266 |
| 7/18/2025 | 9:15:00 | 7.3 | 2.585 | 0 | 424,973 | 13.6 | 269 |
| 7/18/2025 | 9:30:00 | 7.3 | 2.581 | 0 | 425,008 | 13.5 | 269 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/18/2025 | 10:00:00 | 7.3 | 2.570 | 0 | 425,074 | 13.5 | 269 |
| 7/18/2025 | 10:15:00 | 7.3 | 2.574 | 0 | 425,110 | 13.5 | 269 |
| 7/18/2025 | 10:45:00 | 7.3 | 2.574 | 0.4 | 425,138 | 13.7 | 271 |
| 7/18/2025 | 11:15:00 | 7.3 | 2.487 | 0.2 | 425,191 | 14.1 | 273 |
| 7/18/2025 | 11:30:00 | 7.3 | 2.487 | 0.2 | 425,229 | 14.1 | 273 |
| 7/18/2025 | 11:45:00 | 7.3 | 2.494 | 0.3 | 425,258 | 14.2 | 273 |
| 7/18/2025 | 12:00:00 | 7.3 | 2.737 | 0.2 | 425,277 | 14.4 | 276 |
| 7/18/2025 | 12:15:00 | 7.3 | 2.729 | 0.1 | 425,318 | 14.7 | 276 |
| 7/18/2025 | 12:30:00 | 7.3 | 2.725 | 0 | 425,356 | 14.8 | 279 |
| 7/18/2025 | 13:00:00 | 7.3 | 2.597 | 0 | 425,387 | 14.6 | 275 |
| 7/18/2025 | 13:15:00 | 7.3 | 2.604 | 0 | 425,422 | 14.6 | 273 |
| 7/18/2025 | 13:30:00 | 7.3 | 2.597 | 0 | 425,461 | 14.6 | 272 |
| 7/18/2025 | 14:00:00 | 7.3 | 2.570 | 0 | 425,522 | 14.8 | 270 |
| 7/18/2025 | 14:15:00 | 7.3 | 2.521 | 0.1 | 425,546 | 14.9 | 273 |
| 7/18/2025 | 14:30:00 | 7.3 | 2.513 | 0 | 425,584 | 14.8 | 273 |
| 7/18/2025 | 14:45:00 | 7.3 | 2.502 | 0 | 425,608 | 14.8 | 273 |
| 7/18/2025 | 15:00:00 | 7.3 | 2.509 | 0 | 425,646 | 14.7 | 272 |
| 7/18/2025 | 15:15:00 | 7.2 | 2.506 | 0 | 425,683 | 14.7 | 272 |
| 7/18/2025 | 15:30:00 | 7.2 | 2.286 | 0 | 425,716 | 14.7 | 272 |
| 7/18/2025 | 15:45:00 | 7.2 | 2.551 | 0.6 | 425,754 | 14.6 | 272 |
| 7/18/2025 | 16:45:00 | 7.3 | 2.581 | 0 | 425,784 | 14.5 | 267 |
| 7/18/2025 | 17:00:00 | 7.3 | 2.578 | 0 | 425,820 | 14.4 | 265 |
| 7/18/2025 | 17:45:00 | 7.3 | 2.578 | 0 | 425,885 | 14.1 | 262 |
| 7/18/2025 | 18:00:00 | 7.4 | 2.562 | 0 | 425,924 | 14 | 262 |
| 7/18/2025 | 18:15:00 | 7.4 | 2.562 | 0 | 425,951 | 14.1 | 262 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/18/2025 | 18:30:00 | 7.3 | 2.642 | 0 | 425,980 | 13.8 | 263 |
| 7/18/2025 | 18:45:00 | 7.3 | 2.540 | 0 | 426,020 | 13.8 | 263 |
| 7/18/2025 | 19:00:00 | 7.3 | 2.517 | 0 | 426,058 | 13.7 | 263 |
| 7/18/2025 | 19:15:00 | 7.4 | 2.536 | 0.3 | 426,083 | 13.8 | 265 |
| 7/18/2025 | 19:30:00 | 7.4 | 2.528 | 0.3 | 426,121 | 13.5 | 263 |
| 7/18/2025 | 20:00:00 | 7.4 | 2.544 | 0 | 426,182 | 13.4 | 263 |
| 7/18/2025 | 20:15:00 | 7.4 | 2.532 | 0 | 426,220 | 13.4 | 263 |
| 7/18/2025 | 20:45:00 | 7.4 | 2.540 | 0 | 426,279 | 13.5 | 263 |
| 7/18/2025 | 21:00:00 | 7.4 | 2.555 | 0 | 426,306 | 13.5 | 264 |
| 7/18/2025 | 21:15:00 | 7.4 | 2.547 | 0 | 426,344 | 13.5 | 266 |
| 7/18/2025 | 21:30:00 | 7.4 | 2.559 | 0 | 426,379 | 13.5 | 266 |
| 7/18/2025 | 21:45:00 | 7.3 | 2.532 | 0 | 426,417 | 13.4 | 264 |
| 7/18/2025 | 22:00:00 | 7.3 | 2.517 | 0 | 426,455 | 13.4 | 264 |
| 7/18/2025 | 22:15:00 | 7.3 | 2.544 | 0 | 426,489 | 13.4 | 264 |
| 7/18/2025 | 22:30:00 | 7.3 | 2.525 | 0 | 426,528 | 13.4 | 264 |
| 7/18/2025 | 22:45:00 | 7.3 | 2.491 | 0.1 | 426,565 | 13.4 | 264 |
| 7/18/2025 | 23:00:00 | 7.4 | 2.513 | 0 | 426,587 | 13.5 | 266 |
| 7/18/2025 | 23:15:00 | 7.4 | 2.498 | 0.1 | 426,624 | 13.4 | 264 |
| 7/18/2025 | 23:45:00 | 7.4 | 2.532 | 0 | 426,663 | 13.3 | 263 |
| 7/19/2025 | 0:00:00 | 7.4 | 2.509 | 0 | 426,701 | 13.3 | 263 |
| 7/19/2025 | 0:15:00 | 7.3 | 2.498 | 0.4 | 426,738 | 13.3 | 263 |
| 7/19/2025 | 0:30:00 | 7.4 | 2.536 | 0 | 426,773 | 13.4 | 263 |
| 7/19/2025 | 0:45:00 | 7.4 | 2.509 | 0 | 426,811 | 13.5 | 260 |
| 7/19/2025 | 1:00:00 | 7.4 | 2.494 | 0 | 426,848 | 13.7 | 259 |
| 7/19/2025 | 1:15:00 | 7.4 | 2.521 | 0.1 | 426,870 | 13.9 | 258 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/19/2025 | 1:30:00 | 7.4 | 2.525 | 0.2 | 426,896 | 14.2 | 261 |
| 7/19/2025 | 2:00:00 | 7.4 | 2.544 | 0 | 426,932 | 14 | 260 |
| 7/19/2025 | 2:15:00 | 7.4 | 2.540 | 0 | 426,970 | 14 | 259 |
| 7/19/2025 | 2:30:00 | 7.4 | 2.536 | 0 | 427,008 | 14 | 260 |
| 7/19/2025 | 2:45:00 | 7.4 | 2.547 | 0 | 427,042 | 14.1 | 260 |
| 7/19/2025 | 3:00:00 | 7.4 | 2.551 | 0 | 427,081 | 14.1 | 260 |
| 7/19/2025 | 3:15:00 | 7.4 | 2.544 | 1.1 | 427,119 | 14 | 259 |
| 7/19/2025 | 3:30:00 | 7.4 | 2.555 | 0 | 427,153 | 14 | 260 |
| 7/19/2025 | 3:45:00 | 7.4 | 2.521 | 0.6 | 427,191 | 14 | 260 |
| 7/19/2025 | 4:15:00 | 7.4 | 2.551 | 0 | 427,229 | 14 | 258 |
| 7/19/2025 | 4:30:00 | 7.4 | 2.513 | 0.3 | 427,267 | 14 | 258 |
| 7/19/2025 | 4:45:00 | 7.4 | 2.509 | 2.2 | 427,305 | 14 | 258 |
| 7/19/2025 | 5:00:00 | 7.4 | 2.653 | 0.5 | 427,336 | 13.9 | 258 |
| 7/19/2025 | 5:15:00 | 7.4 | 2.661 | 1 | 427,363 | 13.7 | 257 |
| 7/19/2025 | 5:45:00 | 7.3 | 2.593 | 2.6 | 427,421 | 13.3 | 258 |
| 7/19/2025 | 6:00:00 | 7.3 | 2.494 | 2.2 | 427,460 | 13.2 | 261 |
| 7/19/2025 | 6:15:00 | 7.4 | 2.578 | 3.4 | 427,485 | 13.2 | 259 |
| 7/19/2025 | 6:30:00 | 7.3 | 2.403 | 1.1 | 427,515 | 13 | 259 |
| 7/19/2025 | 6:45:00 | 7.3 | 2.411 | 2.3 | 427,551 | 13 | 259 |
| 7/19/2025 | 7:00:00 | 7.3 | 2.479 | 3.2 | 427,588 | 13 | 259 |
| 7/19/2025 | 7:15:00 | 7.3 | 2.487 | 3.4 | 427,618 | 13 | 259 |
| 7/19/2025 | 7:30:00 | 7.3 | 2.441 | 3.6 | 427,655 | 13 | 259 |
| 7/19/2025 | 7:45:00 | 7.3 | 2.438 | 5.4 | 427,692 | 12.9 | 259 |
| 7/19/2025 | 8:00:00 | 7.3 | 2.445 | 3.4 | 427,722 | 13 | 260 |
| 7/19/2025 | 8:30:00 | 7.4 | 2.434 | 1.3 | 427,772 | 13 | 258 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/19/2025 | 8:45:00 | 7.4 | 2.426 | 0.3 | 427,809 | 13 | 258 |
| 7/19/2025 | 9:00:00 | 7.4 | 2.638 | 0 | 427,846 | 13 | 258 |
| 7/19/2025 | 9:15:00 | 7.4 | 2.619 | 0.2 | 427,882 | 13.1 | 262 |
| 7/19/2025 | 9:45:00 | 7.4 | 2.615 | 0.4 | 427,947 | 13.1 | 262 |
| 7/19/2025 | 10:15:00 | 7.4 | 2.407 | 0 | 427,992 | 12.9 | 262 |
| 7/19/2025 | 10:30:00 | 7.4 | 2.388 | 0 | 428,028 | 12.9 | 261 |
| 7/19/2025 | 10:45:00 | 7.4 | 2.422 | 0 | 428,048 | 13.1 | 259 |
| 7/19/2025 | 11:30:00 | 7.4 | 2.449 | 0 | 428,098 | 13.1 | 259 |
| 7/19/2025 | 11:45:00 | 7.4 | 2.438 | 0 | 428,135 | 13.3 | 264 |
| 7/19/2025 | 12:00:00 | 7.4 | 2.449 | 0 | 428,157 | 13.7 | 264 |
| 7/19/2025 | 12:15:00 | 7.4 | 2.347 | 0 | 428,190 | 13.6 | 265 |
| 7/19/2025 | 12:30:00 | 7.4 | 2.339 | 0 | 428,225 | 13.6 | 265 |
| 7/19/2025 | 13:30:00 | 7.4 | 2.343 | 0.1 | 428,254 | 13.8 | 268 |
| 7/19/2025 | 13:45:00 | 7.4 | 2.335 | 0.6 | 428,286 | 13.9 | 268 |
| 7/19/2025 | 14:00:00 | 7.3 | 2.362 | 0.8 | 428,321 | 13.9 | 268 |
| 7/19/2025 | 14:15:00 | 7.3 | 2.509 | 1.6 | 428,356 | 13.9 | 268 |
| 7/19/2025 | 14:30:00 | 7.3 | 2.566 | 0.7 | 428,390 | 13.9 | 265 |
| 7/19/2025 | 15:00:00 | 7.3 | 2.600 | 2 | 428,441 | 13.9 | 265 |
| 7/19/2025 | 15:15:00 | 7.3 | 2.600 | 0.3 | 428,477 | 13.9 | 265 |
| 7/19/2025 | 15:30:00 | 7.3 | 2.581 | 1.7 | 428,515 | 13.9 | 265 |
| 7/19/2025 | 15:45:00 | 7.3 | 2.653 | 1.7 | 428,542 | 13.8 | 265 |
| 7/19/2025 | 16:00:00 | 7.3 | 2.650 | 3.3 | 428,566 | 14 | 265 |
| 7/19/2025 | 16:15:00 | 7.3 | 2.634 | 1.9 | 428,605 | 13.7 | 263 |
| 7/19/2025 | 16:30:00 | 7.3 | 2.619 | 4.3 | 428,645 | 13.7 | 263 |
| 7/19/2025 | 16:45:00 | 7.3 | 2.578 | 1.8 | 428,674 | 13.7 | 265 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/19/2025 | 17:00:00 | 7.3 | 2.627 | 7.2 | 428,697 | 14.1 | 267 |
| 7/19/2025 | 17:15:00 | 7.3 | 2.581 | 8.3 | 428,723 | 13.8 | 265 |
| 7/19/2025 | 17:30:00 | 7.3 | 2.566 | 5.7 | 428,753 | 13.6 | 265 |
| 7/19/2025 | 18:00:00 | 7.3 | 2.551 | 5.5 | 428,819 | 13.5 | 267 |
| 7/19/2025 | 18:15:00 | 7.3 | 2.464 | 2.9 | 428,847 | 13.4 | 265 |
| 7/19/2025 | 18:30:00 | 7.3 | 2.570 | 4.3 | 428,885 | 13.4 | 265 |
| 7/19/2025 | 18:45:00 | 7.3 | 2.555 | 5.6 | 428,924 | 13.3 | 263 |
| 7/19/2025 | 19:00:00 | 7.3 | 2.562 | 4.8 | 428,952 | 13.3 | 263 |
| 7/19/2025 | 19:15:00 | 7.3 | 2.544 | 7.6 | 428,991 | 13.2 | 263 |
| 7/19/2025 | 19:30:00 | 7.3 | 2.544 | 9.4 | 429,028 | 13.2 | 263 |
| 7/19/2025 | 19:45:00 | 7.3 | 2.392 | 7.9 | 429,056 | 13.1 | 261 |
| 7/19/2025 | 20:00:00 | 7.3 | 2.248 | 6.2 | 429,092 | 13 | 261 |
| 7/19/2025 | 20:15:00 | 7.3 | 2.252 | 7.5 | 429,125 | 13 | 261 |
| 7/19/2025 | 20:30:00 | 7.3 | 2.248 | 3.9 | 429,152 | 13 | 261 |
| 7/19/2025 | 20:45:00 | 7.3 | 2.237 | 4.6 | 429,186 | 12.9 | 261 |
| 7/19/2025 | 21:00:00 | 7.3 | 2.237 | 7.8 | 429,219 | 12.9 | 261 |
| 7/19/2025 | 21:15:00 | 7.3 | 2.324 | 2.4 | 429,242 | 12.9 | 262 |
| 7/19/2025 | 21:30:00 | 7.3 | 2.790 | 7.6 | 429,279 | 13 | 264 |
| 7/19/2025 | 21:45:00 | 7.3 | 2.684 | 8 | 429,320 | 13 | 264 |
| 7/19/2025 | 22:15:00 | 7.4 | 2.657 | 4.3 | 429,373 | 13 | 266 |
| 7/19/2025 | 22:30:00 | 7.4 | 2.642 | 6.7 | 429,412 | 13 | 264 |
| 7/19/2025 | 22:45:00 | 7.4 | 2.646 | 1.8 | 429,440 | 12.9 | 264 |
| 7/19/2025 | 23:00:00 | 7.4 | 2.638 | 3.9 | 429,480 | 12.9 | 264 |
| 7/19/2025 | 23:15:00 | 7.4 | 2.653 | 4.8 | 429,506 | 12.9 | 264 |
| 7/19/2025 | 23:30:00 | 7.4 | 2.589 | 1.6 | 429,536 | 12.9 | 266 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/20/2025 | 0:15:00 | 7.4 | 2.615 | 0.1 | 429,613 | 12.9 | 264 |
| 7/20/2025 | 0:30:00 | 7.4 | 2.593 | 0.1 | 429,652 | 12.9 | 266 |
| 7/20/2025 | 0:45:00 | 7.4 | 2.578 | 0.9 | 429,691 | 12.9 | 266 |
| 7/20/2025 | 1:15:00 | 7.4 | 2.581 | 2.5 | 429,720 | 12.8 | 266 |
| 7/20/2025 | 2:00:00 | 7.3 | 2.706 | 0.4 | 429,791 | 12.5 | 264 |
| 7/20/2025 | 2:15:00 | 7.3 | 2.691 | 0.7 | 429,831 | 12.6 | 266 |
| 7/20/2025 | 2:30:00 | 7.3 | 2.627 | 0.6 | 429,866 | 12.6 | 266 |
| 7/20/2025 | 2:45:00 | 7.3 | 2.615 | 0.7 | 429,905 | 12.7 | 269 |
| 7/20/2025 | 3:15:00 | 7.3 | 2.725 | 0.4 | 429,968 | 12.7 | 267 |
| 7/20/2025 | 3:30:00 | 7.3 | 2.600 | 1.2 | 430,009 | 12.6 | 267 |
| 7/20/2025 | 3:45:00 | 7.3 | 2.612 | 3.1 | 430,035 | 12.7 | 267 |
| 7/20/2025 | 4:00:00 | 7.3 | 2.672 | 1 | 430,068 | 12.6 | 267 |
| 7/20/2025 | 4:15:00 | 7.3 | 2.668 | 1.4 | 430,108 | 12.6 | 267 |
| 7/20/2025 | 4:30:00 | 7.3 | 2.653 | 4.1 | 430,148 | 12.6 | 267 |
| 7/20/2025 | 4:45:00 | 7.3 | 2.540 | 3.3 | 430,178 | 12.6 | 269 |
| 7/20/2025 | 5:00:00 | 7.3 | 2.585 | 4.7 | 430,202 | 12.6 | 267 |
| 7/20/2025 | 5:15:00 | 7.3 | 2.358 | 10.7 | 430,226 | 12.6 | 267 |
| 7/20/2025 | 5:30:00 | 7.3 | 2.411 | 3.4 | 430,254 | 12.6 | 267 |
| 7/20/2025 | 5:45:00 | 7.3 | 2.411 | 4.6 | 430,290 | 12.6 | 267 |
| 7/20/2025 | 6:00:00 | 7.3 | 2.706 | 5.6 | 430,328 | 12.6 | 266 |
| 7/20/2025 | 6:15:00 | 7.3 | 2.748 | 0.9 | 430,358 | 12.6 | 267 |
| 7/20/2025 | 6:30:00 | 7.3 | 2.729 | 2.2 | 430,399 | 12.5 | 267 |
| 7/20/2025 | 6:45:00 | 7.3 | 2.729 | 4.3 | 430,423 | 12.5 | 266 |
| 7/20/2025 | 7:00:00 | 7.3 | 2.831 | 2.9 | 430,446 | 12.5 | 264 |
| 7/20/2025 | 7:30:00 | 7.3 | 2.782 | 4.8 | 430,516 | 12.5 | 262 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/20/2025 | 7:45:00 | 7.4 | 2.392 | 3.6 | 430,546 | 12.4 | 114 |
| 7/20/2025 | 8:00:00 | 7.4 | 2.623 | 3.9 | 430,572 | 12.5 | 113 |
| 7/20/2025 | 8:45:00 | 7.4 | 3.028 | 3.2 | 430,637 | 12.5 | 261 |
| 7/20/2025 | 9:15:00 | 7.4 | 2.623 | 2.5 | 430,686 | 12.9 | 263 |
| 7/20/2025 | 9:30:00 | 7.5 | 2.593 | 0.9 | 430,725 | 12.6 | 263 |
| 7/20/2025 | 9:45:00 | 7.5 | 2.585 | 0.8 | 430,752 | 12.7 | 261 |
| 7/20/2025 | 10:00:00 | 7.4 | 2.615 | 1.3 | 430,788 | 12.7 | 261 |
| 7/20/2025 | 10:15:00 | 7.4 | 2.612 | 2.1 | 430,827 | 12.6 | 259 |
| 7/20/2025 | 10:30:00 | 7.4 | 2.612 | 2.5 | 430,854 | 12.7 | 259 |
| 7/20/2025 | 11:00:00 | 7.4 | 2.608 | 0.4 | 430,917 | 12.7 | 114 |
| 7/20/2025 | 11:15:00 | 7.4 | 2.600 | 0 | 430,943 | 12.8 | 258 |
| 7/20/2025 | 11:30:00 | 7.4 | 2.600 | 0 | 430,979 | 12.7 | 259 |
| 7/20/2025 | 11:45:00 | 7.4 | 2.581 | 0.4 | 431,018 | 12.7 | 258 |
| 7/20/2025 | 12:00:00 | 7.4 | 2.574 | 0.9 | 431,042 | 12.8 | 259 |
| 7/20/2025 | 12:30:00 | 7.4 | 2.585 | 0 | 431,104 | 12.8 | 114 |
| 7/20/2025 | 12:45:00 | 7.4 | 2.578 | 0.6 | 431,130 | 13 | 258 |
| 7/20/2025 | 13:00:00 | 7.4 | 2.581 | 0 | 431,166 | 13 | 114 |
| 7/20/2025 | 13:15:00 | 7.4 | 2.581 | 0 | 431,193 | 13 | 114 |
| 7/20/2025 | 13:30:00 | 7.4 | 2.562 | 0 | 431,231 | 13.1 | 114 |
| 7/20/2025 | 13:45:00 | 7.4 | 2.581 | 0.1 | 431,267 | 13.1 | 114 |
| 7/20/2025 | 14:00:00 | 7.4 | 2.562 | 0.5 | 431,305 | 13.1 | 114 |
| 7/20/2025 | 14:15:00 | 7.4 | 2.585 | 2.6 | 431,331 | 13.4 | 114 |
| 7/20/2025 | 14:30:00 | 7.4 | 2.589 | 0 | 431,367 | 13.2 | 257 |
| 7/20/2025 | 14:45:00 | 7.4 | 2.547 | 0 | 431,405 | 13.2 | 258 |
| 7/20/2025 | 15:00:00 | 7.4 | 2.562 | 1.3 | 431,431 | 13.3 | 258 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/20/2025 | 15:30:00 | 7.4 | 2.559 | 0 | 431,493 | 13.4 | 258 |
| 7/20/2025 | 16:00:00 | 7.4 | 2.430 | 0.1 | 431,538 | 13.7 | 257 |
| 7/20/2025 | 16:15:00 | 7.4 | 2.566 | 0.4 | 431,576 | 13.3 | 258 |
| 7/20/2025 | 16:30:00 | 7.4 | 2.525 | 0.1 | 431,614 | 13.3 | 258 |
| 7/20/2025 | 16:45:00 | 7.4 | 2.574 | 0 | 431,629 | 13.2 | 258 |
| 7/20/2025 | 17:00:00 | 7.4 | 2.555 | 0.6 | 431,668 | 13.3 | 117 |
| 7/20/2025 | 17:15:00 | 7.4 | 2.551 | 2.2 | 431,695 | 13.3 | 117 |
| 7/20/2025 | 17:30:00 | 7.4 | 2.506 | 0.9 | 431,716 | 13.5 | 116 |
| 7/20/2025 | 17:45:00 | 7.4 | 2.472 | 1.2 | 431,754 | 13.1 | 117 |
| 7/20/2025 | 18:15:00 | 7.4 | 2.460 | 0.3 | 431,811 | 13.1 | 115 |
| 7/20/2025 | 18:45:00 | 7.4 | 2.434 | 0 | 431,872 | 13 | 116 |
| 7/20/2025 | 19:00:00 | 7.4 | 2.464 | 0.3 | 431,906 | 13 | 115 |
| 7/20/2025 | 19:30:00 | 7.4 | 2.441 | 0.2 | 431,966 | 12.9 | 114 |
| 7/20/2025 | 20:00:00 | 7.4 | 2.532 | 0.1 | 431,989 | 12.9 | 114 |
| 7/20/2025 | 20:15:00 | 7.4 | 2.517 | 0 | 432,027 | 12.9 | 258 |
| 7/20/2025 | 20:30:00 | 7.4 | 2.434 | 0 | 432,056 | 13 | 259 |
| 7/20/2025 | 20:45:00 | 7.4 | 2.419 | 0 | 432,093 | 13 | 259 |
| 7/20/2025 | 21:00:00 | 7.4 | 2.403 | 0 | 432,129 | 13 | 261 |
| 7/20/2025 | 21:15:00 | 7.4 | 2.472 | 0.2 | 432,159 | 13 | 263 |
| 7/20/2025 | 21:45:00 | 7.4 | 2.445 | 0.7 | 432,202 | 13.5 | 266 |
| 7/20/2025 | 22:00:00 | 7.4 | 2.479 | 0.1 | 432,230 | 13 | 264 |
| 7/20/2025 | 22:15:00 | 7.4 | 2.468 | 0 | 432,267 | 13 | 264 |
| 7/20/2025 | 22:30:00 | 7.4 | 2.460 | 0.1 | 432,304 | 13.1 | 264 |
| 7/20/2025 | 22:45:00 | 7.4 | 2.460 | 0 | 432,332 | 13.1 | 264 |
| 7/20/2025 | 23:15:00 | 7.4 | 2.657 | 0 | 432,359 | 14.3 | 266 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|
| 7/20/2025 | 23:30:00 | 7.4 | 2.661 | 0 | 432,389 | 14.9 | 266 |
| 7/20/2025 | 23:45:00 | 7.4 | 2.642 | 0.1 | 432,429 | 15.4 | 266 |

**Table 3. In-Situ Parameters**

| Date | Temperature °C | DO mg/L | Conductivity SPC-uS/cm | SAL-ppt | pH | ORP (mV) | NTU |
|---|---|---|---|---|---|---|---|
| 07/14/2025 | 14.4 | 10.57 | 146.0 | 0.07 | 7.59 | 130.0 | 3.03 |
| 07/15/2025 | 14.9 | 10.28 | 149.2 | 0.07 | 7.34 | 123.0 | 1.01 |
| 07/16/2025 | 14.1 | 10.27 | 142.0 | 0.07 | 7.56 | 129.1 | 2.53 |
| 07/17/2025 | 14.7 | 10.24 | 147.4 | 0.07 | 7.67 | 118.5 | 1.17 |
| 07/18/2025 | 15.0 | 10.25 | 153.9 | 0.07 | 7.40 | 137.6 | 2.17 |
| 07/19/2025 | 20.5 | 7.18 | 160.2 | 0.08 | 7.19 | 139.6 | 0.21 |
| 07/20/2025 | 13.4 | 10.24 | 135.7 | 0.06 | 7.53 | 129.2 | 1.79 |

## 3. Calibration Log:

**Table 4. Calibration Log**

| Date | Unit | pH | Conductivity/Temp. | Salinity | NTU |
|---|---|---|---|---|---|
| 07/15/2025 | YSI | ✓ | ✓ | ✓ | ✓ |
| 07/15/2025 | WTP | ✓ | N/A | N/A | ✓ |

# APPENDIX A: WTP Log

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/14/2025 | 0:00:00 | 7.2 | 2.381 | 1.2 | 412,908 | Open | 14.3 | 271 |
| 7/14/2025 | 0:15:00 | 7.3 | 2.271 | 3.8 | 412,922 | Open | 15 | 271 |
| 7/14/2025 | 0:30:00 | 7.2 | 0.000 | 10.1 | 412,952 | Closed | 14.6 | 270 |
| 7/14/2025 | 0:45:00 | 7.3 | 2.403 | 1.6 | 412,966 | Open | 14.8 | 270 |
| 7/14/2025 | 1:00:00 | 7.2 | 2.396 | 1.8 | 413,003 | Open | 14.4 | 273 |
| 7/14/2025 | 1:15:00 | 7.2 | 1.851 | 11.7 | 413,036 | Open | 14.4 | 273 |
| 7/14/2025 | 1:30:00 | 7.2 | 2.430 | 1.6 | 413,071 | Open | 14.2 | 269 |
| 7/14/2025 | 1:45:00 | 7.3 | 0.000 | 1.1 | 413,098 | Closed | 14.4 | 270 |
| 7/14/2025 | 2:00:00 | 7.2 | 1.877 | 10.2 | 413,128 | Open | 14.4 | 270 |
| 7/14/2025 | 2:15:00 | 7.2 | 2.419 | 0.9 | 413,163 | Open | 14.2 | 273 |
| 7/14/2025 | 2:30:00 | 7.2 | 2.400 | 2.7 | 413,199 | Open | 14.2 | 273 |
| 7/14/2025 | 2:45:00 | 7.2 | 1.821 | 14.9 | 413,232 | Open | 14.4 | 273 |
| 7/14/2025 | 3:00:00 | 7.2 | 2.438 | 4 | 413,248 | Open | 14.2 | 272 |
| 7/14/2025 | 3:15:00 | 7.2 | 2.419 | 5.5 | 413,267 | Open | 14.4 | 271 |
| 7/14/2025 | 3:30:00 | 7.2 | 0.000 | 2 | 413,286 | Closed | 14.5 | 273 |
| 7/14/2025 | 3:45:00 | 7.2 | 2.411 | 2.1 | 413,316 | Open | 14 | 273 |
| 7/14/2025 | 4:00:00 | 7.3 | 2.403 | 3.7 | 413,324 | Closed | 14 | 272 |
| 7/14/2025 | 4:15:00 | 7.2 | 1.828 | 20.5 | 413,346 | Open | 14.1 | 272 |
| 7/14/2025 | 4:30:00 | 7.2 | 2.411 | 1.4 | 413,380 | Open | 14 | 272 |
| 7/14/2025 | 4:45:00 | 7.2 | 2.396 | 2.4 | 413,416 | Open | 14 | 272 |
| 7/14/2025 | 5:00:00 | 7.3 | 0.000 | 7.8 | 413,444 | Closed | 14.2 | 272 |
| 7/14/2025 | 5:15:00 | 7.2 | 2.407 | 1.3 | 413,470 | Open | 14 | 271 |
| 7/14/2025 | 5:30:00 | 7.2 | 2.422 | 2.8 | 413,491 | Open | 14.1 | 273 |
| 7/14/2025 | 5:45:00 | 7.3 | 1.556 | 18.7 | 413,509 | Open | 14.3 | 271 |

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|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/14/2025 | 6:00:00 | 7.2 | 2.385 | 3.2 | 413,541 | Open | 14 | 272 |
| 7/14/2025 | 6:15:00 | 7.3 | 2.369 | 2.8 | 413,577 | Open | 13.9 | 271 |
| 7/14/2025 | 6:30:00 | 7.3 | 0.000 | 26.6 | 413,607 | Closed | 14.1 | 269 |
| 7/14/2025 | 6:45:00 | 7.2 | 2.491 | 7.9 | 413,620 | Open | 13.7 | 270 |
| 7/14/2025 | 7:00:00 | 7.2 | 2.434 | 8.8 | 413,657 | Open | 13.7 | 269 |
| 7/14/2025 | 7:15:00 | 7.2 | 2.434 | 10 | 413,694 | Open | 13.7 | 269 |
| 7/14/2025 | 7:30:00 | 7.2 | 2.438 | 15.9 | 413,714 | Open | 13.6 | 269 |
| 7/14/2025 | 7:45:00 | 7.2 | 2.434 | 12.3 | 413,751 | Open | 13.7 | 270 |
| 7/14/2025 | 8:00:00 | 7.2 | 1.809 | 13.2 | 413,783 | Open | 13.7 | 269 |
| 7/14/2025 | 8:15:00 | 7.2 | 2.460 | 7.6 | 413,801 | Open | 14 | 266 |
| 7/14/2025 | 8:30:00 | 7.2 | 2.438 | 9 | 413,837 | Open | 13.6 | 267 |
| 7/14/2025 | 8:45:00 | 7.2 | 1.525 | 20.2 | 413,867 | Closed | 13.6 | 267 |
| 7/14/2025 | 9:00:00 | 7.2 | 0.000 | 8.5 | 413,899 | Closed | 13.6 | 268 |
| 7/14/2025 | 9:15:00 | 7.3 | 2.407 | 3.1 | 413,923 | Open | 13.6 | 268 |
| 7/14/2025 | 9:30:00 | 7.3 | 1.893 | 7.6 | 413,957 | Open | 13.8 | 268 |
| 7/14/2025 | 9:45:00 | 7.3 | 2.441 | 0.3 | 413,990 | Open | 13.7 | 268 |
| 7/14/2025 | 10:00:00 | 7.3 | 2.426 | 1.7 | 414,014 | Open | 14 | 268 |
| 7/14/2025 | 10:15:00 | 7.3 | 1.821 | 6 | 414,048 | Open | 13.9 | 268 |
| 7/14/2025 | 10:30:00 | 7.3 | 2.419 | 2.2 | 414,081 | Open | 13.9 | 267 |
| 7/14/2025 | 10:45:00 | 7.3 | 2.438 | 4.2 | 414,105 | Open | 14.2 | 267 |
| 7/14/2025 | 11:00:00 | 7.3 | 1.851 | 6.3 | 414,139 | Open | 14.2 | 268 |
| 7/14/2025 | 11:15:00 | 7.3 | 2.445 | 0.9 | 414,172 | Open | 14.1 | 267 |
| 7/14/2025 | 11:30:00 | 7.3 | 2.438 | 3.4 | 414,209 | Open | 14.1 | 267 |
| 7/14/2025 | 11:45:00 | 7.3 | 1.787 | 24.4 | 414,243 | Open | 14.2 | 267 |
| 7/14/2025 | 12:00:00 | 7.3 | 2.453 | 0.6 | 414,265 | Open | 14.1 | 267 |

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|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/14/2025 | 12:15:00 | 7.3 | 2.377 | 0.7 | 414,301 | Open | 14.2 | 267 |
| 7/14/2025 | 12:30:00 | 7.4 | 1.813 | 6.6 | 414,334 | Open | 14.4 | 267 |
| 7/14/2025 | 12:45:00 | 7.4 | 2.419 | 1.4 | 414,357 | Open | 14.3 | 267 |
| 7/14/2025 | 13:00:00 | 7.4 | 2.369 | 2.9 | 414,392 | Open | 14.3 | 267 |
| 7/14/2025 | 13:15:00 | 7.4 | 1.715 | 12.6 | 414,425 | Open | 14.4 | 267 |
| 7/14/2025 | 13:30:00 | 7.4 | 1.329 | 1.7 | 414,442 | Closed | 14.6 | 267 |
| 7/14/2025 | 13:45:00 | 7.3 | 2.400 | 1.1 | 414,477 | Open | 14.1 | 267 |
| 7/14/2025 | 14:15:00 | 7.3 | 2.415 | 0 | 414,533 | Open | 14.1 | 267 |
| 7/14/2025 | 14:30:00 | 7.3 | 2.392 | 0 | 414,568 | Open | 14.2 | 267 |
| 7/14/2025 | 14:45:00 | 7.3 | 0.000 | 4.5 | 414,600 | Closed | 14.5 | 267 |
| 7/14/2025 | 15:00:00 | 7.3 | 0.000 | 0 | 414,615 | Closed | 14.5 | 265 |
| 7/14/2025 | 15:15:00 | 7.3 | 2.385 | 0 | 414,641 | Open | 14.4 | 267 |
| 7/14/2025 | 15:30:00 | 7.3 | 1.775 | 0 | 414,663 | Open | 14.8 | 267 |
| 7/14/2025 | 15:45:00 | 7.3 | 2.422 | 0.3 | 414,697 | Open | 14.5 | 267 |
| 7/14/2025 | 16:00:00 | 7.3 | 2.400 | 0.7 | 414,733 | Open | 14.5 | 267 |
| 7/14/2025 | 16:15:00 | 7.3 | 1.665 | 0.8 | 414,750 | Closed | 14.9 | 267 |
| 7/14/2025 | 16:30:00 | 7.3 | 2.422 | 0.8 | 414,783 | Open | 14.5 | 267 |
| 7/14/2025 | 16:45:00 | 7.3 | 2.362 | 2.4 | 414,819 | Open | 14.5 | 267 |
| 7/14/2025 | 17:00:00 | 7.3 | 1.582 | 14.3 | 414,850 | Open | 14.7 | 270 |
| 7/14/2025 | 17:15:00 | 7.3 | 2.430 | 3.1 | 414,883 | Open | 14.8 | 270 |
| 7/14/2025 | 17:30:00 | 7.3 | 2.449 | 1.9 | 414,897 | Open | 14.8 | 270 |
| 7/14/2025 | 17:45:00 | 7.3 | 1.877 | 22.8 | 414,931 | Open | 14.6 | 272 |
| 7/14/2025 | 18:00:00 | 7.3 | 2.619 | 0.7 | 414,968 | Open | 14.6 | 272 |
| 7/14/2025 | 18:15:00 | 7.3 | 1.389 | 3.8 | 414,995 | Open | 14.4 | 270 |
| 7/14/2025 | 18:30:00 | 7.3 | 2.419 | 1.5 | 415,030 | Open | 14.2 | 270 |

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|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/14/2025 | 18:45:00 | 7.3 | 2.419 | 3.7 | 415,067 | Open | 14.2 | 267 |
| 7/14/2025 | 19:00:00 | 7.3 | 1.718 | 12.3 | 415,089 | Closed | 14.6 | 267 |
| 7/14/2025 | 19:15:00 | 7.3 | 2.422 | 0.5 | 415,124 | Open | 14 | 265 |
| 7/14/2025 | 19:30:00 | 7.3 | 2.358 | 0.9 | 415,160 | Open | 13.9 | 264 |
| 7/14/2025 | 19:45:00 | 7.3 | 1.658 | 35.3 | 415,161 | Closed | 13.8 | 264 |
| 7/14/2025 | 20:00:00 | 7.3 | 2.509 | 1.8 | 415,167 | Open | 14.2 | 266 |
| 7/14/2025 | 20:15:00 | 7.3 | 0.000 | 1.9 | 415,185 | Closed | 14.2 | 266 |
| 7/14/2025 | 20:30:00 | 7.3 | 0.000 | 2.4 | 415,200 | Closed | 14.3 | 268 |
| 7/14/2025 | 20:45:00 | 7.3 | 0.000 | 1.2 | 415,227 | Closed | 13.9 | 264 |
| 7/14/2025 | 21:00:00 | 7.3 | 2.460 | 3 | 415,259 | Open | 13.8 | 268 |
| 7/14/2025 | 21:15:00 | 7.3 | 1.847 | 15.1 | 415,279 | Open | 14.3 | 268 |
| 7/14/2025 | 21:30:00 | 7.3 | 1.249 | 4.1 | 415,306 | Open | 13.9 | 269 |
| 7/14/2025 | 21:45:00 | 7.3 | 2.585 | 5.6 | 415,327 | Open | 13.6 | 271 |
| 7/14/2025 | 22:00:00 | 7.2 | 2.540 | 1.7 | 415,361 | Open | 13.8 | 276 |
| 7/14/2025 | 22:15:00 | 7.1 | 2.146 | 6.9 | 415,397 | Open | 14.3 | 284 |
| 7/14/2025 | 22:30:00 | 7.1 | 2.388 | 1.2 | 415,423 | Closed | 14 | 274 |
| 7/14/2025 | 22:45:00 | 7.1 | 2.521 | 2.2 | 415,429 | Open | 13.9 | 274 |
| 7/14/2025 | 23:00:00 | 7.2 | 2.176 | 7 | 415,465 | Open | 14 | 274 |
| 7/14/2025 | 23:15:00 | 7.2 | 2.502 | 1.7 | 415,498 | Open | 13.9 | 271 |
| 7/14/2025 | 23:30:00 | 7.2 | 2.070 | 1.7 | 415,520 | Closed | 14.3 | 114 |
| 7/14/2025 | 23:45:00 | 7.2 | 0.000 | 17.2 | 415,552 | Closed | 13.7 | 269 |
| 7/15/2025 | 0:00:00 | 7.2 | 2.506 | 2.7 | 415,578 | Open | 13.6 | 271 |
| 7/15/2025 | 0:15:00 | 7.2 | 2.506 | 2.1 | 415,616 | Open | 13.5 | 271 |
| 7/15/2025 | 0:30:00 | 7.3 | 0.000 | 2.1 | 415,644 | Closed | 13.7 | 271 |
| 7/15/2025 | 0:45:00 | 7.2 | 2.509 | 0.9 | 415,675 | Open | 13.5 | 271 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/15/2025 | 1:00:00 | 7.2 | 2.491 | 3.4 | 415,712 | Open | 13.5 | 271 |
| 7/15/2025 | 1:15:00 | 7.3 | 1.794 | 7.1 | 415,747 | Open | 13.5 | 269 |
| 7/15/2025 | 1:30:00 | 7.3 | 2.494 | 1.3 | 415,780 | Open | 13.3 | 268 |
| 7/15/2025 | 1:45:00 | 7.3 | 2.472 | 1 | 415,817 | Open | 13.3 | 268 |
| 7/15/2025 | 2:00:00 | 7.3 | 1.866 | 7.4 | 415,852 | Open | 13.3 | 268 |
| 7/15/2025 | 2:15:00 | 7.3 | 2.525 | 1.1 | 415,874 | Open | 13.3 | 266 |
| 7/15/2025 | 2:30:00 | 7.3 | 0.000 | 0.9 | 415,903 | Closed | 13.4 | 268 |
| 7/15/2025 | 2:45:00 | 7.3 | 0.265 | 10.2 | 415,927 | Closed | 13.3 | 268 |
| 7/15/2025 | 3:00:00 | 7.3 | 0.352 | 1.9 | 415,949 | Closed | 13.2 | 268 |
| 7/15/2025 | 3:15:00 | 7.3 | 2.494 | 2.3 | 415,970 | Open | 13.2 | 268 |
| 7/15/2025 | 3:30:00 | 7.3 | 1.881 | 7.5 | 416,005 | Open | 13.2 | 268 |
| 7/15/2025 | 3:45:00 | 7.3 | 2.502 | 0.9 | 416,038 | Open | 13.1 | 268 |
| 7/15/2025 | 4:00:00 | 7.3 | 0.261 | 1.1 | 416,073 | Closed | 13.1 | 266 |
| 7/15/2025 | 4:15:00 | 7.3 | 1.813 | 3.6 | 416,099 | Open | 13.2 | 268 |
| 7/15/2025 | 4:30:00 | 7.3 | 2.161 | 0.5 | 416,131 | Open | 13.3 | 268 |
| 7/15/2025 | 4:45:00 | 7.3 | 2.142 | 1.8 | 416,163 | Open | 13.3 | 268 |
| 7/15/2025 | 5:00:00 | 7.3 | 2.070 | 14.6 | 416,175 | Closed | 13.2 | 268 |
| 7/15/2025 | 5:15:00 | 7.3 | 2.532 | 2 | 416,200 | Open | 13.3 | 265 |
| 7/15/2025 | 5:30:00 | 7.3 | 2.513 | 2.6 | 416,238 | Open | 13.3 | 267 |
| 7/15/2025 | 5:45:00 | 7.3 | 0.000 | 9.2 | 416,261 | Closed | 13.6 | 271 |
| 7/15/2025 | 6:00:00 | 7.3 | 2.525 | 2 | 416,290 | Open | 13.3 | 271 |
| 7/15/2025 | 6:15:00 | 7.3 | 2.502 | 1.3 | 416,328 | Open | 13.4 | 271 |
| 7/15/2025 | 6:30:00 | 7.3 | 0.000 | 3.7 | 416,353 | Closed | 13.7 | 269 |
| 7/15/2025 | 6:45:00 | 7.3 | 2.475 | 0.7 | 416,383 | Open | 13.3 | 268 |
| 7/15/2025 | 7:00:00 | 7.3 | 2.494 | 2.1 | 416,406 | Open | 13.4 | 266 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/15/2025 | 7:15:00 | 7.3 | 0.000 | 7.7 | 416,425 | Closed | 13.8 | 266 |
| 7/15/2025 | 7:30:00 | 7.3 | 2.475 | 3.9 | 416,458 | Open | 13.1 | 263 |
| 7/15/2025 | 7:45:00 | 7.3 | 2.555 | 9.4 | 416,495 | Open | 13.1 | 263 |
| 7/15/2025 | 8:00:00 | 7.2 | 2.566 | 16.5 | 416,521 | Open | 13.1 | 264 |
| 7/15/2025 | 8:15:00 | 7.2 | 2.040 | 6.6 | 416,558 | Open | 13.1 | 264 |
| 7/15/2025 | 8:30:00 | 7.2 | 2.551 | 5.6 | 416,584 | Open | 13.3 | 264 |
| 7/15/2025 | 8:45:00 | 7.2 | 2.525 | 4.9 | 416,612 | Open | 13.4 | 266 |
| 7/15/2025 | 9:00:00 | 7.3 | 2.494 | 0.9 | 416,650 | Open | 13.6 | 266 |
| 7/15/2025 | 9:15:00 | 7.3 | 2.483 | 1.6 | 416,687 | Open | 13.6 | 266 |
| 7/15/2025 | 9:30:00 | 7.3 | 2.415 | 5.1 | 416,717 | Open | 13.6 | 264 |
| 7/15/2025 | 9:45:00 | 7.3 | 2.441 | 0.6 | 416,738 | Open | 13.7 | 264 |
| 7/15/2025 | 10:00:00 | 7.3 | 2.422 | 1.6 | 416,775 | Open | 13.7 | 265 |
| 7/15/2025 | 10:15:00 | 7.3 | 2.449 | 1.4 | 416,811 | Open | 13.9 | 270 |
| 7/15/2025 | 10:30:00 | 7.3 | 1.544 | 2 | 416,826 | Open | 14 | 270 |
| 7/15/2025 | 10:45:00 | 7.3 | 2.320 | 1.9 | 416,863 | Closed | 14 | 268 |
| 7/15/2025 | 11:00:00 | 7.3 | 2.472 | 3.2 | 416,887 | Open | 14.1 | 268 |
| 7/15/2025 | 11:15:00 | 7.3 | 1.911 | 5.8 | 416,919 | Open | 14.4 | 267 |
| 7/15/2025 | 11:30:00 | 7.3 | 2.483 | 3.3 | 416,956 | Open | 14.3 | 266 |
| 7/15/2025 | 11:45:00 | 7.3 | 2.373 | 2.5 | 416,970 | Closed | 14.5 | 266 |
| 7/15/2025 | 12:00:00 | 7.3 | 1.919 | 11 | 416,997 | Open | 14.7 | 266 |
| 7/15/2025 | 12:15:00 | 7.3 | 0.000 | 1.3 | 417,030 | Closed | 14.7 | 266 |
| 7/15/2025 | 12:30:00 | 7.3 | 2.456 | 1.7 | 417,059 | Open | 14.7 | 267 |
| 7/15/2025 | 12:45:00 | 7.3 | 1.843 | 13.2 | 417,089 | Open | 14.9 | 267 |
| 7/15/2025 | 13:00:00 | 7.3 | 2.498 | 1.7 | 417,095 | Open | 14.8 | 267 |
| 7/15/2025 | 13:15:00 | 7.3 | 2.460 | 2.2 | 417,132 | Open | 14.8 | 267 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/15/2025 | 13:30:00 | 7.3 | 1.900 | 12.2 | 417,153 | Open | 15.3 | 267 |
| 7/15/2025 | 13:45:00 | 7.3 | 2.475 | 1.5 | 417,191 | Open | 15 | 267 |
| 7/15/2025 | 14:00:00 | 7.3 | 2.438 | 1.6 | 417,227 | Open | 15 | 269 |
| 7/15/2025 | 14:15:00 | 7.3 | 1.397 | 9.4 | 417,253 | Open | 14.9 | 266 |
| 7/15/2025 | 14:30:00 | 7.3 | 2.388 | 2.2 | 417,289 | Open | 14.9 | 266 |
| 7/15/2025 | 14:45:00 | 7.3 | 2.347 | 1.7 | 417,325 | Open | 14.9 | 266 |
| 7/15/2025 | 15:00:00 | 7.3 | 1.764 | 10.5 | 417,346 | Open | 15.3 | 266 |
| 7/15/2025 | 15:15:00 | 7.3 | 2.354 | 1.3 | 417,381 | Open | 15 | 266 |
| 7/15/2025 | 15:30:00 | 7.3 | 2.362 | 3.7 | 417,417 | Open | 15.1 | 266 |
| 7/15/2025 | 15:45:00 | 7.3 | 1.404 | 23 | 417,445 | Open | 15.1 | 266 |
| 7/15/2025 | 16:00:00 | 7.3 | 2.419 | 7 | 417,481 | Open | 15.1 | 266 |
| 7/15/2025 | 16:15:00 | 7.3 | 2.426 | 9.1 | 417,506 | Open | 15.2 | 266 |
| 7/15/2025 | 16:30:00 | 7.3 | 1.669 | 8.4 | 417,532 | Open | 15.2 | 266 |
| 7/15/2025 | 16:45:00 | 7.3 | 2.419 | 7.3 | 417,569 | Open | 15 | 261 |
| 7/15/2025 | 17:00:00 | 7.3 | 2.403 | 4.3 | 417,605 | Open | 14.8 | 263 |
| 7/15/2025 | 17:15:00 | 7.3 | 1.783 | 15.4 | 417,623 | Open | 15 | 263 |
| 7/15/2025 | 17:30:00 | 7.3 | 2.400 | 5.7 | 417,659 | Open | 14.8 | 263 |
| 7/15/2025 | 17:45:00 | 7.3 | 0.254 | 3.9 | 417,682 | Open | 15.8 | 119 |
| 7/15/2025 | 18:00:00 | 7.3 | 1.787 | 9.4 | 417,697 | Open | 14.7 | 262 |
| 7/15/2025 | 18:15:00 | 7.3 | 1.283 | 14.7 | 417,722 | Open | 14.5 | 266 |
| 7/15/2025 | 18:30:00 | 7.3 | 2.513 | 8.9 | 417,760 | Open | 14.5 | 264 |
| 7/15/2025 | 18:45:00 | 7.3 | 2.479 | 9.8 | 417,797 | Open | 14.5 | 264 |
| 7/15/2025 | 19:00:00 | 7.3 | 1.938 | 16.3 | 417,829 | Open | 14.7 | 264 |
| 7/15/2025 | 19:15:00 | 7.3 | 1.919 | 6.7 | 417,855 | Open | 14.4 | 259 |
| 7/15/2025 | 19:30:00 | 7.2 | 2.513 | 9.8 | 417,888 | Open | 14.3 | 262 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/15/2025 | 19:45:00 | 7.3 | 2.528 | 14.4 | 417,908 | Open | 15.5 | 259 |
| 7/15/2025 | 20:00:00 | 7.2 | 1.911 | 8.7 | 417,945 | Open | 14.1 | 261 |
| 7/15/2025 | 20:15:00 | 7.2 | 1.192 | 15.1 | 417,970 | Open | 13.9 | 262 |
| 7/15/2025 | 20:30:00 | 7.3 | 2.271 | 6.8 | 417,992 | Open | 14.5 | 114 |
| 7/15/2025 | 20:45:00 | 7.2 | 2.551 | 8.8 | 418,031 | Open | 13.6 | 264 |
| 7/15/2025 | 21:00:00 | 7.2 | 1.586 | 25.2 | 418,063 | Open | 13.6 | 264 |
| 7/15/2025 | 21:15:00 | 7.2 | 2.426 | 5.5 | 418,084 | Open | 13.6 | 261 |
| 7/15/2025 | 21:30:00 | 7.3 | 2.422 | 3.4 | 418,121 | Open | 13.5 | 263 |
| 7/15/2025 | 21:45:00 | 7.3 | 1.862 | 13.3 | 418,153 | Open | 13.6 | 263 |
| 7/15/2025 | 22:00:00 | 7.3 | 2.426 | 3 | 418,188 | Open | 13.4 | 259 |
| 7/15/2025 | 22:15:00 | 7.3 | 2.385 | 3.3 | 418,224 | Open | 13.4 | 262 |
| 7/15/2025 | 22:30:00 | 7.3 | 1.764 | 7.6 | 418,256 | Open | 13.6 | 258 |
| 7/15/2025 | 22:45:00 | 7.3 | 2.430 | 2.3 | 418,279 | Open | 13.6 | 258 |
| 7/15/2025 | 23:00:00 | 7.3 | 1.313 | 5.9 | 418,309 | Open | 13.6 | 258 |
| 7/15/2025 | 23:15:00 | 7.3 | 2.559 | 3.7 | 418,339 | Open | 13.5 | 262 |
| 7/15/2025 | 23:45:00 | 7.3 | 2.210 | 19.6 | 418,414 | Open | 13.6 | 260 |
| 7/16/2025 | 0:00:00 | 7.3 | 2.547 | 3.3 | 418,440 | Open | 13.5 | 257 |
| 7/16/2025 | 0:15:00 | 7.3 | 2.521 | 3.2 | 418,479 | Open | 13.4 | 257 |
| 7/16/2025 | 0:30:00 | 7.3 | 0.000 | 3.7 | 418,506 | Closed | 13.7 | 258 |
| 7/16/2025 | 0:45:00 | 7.3 | 2.559 | 5.9 | 418,536 | Open | 13.4 | 258 |
| 7/16/2025 | 1:00:00 | 7.3 | 2.513 | 6.5 | 418,574 | Open | 13.3 | 258 |
| 7/16/2025 | 1:15:00 | 7.3 | 2.017 | 14.3 | 418,597 | Open | 13.4 | 258 |
| 7/16/2025 | 1:30:00 | 7.3 | 2.449 | 5.7 | 418,629 | Open | 13.2 | 261 |
| 7/16/2025 | 1:45:00 | 7.3 | 2.460 | 2.9 | 418,645 | Open | 13.4 | 261 |
| 7/16/2025 | 2:00:00 | 7.3 | 0.000 | 4.6 | 418,668 | Closed | 13.5 | 261 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/16/2025 | 2:15:00 | 7.3 | 2.449 | 4.2 | 418,699 | Open | 13.2 | 261 |
| 7/16/2025 | 2:30:00 | 7.3 | 2.385 | 7.8 | 418,729 | Open | 13.1 | 261 |
| 7/16/2025 | 2:45:00 | 7.3 | 1.722 | 17.6 | 418,762 | Open | 13.1 | 261 |
| 7/16/2025 | 3:00:00 | 7.2 | 2.392 | 3.7 | 418,793 | Open | 13 | 261 |
| 7/16/2025 | 3:15:00 | 7.3 | 2.362 | 29.6 | 418,829 | Open | 13 | 261 |
| 7/16/2025 | 3:30:00 | 7.3 | 0.000 | 3.5 | 418,859 | Closed | 13.1 | 261 |
| 7/16/2025 | 3:45:00 | 7.3 | 2.343 | 3.7 | 418,884 | Open | 13 | 261 |
| 7/16/2025 | 4:00:00 | 7.2 | 2.286 | 7.1 | 418,919 | Open | 12.9 | 261 |
| 7/16/2025 | 4:15:00 | 7.2 | 1.374 | 21.3 | 418,949 | Open | 12.9 | 261 |
| 7/16/2025 | 4:30:00 | 7.2 | 2.313 | 6.9 | 418,977 | Open | 12.9 | 261 |
| 7/16/2025 | 4:45:00 | 7.3 | 2.385 | 10.2 | 419,012 | Open | 13 | 261 |
| 7/16/2025 | 5:00:00 | 7.3 | 0.000 | 8.1 | 419,034 | Closed | 13.2 | 261 |
| 7/16/2025 | 5:15:00 | 7.3 | 2.377 | 11.1 | 419,054 | Open | 13 | 261 |
| 7/16/2025 | 5:30:00 | 7.3 | 0.000 | 14.6 | 419,085 | Closed | 13 | 261 |
| 7/16/2025 | 5:45:00 | 7.2 | 1.692 | 13.3 | 419,109 | Open | 12.9 | 261 |
| 7/16/2025 | 6:00:00 | 7.2 | 2.373 | 6.6 | 419,139 | Open | 12.8 | 261 |
| 7/16/2025 | 6:15:00 | 7.2 | 2.347 | 8 | 419,175 | Open | 12.8 | 261 |
| 7/16/2025 | 6:30:00 | 7.2 | 1.711 | 18.2 | 419,206 | Open | 12.9 | 261 |
| 7/16/2025 | 6:45:00 | 7.3 | 2.415 | 11.7 | 419,221 | Open | 13 | 261 |
| 7/16/2025 | 7:00:00 | 7.2 | 2.369 | 15.9 | 419,258 | Open | 12.9 | 261 |
| 7/16/2025 | 7:15:00 | 7.2 | 2.449 | 7.6 | 419,286 | Open | 13 | 263 |
| 7/16/2025 | 7:30:00 | 7.2 | 2.453 | 6.9 | 419,322 | Open | 12.8 | 261 |
| 7/16/2025 | 7:45:00 | 7.2 | 2.475 | 6.1 | 419,346 | Open | 12.8 | 257 |
| 7/16/2025 | 8:00:00 | 7.2 | 2.483 | 5.3 | 419,379 | Open | 12.8 | 258 |
| 7/16/2025 | 8:15:00 | 7.2 | 2.464 | 6.1 | 419,416 | Open | 12.9 | 258 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/16/2025 | 8:30:00 | 7.2 | 0.000 | 8.1 | 419,443 | Closed | 13.2 | 261 |
| 7/16/2025 | 8:45:00 | 7.2 | 2.464 | 8.3 | 419,469 | Open | 13.1 | 261 |
| 7/16/2025 | 9:00:00 | 7.2 | 2.415 | 9.2 | 419,506 | Open | 13.3 | 261 |
| 7/16/2025 | 9:15:00 | 7.2 | 2.388 | 11.5 | 419,527 | Open | 13.4 | 261 |
| 7/16/2025 | 9:30:00 | 7.3 | 2.350 | 3 | 419,540 | Open | 13.5 | 263 |
| 7/16/2025 | 9:45:00 | 7.3 | 2.369 | 5.2 | 419,576 | Open | 13.5 | 263 |
| 7/16/2025 | 10:00:00 | 7.3 | 2.343 | 4.4 | 419,611 | Open | 13.6 | 261 |
| 7/16/2025 | 10:15:00 | 7.3 | 2.388 | 1.6 | 419,641 | Open | 13.7 | 265 |
| 7/16/2025 | 10:30:00 | 7.4 | 2.396 | 1.2 | 419,661 | Open | 13.8 | 265 |
| 7/16/2025 | 10:45:00 | 7.4 | 2.381 | 2 | 419,682 | Open | 14.1 | 265 |
| 7/16/2025 | 11:00:00 | 7.4 | 2.411 | 1.9 | 419,713 | Open | 14 | 263 |
| 7/16/2025 | 11:15:00 | 7.4 | 2.385 | 2.3 | 419,749 | Open | 14.1 | 267 |
| 7/16/2025 | 11:30:00 | 7.4 | 2.366 | 1.2 | 419,785 | Open | 14.1 | 267 |
| 7/16/2025 | 11:45:00 | 7.4 | 2.551 | 0.9 | 419,813 | Open | 14.1 | 267 |
| 7/16/2025 | 12:00:00 | 7.4 | 2.498 | 1.2 | 419,851 | Open | 14.1 | 267 |
| 7/16/2025 | 12:15:00 | 7.4 | 0.000 | 0.8 | 419,868 | Closed | 14.5 | 265 |
| 7/16/2025 | 12:30:00 | 7.4 | 2.445 | 2.8 | 419,890 | Open | 14.2 | 264 |
| 7/16/2025 | 12:45:00 | 7.4 | 2.419 | 2.2 | 419,926 | Open | 14.4 | 264 |
| 7/16/2025 | 13:00:00 | 7.3 | 2.286 | 2.4 | 419,963 | Open | 14.6 | 264 |
| 7/16/2025 | 13:15:00 | 7.3 | 2.407 | 3.7 | 419,987 | Open | 14.6 | 267 |
| 7/16/2025 | 13:30:00 | 7.3 | 2.574 | 3.2 | 420,014 | Closed | 14.7 | 267 |
| 7/16/2025 | 13:45:00 | 7.3 | 2.252 | 1 | 420,014 | Closed | 14.8 | 269 |
| 7/16/2025 | 14:00:00 | 7.3 | 2.498 | 2.2 | 420,030 | Open | 14.7 | 269 |
| 7/16/2025 | 14:15:00 | 7.4 | 2.525 | 3.4 | 420,054 | Open | 14.9 | 269 |
| 7/16/2025 | 14:30:00 | 7.3 | 1.911 | 2.7 | 420,091 | Open | 14.6 | 266 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/16/2025 | 14:45:00 | 7.3 | 2.544 | 3.6 | 420,108 | Open | 14.6 | 266 |
| 7/16/2025 | 15:00:00 | 7.3 | 2.562 | 1.3 | 420,134 | Open | 14.6 | 266 |
| 7/16/2025 | 15:15:00 | 7.4 | 0.000 | 2.6 | 420,167 | Closed | 14.7 | 264 |
| 7/16/2025 | 15:30:00 | 7.3 | 2.547 | 6.6 | 420,176 | Closed | 14.6 | 266 |
| 7/16/2025 | 15:45:00 | 7.4 | 0.246 | 0 | 420,198 | Closed | 14.8 | 117 |
| 7/16/2025 | 16:00:00 | 7.3 | 1.945 | 5.5 | 420,226 | Open | 14.5 | 261 |
| 7/16/2025 | 16:15:00 | 7.3 | 2.574 | 4.2 | 420,242 | Open | 14.5 | 264 |
| 7/16/2025 | 16:30:00 | 7.4 | 2.528 | 1.7 | 420,280 | Open | 14.5 | 264 |
| 7/16/2025 | 16:45:00 | 7.4 | 1.945 | 2.9 | 420,306 | Open | 14.7 | 266 |
| 7/16/2025 | 17:00:00 | 7.4 | 2.453 | 2.4 | 420,332 | Open | 14.8 | 271 |
| 7/16/2025 | 17:15:00 | 7.4 | 2.483 | 2.9 | 420,369 | Open | 14.8 | 272 |
| 7/16/2025 | 17:30:00 | 7.4 | 1.870 | 0.6 | 420,406 | Open | 14.8 | 272 |
| 7/16/2025 | 17:45:00 | 7.4 | 2.502 | 1.3 | 420,426 | Open | 14.9 | 274 |
| 7/16/2025 | 18:00:00 | 7.4 | 2.506 | 3 | 420,444 | Open | 15 | 272 |
| 7/16/2025 | 18:15:00 | 7.4 | 1.855 | 3.5 | 420,467 | Open | 15.3 | 272 |
| 7/16/2025 | 18:30:00 | 7.3 | 2.498 | 2.7 | 420,498 | Open | 14.7 | 272 |
| 7/16/2025 | 18:45:00 | 7.4 | 0.000 | 3.6 | 420,525 | Closed | 14.8 | 267 |
| 7/16/2025 | 19:00:00 | 7.3 | 1.877 | 14.3 | 420,558 | Open | 14.3 | 267 |
| 7/16/2025 | 19:15:00 | 7.3 | 2.551 | 9 | 420,574 | Open | 14.3 | 267 |
| 7/16/2025 | 19:30:00 | 7.3 | 1.321 | 19.1 | 420,601 | Open | 14 | 267 |
| 7/16/2025 | 19:45:00 | 7.3 | 2.559 | 7.4 | 420,623 | Open | 14.1 | 264 |
| 7/16/2025 | 20:00:00 | 7.3 | 2.528 | 8.1 | 420,661 | Open | 13.7 | 264 |
| 7/16/2025 | 20:15:00 | 7.3 | 1.620 | 42.9 | 420,681 | Closed | 14 | 263 |
| 7/16/2025 | 20:30:00 | 7.3 | 2.521 | 14.3 | 420,715 | Open | 13.5 | 265 |
| 7/16/2025 | 20:45:00 | 7.3 | 2.718 | 401.8 | 420,730 | Open | 13.5 | 263 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/16/2025 | 21:00:00 | 7.3 | 1.809 | 17.2 | 420,758 | Open | 13.5 | 263 |
| 7/16/2025 | 21:15:00 | 7.3 | 2.551 | 9.6 | 420,773 | Open | 13.5 | 263 |
| 7/16/2025 | 21:30:00 | 7.3 | 2.536 | 2.9 | 420,811 | Open | 13.5 | 263 |
| 7/16/2025 | 21:45:00 | 7.3 | 1.707 | 3.6 | 420,844 | Closed | 13.5 | 269 |
| 7/16/2025 | 22:00:00 | 7.3 | 2.574 | 1.8 | 420,868 | Open | 13.6 | 269 |
| 7/16/2025 | 22:15:00 | 7.3 | 2.585 | 1.9 | 420,886 | Open | 13.9 | 269 |
| 7/16/2025 | 22:30:00 | 7.3 | 1.915 | 6.6 | 420,906 | Open | 13.8 | 273 |
| 7/16/2025 | 22:45:00 | 7.3 | 2.547 | 2.9 | 420,943 | Open | 13.6 | 268 |
| 7/16/2025 | 23:00:00 | 7.4 | 0.000 | 3.7 | 420,971 | Closed | 13.7 | 268 |
| 7/16/2025 | 23:15:00 | 7.3 | 1.559 | 3.7 | 420,996 | Open | 13.5 | 266 |
| 7/16/2025 | 23:30:00 | 7.3 | 2.714 | 1.4 | 421,011 | Open | 13.6 | 266 |
| 7/16/2025 | 23:45:00 | 7.3 | 0.000 | 3 | 421,034 | Closed | 13.8 | 266 |
| 7/17/2025 | 0:00:00 | 7.3 | 2.040 | 3.8 | 421,063 | Open | 13.6 | 268 |
| 7/17/2025 | 0:15:00 | 7.3 | 2.627 | 1.3 | 421,085 | Open | 13.8 | 269 |
| 7/17/2025 | 0:30:00 | 7.3 | 2.589 | 2.1 | 421,124 | Open | 13.6 | 269 |
| 7/17/2025 | 0:45:00 | 7.3 | 1.662 | 4.5 | 421,158 | Open | 13.7 | 269 |
| 7/17/2025 | 1:00:00 | 7.3 | 2.483 | 3.3 | 421,180 | Closed | 13.9 | 269 |
| 7/17/2025 | 1:15:00 | 7.3 | 0.000 | 2.6 | 421,207 | Closed | 13.9 | 269 |
| 7/17/2025 | 1:30:00 | 7.3 | 1.964 | 6.9 | 421,236 | Open | 13.8 | 271 |
| 7/17/2025 | 1:45:00 | 7.3 | 2.559 | 2.9 | 421,274 | Open | 13.7 | 271 |
| 7/17/2025 | 2:00:00 | 7.4 | 0.000 | 1.6 | 421,310 | Closed | 13.7 | 271 |
| 7/17/2025 | 2:15:00 | 7.4 | 1.567 | 2.2 | 421,330 | Open | 13.7 | 271 |
| 7/17/2025 | 2:30:00 | 7.4 | 2.449 | 2.6 | 421,354 | Open | 13.8 | 271 |
| 7/17/2025 | 2:45:00 | 7.3 | 2.532 | 2.6 | 421,392 | Open | 13.5 | 271 |
| 7/17/2025 | 3:00:00 | 7.4 | 1.563 | 10.9 | 421,403 | Open | 13.9 | 271 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/17/2025 | 3:15:00 | 7.3 | 2.525 | 5.9 | 421,438 | Open | 13.5 | 272 |
| 7/17/2025 | 3:30:00 | 7.3 | 2.491 | 7.1 | 421,475 | Open | 13.4 | 271 |
| 7/17/2025 | 3:45:00 | 7.3 | 2.252 | 6.4 | 421,504 | Open | 13.5 | 271 |
| 7/17/2025 | 4:00:00 | 7.3 | 0.000 | 3.8 | 421,531 | Closed | 13.5 | 271 |
| 7/17/2025 | 4:15:00 | 7.3 | 0.000 | 4.8 | 421,556 | Closed | 13.4 | 271 |
| 7/17/2025 | 4:30:00 | 7.3 | 2.006 | 9.9 | 421,573 | Open | 13.4 | 271 |
| 7/17/2025 | 4:45:00 | 7.3 | 2.551 | 7.2 | 421,608 | Open | 13.4 | 271 |
| 7/17/2025 | 5:00:00 | 7.3 | 2.517 | 7.3 | 421,646 | Open | 13.5 | 274 |
| 7/17/2025 | 5:15:00 | 7.3 | 0.280 | 11.9 | 421,675 | Closed | 13.5 | 274 |
| 7/17/2025 | 5:30:00 | 7.3 | 2.540 | 4.5 | 421,696 | Open | 13.5 | 272 |
| 7/17/2025 | 5:45:00 | 7.3 | 2.513 | 3 | 421,734 | Open | 13.4 | 272 |
| 7/17/2025 | 6:00:00 | 7.3 | 1.616 | 9.2 | 421,763 | Closed | 13.4 | 272 |
| 7/17/2025 | 6:15:00 | 7.3 | 2.517 | 2.6 | 421,763 | Closed | 13.3 | 271 |
| 7/17/2025 | 6:30:00 | 7.3 | 0.473 | 0 | 421,778 | Closed | 13.4 | 114 |
| 7/17/2025 | 6:45:00 | 7.4 | 1.942 | 7.3 | 421,793 | Open | 13.4 | 269 |
| 7/17/2025 | 7:00:00 | 7.3 | 2.502 | 3.7 | 421,829 | Open | 13.2 | 271 |
| 7/17/2025 | 7:15:00 | 7.3 | 0.000 | 6.7 | 421,863 | Closed | 13.2 | 271 |
| 7/17/2025 | 7:30:00 | 7.3 | 1.904 | 12.3 | 421,883 | Open | 13.1 | 267 |
| 7/17/2025 | 7:45:00 | 7.3 | 0.337 | 8.6 | 421,919 | Open | 13 | 266 |
| 7/17/2025 | 8:00:00 | 7.3 | 2.468 | 9.3 | 421,945 | Open | 13 | 264 |
| 7/17/2025 | 8:15:00 | 7.3 | 1.188 | 15.4 | 421,972 | Open | 13.1 | 266 |
| 7/17/2025 | 8:30:00 | 7.3 | 2.422 | 11.8 | 422,006 | Open | 13.1 | 266 |
| 7/17/2025 | 8:45:00 | 7.3 | 2.403 | 11.5 | 422,042 | Open | 13.2 | 266 |
| 7/17/2025 | 9:00:00 | 7.3 | 1.847 | 19.5 | 422,074 | Open | 13.3 | 266 |
| 7/17/2025 | 9:15:00 | 7.3 | 2.400 | 8.7 | 422,109 | Open | 13.3 | 266 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/17/2025 | 9:30:00 | 7.3 | 2.381 | 8.3 | 422,144 | Open | 13.4 | 266 |
| 7/17/2025 | 9:45:00 | 7.4 | 1.771 | 13.2 | 422,169 | Open | 13.9 | 114 |
| 7/17/2025 | 10:00:00 | 7.4 | 2.487 | 4.6 | 422,204 | Open | 13.7 | 265 |
| 7/17/2025 | 10:15:00 | 7.4 | 2.434 | 6.2 | 422,241 | Open | 13.8 | 267 |
| 7/17/2025 | 10:30:00 | 7.4 | 1.968 | 21.8 | 422,261 | Open | 13.9 | 268 |
| 7/17/2025 | 10:45:00 | 7.4 | 2.468 | 4.4 | 422,297 | Open | 13.8 | 265 |
| 7/17/2025 | 11:00:00 | 7.4 | 2.438 | 9.2 | 422,334 | Open | 13.8 | 265 |
| 7/17/2025 | 11:15:00 | 7.4 | 1.942 | 37.4 | 422,358 | Open | 14.4 | 262 |
| 7/17/2025 | 11:30:00 | 7.4 | 2.472 | 13.7 | 422,394 | Open | 13.9 | 263 |
| 7/17/2025 | 11:45:00 | 7.4 | 0.000 | 6.4 | 422,424 | Closed | 14.1 | 263 |
| 7/17/2025 | 12:00:00 | 7.3 | 1.306 | 16.2 | 422,443 | Open | 13.9 | 263 |
| 7/17/2025 | 12:15:00 | 7.3 | 2.525 | 7.8 | 422,477 | Open | 14 | 263 |
| 7/17/2025 | 12:30:00 | 7.3 | 2.509 | 13.7 | 422,515 | Open | 14 | 263 |
| 7/17/2025 | 12:45:00 | 7.4 | 1.968 | 23.4 | 422,549 | Open | 14.1 | 263 |
| 7/17/2025 | 13:00:00 | 7.4 | 2.521 | 22.1 | 422,570 | Open | 14.1 | 260 |
| 7/17/2025 | 13:15:00 | 7.4 | 2.475 | 27.7 | 422,583 | Open | 14.9 | 259 |
| 7/17/2025 | 13:30:00 | 7.4 | 1.942 | 24.5 | 422,610 | Open | 14.2 | 263 |
| 7/17/2025 | 13:45:00 | 7.4 | 2.521 | 6.7 | 422,643 | Open | 14.2 | 264 |
| 7/17/2025 | 14:00:00 | 7.4 | 2.460 | 5.8 | 422,681 | Open | 14.3 | 264 |
| 7/17/2025 | 14:15:00 | 7.4 | 1.662 | 52.9 | 422,701 | Closed | 14.8 | 264 |
| 7/17/2025 | 14:30:00 | 7.4 | 2.498 | 12.9 | 422,733 | Open | 14.3 | 264 |
| 7/17/2025 | 14:45:00 | 7.4 | 2.347 | 24.9 | 422,768 | Closed | 14.3 | 264 |
| 7/17/2025 | 15:00:00 | 7.4 | 2.650 | 2.6 | 422,794 | Open | 14.4 | 267 |
| 7/17/2025 | 15:15:00 | 7.4 | 2.453 | 3.3 | 422,832 | Open | 14.2 | 264 |
| 7/17/2025 | 15:30:00 | 7.4 | 2.547 | 3.3 | 422,856 | Open | 14.3 | 266 |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/17/2025 | 15:45:00 | 7.4 | 2.521 | 0 | 422,894 | Open | 14.3 | 266 |
| 7/17/2025 | 16:00:00 | 7.4 | 2.017 | 0.7 | 422,914 | Open | 14.4 | 264 |
| 7/17/2025 | 16:15:00 | 7.4 | 2.536 | 0 | 422,952 | Open | 14.4 | 264 |
| 7/17/2025 | 16:30:00 | 7.5 | 2.551 | 0 | 422,977 | Open | 14.4 | 264 |
| 7/17/2025 | 16:45:00 | 7.4 | 2.063 | 0 | 423,010 | Open | 14.5 | 264 |
| 7/17/2025 | 17:00:00 | 7.4 | 2.540 | 0 | 423,048 | Open | 14.5 | 264 |
| 7/17/2025 | 17:15:00 | 7.4 | 2.521 | 0 | 423,086 | Open | 14.5 | 264 |
| 7/17/2025 | 17:30:00 | 7.4 | 2.006 | 0.1 | 423,107 | Open | 14.6 | 264 |
| 7/17/2025 | 17:45:00 | 7.4 | 2.441 | 0 | 423,127 | Open | 15 | 267 |
| 7/17/2025 | 18:00:00 | 7.4 | 0.000 | 0 | 423,159 | Closed | 14.6 | 266 |
| 7/17/2025 | 18:15:00 | 7.4 | 2.063 | 0 | 423,183 | Open | 14.6 | 269 |
| 7/17/2025 | 18:30:00 | 7.4 | 0.000 | 0 | 423,210 | Closed | 14.8 | 269 |
| 7/17/2025 | 18:45:00 | 7.4 | 2.528 | 0 | 423,247 | Open | 14.4 | 269 |
| 7/17/2025 | 19:00:00 | 7.4 | 1.908 | 2.6 | 423,269 | Open | 14.8 | 267 |
| 7/17/2025 | 19:15:00 | 7.4 | 2.540 | 0 | 423,307 | Open | 14.2 | 266 |
| 7/17/2025 | 19:30:00 | 7.3 | 2.532 | 0 | 423,345 | Open | 14 | 267 |
| 7/17/2025 | 19:45:00 | 7.3 | 2.078 | 2.1 | 423,379 | Open | 13.9 | 265 |
| 7/17/2025 | 20:00:00 | 7.3 | 2.555 | 0 | 423,416 | Open | 13.6 | 263 |
| 7/17/2025 | 20:15:00 | 7.3 | 2.570 | 0.3 | 423,443 | Open | 13.6 | 263 |
| 7/17/2025 | 20:30:00 | 7.3 | 2.566 | 0.4 | 423,481 | Open | 13.7 | 263 |
| 7/17/2025 | 20:45:00 | 7.4 | 0.000 | 1.1 | 423,509 | Closed | 14 | 265 |
| 7/17/2025 | 21:00:00 | 7.4 | 2.551 | 0.5 | 423,537 | Open | 13.9 | 265 |
| 7/17/2025 | 21:15:00 | 7.4 | 2.547 | 0.3 | 423,563 | Open | 13.9 | 267 |
| 7/17/2025 | 21:30:00 | 7.4 | 0.000 | 0.4 | 423,596 | Closed | 13.8 | 267 |
| 7/17/2025 | 21:45:00 | 7.4 | 2.559 | 0.1 | 423,624 | Open | 13.7 | 265 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/17/2025 | 22:00:00 | 7.4 | 2.536 | 0.1 | 423,662 | Open | 13.7 | 264 |
| 7/17/2025 | 22:15:00 | 7.4 | 0.000 | 0.6 | 423,685 | Closed | 13.9 | 265 |
| 7/17/2025 | 22:30:00 | 7.4 | 2.547 | 0.1 | 423,715 | Open | 13.7 | 267 |
| 7/17/2025 | 22:45:00 | 7.4 | 0.000 | 0.7 | 423,752 | Closed | 13.5 | 267 |
| 7/17/2025 | 23:00:00 | 7.4 | 2.559 | 0 | 423,776 | Open | 13.5 | 267 |
| 7/17/2025 | 23:15:00 | 7.4 | 0.000 | 0 | 423,805 | Closed | 13.7 | 267 |
| 7/17/2025 | 23:30:00 | 7.4 | 2.540 | 0 | 423,836 | Open | 13.6 | 268 |
| 7/17/2025 | 23:45:00 | 7.4 | 2.547 | 0 | 423,861 | Open | 13.7 | 269 |
| 7/18/2025 | 0:00:00 | 7.4 | 2.532 | 0 | 423,899 | Open | 13.7 | 271 |
| 7/18/2025 | 0:15:00 | 7.4 | 2.525 | 0 | 423,937 | Open | 13.7 | 270 |
| 7/18/2025 | 0:30:00 | 7.4 | 2.547 | 0 | 423,972 | Open | 13.7 | 268 |
| 7/18/2025 | 0:45:00 | 7.4 | 2.555 | 0 | 423,997 | Open | 13.7 | 268 |
| 7/18/2025 | 1:00:00 | 7.4 | 2.532 | 0 | 424,035 | Open | 13.6 | 269 |
| 7/18/2025 | 1:15:00 | 7.4 | 2.551 | 0 | 424,051 | Open | 14.1 | 271 |
| 7/18/2025 | 1:30:00 | 7.4 | 2.532 | 0 | 424,089 | Open | 13.7 | 269 |
| 7/18/2025 | 1:45:00 | 7.4 | 2.513 | 0 | 424,127 | Open | 13.7 | 269 |
| 7/18/2025 | 2:00:00 | 7.4 | 2.555 | 0 | 424,152 | Open | 13.8 | 269 |
| 7/18/2025 | 2:15:00 | 7.3 | 2.528 | 0 | 424,190 | Open | 13.9 | 273 |
| 7/18/2025 | 2:30:00 | 7.3 | 2.506 | 0 | 424,228 | Open | 13.9 | 273 |
| 7/18/2025 | 2:45:00 | 7.4 | 2.528 | 0 | 424,245 | Open | 14 | 274 |
| 7/18/2025 | 3:00:00 | 7.4 | 2.525 | 0 | 424,268 | Open | 14 | 274 |
| 7/18/2025 | 3:15:00 | 7.3 | 0.000 | 0 | 424,299 | Closed | 13.9 | 273 |
| 7/18/2025 | 3:30:00 | 7.3 | 2.562 | 0 | 424,328 | Open | 13.7 | 273 |
| 7/18/2025 | 3:45:00 | 7.3 | 2.551 | 0 | 424,366 | Open | 13.6 | 269 |
| 7/18/2025 | 4:00:00 | 7.3 | 2.521 | 0 | 424,405 | Open | 13.5 | 269 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/18/2025 | 4:15:00 | 7.3 | 2.544 | 0.4 | 424,439 | Open | 13.5 | 269 |
| 7/18/2025 | 4:30:00 | 7.3 | 0.000 | 1.2 | 424,445 | Closed | 13.8 | 114 |
| 7/18/2025 | 4:45:00 | 7.3 | 2.536 | 0.1 | 424,473 | Open | 13.5 | 269 |
| 7/18/2025 | 5:00:00 | 7.3 | 0.197 | 0 | 424,497 | Closed | 13.8 | 114 |
| 7/18/2025 | 5:15:00 | 7.3 | 2.536 | 0.1 | 424,528 | Open | 13.5 | 271 |
| 7/18/2025 | 5:30:00 | 7.3 | 2.532 | 0 | 424,553 | Open | 13.4 | 269 |
| 7/18/2025 | 5:45:00 | 7.3 | 2.581 | 0 | 424,588 | Open | 13.4 | 267 |
| 7/18/2025 | 6:00:00 | 7.3 | 0.174 | 0 | 424,619 | Closed | 13.5 | 267 |
| 7/18/2025 | 6:15:00 | 7.3 | 2.555 | 0.3 | 424,652 | Open | 13.3 | 267 |
| 7/18/2025 | 6:30:00 | 7.3 | 2.559 | 1 | 424,675 | Open | 13.6 | 268 |
| 7/18/2025 | 6:45:00 | 7.3 | 2.578 | 0.2 | 424,714 | Open | 13.2 | 268 |
| 7/18/2025 | 7:00:00 | 7.3 | 2.555 | 1.6 | 424,752 | Open | 13.3 | 268 |
| 7/18/2025 | 7:15:00 | 7.3 | 2.585 | 0.9 | 424,775 | Open | 13.3 | 266 |
| 7/18/2025 | 7:30:00 | 7.3 | 0.140 | 0.9 | 424,803 | Closed | 13.6 | 266 |
| 7/18/2025 | 7:45:00 | 7.3 | 2.562 | 3.6 | 424,835 | Open | 13.3 | 266 |
| 7/18/2025 | 8:00:00 | 7.3 | 2.585 | 1 | 424,858 | Open | 13.5 | 266 |
| 7/18/2025 | 8:15:00 | 7.3 | 2.559 | 1.4 | 424,897 | Open | 13.5 | 266 |
| 7/18/2025 | 8:30:00 | 7.3 | 2.498 | 1.8 | 424,901 | Closed | 13.6 | 266 |
| 7/18/2025 | 8:45:00 | 7.3 | 2.589 | 0.5 | 424,928 | Open | 13.6 | 269 |
| 7/18/2025 | 9:00:00 | 7.3 | 2.570 | 0 | 424,949 | Open | 13.6 | 266 |
| 7/18/2025 | 9:15:00 | 7.3 | 2.585 | 0 | 424,973 | Open | 13.6 | 269 |
| 7/18/2025 | 9:30:00 | 7.3 | 2.581 | 0 | 425,008 | Open | 13.5 | 269 |
| 7/18/2025 | 9:45:00 | 7.3 | 0.182 | 0 | 425,044 | Closed | 13.5 | 269 |
| 7/18/2025 | 10:00:00 | 7.3 | 2.570 | 0 | 425,074 | Open | 13.5 | 269 |
| 7/18/2025 | 10:15:00 | 7.3 | 2.574 | 0 | 425,110 | Open | 13.5 | 269 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/18/2025 | 10:30:00 | 7.3 | 2.460 | 0 | 425,110 | Closed | 13.6 | 269 |
| 7/18/2025 | 10:45:00 | 7.3 | 2.574 | 0.4 | 425,138 | Open | 13.7 | 271 |
| 7/18/2025 | 11:00:00 | 7.3 | 2.385 | 0.4 | 425,159 | Closed | 13.9 | 273 |
| 7/18/2025 | 11:15:00 | 7.3 | 2.487 | 0.2 | 425,191 | Open | 14.1 | 273 |
| 7/18/2025 | 11:30:00 | 7.3 | 2.487 | 0.2 | 425,229 | Open | 14.1 | 273 |
| 7/18/2025 | 11:45:00 | 7.3 | 2.494 | 0.3 | 425,258 | Open | 14.2 | 273 |
| 7/18/2025 | 12:00:00 | 7.3 | 2.737 | 0.2 | 425,277 | Open | 14.4 | 276 |
| 7/18/2025 | 12:15:00 | 7.3 | 2.729 | 0.1 | 425,318 | Open | 14.7 | 276 |
| 7/18/2025 | 12:30:00 | 7.3 | 2.725 | 0 | 425,356 | Open | 14.8 | 279 |
| 7/18/2025 | 12:45:00 | 7.3 | 3.153 | 0 | 425,361 | Closed | 14.7 | 278 |
| 7/18/2025 | 13:00:00 | 7.3 | 2.597 | 0 | 425,387 | Open | 14.6 | 275 |
| 7/18/2025 | 13:15:00 | 7.3 | 2.604 | 0 | 425,422 | Open | 14.6 | 273 |
| 7/18/2025 | 13:30:00 | 7.3 | 2.597 | 0 | 425,461 | Open | 14.6 | 272 |
| 7/18/2025 | 13:45:00 | 7.3 | 1.188 | 0 | 425,500 | Closed | 14.7 | 272 |
| 7/18/2025 | 14:00:00 | 7.3 | 2.570 | 0 | 425,522 | Open | 14.8 | 270 |
| 7/18/2025 | 14:15:00 | 7.3 | 2.521 | 0.1 | 425,546 | Open | 14.9 | 273 |
| 7/18/2025 | 14:30:00 | 7.3 | 2.513 | 0 | 425,584 | Open | 14.8 | 273 |
| 7/18/2025 | 14:45:00 | 7.3 | 2.502 | 0 | 425,608 | Open | 14.8 | 273 |
| 7/18/2025 | 15:00:00 | 7.3 | 2.509 | 0 | 425,646 | Open | 14.7 | 272 |
| 7/18/2025 | 15:15:00 | 7.2 | 2.506 | 0 | 425,683 | Open | 14.7 | 272 |
| 7/18/2025 | 15:30:00 | 7.2 | 2.286 | 0 | 425,716 | Open | 14.7 | 272 |
| 7/18/2025 | 15:45:00 | 7.2 | 2.551 | 0.6 | 425,754 | Open | 14.6 | 272 |
| 7/18/2025 | 16:00:00 | 7.2 | 2.415 | 1.7 | 425,777 | Closed | 14.6 | 270 |
| 7/18/2025 | 16:15:00 | 7.2 | 2.176 | 0 | 425,777 | Closed | 14.5 | 270 |
| 7/18/2025 | 16:30:00 | 7.3 | 2.612 | 0 | 425,777 | Closed | 14.5 | 267 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/18/2025 | 16:45:00 | 7.3 | 2.581 | 0 | 425,784 | Open | 14.5 | 267 |
| 7/18/2025 | 17:00:00 | 7.3 | 2.578 | 0 | 425,820 | Open | 14.4 | 265 |
| 7/18/2025 | 17:15:00 | 7.3 | 0.318 | 0 | 425,837 | Closed | 14.2 | 263 |
| 7/18/2025 | 17:30:00 | 7.3 | 0.299 | 0 | 425,863 | Closed | 14.1 | 263 |
| 7/18/2025 | 17:45:00 | 7.3 | 2.578 | 0 | 425,885 | Open | 14.1 | 262 |
| 7/18/2025 | 18:00:00 | 7.4 | 2.562 | 0 | 425,924 | Open | 14 | 262 |
| 7/18/2025 | 18:15:00 | 7.4 | 2.562 | 0 | 425,951 | Open | 14.1 | 262 |
| 7/18/2025 | 18:30:00 | 7.3 | 2.642 | 0 | 425,980 | Open | 13.8 | 263 |
| 7/18/2025 | 18:45:00 | 7.3 | 2.540 | 0 | 426,020 | Open | 13.8 | 263 |
| 7/18/2025 | 19:00:00 | 7.3 | 2.517 | 0 | 426,058 | Open | 13.7 | 263 |
| 7/18/2025 | 19:15:00 | 7.4 | 2.536 | 0.3 | 426,083 | Open | 13.8 | 265 |
| 7/18/2025 | 19:30:00 | 7.4 | 2.528 | 0.3 | 426,121 | Open | 13.5 | 263 |
| 7/18/2025 | 19:45:00 | 7.4 | 0.000 | 0 | 426,149 | Closed | 13.6 | 263 |
| 7/18/2025 | 20:00:00 | 7.4 | 2.544 | 0 | 426,182 | Open | 13.4 | 263 |
| 7/18/2025 | 20:15:00 | 7.4 | 2.532 | 0 | 426,220 | Open | 13.4 | 263 |
| 7/18/2025 | 20:30:00 | 7.4 | 0.000 | 0 | 426,252 | Closed | 13.5 | 263 |
| 7/18/2025 | 20:45:00 | 7.4 | 2.540 | 0 | 426,279 | Open | 13.5 | 263 |
| 7/18/2025 | 21:00:00 | 7.4 | 2.555 | 0 | 426,306 | Open | 13.5 | 264 |
| 7/18/2025 | 21:15:00 | 7.4 | 2.547 | 0 | 426,344 | Open | 13.5 | 266 |
| 7/18/2025 | 21:30:00 | 7.4 | 2.559 | 0 | 426,379 | Open | 13.5 | 266 |
| 7/18/2025 | 21:45:00 | 7.3 | 2.532 | 0 | 426,417 | Open | 13.4 | 264 |
| 7/18/2025 | 22:00:00 | 7.3 | 2.517 | 0 | 426,455 | Open | 13.4 | 264 |
| 7/18/2025 | 22:15:00 | 7.3 | 2.544 | 0 | 426,489 | Open | 13.4 | 264 |
| 7/18/2025 | 22:30:00 | 7.3 | 2.525 | 0 | 426,528 | Open | 13.4 | 264 |
| 7/18/2025 | 22:45:00 | 7.3 | 2.491 | 0.1 | 426,565 | Open | 13.4 | 264 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/18/2025 | 23:00:00 | 7.4 | 2.513 | 0 | 426,587 | Open | 13.5 | 266 |
| 7/18/2025 | 23:15:00 | 7.4 | 2.498 | 0.1 | 426,624 | Open | 13.4 | 264 |
| 7/18/2025 | 23:30:00 | 7.4 | 2.407 | 0.3 | 426,643 | Closed | 13.3 | 264 |
| 7/18/2025 | 23:45:00 | 7.4 | 2.532 | 0 | 426,663 | Open | 13.3 | 263 |
| 7/19/2025 | 0:00:00 | 7.4 | 2.509 | 0 | 426,701 | Open | 13.3 | 263 |
| 7/19/2025 | 0:15:00 | 7.3 | 2.498 | 0.4 | 426,738 | Open | 13.3 | 263 |
| 7/19/2025 | 0:30:00 | 7.4 | 2.536 | 0 | 426,773 | Open | 13.4 | 263 |
| 7/19/2025 | 0:45:00 | 7.4 | 2.509 | 0 | 426,811 | Open | 13.5 | 260 |
| 7/19/2025 | 1:00:00 | 7.4 | 2.494 | 0 | 426,848 | Open | 13.7 | 259 |
| 7/19/2025 | 1:15:00 | 7.4 | 2.521 | 0.1 | 426,870 | Open | 13.9 | 258 |
| 7/19/2025 | 1:30:00 | 7.4 | 2.525 | 0.2 | 426,896 | Open | 14.2 | 261 |
| 7/19/2025 | 1:45:00 | 7.4 | 2.434 | 0 | 426,912 | Closed | 13.9 | 261 |
| 7/19/2025 | 2:00:00 | 7.4 | 2.544 | 0 | 426,932 | Open | 14 | 260 |
| 7/19/2025 | 2:15:00 | 7.4 | 2.540 | 0 | 426,970 | Open | 14 | 259 |
| 7/19/2025 | 2:30:00 | 7.4 | 2.536 | 0 | 427,008 | Open | 14 | 260 |
| 7/19/2025 | 2:45:00 | 7.4 | 2.547 | 0 | 427,042 | Open | 14.1 | 260 |
| 7/19/2025 | 3:00:00 | 7.4 | 2.551 | 0 | 427,081 | Open | 14.1 | 260 |
| 7/19/2025 | 3:15:00 | 7.4 | 2.544 | 1.1 | 427,119 | Open | 14 | 259 |
| 7/19/2025 | 3:30:00 | 7.4 | 2.555 | 0 | 427,153 | Open | 14 | 260 |
| 7/19/2025 | 3:45:00 | 7.4 | 2.521 | 0.6 | 427,191 | Open | 14 | 260 |
| 7/19/2025 | 4:00:00 | 7.4 | 2.396 | 1.4 | 427,212 | Closed | 13.9 | 260 |
| 7/19/2025 | 4:15:00 | 7.4 | 2.551 | 0 | 427,229 | Open | 14 | 258 |
| 7/19/2025 | 4:30:00 | 7.4 | 2.513 | 0.3 | 427,267 | Open | 14 | 258 |
| 7/19/2025 | 4:45:00 | 7.4 | 2.509 | 2.2 | 427,305 | Open | 14 | 258 |
| 7/19/2025 | 5:00:00 | 7.4 | 2.653 | 0.5 | 427,336 | Open | 13.9 | 258 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/19/2025 | 5:15:00 | 7.4 | 2.661 | 1 | 427,363 | Open | 13.7 | 257 |
| 7/19/2025 | 5:30:00 | 7.4 | 0.204 | 1.5 | 427,392 | Closed | 13.9 | 116 |
| 7/19/2025 | 5:45:00 | 7.3 | 2.593 | 2.6 | 427,421 | Open | 13.3 | 258 |
| 7/19/2025 | 6:00:00 | 7.3 | 2.494 | 2.2 | 427,460 | Open | 13.2 | 261 |
| 7/19/2025 | 6:15:00 | 7.4 | 2.578 | 3.4 | 427,485 | Open | 13.2 | 259 |
| 7/19/2025 | 6:30:00 | 7.3 | 2.403 | 1.1 | 427,515 | Open | 13 | 259 |
| 7/19/2025 | 6:45:00 | 7.3 | 2.411 | 2.3 | 427,551 | Open | 13 | 259 |
| 7/19/2025 | 7:00:00 | 7.3 | 2.479 | 3.2 | 427,588 | Open | 13 | 259 |
| 7/19/2025 | 7:15:00 | 7.3 | 2.487 | 3.4 | 427,618 | Open | 13 | 259 |
| 7/19/2025 | 7:30:00 | 7.3 | 2.441 | 3.6 | 427,655 | Open | 13 | 259 |
| 7/19/2025 | 7:45:00 | 7.3 | 2.438 | 5.4 | 427,692 | Open | 12.9 | 259 |
| 7/19/2025 | 8:00:00 | 7.3 | 2.445 | 3.4 | 427,722 | Open | 13 | 260 |
| 7/19/2025 | 8:15:00 | 7.4 | 2.343 | 2.7 | 427,750 | Closed | 13 | 260 |
| 7/19/2025 | 8:30:00 | 7.4 | 2.434 | 1.3 | 427,772 | Open | 13 | 258 |
| 7/19/2025 | 8:45:00 | 7.4 | 2.426 | 0.3 | 427,809 | Open | 13 | 258 |
| 7/19/2025 | 9:00:00 | 7.4 | 2.638 | 0 | 427,846 | Open | 13 | 258 |
| 7/19/2025 | 9:15:00 | 7.4 | 2.619 | 0.2 | 427,882 | Open | 13.1 | 262 |
| 7/19/2025 | 9:30:00 | 7.4 | 0.250 | 0.2 | 427,913 | Closed | 13.3 | 114 |
| 7/19/2025 | 9:45:00 | 7.4 | 2.615 | 0.4 | 427,947 | Open | 13.1 | 262 |
| 7/19/2025 | 10:00:00 | 7.4 | 0.185 | 0 | 427,965 | Closed | 13 | 261 |
| 7/19/2025 | 10:15:00 | 7.4 | 2.407 | 0 | 427,992 | Open | 12.9 | 262 |
| 7/19/2025 | 10:30:00 | 7.4 | 2.388 | 0 | 428,028 | Open | 12.9 | 261 |
| 7/19/2025 | 10:45:00 | 7.4 | 2.422 | 0 | 428,048 | Open | 13.1 | 259 |
| 7/19/2025 | 11:00:00 | 7.4 | 2.263 | 0 | 428,080 | Closed | 13.1 | 260 |
| 7/19/2025 | 11:15:00 | 7.6 | 0.360 | 383.9 | 428,080 | Closed | 14.2 | 114 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/19/2025 | 11:30:00 | 7.4 | 2.449 | 0 | 428,098 | Open | 13.1 | 259 |
| 7/19/2025 | 11:45:00 | 7.4 | 2.438 | 0 | 428,135 | Open | 13.3 | 264 |
| 7/19/2025 | 12:00:00 | 7.4 | 2.449 | 0 | 428,157 | Open | 13.7 | 264 |
| 7/19/2025 | 12:15:00 | 7.4 | 2.347 | 0 | 428,190 | Open | 13.6 | 265 |
| 7/19/2025 | 12:30:00 | 7.4 | 2.339 | 0 | 428,225 | Open | 13.6 | 265 |
| 7/19/2025 | 12:45:00 | 7.4 | 2.347 | 0 | 428,226 | Closed | 13.6 | 268 |
| 7/19/2025 | 13:00:00 | 7.4 | 2.377 | 0 | 428,226 | Closed | 13.7 | 268 |
| 7/19/2025 | 13:15:00 | 7.4 | 2.400 | 0 | 428,226 | Closed | 13.7 | 268 |
| 7/19/2025 | 13:30:00 | 7.4 | 2.343 | 0.1 | 428,254 | Open | 13.8 | 268 |
| 7/19/2025 | 13:45:00 | 7.4 | 2.335 | 0.6 | 428,286 | Open | 13.9 | 268 |
| 7/19/2025 | 14:00:00 | 7.3 | 2.362 | 0.8 | 428,321 | Open | 13.9 | 268 |
| 7/19/2025 | 14:15:00 | 7.3 | 2.509 | 1.6 | 428,356 | Open | 13.9 | 268 |
| 7/19/2025 | 14:30:00 | 7.3 | 2.566 | 0.7 | 428,390 | Open | 13.9 | 265 |
| 7/19/2025 | 14:45:00 | 7.3 | 0.132 | 1.4 | 428,428 | Closed | 13.8 | 265 |
| 7/19/2025 | 15:00:00 | 7.3 | 2.600 | 2 | 428,441 | Open | 13.9 | 265 |
| 7/19/2025 | 15:15:00 | 7.3 | 2.600 | 0.3 | 428,477 | Open | 13.9 | 265 |
| 7/19/2025 | 15:30:00 | 7.3 | 2.581 | 1.7 | 428,515 | Open | 13.9 | 265 |
| 7/19/2025 | 15:45:00 | 7.3 | 2.653 | 1.7 | 428,542 | Open | 13.8 | 265 |
| 7/19/2025 | 16:00:00 | 7.3 | 2.650 | 3.3 | 428,566 | Open | 14 | 265 |
| 7/19/2025 | 16:15:00 | 7.3 | 2.634 | 1.9 | 428,605 | Open | 13.7 | 263 |
| 7/19/2025 | 16:30:00 | 7.3 | 2.619 | 4.3 | 428,645 | Open | 13.7 | 263 |
| 7/19/2025 | 16:45:00 | 7.3 | 2.578 | 1.8 | 428,674 | Open | 13.7 | 265 |
| 7/19/2025 | 17:00:00 | 7.3 | 2.627 | 7.2 | 428,697 | Open | 14.1 | 267 |
| 7/19/2025 | 17:15:00 | 7.3 | 2.581 | 8.3 | 428,723 | Open | 13.8 | 265 |
| 7/19/2025 | 17:30:00 | 7.3 | 2.566 | 5.7 | 428,753 | Open | 13.6 | 265 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/19/2025 | 17:45:00 | 7.4 | 1.249 | 5.8 | 428,782 | Closed | 13.8 | 267 |
| 7/19/2025 | 18:00:00 | 7.3 | 2.551 | 5.5 | 428,819 | Open | 13.5 | 267 |
| 7/19/2025 | 18:15:00 | 7.3 | 2.464 | 2.9 | 428,847 | Open | 13.4 | 265 |
| 7/19/2025 | 18:30:00 | 7.3 | 2.570 | 4.3 | 428,885 | Open | 13.4 | 265 |
| 7/19/2025 | 18:45:00 | 7.3 | 2.555 | 5.6 | 428,924 | Open | 13.3 | 263 |
| 7/19/2025 | 19:00:00 | 7.3 | 2.562 | 4.8 | 428,952 | Open | 13.3 | 263 |
| 7/19/2025 | 19:15:00 | 7.3 | 2.544 | 7.6 | 428,991 | Open | 13.2 | 263 |
| 7/19/2025 | 19:30:00 | 7.3 | 2.544 | 9.4 | 429,028 | Open | 13.2 | 263 |
| 7/19/2025 | 19:45:00 | 7.3 | 2.392 | 7.9 | 429,056 | Open | 13.1 | 261 |
| 7/19/2025 | 20:00:00 | 7.3 | 2.248 | 6.2 | 429,092 | Open | 13 | 261 |
| 7/19/2025 | 20:15:00 | 7.3 | 2.252 | 7.5 | 429,125 | Open | 13 | 261 |
| 7/19/2025 | 20:30:00 | 7.3 | 2.248 | 3.9 | 429,152 | Open | 13 | 261 |
| 7/19/2025 | 20:45:00 | 7.3 | 2.237 | 4.6 | 429,186 | Open | 12.9 | 261 |
| 7/19/2025 | 21:00:00 | 7.3 | 2.237 | 7.8 | 429,219 | Open | 12.9 | 261 |
| 7/19/2025 | 21:15:00 | 7.3 | 2.324 | 2.4 | 429,242 | Open | 12.9 | 262 |
| 7/19/2025 | 21:30:00 | 7.3 | 2.790 | 7.6 | 429,279 | Open | 13 | 264 |
| 7/19/2025 | 21:45:00 | 7.3 | 2.684 | 8 | 429,320 | Open | 13 | 264 |
| 7/19/2025 | 22:00:00 | 7.4 | 0.000 | 7.3 | 429,336 | Closed | 13.3 | 266 |
| 7/19/2025 | 22:15:00 | 7.4 | 2.657 | 4.3 | 429,373 | Open | 13 | 266 |
| 7/19/2025 | 22:30:00 | 7.4 | 2.642 | 6.7 | 429,412 | Open | 13 | 264 |
| 7/19/2025 | 22:45:00 | 7.4 | 2.646 | 1.8 | 429,440 | Open | 12.9 | 264 |
| 7/19/2025 | 23:00:00 | 7.4 | 2.638 | 3.9 | 429,480 | Open | 12.9 | 264 |
| 7/19/2025 | 23:15:00 | 7.4 | 2.653 | 4.8 | 429,506 | Open | 12.9 | 264 |
| 7/19/2025 | 23:30:00 | 7.4 | 2.589 | 1.6 | 429,536 | Open | 12.9 | 266 |
| 7/19/2025 | 23:45:00 | 7.4 | 0.307 | 5.2 | 429,573 | Closed | 12.9 | 266 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/20/2025 | 0:00:00 | 7.4 | 0.397 | 2.9 | 429,594 | Closed | 12.9 | 264 |
| 7/20/2025 | 0:15:00 | 7.4 | 2.615 | 0.1 | 429,613 | Open | 12.9 | 264 |
| 7/20/2025 | 0:30:00 | 7.4 | 2.593 | 0.1 | 429,652 | Open | 12.9 | 266 |
| 7/20/2025 | 0:45:00 | 7.4 | 2.578 | 0.9 | 429,691 | Open | 12.9 | 266 |
| 7/20/2025 | 1:00:00 | 7.4 | 2.411 | 0.2 | 429,715 | Closed | 12.8 | 267 |
| 7/20/2025 | 1:15:00 | 7.4 | 2.581 | 2.5 | 429,720 | Open | 12.8 | 266 |
| 7/20/2025 | 1:30:00 | 7.3 | 0.265 | 0.8 | 429,756 | Closed | 12.6 | 111 |
| 7/20/2025 | 1:45:00 | 7.3 | 0.000 | 0.3 | 429,768 | Closed | 12.6 | 262 |
| 7/20/2025 | 2:00:00 | 7.3 | 2.706 | 0.4 | 429,791 | Open | 12.5 | 264 |
| 7/20/2025 | 2:15:00 | 7.3 | 2.691 | 0.7 | 429,831 | Open | 12.6 | 266 |
| 7/20/2025 | 2:30:00 | 7.3 | 2.627 | 0.6 | 429,866 | Open | 12.6 | 266 |
| 7/20/2025 | 2:45:00 | 7.3 | 2.615 | 0.7 | 429,905 | Open | 12.7 | 269 |
| 7/20/2025 | 3:00:00 | 7.3 | 0.000 | 0.1 | 429,937 | Closed | 12.8 | 269 |
| 7/20/2025 | 3:15:00 | 7.3 | 2.725 | 0.4 | 429,968 | Open | 12.7 | 267 |
| 7/20/2025 | 3:30:00 | 7.3 | 2.600 | 1.2 | 430,009 | Open | 12.6 | 267 |
| 7/20/2025 | 3:45:00 | 7.3 | 2.612 | 3.1 | 430,035 | Open | 12.7 | 267 |
| 7/20/2025 | 4:00:00 | 7.3 | 2.672 | 1 | 430,068 | Open | 12.6 | 267 |
| 7/20/2025 | 4:15:00 | 7.3 | 2.668 | 1.4 | 430,108 | Open | 12.6 | 267 |
| 7/20/2025 | 4:30:00 | 7.3 | 2.653 | 4.1 | 430,148 | Open | 12.6 | 267 |
| 7/20/2025 | 4:45:00 | 7.3 | 2.540 | 3.3 | 430,178 | Open | 12.6 | 269 |
| 7/20/2025 | 5:00:00 | 7.3 | 2.585 | 4.7 | 430,202 | Open | 12.6 | 267 |
| 7/20/2025 | 5:15:00 | 7.3 | 2.358 | 10.7 | 430,226 | Open | 12.6 | 267 |
| 7/20/2025 | 5:30:00 | 7.3 | 2.411 | 3.4 | 430,254 | Open | 12.6 | 267 |
| 7/20/2025 | 5:45:00 | 7.3 | 2.411 | 4.6 | 430,290 | Open | 12.6 | 267 |
| 7/20/2025 | 6:00:00 | 7.3 | 2.706 | 5.6 | 430,328 | Open | 12.6 | 266 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/20/2025 | 6:15:00 | 7.3 | 2.748 | 0.9 | 430,358 | Open | 12.6 | 267 |
| 7/20/2025 | 6:30:00 | 7.3 | 2.729 | 2.2 | 430,399 | Open | 12.5 | 267 |
| 7/20/2025 | 6:45:00 | 7.3 | 2.729 | 4.3 | 430,423 | Open | 12.5 | 266 |
| 7/20/2025 | 7:00:00 | 7.3 | 2.831 | 2.9 | 430,446 | Open | 12.5 | 264 |
| 7/20/2025 | 7:15:00 | 7.3 | 0.000 | 4.9 | 430,480 | Closed | 12.6 | 264 |
| 7/20/2025 | 7:30:00 | 7.3 | 2.782 | 4.8 | 430,516 | Open | 12.5 | 262 |
| 7/20/2025 | 7:45:00 | 7.4 | 2.392 | 3.6 | 430,546 | Open | 12.4 | 114 |
| 7/20/2025 | 8:00:00 | 7.4 | 2.623 | 3.9 | 430,572 | Open | 12.5 | 113 |
| 7/20/2025 | 8:15:00 | 7.4 | 2.479 | 5.9 | 430,596 | Closed | 12.7 | 261 |
| 7/20/2025 | 8:30:00 | 7.4 | 3.043 | 1.5 | 430,596 | Closed | 12.5 | 114 |
| 7/20/2025 | 8:45:00 | 7.4 | 3.028 | 3.2 | 430,637 | Open | 12.5 | 261 |
| 7/20/2025 | 9:00:00 | 7.4 | 0.000 | 3 | 430,668 | Closed | 12.9 | 114 |
| 7/20/2025 | 9:15:00 | 7.4 | 2.623 | 2.5 | 430,686 | Open | 12.9 | 263 |
| 7/20/2025 | 9:30:00 | 7.5 | 2.593 | 0.9 | 430,725 | Open | 12.6 | 263 |
| 7/20/2025 | 9:45:00 | 7.5 | 2.585 | 0.8 | 430,752 | Open | 12.7 | 261 |
| 7/20/2025 | 10:00:00 | 7.4 | 2.615 | 1.3 | 430,788 | Open | 12.7 | 261 |
| 7/20/2025 | 10:15:00 | 7.4 | 2.612 | 2.1 | 430,827 | Open | 12.6 | 259 |
| 7/20/2025 | 10:30:00 | 7.4 | 2.612 | 2.5 | 430,854 | Open | 12.7 | 259 |
| 7/20/2025 | 10:45:00 | 7.4 | 0.000 | 2.9 | 430,883 | Closed | 12.8 | 259 |
| 7/20/2025 | 11:00:00 | 7.4 | 2.608 | 0.4 | 430,917 | Open | 12.7 | 114 |
| 7/20/2025 | 11:15:00 | 7.4 | 2.600 | 0 | 430,943 | Open | 12.8 | 258 |
| 7/20/2025 | 11:30:00 | 7.4 | 2.600 | 0 | 430,979 | Open | 12.7 | 259 |
| 7/20/2025 | 11:45:00 | 7.4 | 2.581 | 0.4 | 431,018 | Open | 12.7 | 258 |
| 7/20/2025 | 12:00:00 | 7.4 | 2.574 | 0.9 | 431,042 | Open | 12.8 | 259 |
| 7/20/2025 | 12:15:00 | 7.4 | 0.000 | 0 | 431,075 | Closed | 12.9 | 259 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/20/2025 | 12:30:00 | 7.4 | 2.585 | 0 | 431,104 | Open | 12.8 | 114 |
| 7/20/2025 | 12:45:00 | 7.4 | 2.578 | 0.6 | 431,130 | Open | 13 | 258 |
| 7/20/2025 | 13:00:00 | 7.4 | 2.581 | 0 | 431,166 | Open | 13 | 114 |
| 7/20/2025 | 13:15:00 | 7.4 | 2.581 | 0 | 431,193 | Open | 13 | 114 |
| 7/20/2025 | 13:30:00 | 7.4 | 2.562 | 0 | 431,231 | Open | 13.1 | 114 |
| 7/20/2025 | 13:45:00 | 7.4 | 2.581 | 0.1 | 431,267 | Open | 13.1 | 114 |
| 7/20/2025 | 14:00:00 | 7.4 | 2.562 | 0.5 | 431,305 | Open | 13.1 | 114 |
| 7/20/2025 | 14:15:00 | 7.4 | 2.585 | 2.6 | 431,331 | Open | 13.4 | 114 |
| 7/20/2025 | 14:30:00 | 7.4 | 2.589 | 0 | 431,367 | Open | 13.2 | 257 |
| 7/20/2025 | 14:45:00 | 7.4 | 2.547 | 0 | 431,405 | Open | 13.2 | 258 |
| 7/20/2025 | 15:00:00 | 7.4 | 2.562 | 1.3 | 431,431 | Open | 13.3 | 258 |
| 7/20/2025 | 15:15:00 | 7.4 | 0.356 | 0 | 431,464 | Closed | 13.4 | 258 |
| 7/20/2025 | 15:30:00 | 7.4 | 2.559 | 0 | 431,493 | Open | 13.4 | 258 |
| 7/20/2025 | 15:45:00 | 7.4 | 0.000 | 1.2 | 431,517 | Closed | 13.6 | 258 |
| 7/20/2025 | 16:00:00 | 7.4 | 2.430 | 0.1 | 431,538 | Open | 13.7 | 257 |
| 7/20/2025 | 16:15:00 | 7.4 | 2.566 | 0.4 | 431,576 | Open | 13.3 | 258 |
| 7/20/2025 | 16:30:00 | 7.4 | 2.525 | 0.1 | 431,614 | Open | 13.3 | 258 |
| 7/20/2025 | 16:45:00 | 7.4 | 2.574 | 0 | 431,629 | Open | 13.2 | 258 |
| 7/20/2025 | 17:00:00 | 7.4 | 2.555 | 0.6 | 431,668 | Open | 13.3 | 117 |
| 7/20/2025 | 17:15:00 | 7.4 | 2.551 | 2.2 | 431,695 | Open | 13.3 | 117 |
| 7/20/2025 | 17:30:00 | 7.4 | 2.506 | 0.9 | 431,716 | Open | 13.5 | 116 |
| 7/20/2025 | 17:45:00 | 7.4 | 2.472 | 1.2 | 431,754 | Open | 13.1 | 117 |
| 7/20/2025 | 18:00:00 | 7.4 | 0.000 | 1.1 | 431,779 | Closed | 13.3 | 117 |
| 7/20/2025 | 18:15:00 | 7.4 | 2.460 | 0.3 | 431,811 | Open | 13.1 | 115 |
| 7/20/2025 | 18:30:00 | 7.4 | 0.000 | 0 | 431,838 | Closed | 13.2 | 115 |

| FRONTIER-KEMPER MICHELS® joint venture | | Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope | |
|---|---|---|---|
| **Title** | **WoodFibre Weekly Water Discharge Report** | **Revision:** | **0** |
| **Data Date Range** | **July 14, 2025 to July 20, 2025** | **Prepared by:**<br>**Approved by:**<br>**Date:** | **SD**<br>**BC2**<br>**July 25, 2025** |

| Date | Time | Discharge pH | Flow Rate (m3) | Discharge NTU | Flow Total (m3) | Discharge Valve Status | Discharge Temperature (°C) | Discharge Conductivity (uS/cm) |
|---|---|---|---|---|---|---|---|---|
| 7/20/2025 | 18:45:00 | 7.4 | 2.434 | 0 | 431,872 | Open | 13 | 116 |
| 7/20/2025 | 19:00:00 | 7.4 | 2.464 | 0.3 | 431,906 | Open | 13 | 115 |
| 7/20/2025 | 19:15:00 | 7.4 | 0.000 | 1 | 431,932 | Closed | 13.2 | 258 |
| 7/20/2025 | 19:30:00 | 7.4 | 2.441 | 0.2 | 431,966 | Open | 12.9 | 114 |
| 7/20/2025 | 19:45:00 | 7.4 | 0.000 | 0 | 431,985 | Closed | 13 | 114 |
| 7/20/2025 | 20:00:00 | 7.4 | 2.532 | 0.1 | 431,989 | Open | 12.9 | 114 |
| 7/20/2025 | 20:15:00 | 7.4 | 2.517 | 0 | 432,027 | Open | 12.9 | 258 |
| 7/20/2025 | 20:30:00 | 7.4 | 2.434 | 0 | 432,056 | Open | 13 | 259 |
| 7/20/2025 | 20:45:00 | 7.4 | 2.419 | 0 | 432,093 | Open | 13 | 259 |
| 7/20/2025 | 21:00:00 | 7.4 | 2.403 | 0 | 432,129 | Open | 13 | 261 |
| 7/20/2025 | 21:15:00 | 7.4 | 2.472 | 0.2 | 432,159 | Open | 13 | 263 |
| 7/20/2025 | 21:30:00 | 7.4 | 0.000 | 0.2 | 432,183 | Closed | 13.4 | 114 |
| 7/20/2025 | 21:45:00 | 7.4 | 2.445 | 0.7 | 432,202 | Open | 13.5 | 266 |
| 7/20/2025 | 22:00:00 | 7.4 | 2.479 | 0.1 | 432,230 | Open | 13 | 264 |
| 7/20/2025 | 22:15:00 | 7.4 | 2.468 | 0 | 432,267 | Open | 13 | 264 |
| 7/20/2025 | 22:30:00 | 7.4 | 2.460 | 0.1 | 432,304 | Open | 13.1 | 264 |
| 7/20/2025 | 22:45:00 | 7.4 | 2.460 | 0 | 432,332 | Open | 13.1 | 264 |
| 7/20/2025 | 23:00:00 | 7.4 | 2.547 | 0 | 432,354 | Closed | 13.5 | 266 |
| 7/20/2025 | 23:15:00 | 7.4 | 2.657 | 0 | 432,359 | Open | 14.3 | 266 |
| 7/20/2025 | 23:30:00 | 7.4 | 2.661 | 0 | 432,389 | Open | 14.9 | 266 |
| 7/20/2025 | 23:45:00 | 7.4 | 2.642 | 0.1 | 432,429 | Open | 15.4 | 266 |

## Appendix B: Photos

**Photo 1: No visible sheen observed in the WTP water, June 15**

**Photo 2: No visible sheen observed in the WTP water, July 18**

**Photo 3: No visible sheen observed in the WTP water, July 19**

| **Photo 4: No visible sheen observed in the WTP water, July 20** |
|---|
|  |

# Water Quality Field Data Sheet

**Project: FORTIS11234**

## Location Information

| | | | | | |
|---|---|---|---|---|---|
| **Site ID:** | | WLNG EOP | | **Date:** | July 15, 2025 |
| **Site Name:** | | East Creek | | **Time:** | 9:50 |
| **Site UTM:** | Zone: | E: | | **Crew:** | HM |
| (NAD83) | | N: | | **Weather:** | Clear |

## *In Situ* Parameters

| | | | | | |
|---|---|---|---|---|---|
| pH: | 6.7 | | DO: | 3.02 | (mg/L) |
| Temp.: | 13.6 | (°C) | Cond: | 137.3 | (us) |
| Turbidity: | 4.49 | NTU | ORP: | 23.0 MV | |

**Visible Sheen:** NA

**Water Surface Condition:** Clear

## Photo Record

Photo


## Observations

# Water Quality Field Data Sheet

**Project: FORTIS11234**

## Location Information

| | | | | | |
|---|---|---|---|---|---|
| **Site ID:** | DUP - WLNG EOP | | **Date:** | July 15, 2025 | |
| **Site Name:** | East Creek | | **Time:** | 10:20 | |
| **Site UTM:** | Zone: | E: | **Crew:** | HM | |
| (NAD83) | | N: | **Weather:** | Clear | |

## *In Situ* Parameters

| | | | | | |
|---|---|---|---|---|---|
| pH: | 6.6 | | DO: | 2.52 | (mg/L) |
| Temp.: | 11.5 | (°C) | Cond: | 169.6 | (us) |
| Turbidity: | 0 | NTU | | | |

**Visible Sheen:** N

**Water Surface Condition:** Clear Turbid Foaming Ice

## Photo Record

## Observations

# Appendix D: Woodfibre Site Receiving Environment Documentation

# Woodfibre Site Receiving Environment Sample Analysis

| *Analyte* | *Unit* | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1,2] | BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1,2] | BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2] | **WLNG US 2025-07-15 08:42:00 [3]** | **WLNG DS 2025-07-15 10:30:00 [3]** |
|---|---|---|---|---|---|---|---|---|---|
| **In situ Parameters** | | | | | | | | | |
| **Field pH** | **pH Units** | 6.5 - 9 | | | 7 - 8.7 | | | 7.6 | 7.36 |
| **Field Temperature** | **°C** | 18 | 19 | | | | | 17.5 | 14.2 |
| **General Parameters** | | | | | | | | | |
| **pH** | **pH Units** | | | | | | | 6.39 | 7.65 |
| **Alkalinity (Total as $CaCO_3$)** | **mg/L** | | | | | | | 7.9 | 47 |
| **Alkalinity (PP as $CaCO_3$)** | **mg/L** | | | | | | | <1 | <1 |
| **Hardness ($CaCO_3$)-Total** | **mg/L** | | | | | | | 8.19 | 49.1 |
| **Hardness ($CaCO_3$)-Dissolved** | **mg/L** | | | | | | | 8.43 | 50.1 |
| **Sulphide-Total** | **mg/L** | | | | | | | <0.0018 | <0.0018 |
| **Sulphide (as $H_2S$)** | **mg/L** | | | 0.002 | | | | <0.002 | <0.002 |
| **Un-ionized Hydrogen Sulfide as $H_2S$-Total** | **mg/L** | | | | | | | <0.0019 | <0.0019 |
| **Un-ionized Hydrogen Sulfide as S-Total** | **mg/L** | | | | | | | <0.0018 | <0.0018 |
| **Anions and Nutrients** | | | | | | | | | |
| **Ammonia (N)-Total** | **mg/L** | 1.43 | 10.6 | | 12 | 23 | | <0.015 | <0.015 |
| **Bicarbonate ($HCO_3$)** | **mg/L** | | | | | | | 9.6 | 57 |
| **Carbonate ($CO_3$)** | **mg/L** | | | | | | | <1 | <1 |
| **Hydroxide (OH)** | **mg/L** | | | | | | | <1 | <1 |
| **Nitrate (N)** | **mg/L** | 3 | 32.8 | | 3.7 | | | 0.03 | <0.02 |
| **Nitrite (N)** | **mg/L** | 0.02 | 0.06 | | | | | <0.005 | <0.005 |
| **Nitrate plus Nitrite (N)** | **mg/L** | | | | | | | 0.03 | <0.02 |
| **Nitrogen (N)-Total** | **mg/L** | | | | | | | 0.076 | 0.194 |
| **Phosphorus (P)-Total (4500-P)** | **mg/L** | | | | | | | 0.0078 | 0.0066 |
| **Bromide (Br)** | **mg/L** | | | | | | | <0.01 | <0.01 |
| **Chloride (Cl)** | **mg/L** | 150 | 600 | | | | | <1 | 12 |
| **Fluoride (F)** | **mg/L** | | 0.4 | | | 1.5 | | <0.05 | 0.16 |
| **Sulphate ($SO_4$)-Dissolved** | **mg/L** | 128 | | | | | | 2.7 | 8 |

| *Analyte* | *Unit* | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1,2] | BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1,2] | BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1,2] | **WLNG US 2025-07-15 08:42:00 [3]** | **WLNG DS 2025-07-15 10:30:00 [3]** |
|---|---|---|---|---|---|---|---|---|---|
| **Total Metals** | | | | | | | | | |
| **Aluminum (Al)-Total** | **mg/L** | 0.080609 | | | | | | 0.0476 | **0.253** |
| **Antimony (Sb)-Total** | **mg/L** | 0.074 | 0.25 | | | | | 0.00003 | 0.00102 |
| **Arsenic (As)-Total** | **mg/L** | 0.005 | | | 0.0125 | | | 0.000101 | 0.00138 |
| **Barium (Ba)-Total** | **mg/L** | | | 1 | | | | 0.00529 | 0.0114 |
| **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 | 0.017 |
| **Cadmium (Cd)-Total** | **mg/L** | | | | | | 0.00012 | 0.0000059 | 0.0000412 |
| **Calcium (Ca)-Total** | **mg/L** | | | | | | | 2.78 | 18.2 |
| **Cesium (Cs)-Total** | **mg/L** | | | | | | | <0.00005 | <0.00005 |
| **Chromium (Cr)-Total** | **mg/L** | | | | | | | <0.0001 | 0.00018 |
| **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** | 0.000389 | 0.11 | | | | | 0.000018 | 0.000085 |
| **Copper (Cu)-Total** | **mg/L** | | | | 0.002 | 0.003 | | 0.0006 | 0.00033 |
| **Iron (Fe)-Total** | **mg/L** | | 1 | | | | | 0.046 | 0.134 |
| **Lead (Pb)-Total** | **mg/L** | | | | 0.002 | 0.14 | | 0.000024 | 0.00005 |
| **Lithium (Li)-Total** | **mg/L** | | | | | | | <0.0005 | 0.00645 |
| **Magnesium (Mg)-Total** | **mg/L** | | | | | | | 0.31 | 0.9 |
| **Manganese (Mn)-Total** | **mg/L** | 0.641 | 0.63 | | | | 0.1 | 0.00142 | 0.0585 |
| **Mercury (Hg)-Total** | **mg/L** | 0.00002 | | | 0.00002 | | | <0.0000019 | <0.0000019 |
| **Molybdenum (Mo)-Total** | **mg/L** | 7.6 | 46 | | | | | 0.000451 | 0.0222 |
| **Nickel (Ni)-Total** | **mg/L** | | | | | | 0.0083 | 0.00027 | 0.00037 |
| **Phosphorus (P)-Total (ICPMS)** | **mg/L** | | | | | | | 0.0101 | 0.0094 |
| **Potassium (K)-Total** | **mg/L** | | | | | | | <0.25 | 2.76 |
| **Rubidium (Rb)-Total** | **mg/L** | | | | | | | 0.000523 | 0.00614 |
| **Selenium (Se)-Total** | **mg/L** | 0.002 | | | 0.002 | | | <0.00004 | <0.00004 |
| **Silicon (Si)-Total** | **mg/L** | | | | | | | 4.53 | 6.32 |
| **Silver (Ag)-Total** | **mg/L** | 0.00012 | | | 0.0005 | 0.0037 | 0.0005 | <0.00001 | <0.00001 |
| **Sodium (Na)-Total** | **mg/L** | | | | | | | 1.73 | 7.27 |
| **Strontium (Sr)-Total** | **mg/L** | | | | | | | 0.0154 | 0.0418 |
| **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 | 0.0000249 |
| **Thorium (Th)-Total** | **mg/L** | | | | | | | <0.00005 | <0.00005 |
| **Tin (Sn)-Total** | **mg/L** | | | | | | | <0.0002 | <0.0002 |
| **Titanium (Ti)-Total** | **mg/L** | | | | | | | <0.002 | 0.0061 |
| **Uranium (U)-Total** | **mg/L** | | 0.0165 | 0.0075 | | | | 0.0000501 | 0.000625 |
| **Vanadium (V)-Total** | **mg/L** | | | 0.06 | | | 0.005 | <0.0002 | 0.00023 |
| **Zinc (Zn)-Total** | **mg/L** | | | | 0.01 | 0.055 | | <0.001 | 0.0025 |
| **Zirconium (Zr)-Total** | **mg/L** | | | | | | | <0.0001 | <0.0001 |

| *Analyte* | *Unit* | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2] | BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max [1] [2] | BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average [1] [2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2] | BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max [1] [2] | BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average [1] [2] | **WLNG US 2025-07-15 08:42:00** [3] | **WLNG DS 2025-07-15 10:30:00** [3] |
|---|---|---|---|---|---|---|---|---|---|
| **Dissolved Metals** | | | | | | | | | |
| **Aluminum (Al)-Dissolved** | **mg/L** | | | | | | | 0.0329 | 0.0676 |
| **Antimony (Sb)-Dissolved** | **mg/L** | | | | | | | 0.000031 | 0.00103 |
| **Arsenic (As)-Dissolved** | **mg/L** | | | | | | | 0.000109 | 0.00131 |
| **Barium (Ba)-Dissolved** | **mg/L** | | | | | | | 0.00539 | 0.01 |
| **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 | 0.018 |
| **Cadmium (Cd)-Dissolved** | **mg/L** | 0.000034 | 0.000045 | | | | | <0.000005 | 0.0000289 |
| **Calcium (Ca)-Dissolved** | **mg/L** | | | | | | | 2.88 | 18.6 |
| **Cesium (Cs)-Dissolved** | **mg/L** | | | | | | | <0.00005 | <0.00005 |
| **Chromium (Cr)-Dissolved** | **mg/L** | | | | | | | <0.0001 | <0.0001 |
| **Cobalt (Co)-Dissolved** | **mg/L** | | | | | | | 0.0000148 | 0.0000652 |
| **Copper (Cu)-Dissolved** | **mg/L** | 0.000213225 | 0.00204424 | | | | | **0.000623** | 0.000092 |
| **Iron (Fe)-Dissolved** | **mg/L** | | 0.35 | | | | | 0.0288 | 0.0026 |
| **Lead (Pb)-Dissolved** | **mg/L** | 0.001592 | | | | | | 0.0000117 | <0.000005 |
| **Lithium (Li)-Dissolved** | **mg/L** | | | | | | | <0.0005 | 0.00634 |
| **Manganese (Mn)-Dissolved** | **mg/L** | | | | | | | 0.000771 | 0.0545 |
| **Magnesium (Mg)-Dissolved** | **mg/L** | | | | | | | 0.299 | 0.86 |
| **Mercury (Hg)-Dissolved** | **mg/L** | | | | | | | <0.0000019 | <0.0000019 |
| **Molybdenum (Mo)-Dissolved** | **mg/L** | | | | | | | 0.00047 | 0.0234 |
| **Nickel (Ni)-Dissolved** | **mg/L** | 0.0006 | 0.0096 | | | | | 0.000257 | 0.000184 |
| **Phosphorus (P)-Dissolved** | **mg/L** | | | | | | | 0.0029 | 0.0026 |
| **Potassium (K)-Dissolved** | **mg/L** | | | | | | | 0.21 | 2.73 |
| **Rubidium (Rb)-Dissolved** | **mg/L** | | | | | | | 0.000537 | 0.00555 |
| **Selenium (Se)-Dissolved** | **mg/L** | | | | | | | <0.00004 | <0.00004 |
| **Silicon (Si)-Dissolved** | **mg/L** | | | | | | | 4.44 | 5.81 |
| **Silver (Ag)-Dissolved** | **mg/L** | | | | | | | <0.000005 | <0.000005 |
| **Sodium (Na)-Dissolved** | **mg/L** | | | | | | | 1.64 | 7.01 |
| **Strontium (Sr)-Dissolved** | **mg/L** | | | 1.25 | | | | 0.0157 | 0.0428 |
| **Sulphur (S)-Dissolved** | **mg/L** | | | | | | | <3 | <3 |
| **Tellurium (Te)-Dissolved** | **mg/L** | | | | | | | <0.00002 | <0.00002 |
| **Thallium (Tl)-Dissolved** | **mg/L** | | | | | | | <0.000002 | 0.0000179 |
| **Thorium (Th)-Dissolved** | **mg/L** | | | | | | | 0.0000101 | 0.0000055 |
| **Tin (Sn)-Dissolved** | **mg/L** | | | | | | | <0.0002 | <0.0002 |
| **Titanium (Ti)-Dissolved** | **mg/L** | | | | | | | <0.0005 | <0.0005 |
| **Uranium (U)-Dissolved** | **mg/L** | | | | | | | 0.0000496 | 0.000505 |
| **Vanadium (V)-Dissolved** | **mg/L** | | | | | | | <0.0002 | <0.0002 |
| **Zinc (Zn)-Dissolved** | **mg/L** | 0.002546 | 0.008555 | | | | | 0.00062 | 0.00126 |
| **Zirconium (Zr)-Dissolved** | **mg/L** | | | | | | | <0.0001 | <0.0001 |
| **Inorganics** | | | | | | | | | |
| **Organic Carbon (C)-Total** | **mg/L** | | | | | | | 2.2 | 1.2 |
| **Organic Carbon (C)-Dissolved** | **mg/L** | | | | | | | 1.7 | 1.1 |
| **Solids-Total Dissolved** | **mg/L** | | | | | | | 20 | 96 |
| **Solids-Total Suspended** | **mg/L** | 6 | 26 | | | | | <1 | 2 |

[1] Guideline calculated using the in-situ measurements (pH (field),Temperature (field), Turbidity (field), Hardness (as $CaCO_3$) – total, Dissolved Organic Carbon (DOC), Total Alkalinity ($CaCO_3$), and Chloride).

[2] 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.

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

# Woodfibre Site Receiving Environment Field Notes and Logs

| Woodfibre LNG (East Creek) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| WLNG-DS | 2025-07-14 00:00:00 | | | | | | |
| WLNG-DS | 2025-07-14 01:00:00 | | | | | | |
| WLNG-DS | 2025-07-14 02:00:00 | | | | | | |
| WLNG-DS | 2025-07-14 03:00:00 | | | | | | |
| WLNG-DS | 2025-07-14 04:00:00 | | | | | | |
| WLNG-DS | 2025-07-14 05:00:00 | | | | | | |
| WLNG-DS | 2025-07-14 06:00:00 | | | | | | |
| WLNG-DS | 2025-07-14 07:00:00 | | | | | | |
| WLNG-DS | 2025-07-14 08:00:00 | 12.920 | 145.813 | -0.014 | 7.645 | 9.966 | 60.805 |
| WLNG-DS | 2025-07-14 09:00:00 | 12.898 | 145.990 | -0.011 | 7.685 | 10.044 | 65.631 |
| WLNG-DS | 2025-07-14 10:00:00 | 13.059 | 144.150 | -0.011 | 7.721 | 9.906 | 108.435 |
| WLNG-DS | 2025-07-14 11:00:00 | 13.238 | 143.632 | -0.012 | 7.793 | 9.973 | 200.462 |
| WLNG-DS | 2025-07-14 12:00:00 | 13.771 | 136.324 | 0.037 | 7.797 | 9.837 | 10.456 |
| WLNG-DS | 2025-07-14 13:00:00 | 13.520 | 143.887 | 0.041 | 7.831 | 9.978 | 4.541 |
| WLNG-DS | 2025-07-14 14:00:00 | | 139.105 | | | | |
| WLNG-DS | 2025-07-14 15:00:00 | 13.747 | 143.709 | -0.003 | 7.818 | 9.900 | 2.196 |
| WLNG-DS | 2025-07-14 16:00:00 | 13.770 | 142.908 | 0.008 | 7.805 | 9.932 | 2.847 |
| WLNG-DS | 2025-07-14 17:00:00 | 14.015 | 149.031 | -0.013 | 7.840 | 9.855 | 10.301 |
| WLNG-DS | 2025-07-14 18:00:00 | 13.817 | 150.543 | -0.014 | 7.806 | 9.901 | 1.955 |
| WLNG-DS | 2025-07-14 19:00:00 | 13.380 | 144.106 | -0.013 | 7.810 | 9.958 | 9.620 |
| WLNG-DS | 2025-07-14 20:00:00 | 13.678 | 121.710 | -0.004 | 7.626 | 9.407 | 0.000 |
| WLNG-DS | 2025-07-14 21:00:00 | 13.021 | 144.950 | -0.017 | 7.781 | 10.101 | 2.198 |
| WLNG-DS | 2025-07-14 22:00:00 | 13.253 | 148.757 | -0.026 | 7.794 | 10.031 | 3.373 |
| WLNG-DS | 2025-07-14 23:00:00 | 13.334 | 149.598 | -0.007 | 7.744 | 9.989 | 4.352 |
| WLNG-DS | 2025-07-15 00:00:00 | 13.113 | 148.227 | -0.015 | 7.751 | 10.044 | 4.383 |
| WLNG-DS | 2025-07-15 01:00:00 | 13.047 | 147.745 | -0.016 | 7.771 | 10.071 | 2.443 |
| WLNG-DS | 2025-07-15 02:00:00 | 12.796 | 144.538 | -0.015 | 7.764 | 10.139 | 1.461 |
| WLNG-DS | 2025-07-15 03:00:00 | 12.739 | 144.871 | -0.017 | 7.764 | 10.134 | 9.175 |
| WLNG-DS | 2025-07-15 04:00:00 | 12.594 | 143.638 | -0.017 | 7.764 | 10.180 | 1.347 |
| WLNG-DS | 2025-07-15 05:00:00 | 12.794 | 143.474 | -0.014 | 7.759 | 9.993 | 0.573 |
| WLNG-DS | 2025-07-15 06:00:00 | 12.744 | 148.184 | -0.021 | 7.775 | 10.156 | 105.178 |
| WLNG-DS | 2025-07-15 07:00:00 | 12.587 | 138.985 | -0.014 | 7.770 | 10.094 | 0.000 |
| WLNG-DS | 2025-07-15 08:00:00 | 12.530 | 135.472 | -0.006 | 7.752 | 10.171 | 20.191 |
| WLNG-DS | 2025-07-15 09:00:00 | 12.824 | 144.177 | -0.015 | 7.758 | 10.130 | 2.515 |
| WLNG-DS | 2025-07-15 10:00:00 | 12.978 | 144.967 | -0.014 | 7.765 | 10.087 | 1.320 |
| WLNG-DS | 2025-07-15 11:00:00 | 13.241 | 144.843 | -0.012 | 7.785 | 10.022 | 2.618 |
| WLNG-DS | 2025-07-15 12:00:00 | 13.642 | 143.687 | -0.014 | 7.813 | 9.928 | 4.750 |
| WLNG-DS | 2025-07-15 13:00:00 | 14.096 | 142.944 | -0.014 | 7.767 | 9.620 | 9.510 |
| WLNG-DS | 2025-07-15 14:00:00 | 13.960 | 146.196 | -0.014 | 7.814 | 9.855 | 1.806 |
| WLNG-DS | 2025-07-15 15:00:00 | 14.073 | 142.216 | -0.008 | 7.814 | 9.736 | 2.905 |
| WLNG-DS | 2025-07-15 16:00:00 | 13.912 | 142.419 | -0.010 | 7.806 | 9.832 | 5.986 |
| WLNG-DS | 2025-07-15 17:00:00 | 13.716 | 141.722 | -0.020 | 7.813 | 9.882 | 5.594 |
| WLNG-DS | 2025-07-15 18:00:00 | 13.683 | 141.484 | -0.014 | 7.814 | 9.808 | 11.749 |
| WLNG-DS | 2025-07-15 19:00:00 | 13.275 | 141.901 | 0.001 | 7.765 | 9.962 | 18.272 |
| WLNG-DS | 2025-07-15 20:00:00 | 13.004 | 141.922 | -0.018 | 7.749 | 10.021 | 14.172 |
| WLNG-DS | 2025-07-15 21:00:00 | | 140.800 | | | | |
| WLNG-DS | 2025-07-15 22:00:00 | 12.729 | 137.089 | 0.014 | 7.775 | 10.101 | 14.374 |
| WLNG-DS | 2025-07-15 23:00:00 | 12.727 | 136.433 | 0.026 | 7.786 | 10.079 | 2.261 |
| WLNG-DS | 2025-07-16 00:00:00 | 12.548 | 135.216 | 0.039 | 7.767 | 10.132 | 10.803 |
| WLNG-DS | 2025-07-16 01:00:00 | 12.408 | 135.584 | 0.015 | 7.766 | 10.170 | 11.056 |
| WLNG-DS | 2025-07-16 02:00:00 | 12.411 | 135.552 | 0.028 | 7.773 | 10.118 | 3.538 |

| Woodfibre LNG (East Creek) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| WLNG-DS | 2025-07-16 03:00:00 | 12.270 | 136.594 | 0.025 | 7.735 | 10.197 | 13.302 |
| WLNG-DS | 2025-07-16 04:00:00 | 12.210 | 136.605 | 0.016 | 7.719 | 10.227 | 7.204 |
| WLNG-DS | 2025-07-16 05:00:00 | 12.224 | 136.489 | 0.028 | 7.731 | 10.179 | 12.981 |
| WLNG-DS | 2025-07-16 06:00:00 | 12.078 | 135.725 | 0.024 | 7.722 | 10.253 | 26.421 |
| WLNG-DS | 2025-07-16 07:00:00 | 12.039 | 135.790 | 0.029 | 7.726 | 10.276 | 19.321 |
| WLNG-DS | 2025-07-16 08:00:00 | 12.019 | 135.167 | 0.053 | 7.712 | 10.246 | 15.360 |
| WLNG-DS | 2025-07-16 09:00:00 | 12.380 | 138.211 | 0.051 | 7.712 | 10.155 | 4.004 |
| WLNG-DS | 2025-07-16 10:00:00 | 12.670 | 140.251 | 0.025 | 7.755 | 10.099 | 7.732 |
| WLNG-DS | 2025-07-16 11:00:00 | 12.940 | 143.552 | 0.027 | 7.783 | 10.043 | 8.327 |
| WLNG-DS | 2025-07-16 12:00:00 | 13.122 | 143.115 | 0.033 | 7.794 | 10.013 | 7.823 |
| WLNG-DS | 2025-07-16 13:00:00 | 13.582 | 143.479 | 0.030 | 7.787 | 9.902 | 4.102 |
| WLNG-DS | 2025-07-16 14:00:00 | 14.379 | 147.971 | 0.048 | 7.788 | 9.630 | 7.545 |
| WLNG-DS | 2025-07-16 15:00:00 | 13.938 | 144.020 | 0.046 | 7.798 | 9.740 | 21.511 |
| WLNG-DS | 2025-07-16 16:00:00 | 13.563 | 142.986 | 0.035 | 7.796 | 9.874 | 12.677 |
| WLNG-DS | 2025-07-16 17:00:00 | 13.821 | 152.009 | 0.024 | 7.833 | 9.790 | 7.957 |
| WLNG-DS | 2025-07-16 18:00:00 | 13.858 | 152.622 | 0.010 | 7.773 | 9.562 | 2.381 |
| WLNG-DS | 2025-07-16 19:00:00 | 13.252 | 145.776 | 0.014 | 7.770 | 9.912 | 10.354 |
| WLNG-DS | 2025-07-16 20:00:00 | 12.689 | 140.021 | 0.026 | 7.734 | 10.056 | 12.711 |
| WLNG-DS | 2025-07-16 21:00:00 | 12.562 | 140.093 | 0.066 | 7.733 | 10.056 | 25.340 |
| WLNG-DS | 2025-07-16 22:00:00 | | 149.192 | | | | |
| WLNG-DS | 2025-07-16 23:00:00 | 12.845 | 146.422 | -0.007 | 7.764 | 10.011 | 7.481 |
| WLNG-DS | 2025-07-17 00:00:00 | 12.821 | 148.124 | -0.015 | 7.760 | 10.020 | 5.622 |
| WLNG-DS | 2025-07-17 01:00:00 | 12.927 | 148.421 | -0.010 | 7.766 | 9.969 | 1.824 |
| WLNG-DS | 2025-07-17 02:00:00 | 12.952 | 151.096 | -0.007 | 7.777 | 10.008 | 4.615 |
| WLNG-DS | 2025-07-17 03:00:00 | 12.864 | 150.096 | -0.013 | 7.732 | 9.836 | 11.931 |
| WLNG-DS | 2025-07-17 04:00:00 | | 148.472 | | | | |
| WLNG-DS | 2025-07-17 05:00:00 | 12.779 | 151.429 | 0.013 | 7.714 | 10.044 | 35.003 |
| WLNG-DS | 2025-07-17 06:00:00 | 12.700 | 148.529 | -0.003 | 7.731 | 10.047 | 23.166 |
| WLNG-DS | 2025-07-17 07:00:00 | 12.591 | 151.033 | 0.002 | 7.758 | 10.107 | 15.758 |
| WLNG-DS | 2025-07-17 08:00:00 | 12.249 | 141.026 | 0.033 | 7.711 | 10.200 | 16.187 |
| WLNG-DS | 2025-07-17 09:00:00 | 12.454 | 141.665 | 0.018 | 7.747 | 10.145 | 29.757 |
| WLNG-DS | 2025-07-17 10:00:00 | 12.752 | 144.200 | 0.025 | 7.775 | 10.093 | 9.991 |
| WLNG-DS | 2025-07-17 11:00:00 | 12.878 | 140.660 | 0.047 | 7.784 | 10.073 | 13.261 |
| WLNG-DS | 2025-07-17 12:00:00 | 13.294 | 140.082 | 0.047 | 7.809 | 9.945 | 13.370 |
| WLNG-DS | 2025-07-17 13:00:00 | 13.328 | 141.403 | 0.037 | 7.795 | 9.958 | 27.246 |
| WLNG-DS | 2025-07-17 14:00:00 | 13.394 | 143.289 | 0.033 | 7.806 | 9.942 | 18.526 |
| WLNG-DS | 2025-07-17 15:00:00 | 13.682 | 144.038 | 0.039 | 7.835 | 9.842 | 17.120 |
| WLNG-DS | 2025-07-17 16:00:00 | 13.554 | 144.319 | 0.054 | 7.852 | 9.887 | 6.949 |
| WLNG-DS | 2025-07-17 17:00:00 | 13.515 | 145.833 | 0.042 | 7.839 | 9.922 | 8.574 |
| WLNG-DS | 2025-07-17 18:00:00 | 13.476 | 146.869 | 0.037 | 7.822 | 9.903 | 6.319 |
| WLNG-DS | 2025-07-17 19:00:00 | 13.308 | 147.572 | 0.026 | 7.814 | 9.896 | 1.520 |
| WLNG-DS | 2025-07-17 20:00:00 | 12.574 | 139.334 | 0.039 | 7.768 | 10.119 | 2.577 |
| WLNG-DS | 2025-07-17 21:00:00 | 12.939 | 145.095 | 0.026 | 7.782 | 10.028 | 5.394 |
| WLNG-DS | 2025-07-17 22:00:00 | 12.775 | 143.774 | 0.026 | 7.782 | 10.066 | 4.317 |
| WLNG-DS | 2025-07-17 23:00:00 | 12.599 | 144.837 | 0.027 | 7.769 | 10.114 | 1.445 |
| WLNG-DS | 2025-07-18 00:00:00 | 12.779 | 151.668 | 0.012 | 7.788 | 10.076 | 6.071 |
| WLNG-DS | 2025-07-18 01:00:00 | 12.760 | 152.006 | 0.016 | 7.776 | 10.075 | 5.575 |
| WLNG-DS | 2025-07-18 02:00:00 | 12.837 | 149.804 | 0.025 | 7.750 | 9.939 | 1.832 |
| WLNG-DS | 2025-07-18 03:00:00 | 13.109 | 155.329 | 0.014 | 7.769 | 9.843 | 0.443 |
| WLNG-DS | 2025-07-18 04:00:00 | 12.705 | 149.638 | -0.005 | 7.732 | 10.087 | 2.791 |
| WLNG-DS | 2025-07-18 05:00:00 | 12.757 | 151.061 | 0.001 | 7.760 | 10.060 | 1.172 |

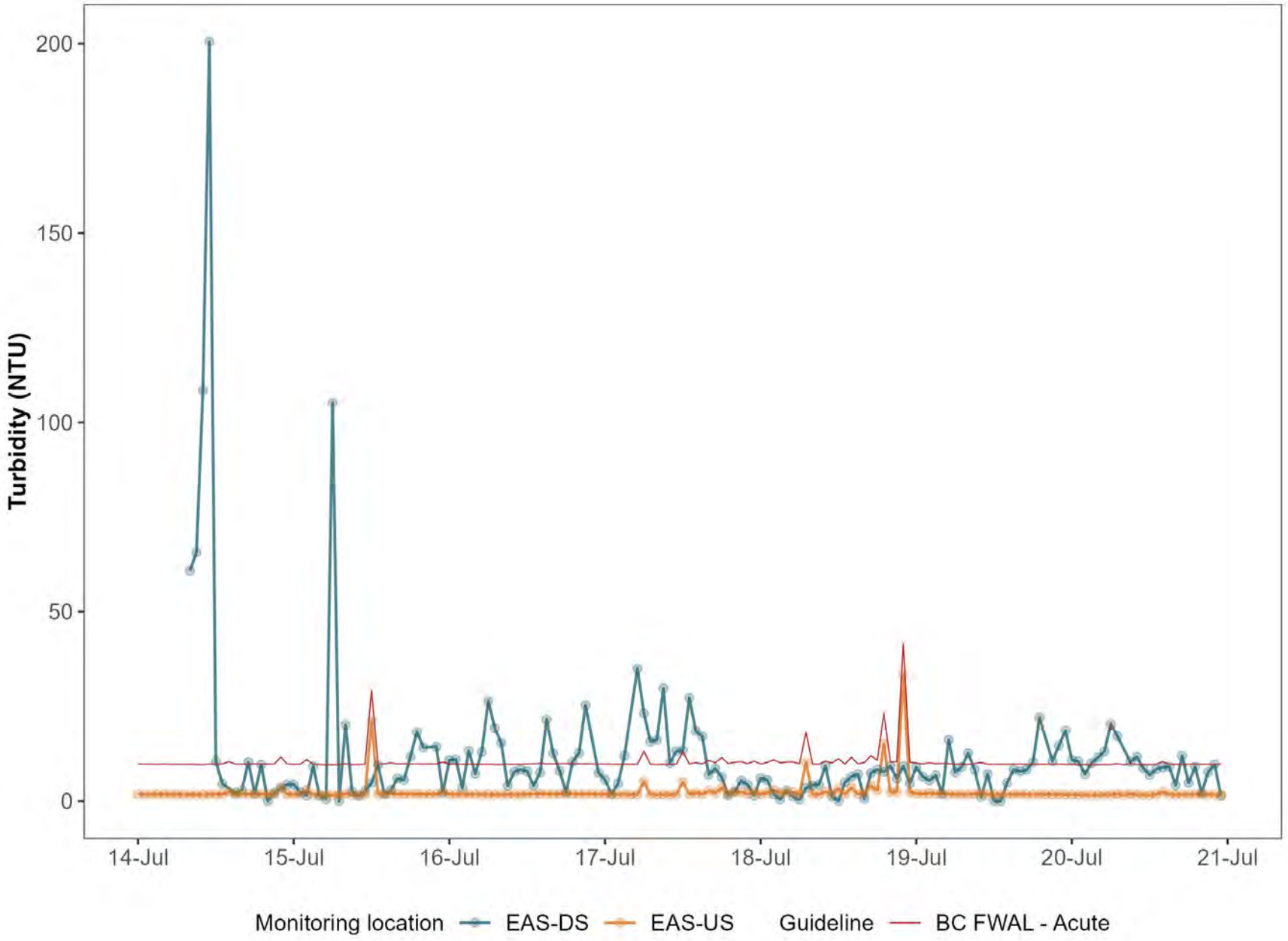
| Woodfibre LNG (East Creek) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| WLNG-DS | 2025-07-18 06:00:00 | 12.550 | 143.772 | -0.005 | 7.742 | 10.124 | 0.317 |
| WLNG-DS | 2025-07-18 07:00:00 | 12.476 | 143.002 | -0.003 | 7.737 | 10.158 | 3.483 |
| WLNG-DS | 2025-07-18 08:00:00 | 12.591 | 141.556 | 0.000 | 7.735 | 10.023 | 4.164 |
| WLNG-DS | 2025-07-18 09:00:00 | 12.774 | 149.704 | -0.005 | 7.772 | 10.081 | 4.389 |
| WLNG-DS | 2025-07-18 10:00:00 | 12.684 | 146.543 | -0.005 | 7.581 | 10.104 | 9.304 |
| WLNG-DS | 2025-07-18 11:00:00 | 13.170 | 154.315 | 0.036 | 7.714 | 9.984 | 1.218 |
| WLNG-DS | 2025-07-18 12:00:00 | 13.837 | 153.493 | 0.024 | 7.672 | 9.696 | 0.000 |
| WLNG-DS | 2025-07-18 13:00:00 | 14.130 | 156.848 | 0.010 | 7.714 | 9.823 | 4.944 |
| WLNG-DS | 2025-07-18 14:00:00 | 14.142 | 154.198 | 0.012 | 7.714 | 9.817 | 6.446 |
| WLNG-DS | 2025-07-18 15:00:00 | 14.002 | 152.244 | -0.007 | 7.697 | 9.873 | 7.124 |
| WLNG-DS | 2025-07-18 16:00:00 | 13.847 | 149.955 | -0.002 | 7.706 | 9.840 | 0.609 |
| WLNG-DS | 2025-07-18 17:00:00 | 13.635 | 143.483 | 0.000 | 7.702 | 9.944 | 7.401 |
| WLNG-DS | 2025-07-18 18:00:00 | 13.388 | 138.947 | 0.001 | 7.732 | 10.023 | 8.332 |
| WLNG-DS | 2025-07-18 19:00:00 | 13.145 | 140.390 | -0.002 | 7.720 | 10.075 | 7.718 |
| WLNG-DS | 2025-07-18 20:00:00 | 12.725 | 138.967 | -0.004 | 7.720 | 10.153 | 9.261 |
| WLNG-DS | 2025-07-18 21:00:00 | 12.889 | 144.161 | -0.008 | 7.734 | 10.125 | 5.953 |
| WLNG-DS | 2025-07-18 22:00:00 | 12.862 | 142.420 | -0.005 | 7.715 | 10.137 | 9.213 |
| WLNG-DS | 2025-07-18 23:00:00 | 12.958 | 141.846 | -0.001 | 7.706 | 9.964 | 4.734 |
| WLNG-DS | 2025-07-19 00:00:00 | 12.651 | 139.859 | -0.002 | 7.717 | 10.189 | 8.936 |
| WLNG-DS | 2025-07-19 01:00:00 | 12.456 | 140.090 | -0.005 | 7.708 | 10.217 | 6.490 |
| WLNG-DS | 2025-07-19 02:00:00 | 12.431 | 140.557 | -0.001 | 7.699 | 10.225 | 5.436 |
| WLNG-DS | 2025-07-19 03:00:00 | 12.412 | 140.287 | 0.001 | 7.708 | 10.240 | 6.802 |
| WLNG-DS | 2025-07-19 04:00:00 | 12.392 | 139.058 | 0.002 | 7.715 | 10.178 | 1.808 |
| WLNG-DS | 2025-07-19 05:00:00 | 12.226 | 138.116 | 0.001 | 7.708 | 10.284 | 16.183 |
| WLNG-DS | 2025-07-19 06:00:00 | 12.189 | 137.911 | -0.003 | 7.707 | 10.308 | 7.624 |
| WLNG-DS | 2025-07-19 07:00:00 | 12.181 | 137.424 | -0.008 | 7.711 | 10.347 | 9.037 |
| WLNG-DS | 2025-07-19 08:00:00 | 12.066 | 136.312 | 0.002 | 7.714 | 10.364 | 12.678 |
| WLNG-DS | 2025-07-19 09:00:00 | 12.108 | 138.396 | -0.001 | 7.733 | 10.345 | 8.290 |
| WLNG-DS | 2025-07-19 10:00:00 | 12.252 | 139.341 | -0.002 | 7.764 | 10.187 | 1.114 |
| WLNG-DS | 2025-07-19 11:00:00 | 12.194 | 139.868 | 0.003 | 7.742 | 10.347 | 7.139 |
| WLNG-DS | 2025-07-19 12:00:00 | 12.818 | 143.804 | 0.005 | 7.770 | 10.149 | 0.000 |
| WLNG-DS | 2025-07-19 13:00:00 | 13.578 | 141.775 | 0.010 | 7.647 | 9.642 | 0.000 |
| WLNG-DS | 2025-07-19 14:00:00 | 13.140 | 145.794 | -0.006 | 7.749 | 10.102 | 4.812 |
| WLNG-DS | 2025-07-19 15:00:00 | 13.405 | 141.884 | 0.010 | 7.733 | 9.976 | 8.281 |
| WLNG-DS | 2025-07-19 16:00:00 | 13.101 | 140.345 | 0.006 | 7.753 | 10.062 | 7.841 |
| WLNG-DS | 2025-07-19 17:00:00 | 12.861 | 141.571 | -0.002 | 7.744 | 10.086 | 8.250 |
| WLNG-DS | 2025-07-19 18:00:00 | 12.533 | 143.520 | -0.004 | 7.718 | 10.238 | 10.270 |
| WLNG-DS | 2025-07-19 19:00:00 | 12.352 | 142.289 | -0.006 | 7.697 | 10.270 | 22.061 |
| WLNG-DS | 2025-07-19 20:00:00 | | 139.604 | | | | |
| WLNG-DS | 2025-07-19 21:00:00 | 12.049 | 137.608 | 0.014 | 7.712 | 10.358 | 10.552 |
| WLNG-DS | 2025-07-19 22:00:00 | 12.322 | 143.020 | 0.009 | 7.741 | 10.268 | 14.724 |
| WLNG-DS | 2025-07-19 23:00:00 | 12.152 | 140.941 | 0.002 | 7.725 | 10.349 | 18.613 |
| WLNG-DS | 2025-07-20 00:00:00 | 12.127 | 141.378 | 0.016 | 7.721 | 10.319 | 10.857 |
| WLNG-DS | 2025-07-20 01:00:00 | 12.117 | 144.905 | 0.018 | 7.736 | 10.327 | 10.477 |
| WLNG-DS | 2025-07-20 02:00:00 | 11.983 | 142.151 | 0.030 | 7.734 | 10.330 | 7.122 |
| WLNG-DS | 2025-07-20 03:00:00 | 12.207 | 146.652 | 0.006 | 7.715 | 10.293 | 10.027 |
| WLNG-DS | 2025-07-20 04:00:00 | 12.099 | 145.034 | 0.002 | 7.704 | 10.331 | 11.537 |
| WLNG-DS | 2025-07-20 05:00:00 | 12.099 | 145.415 | 0.009 | 7.701 | 10.320 | 13.137 |
| WLNG-DS | 2025-07-20 06:00:00 | 12.086 | 143.821 | 0.081 | 7.703 | 10.337 | 20.342 |
| WLNG-DS | 2025-07-20 07:00:00 | 12.067 | 141.309 | 0.025 | 7.714 | 10.335 | 17.205 |
| WLNG-DS | 2025-07-20 08:00:00 | | 134.352 | | | | |

| Woodfibre LNG (East Creek) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| WLNG-DS | 2025-07-20 09:00:00 | 11.985 | 140.184 | 0.001 | 7.761 | 10.344 | 10.312 |
| WLNG-DS | 2025-07-20 10:00:00 | 11.970 | 136.588 | -0.006 | 7.756 | 10.384 | 11.704 |
| WLNG-DS | 2025-07-20 11:00:00 | 11.947 | 134.000 | -0.008 | 7.747 | 10.376 | 8.709 |
| WLNG-DS | 2025-07-20 12:00:00 | 12.172 | 133.783 | 0.004 | 7.765 | 10.248 | 6.882 |
| WLNG-DS | 2025-07-20 13:00:00 | 12.263 | 133.710 | -0.002 | 7.771 | 10.290 | 8.435 |
| WLNG-DS | 2025-07-20 14:00:00 | 12.361 | 132.905 | -0.005 | 7.775 | 10.262 | 8.898 |
| WLNG-DS | 2025-07-20 15:00:00 | 12.855 | 134.732 | 0.005 | 7.793 | 10.095 | 9.057 |
| WLNG-DS | 2025-07-20 16:00:00 | 12.676 | 134.578 | 0.003 | 7.798 | 10.157 | 4.213 |
| WLNG-DS | 2025-07-20 17:00:00 | 12.560 | 134.378 | -0.006 | 7.785 | 10.188 | 11.970 |
| WLNG-DS | 2025-07-20 18:00:00 | 12.340 | 132.436 | 0.000 | 7.787 | 10.233 | 4.782 |
| WLNG-DS | 2025-07-20 19:00:00 | 12.233 | 133.813 | 0.010 | 7.770 | 10.269 | 9.080 |
| WLNG-DS | 2025-07-20 20:00:00 | 12.336 | 132.629 | 0.007 | 7.707 | 9.904 | 2.133 |
| WLNG-DS | 2025-07-20 21:00:00 | 12.365 | 140.647 | -0.002 | 7.768 | 10.239 | 7.670 |
| WLNG-DS | 2025-07-20 22:00:00 | 12.355 | 144.299 | -0.008 | 7.738 | 10.232 | 9.658 |
| WLNG-DS | 2025-07-20 23:00:00 | 12.490 | 144.254 | -0.008 | 7.774 | 10.159 | 1.277 |
| WLNG-US | 2025-07-14 00:00:00 | 16.849 | 24.007 | 0.370 | 6.880 | 8.286 | 1.826 |
| WLNG-US | 2025-07-14 01:00:00 | 16.747 | 23.975 | 0.353 | 7.161 | 8.348 | 1.751 |
| WLNG-US | 2025-07-14 02:00:00 | 16.652 | 23.909 | 0.355 | 7.172 | 8.354 | 1.760 |
| WLNG-US | 2025-07-14 03:00:00 | 16.546 | 24.227 | 0.373 | 6.869 | 8.330 | 1.738 |
| WLNG-US | 2025-07-14 04:00:00 | 16.443 | 24.536 | 0.356 | 7.188 | 8.395 | 1.796 |
| WLNG-US | 2025-07-14 05:00:00 | 16.334 | 23.990 | 0.356 | 7.195 | 8.432 | 1.734 |
| WLNG-US | 2025-07-14 06:00:00 | 16.227 | 23.844 | 0.356 | 7.204 | 8.460 | 1.744 |
| WLNG-US | 2025-07-14 07:00:00 | 16.138 | 23.673 | 0.355 | 7.198 | 8.493 | 1.692 |
| WLNG-US | 2025-07-14 08:00:00 | 16.103 | 23.736 | 0.371 | 6.912 | 8.541 | 1.716 |
| WLNG-US | 2025-07-14 09:00:00 | 16.135 | 23.651 | 0.352 | 7.277 | 8.653 | 1.667 |
| WLNG-US | 2025-07-14 10:00:00 | 16.243 | 23.298 | 0.349 | 7.297 | 8.717 | 1.655 |
| WLNG-US | 2025-07-14 11:00:00 | 16.632 | 23.220 | 0.350 | 7.354 | 8.718 | 1.772 |
| WLNG-US | 2025-07-14 12:00:00 | 17.095 | 23.080 | 0.341 | 7.386 | 8.717 | 1.801 |
| WLNG-US | 2025-07-14 13:00:00 | 16.827 | 23.219 | 0.347 | 7.310 | 8.560 | 1.806 |
| WLNG-US | 2025-07-14 14:00:00 | 16.753 | 24.006 | 0.335 | 7.266 | 8.526 | 2.426 |
| WLNG-US | 2025-07-14 15:00:00 | 16.776 | 24.108 | 0.342 | 7.294 | 8.528 | 1.767 |
| WLNG-US | 2025-07-14 16:00:00 | 16.851 | 23.460 | 0.350 | 7.286 | 8.490 | 1.788 |
| WLNG-US | 2025-07-14 17:00:00 | 16.921 | 23.177 | 0.355 | 7.273 | 8.415 | 1.808 |
| WLNG-US | 2025-07-14 18:00:00 | 16.894 | 23.247 | 0.360 | 7.253 | 8.375 | 1.819 |
| WLNG-US | 2025-07-14 19:00:00 | 16.811 | 23.682 | 0.365 | 7.226 | 8.369 | 1.803 |
| WLNG-US | 2025-07-14 20:00:00 | 16.729 | 23.705 | 0.366 | 7.200 | 8.340 | 1.795 |
| WLNG-US | 2025-07-14 21:00:00 | 16.636 | 23.654 | 0.369 | 7.201 | 8.359 | 1.762 |
| WLNG-US | 2025-07-14 22:00:00 | 16.530 | 23.573 | 0.368 | 7.206 | 8.363 | 3.654 |
| WLNG-US | 2025-07-14 23:00:00 | 16.416 | 23.574 | 0.372 | 7.195 | 8.385 | 1.803 |
| WLNG-US | 2025-07-15 00:00:00 | 16.296 | 23.625 | 0.371 | 7.191 | 8.431 | 1.722 |
| WLNG-US | 2025-07-15 01:00:00 | | 23.480 | | | | 1.748 |
| WLNG-US | 2025-07-15 02:00:00 | | 25.789 | | | | 2.967 |
| WLNG-US | 2025-07-15 03:00:00 | 15.914 | 23.543 | 0.369 | 7.204 | 8.514 | 1.731 |
| WLNG-US | 2025-07-15 04:00:00 | 15.794 | 23.362 | 0.370 | 7.220 | 8.544 | 1.673 |
| WLNG-US | 2025-07-15 05:00:00 | 15.674 | 23.312 | 0.373 | 7.209 | 8.561 | 1.619 |
| WLNG-US | 2025-07-15 06:00:00 | 15.551 | 23.480 | 0.373 | 7.235 | 8.615 | 1.604 |
| WLNG-US | 2025-07-15 07:00:00 | 15.458 | 23.068 | 0.373 | 7.224 | 8.641 | 1.657 |
| WLNG-US | 2025-07-15 08:00:00 | 15.423 | 23.241 | 0.372 | 7.228 | 8.702 | 1.857 |
| WLNG-US | 2025-07-15 09:00:00 | 15.498 | 23.101 | 0.373 | 7.223 | 8.725 | 1.631 |
| WLNG-US | 2025-07-15 10:00:00 | 15.681 | 23.118 | 0.371 | 7.221 | 8.714 | 1.675 |
| WLNG-US | 2025-07-15 11:00:00 | 16.215 | 23.287 | 0.367 | 7.262 | 8.765 | 1.717 |

| Woodfibre LNG (East Creek) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| WLNG-US | 2025-07-15 12:00:00 | 16.885 | 22.996 | 0.353 | 7.341 | 8.798 | 21.336 |
| WLNG-US | 2025-07-15 13:00:00 | 16.758 | 23.311 | 0.345 | 7.440 | 8.673 | 1.793 |
| WLNG-US | 2025-07-15 14:00:00 | 16.883 | 23.060 | 0.371 | 7.009 | 8.555 | 1.827 |
| WLNG-US | 2025-07-15 15:00:00 | 17.056 | 23.209 | 0.350 | 7.299 | 8.486 | 2.100 |
| WLNG-US | 2025-07-15 16:00:00 | 17.176 | 23.367 | 0.347 | 7.282 | 8.449 | 1.827 |
| WLNG-US | 2025-07-15 17:00:00 | 17.204 | 23.662 | 0.346 | 7.252 | 8.348 | 1.879 |
| WLNG-US | 2025-07-15 18:00:00 | 17.230 | 23.593 | 0.347 | 7.231 | 8.309 | 1.821 |
| WLNG-US | 2025-07-15 19:00:00 | 17.196 | 23.769 | 0.350 | 7.219 | 8.270 | 1.826 |
| WLNG-US | 2025-07-15 20:00:00 | 17.153 | 23.814 | 0.350 | 7.214 | 8.255 | 1.797 |
| WLNG-US | 2025-07-15 21:00:00 | 17.071 | 24.067 | 0.355 | 7.218 | 8.255 | 1.816 |
| WLNG-US | 2025-07-15 22:00:00 | 16.956 | 23.908 | 0.359 | 7.195 | 8.265 | 1.799 |
| WLNG-US | 2025-07-15 23:00:00 | 16.825 | 24.342 | 0.379 | 6.909 | 8.265 | 2.322 |
| WLNG-US | 2025-07-16 00:00:00 | 16.679 | 23.915 | 0.379 | 6.889 | 8.329 | 1.761 |
| WLNG-US | 2025-07-16 01:00:00 | 16.530 | 23.925 | 0.364 | 7.178 | 8.343 | 1.783 |
| WLNG-US | 2025-07-16 02:00:00 | 16.369 | 23.749 | 0.363 | 7.179 | 8.370 | 1.761 |
| WLNG-US | 2025-07-16 03:00:00 | 16.211 | 23.837 | 0.365 | 7.186 | 8.423 | 1.757 |
| WLNG-US | 2025-07-16 04:00:00 | 16.073 | 23.861 | 0.369 | 7.171 | 8.427 | 1.751 |
| WLNG-US | 2025-07-16 05:00:00 | 15.932 | 23.897 | 0.372 | 7.204 | 8.456 | 1.717 |
| WLNG-US | 2025-07-16 06:00:00 | 15.797 | 23.483 | 0.374 | 7.190 | 8.523 | 1.748 |
| WLNG-US | 2025-07-16 07:00:00 | 15.688 | 23.623 | 0.373 | 7.219 | 8.592 | 1.685 |
| WLNG-US | 2025-07-16 08:00:00 | 15.645 | 23.564 | 0.376 | 7.214 | 8.617 | 1.663 |
| WLNG-US | 2025-07-16 09:00:00 | 15.701 | 23.529 | 0.374 | 7.210 | 8.640 | 1.764 |
| WLNG-US | 2025-07-16 10:00:00 | 15.848 | 23.628 | 0.373 | 7.245 | 8.654 | 1.689 |
| WLNG-US | 2025-07-16 11:00:00 | 16.308 | 23.418 | 0.367 | 7.310 | 8.765 | 1.742 |
| WLNG-US | 2025-07-16 12:00:00 | 16.962 | 23.322 | 0.359 | 7.358 | 8.758 | 1.807 |
| WLNG-US | 2025-07-16 13:00:00 | 16.986 | 23.307 | 0.350 | 7.363 | 8.632 | 1.844 |
| WLNG-US | 2025-07-16 14:00:00 | 17.082 | 23.371 | 0.349 | 7.328 | 8.514 | 1.980 |
| WLNG-US | 2025-07-16 15:00:00 | 17.270 | 23.516 | 0.348 | 7.328 | 8.420 | 1.843 |
| WLNG-US | 2025-07-16 16:00:00 | 17.369 | 23.686 | 0.347 | 7.306 | 8.375 | 1.837 |
| WLNG-US | 2025-07-16 17:00:00 | 17.377 | 23.600 | 0.346 | 7.282 | 8.268 | 1.892 |
| WLNG-US | 2025-07-16 18:00:00 | 17.368 | 24.104 | 0.347 | 7.257 | 8.218 | 1.906 |
| WLNG-US | 2025-07-16 19:00:00 | 17.272 | 24.091 | 0.363 | 6.924 | 8.197 | 1.874 |
| WLNG-US | 2025-07-16 20:00:00 | 17.162 | 23.962 | 0.351 | 7.197 | 8.204 | 1.845 |
| WLNG-US | 2025-07-16 21:00:00 | 17.047 | 24.399 | 0.353 | 7.189 | 8.212 | 1.848 |
| WLNG-US | 2025-07-16 22:00:00 | 16.905 | 24.161 | 0.355 | 7.196 | 8.204 | 1.817 |
| WLNG-US | 2025-07-16 23:00:00 | 16.748 | 24.237 | 0.362 | 7.196 | 8.267 | 1.786 |
| WLNG-US | 2025-07-17 00:00:00 | 16.590 | 24.244 | 0.364 | 7.167 | 8.290 | 1.797 |
| WLNG-US | 2025-07-17 01:00:00 | 16.441 | 24.251 | 0.367 | 7.225 | 8.327 | 1.750 |
| WLNG-US | 2025-07-17 02:00:00 | 16.301 | 24.008 | 0.372 | 7.202 | 8.365 | 1.732 |
| WLNG-US | 2025-07-17 03:00:00 | 16.167 | 23.944 | 0.361 | 7.310 | 8.405 | 1.757 |
| WLNG-US | 2025-07-17 04:00:00 | | 23.792 | | | | 1.709 |
| WLNG-US | 2025-07-17 05:00:00 | 15.914 | 24.154 | 0.369 | 7.176 | 8.452 | 1.732 |
| WLNG-US | 2025-07-17 06:00:00 | 15.778 | 23.988 | 0.365 | 7.195 | 8.470 | 5.143 |
| WLNG-US | 2025-07-17 07:00:00 | 15.675 | 23.822 | 0.362 | 7.233 | 8.521 | 1.751 |
| WLNG-US | 2025-07-17 08:00:00 | 15.639 | 23.782 | 0.357 | 7.246 | 8.555 | 1.669 |
| WLNG-US | 2025-07-17 09:00:00 | | 23.544 | | | | 1.714 |
| WLNG-US | 2025-07-17 10:00:00 | 15.884 | 23.479 | 0.370 | 6.946 | 8.612 | 1.655 |
| WLNG-US | 2025-07-17 11:00:00 | 16.364 | 23.264 | 0.357 | 7.236 | 8.749 | 1.752 |
| WLNG-US | 2025-07-17 12:00:00 | 17.012 | 25.609 | 0.357 | 7.061 | 8.702 | 5.052 |
| WLNG-US | 2025-07-17 13:00:00 | 16.899 | 23.439 | 0.345 | 7.358 | 8.611 | 1.832 |
| WLNG-US | 2025-07-17 14:00:00 | 17.010 | 23.354 | 0.351 | 7.332 | 8.495 | 2.143 |

| Woodfibre LNG (East Creek) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| WLNG-US | 2025-07-17 15:00:00 | 17.188 | 23.535 | 0.354 | 7.328 | 8.437 | 1.815 |
| WLNG-US | 2025-07-17 16:00:00 | 17.310 | 23.718 | 0.355 | 7.321 | 8.387 | 2.747 |
| WLNG-US | 2025-07-17 17:00:00 | 17.307 | 23.860 | 0.360 | 7.289 | 8.253 | 2.127 |
| WLNG-US | 2025-07-17 18:00:00 | 17.305 | 24.143 | 0.362 | 7.279 | 8.229 | 3.508 |
| WLNG-US | 2025-07-17 19:00:00 | 17.239 | 24.246 | 0.365 | 7.236 | 8.173 | 1.881 |
| WLNG-US | 2025-07-17 20:00:00 | | 24.191 | | | | 2.288 |
| WLNG-US | 2025-07-17 21:00:00 | 17.044 | 24.439 | 0.357 | 7.239 | 8.179 | 2.406 |
| WLNG-US | 2025-07-17 22:00:00 | 16.909 | 24.803 | 0.351 | 7.312 | 8.168 | 1.873 |
| WLNG-US | 2025-07-17 23:00:00 | 16.777 | 24.361 | 0.358 | 7.207 | 8.233 | 2.573 |
| WLNG-US | 2025-07-18 00:00:00 | 16.654 | 24.343 | 0.361 | 7.198 | 8.269 | 1.789 |
| WLNG-US | 2025-07-18 01:00:00 | 16.542 | 24.191 | 0.361 | 7.205 | 8.313 | 2.216 |
| WLNG-US | 2025-07-18 02:00:00 | 16.426 | 24.056 | 0.359 | 7.213 | 8.336 | 2.956 |
| WLNG-US | 2025-07-18 03:00:00 | 16.307 | 24.369 | 0.362 | 7.188 | 8.366 | 2.136 |
| WLNG-US | 2025-07-18 04:00:00 | 16.182 | 24.094 | 0.359 | 7.234 | 8.375 | 2.339 |
| WLNG-US | 2025-07-18 05:00:00 | 16.076 | 24.174 | 0.361 | 7.212 | 8.429 | 2.338 |
| WLNG-US | 2025-07-18 06:00:00 | 15.981 | 24.222 | 0.361 | 7.231 | 8.436 | 1.839 |
| WLNG-US | 2025-07-18 07:00:00 | 15.931 | 24.191 | 0.359 | 7.203 | 8.537 | 10.197 |
| WLNG-US | 2025-07-18 08:00:00 | 15.967 | 23.930 | 0.359 | 7.229 | 8.607 | 1.751 |
| WLNG-US | 2025-07-18 09:00:00 | 15.967 | 24.279 | 0.346 | 7.315 | 8.549 | 1.748 |
| WLNG-US | 2025-07-18 10:00:00 | 15.995 | 23.884 | 0.354 | 7.282 | 8.609 | 2.573 |
| WLNG-US | 2025-07-18 11:00:00 | 16.056 | 24.002 | 0.357 | 7.284 | 8.647 | 2.057 |
| WLNG-US | 2025-07-18 12:00:00 | 16.916 | 23.618 | 0.350 | 7.385 | 8.773 | 3.237 |
| WLNG-US | 2025-07-18 13:00:00 | 16.883 | 23.594 | 0.349 | 7.390 | 8.637 | 1.762 |
| WLNG-US | 2025-07-18 14:00:00 | 16.974 | 23.779 | 0.353 | 7.322 | 8.543 | 3.566 |
| WLNG-US | 2025-07-18 15:00:00 | 17.127 | 23.539 | 0.357 | 7.308 | 8.468 | 1.852 |
| WLNG-US | 2025-07-18 16:00:00 | 17.157 | 23.768 | 0.353 | 7.360 | 8.378 | 2.188 |
| WLNG-US | 2025-07-18 17:00:00 | 17.090 | 23.705 | 0.364 | 7.256 | 8.350 | 4.003 |
| WLNG-US | 2025-07-18 18:00:00 | 17.030 | 24.234 | 0.365 | 7.234 | 8.310 | 2.785 |
| WLNG-US | 2025-07-18 19:00:00 | 16.926 | 24.111 | 0.362 | 7.265 | 8.265 | 15.196 |
| WLNG-US | 2025-07-18 20:00:00 | 16.797 | 24.710 | 0.364 | 7.223 | 8.250 | 2.344 |
| WLNG-US | 2025-07-18 21:00:00 | 16.677 | 24.228 | 0.365 | 7.228 | 8.288 | 2.397 |
| WLNG-US | 2025-07-18 22:00:00 | 16.544 | 24.579 | 0.366 | 7.218 | 8.300 | 33.649 |
| WLNG-US | 2025-07-18 23:00:00 | 16.400 | 24.546 | 0.369 | 7.196 | 8.326 | 2.310 |
| WLNG-US | 2025-07-19 00:00:00 | 16.239 | 24.244 | 0.368 | 7.197 | 8.372 | 2.012 |
| WLNG-US | 2025-07-19 01:00:00 | 16.086 | 24.053 | 0.367 | 7.228 | 8.406 | 1.837 |
| WLNG-US | 2025-07-19 02:00:00 | 15.937 | 24.193 | 0.369 | 7.196 | 8.442 | 2.096 |
| WLNG-US | 2025-07-19 03:00:00 | 15.783 | 24.012 | 0.362 | 7.227 | 8.492 | 1.897 |
| WLNG-US | 2025-07-19 04:00:00 | 15.643 | 24.074 | 0.363 | 7.197 | 8.514 | 1.940 |
| WLNG-US | 2025-07-19 05:00:00 | 15.510 | 23.970 | 0.363 | 7.211 | 8.558 | 1.869 |
| WLNG-US | 2025-07-19 06:00:00 | 15.423 | 24.216 | 0.376 | 6.973 | 8.612 | 1.743 |
| WLNG-US | 2025-07-19 07:00:00 | 15.404 | 23.831 | 0.361 | 7.257 | 8.650 | 1.733 |
| WLNG-US | 2025-07-19 08:00:00 | 15.394 | 23.652 | 0.371 | 6.996 | 8.722 | 1.711 |
| WLNG-US | 2025-07-19 09:00:00 | | 23.373 | | | | 1.905 |
| WLNG-US | 2025-07-19 10:00:00 | 15.481 | 22.946 | 0.351 | 7.346 | 8.874 | 2.215 |
| WLNG-US | 2025-07-19 11:00:00 | 15.639 | 22.884 | 0.367 | 7.078 | 8.928 | 1.718 |
| WLNG-US | 2025-07-19 12:00:00 | 16.480 | 22.705 | 0.343 | 7.419 | 8.943 | 1.750 |
| WLNG-US | 2025-07-19 13:00:00 | 16.319 | 22.994 | 0.345 | 7.389 | 8.828 | 1.712 |
| WLNG-US | 2025-07-19 14:00:00 | 16.391 | 23.067 | 0.349 | 7.371 | 8.723 | 1.706 |
| WLNG-US | 2025-07-19 15:00:00 | 16.462 | 23.036 | 0.350 | 7.347 | 8.678 | 1.762 |
| WLNG-US | 2025-07-19 16:00:00 | 16.514 | 23.165 | 0.351 | 7.346 | 8.646 | 1.780 |

| Woodfibre LNG (East Creek) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Station | Date/Time | Temperature (C) | Specific Conductivity (µS/cm) | ORP (V) | pH (pH units) | Dissolved Oxygen (mg/L) | Turbidity (NTU) |
| WLNG-US | 2025-07-19 17:00:00 | 16.452 | 23.302 | 0.360 | 7.303 | 8.493 | 1.740 |
| WLNG-US | 2025-07-19 18:00:00 | 16.404 | 23.508 | 0.361 | 7.263 | 8.439 | 1.739 |
| WLNG-US | 2025-07-19 19:00:00 | 16.323 | 23.613 | 0.362 | 7.242 | 8.425 | 1.724 |
| WLNG-US | 2025-07-19 20:00:00 | 16.221 | 23.693 | 0.363 | 7.240 | 8.390 | 1.743 |
| WLNG-US | 2025-07-19 21:00:00 | 16.111 | 23.674 | 0.366 | 7.230 | 8.411 | 1.735 |
| WLNG-US | 2025-07-19 22:00:00 | | 23.836 | | | | 1.746 |
| WLNG-US | 2025-07-19 23:00:00 | 15.838 | 24.212 | 0.367 | 7.228 | 8.420 | 1.702 |
| WLNG-US | 2025-07-20 00:00:00 | 15.689 | 23.582 | 0.386 | 6.934 | 8.452 | 1.674 |
| WLNG-US | 2025-07-20 01:00:00 | 15.548 | 23.932 | 0.376 | 7.199 | 8.526 | 1.655 |
| WLNG-US | 2025-07-20 02:00:00 | 15.413 | 24.306 | 0.367 | 7.271 | 8.575 | 1.638 |
| WLNG-US | 2025-07-20 03:00:00 | 15.279 | 23.665 | 0.372 | 7.194 | 8.585 | 1.620 |
| WLNG-US | 2025-07-20 04:00:00 | 15.180 | 23.868 | 0.365 | 7.199 | 8.616 | 1.623 |
| WLNG-US | 2025-07-20 05:00:00 | 15.094 | 23.851 | 0.362 | 7.192 | 8.648 | 1.668 |
| WLNG-US | 2025-07-20 06:00:00 | 15.067 | 23.804 | 0.364 | 7.202 | 8.670 | 1.643 |
| WLNG-US | 2025-07-20 07:00:00 | 15.053 | 23.883 | 0.361 | 7.242 | 8.680 | 1.916 |
| WLNG-US | 2025-07-20 08:00:00 | 15.064 | 23.539 | 0.362 | 7.238 | 8.762 | 1.590 |
| WLNG-US | 2025-07-20 09:00:00 | 15.101 | 23.626 | 0.363 | 7.272 | 8.817 | 1.902 |
| WLNG-US | 2025-07-20 10:00:00 | 15.160 | 23.192 | 0.358 | 7.288 | 8.879 | 1.652 |
| WLNG-US | 2025-07-20 11:00:00 | 15.235 | 23.500 | 0.361 | 7.286 | 8.859 | 1.640 |
| WLNG-US | 2025-07-20 12:00:00 | 15.419 | 23.451 | 0.361 | 7.342 | 8.937 | 1.631 |
| WLNG-US | 2025-07-20 13:00:00 | 15.797 | 23.088 | 0.358 | 7.376 | 8.947 | 1.720 |
| WLNG-US | 2025-07-20 14:00:00 | 15.930 | 22.972 | 0.360 | 7.365 | 8.832 | 2.472 |
| WLNG-US | 2025-07-20 15:00:00 | 16.143 | 23.303 | 0.363 | 7.320 | 8.667 | 1.696 |
| WLNG-US | 2025-07-20 16:00:00 | 16.259 | 23.543 | 0.365 | 7.311 | 8.600 | 1.712 |
| WLNG-US | 2025-07-20 17:00:00 | 16.252 | 23.704 | 0.368 | 7.294 | 8.512 | 1.707 |
| WLNG-US | 2025-07-20 18:00:00 | 16.285 | 23.572 | 0.372 | 7.280 | 8.520 | 1.744 |
| WLNG-US | 2025-07-20 19:00:00 | 16.291 | 23.729 | 0.369 | 7.272 | 8.455 | 1.764 |
| WLNG-US | 2025-07-20 20:00:00 | 16.214 | 24.400 | 0.372 | 7.217 | 8.366 | 1.723 |
| WLNG-US | 2025-07-20 21:00:00 | 16.108 | 24.618 | 0.374 | 7.213 | 8.357 | 1.704 |
| WLNG-US | 2025-07-20 22:00:00 | 16.000 | 24.375 | 0.371 | 7.258 | 8.362 | 1.693 |
| WLNG-US | 2025-07-20 23:00:00 | 15.885 | 24.312 | 0.375 | 7.208 | 8.417 | 1.784 |


Turbidity (NTU)
200
150
100
50
0
14-Jul
15-Jul
16-Jul
17-Jul
18-Jul
19-Jul
20-Jul
21-Jul
Monitoring location
EAS-DS
EAS-US
Guideline
BC FWAL - Acute

# Water Quality Field Data Sheet

**Project: FORTIS11234**

## Location Information

| | | | | | |
|---|---|---|---|---|---|
| **Site ID:** | WLNG (EAS) DS | | **Date:** | July 15, 2025 |
| **Site Name:** | East Creek | | **Time:** | 10:30 |
| **Site UTM:** | Zone: | E: | **Crew:** | HM |
| (NAD83) | | N: | **Weather:** | Clear |

## *In Situ* Parameters

| | | | | | |
|---|---|---|---|---|---|
| pH: | 7.36 | | DO: | 2.33 | (mg/L) |
| Temp.: | 14.2 | (°C) | Cond: | 138 | (us) |
| Turbidity: | 5.37 | NTU | ORP | - 5.1 | (mV) |

**Visible Sheen:** N

**Water Surface Condition:** some foam

## Photo Record

Photo


## Observations

Sediment accumulation was noted. Testing has been undertaken to characterize the material.

# Water Quality Field Data Sheet

**Project: FORTIS11234**

## Location Information

| | | | | | |
|---|---|---|---|---|---|
| **Site ID:** | WLNG (EAS) US | | **Date:** | June 3, 2025 | |
| **Site Name:** | East Creek | | **Time:** | 8:42 | |
| **Site UTM:** | Zone: | E: | **Crew:** | | |
| (NAD83) | | N: | **Weather:** | Clear | |

## *In Situ* Parameters

| | | | | | |
|---|---|---|---|---|---|
| pH: | 7.6 | | DO: | 1.63 | (mg/L) |
| Temp.: | 17.5 | (°C) | Cond: | 45.2 | (us) |
| Turbidity: | 3.57 | NTU | ORP | -17.2 MV | |

**Visible Sheen:** N

**Water Surface Condition:** Clear

## Photo Record

Photo


## Observations

# Appendix E: Lab Documentation

# RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

**Client :** 12239 Fortis BC Energy Inc, Surrey Job Number: C562676

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, colourless | | | Sample Number: | DPB996-13 |
| Sample Collected: | Jul 15, 2025 09:50 AM | Sampling Method : | N/A | Site Collection: | N/A |
| Sample Collected By: | N/A | Volume Received: | 4 x ECO10 | Avg Temp Arrival: | 5 °C Storage: 2-6°C |
| Sample Received: | Jul 15, 2025 05:55 PM | pH: | 7.5 | Dissolved Oxygen: | 10.2 mg/L |
| Analysis Start : | Jul 18, 2025 12:00 PM | Temperature : | 14 °C | Sample Conductance: | 144 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 | 10.1 | 9.8 | 7.7 | 7.6 | 51 | 0 | 0 | 0 |
| 6.25 | 15 | 15 | 10.2 | 9.8 | 7.7 | 7.5 | 57 | 0 | 0 | 0 |
| 12.5 | 14 | 15 | 10.2 | 9.6 | 7.7 | 7.5 | 63 | 0 | 0 | 0 |
| 25 | 14 | 15 | 10.2 | 9.6 | 7.7 | 7.5 | 75 | 0 | 0 | 0 |
| 50 | 14 | 15 | 10.1 | 9.1 | 7.6 | 7.3 | 96 | 0 | 0 | 0 |
| 100 | 14 | 15 | 9.9 | 9.4 | 7.5 | 7.6 | 145 | 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: 25 mg/L $CaCO_3$ 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 : | 30 min. | Rate of Aeration | 6.5±1 mL/ (min*L) |
| Test Volume : | 15 L | Vessel Volume : | 20L | Test pH Adjusted: | No |
| Loading Density : | 0.2 g/L | Photoperiod : | 16:8 (light: dark) | | |

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

| | | | | | |
|---|---|---|---|---|---|
| Culture Temperature : | 15 ± 2 °C | Weight (Mean) +- SD : | 0.3 ± 0.1 g | Length (Mean) +- SD : | 3.38 ± 0.20 cm |
| Culture Water Renewal : | ≥ 1L/min/kg fish | Weight (Range) : | 0.2 – 0.5 g | Length (Range) : | 3.10 – 3.70 cm |
| Culture Photoperiod : | 16:8 (light: dark) | | | % Mortality within 7 days : | 0.14% |
| Feeding rate and frequency : | daily: 1-5% biomass of trout. | | | Acclimation Time: | >14 days |

**Reference chemical:** Zinc Test Date: Jul 14, 2025

Test Endpoint 96 hrs LC50 (95% confidence interval) : 0.24 (0.18, 0.33)mg/L Statistical Method : Probit

Historical Mean LC50 (warning limits) : 0.16 (0.09, 0.30) 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 : Larissa dos Santos Soares, Melanie Mazziotti

Verified By : Kimberly Tamaki, Scientist, Ecotoxicology Date: Jul 29, 2025 01:34 PM

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 109174

**Attention: Saeesh Mangwani**

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

**Report Date: 2025/07/29**
Report #: R3690619
Version: 2 - Final

# CERTIFICATE OF ANALYSIS

**BUREAU VERITAS JOB #: C562676**
**Received: 2025/07/15, 17:55**

Sample Matrix: Water
# Samples Received: 11

| Analyses | Quantity | Date Extracted | Date Analyzed | Laboratory Method | Analytical Method |
|---|---|---|---|---|---|
| Alkalinity @25C (pp, total), CO3,HCO3,OH | 11 | N/A | 2025/07/19 | BBY6SOP-00026 | SM 24 2320 B m |
| Chloride/Sulphate by Auto Colourimetry | 2 | N/A | 2025/07/17 | BBY6SOP-00011 / BBY6SOP-00017 | SM24-4500-Cl/SO4-E m |
| Chloride/Sulphate by Auto Colourimetry | 9 | N/A | 2025/07/18 | BBY6SOP-00011 / BBY6SOP-00017 | SM24-4500-Cl/SO4-E m |
| Chromium III (Calc'd) | 9 | N/A | 2025/07/22 | | |
| Chromium III (Calc'd) | 2 | N/A | 2025/07/23 | | |
| Total Hexavalent Chromium | 11 | N/A | 2025/07/22 | BBY6SOP-00054 | SM 24 3500-Cr B m |
| Carbon (DOC) -Lab Filtered (2) | 11 | N/A | 2025/07/22 | BBY6SOP-00053 | SM 24 5310 B m |
| Fluoride | 3 | N/A | 2025/07/18 | BBY6SOP-00037 | SM 24 4500-F C m |
| Fluoride | 2 | N/A | 2025/07/19 | BBY6SOP-00037 | SM 24 4500-F C m |
| Fluoride | 6 | N/A | 2025/07/21 | BBY6SOP-00037 | SM 24 4500-F C m |
| Glycols in Water by GC/FID (1) | 2 | N/A | 2025/07/21 | CAL SOP-00093 | BCMOE Glycols 09/17 |
| Sulphide (as H2S) (1) | 10 | N/A | 2025/07/21 | | Auto Calc |
| Sulphide (as H2S) (1) | 1 | N/A | 2025/07/22 | | Auto Calc |
| Un-ionized Hydrogen Sulphide as S Calc | 9 | N/A | 2025/07/22 | BBY WI-00033 | Auto Calc |
| Hardness Total (calculated as CaCO3) (3) | 9 | N/A | 2025/07/22 | BBY WI-00033 | Auto Calc |
| Hardness Total (calculated as CaCO3) (3) | 2 | N/A | 2025/07/23 | BBY WI-00033 | Auto Calc |
| Hardness (calculated as CaCO3) | 11 | N/A | 2025/07/22 | BBY WI-00033 | Auto Calc |
| Mercury (Dissolved) by CV-Lab Filtered | 11 | 2025/07/21 | 2025/07/21 | BBY7SOP-00032 | BCMOE LM 2023 C1.1.3 |
| Mercury (Total) by CV | 11 | 2025/07/17 | 2025/07/18 | BBY7SOP-00032 | BCMOE LM 2023 C1.1.3 |
| Bromide as Bromine (Br) by ICPMS | 11 | N/A | 2025/07/23 | BBY7SOP-00002 | EPA 6020B R2 m |
| EPH in Water when PAH required | 2 | 2025/07/21 | 2025/07/22 | BBY8SOP-00029 | BCMOE BCLM Sep2017 m |
| Na, K, Ca, Mg, S by CRC ICPMS (diss.) | 11 | N/A | 2025/07/22 | BBY WI-00033 | Auto Calc |
| Elements by ICPMS Low Level (lab filter) (4) | 11 | N/A | 2025/07/22 | BBY7SOP-00002 | EPA 6020b R2 m |
| Elements by ICPMS Digested LL (total) | 7 | 2025/07/18 | 2025/07/22 | BBY7SOP-00003 / BBY7SOP-00002 | EPA 6020b R2 m |
| Elements by ICPMS Digested LL (total) | 2 | 2025/07/23 | 2025/07/23 | BBY7SOP-00003 / BBY7SOP-00002 | EPA 6020b R2 m |
| Na, K, Ca, Mg, S by CRC ICPMS (total) | 9 | N/A | 2025/07/22 | BBY WI-00033 | Auto Calc |
| Na, K, Ca, Mg, S by CRC ICPMS (total) | 2 | N/A | 2025/07/23 | BBY WI-00033 | Auto Calc |

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 109174

**Attention: Saeesh Mangwani**

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

**Report Date: 2025/07/29**
Report #: R3690619
Version: 2 - Final

# CERTIFICATE OF ANALYSIS

**BUREAU VERITAS JOB #: C562676**
**Received: 2025/07/15, 17:55**

Sample Matrix: Water
# Samples Received: 11

| Analyses | Quantity | Date Extracted | Date Analyzed | Laboratory Method | Analytical Method |
|---|---|---|---|---|---|
| Elements by ICPMS Low Level (total) | 2 | N/A | 2025/07/22 | BBY7SOP-00002 | EPA 6020b R2 m |
| Nitrogen (Total) | 11 | N/A | 2025/07/18 | BBY6SOP-00016 | SM 24 4500-N C m |
| Ammonia-N (Total) | 11 | N/A | 2025/07/17 | AB SOP-00007 | SM 24 4500 NH3 A G m |
| Nitrate + Nitrite (N) | 10 | N/A | 2025/07/17 | BBY6SOP-00010 | SM 24 4500-NO3- H m |
| Nitrate + Nitrite (N) | 1 | N/A | 2025/07/18 | BBY6SOP-00010 | SM 24 4500-NO3- H m |
| Nitrite (N) Regular Level Water | 10 | N/A | 2025/07/17 | BBY6SOP-00010 | SM 24 4500-NO2- m |
| Nitrite (N) Regular Level Water | 1 | N/A | 2025/07/18 | BBY6SOP-00010 | SM 24 4500-NO2- m |
| Nitrogen - Nitrate (as N) | 11 | N/A | 2025/07/18 | BBY WI-00033 | Auto Calc |
| PAH in Water by GC/MS (SIM) | 2 | 2025/07/21 | 2025/07/22 | BBY8SOP-00021 | BCMOE BCLM Jul2017m |
| Total LMW, HMW, Total PAH Calc (5) | 2 | N/A | 2025/07/22 | BBY WI-00033 | Auto Calc |
| pH @25°C (6) | 11 | N/A | 2025/07/19 | BBY6SOP-00026 | SM 24 4500-H+ B m |
| Phenols (4-AAP) (1) | 2 | N/A | 2025/07/21 | AB SOP-00088 | EPA 9066 R0 m |
| Rainbow Trout LC50 Multi-concentration | 1 | N/A | 2025/07/18 | BBY2SOP-00004 | EPS1/RM/13(2nd)&RM/9 |
| Total Sulphide (1) | 11 | 2025/07/21 | 2025/07/21 | AB SOP-00080 | SM 24 4500 S2-A D Fm |
| Total Dissolved Solids (Filt. Residue) | 11 | 2025/07/17 | 2025/07/18 | BBY6SOP-00033 | SM 24 2540 C m |
| EPH less PAH in Water by GC/FID (7) | 2 | N/A | 2025/07/22 | BBY WI-00033 | Auto Calc |
| Carbon (Total Organic) (8) | 3 | N/A | 2025/07/21 | BBY6SOP-00053 | SM 24 5310 B m |
| Carbon (Total Organic) (8) | 8 | N/A | 2025/07/22 | BBY6SOP-00053 | SM 24 5310 B m |
| Total Phosphorus Low Level Total | 11 | 2025/07/18 | 2025/07/22 | BBY6SOP-00013 | SM 24 4500-P E m |
| Total Suspended Solids (NFR) | 11 | 2025/07/21 | 2025/07/22 | BBY6SOP-00034 | SM 24 2540 D m |
| Field pH | 9 | N/A | 2025/07/22 | Field Test | Field Test |
| Field Temperature | 9 | N/A | 2025/07/22 | Field Test | Field Test |

**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 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.

Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 109174

**Attention: Saeesh Mangwani**

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

**Report Date: 2025/07/29**
Report #: R3690619
Version: 2 - Final

# CERTIFICATE OF ANALYSIS

**BUREAU VERITAS JOB #: C562676**
**Received: 2025/07/15, 17:55**



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.

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.

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
==========
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 #: C562676
Report Date: 2025/07/29

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 | | DPB995 | | | DPB996 | | | DPB997 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:30 | | | 2025/07/15 09:50 | | | 2025/07/15 08:42 | | |
| COC Number | | 109174 | | | 109174 | | | 109174 | | |
| | UNITS | WLNG-DS | RDL | QC Batch | WLNG -EOP | RDL | QC Batch | WLNG-US | RDL | QC Batch |
| **ANIONS** | | | | | | | | | | |
| Nitrite (N) | mg/L | ND | 0.0050 | C022365 | ND | 0.0050 | C022263 | ND | 0.0050 | C022264 |
| **Calculated Parameters** | | | | | | | | | | |
| Total Chromium III | mg/L | ND | 0.00099 | C021032 | ND | 0.00099 | C021032 | ND | 0.00099 | C021032 |
| Dissolved Hardness (CaCO3) | mg/L | 50.1 | 0.50 | C020247 | 50.3 | 0.50 | C021177 | 8.43 | 0.50 | C020247 |
| Total Hardness (CaCO3) | mg/L | 49.1 | 0.50 | C020330 | 48.7 | 0.50 | C020330 | 8.19 | 0.50 | C020330 |
| Nitrate (N) | mg/L | ND | 0.020 | C020343 | ND | 0.020 | C020343 | 0.030 | 0.020 | C020343 |
| Sulphide (as H2S) | mg/L | ND | 0.0020 | C020940 | ND | 0.0020 | C020940 | ND | 0.0020 | C020940 |
| **Field Parameters** | | | | | | | | | | |
| Field pH | pH | 7.36 | N/A | ONSITE | 6.7 | N/A | ONSITE | 7.6 | N/A | ONSITE |
| Field Temperature | °C | 14.2 | N/A | ONSITE | 13.6 | N/A | ONSITE | 17.5 | N/A | ONSITE |
| **Misc. Inorganics** | | | | | | | | | | |
| pH | pH | 7.65 | N/A | C023775 | 7.52 | N/A | C023775 | 6.39 | N/A | C023775 |
| Total Organic Carbon (C) | mg/L | 1.2 | 0.50 | C025186 | 1.6 | 0.50 | C025186 | 2.2 | 0.50 | C025186 |
| Total Dissolved Solids | mg/L | 96 | 10 | C022480 | 100 | 10 | C022480 | 20 | 10 | C022480 |
| Total Suspended Solids | mg/L | 2.0 | 1.0 | C024904 | 1.6 | 1.0 | C024904 | ND | 1.0 | C024904 |
| **Lab Filtered Inorganics** | | | | | | | | | | |
| Dissolved Organic Carbon (C) | mg/L | 1.1 | 0.50 | C022446 | 0.99 | 0.50 | C022446 | 1.7 | 0.50 | C022446 |
| **Anions** | | | | | | | | | | |
| Alkalinity (PP as CaCO3) | mg/L | ND | 1.0 | C023772 | ND | 1.0 | C023772 | ND | 1.0 | C023772 |
| Alkalinity (Total as CaCO3) | mg/L | 47 | 1.0 | C023772 | 48 | 1.0 | C023772 | 7.9 | 1.0 | C023772 |
| Bicarbonate (HCO3) | mg/L | 57 | 1.0 | C023772 | 59 | 1.0 | C023772 | 9.6 | 1.0 | C023772 |
| Carbonate (CO3) | mg/L | ND | 1.0 | C023772 | ND | 1.0 | C023772 | ND | 1.0 | C023772 |
| Dissolved Fluoride (F) | mg/L | 0.16 | 0.050 | C023838 | 0.18 | 0.050 | C023500 | ND | 0.050 | C023841 |
| Hydroxide (OH) | mg/L | ND | 1.0 | C023772 | ND | 1.0 | C023772 | ND | 1.0 | C023772 |
| Total Sulphide | mg/L | ND | 0.0018 | C024903 | ND | 0.0018 | C024903 | ND | 0.0018 | C024903 |
| Chloride (Cl) | mg/L | 12 | 1.0 | C023248 | 13 | 1.0 | C023248 | ND | 1.0 | C023248 |
| Sulphate (SO4) | mg/L | 8.0 | 1.0 | C023248 | 8.3 | 1.0 | C023248 | 2.7 | 1.0 | C023248 |
| **Metals** | | | | | | | | | | |
| Total Hex. Chromium (Cr 6+) | mg/L | ND | 0.00099 | C025854 | ND | 0.00099 | C025854 | ND | 0.00099 | C025854 |

RDL = Reportable Detection Limit
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C562676
Report Date: 2025/07/29

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 | | DPB995 | | | DPB996 | | | DPB997 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:30 | | | 2025/07/15 09:50 | | | 2025/07/15 08:42 | | |
| COC Number | | 109174 | | | 109174 | | | 109174 | | |
| | UNITS | WLNG-DS | RDL | QC Batch | WLNG -EOP | RDL | QC Batch | WLNG-US | RDL | QC Batch |
| **Nutrients** | | | | | | | | | | |
| Total Ammonia (N) | mg/L | ND | 0.015 | C021043 | ND | 0.015 | C021043 | ND | 0.015 | C021043 |
| Total Phosphorus (P) | mg/L | 0.0066 | 0.0010 | C023514 | 0.0035 | 0.0010 | C023514 | 0.0078 | 0.0010 | C023514 |
| Nitrate plus Nitrite (N) | mg/L | ND | 0.020 | C022363 | ND | 0.020 | C022260 | 0.030 | 0.020 | C022267 |
| Total Nitrogen (N) | mg/L | 0.194 | 0.020 | C021915 | 0.170 | 0.020 | C021727 | 0.076 | 0.020 | C021727 |
| **Misc. Organics** | | | | | | | | | | |
| Phenols | mg/L | | | | ND | 0.0015 | C024983 | | | |
| **Rainbow Trout** | | | | | | | | | | |
| LC50 | % vol/vol | | | | ATTACHED | N/A | C023692 | | | |

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## RESULTS OF CHEMICAL ANALYSES OF WATER

| Bureau Veritas ID | | DPB998 | | DPB999 | | | DPC000 | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 14:00 | | 2025/07/15 14:20 | | | 2025/07/15 10:30 | | |
| COC Number | | 109174 | | 109174 | | | 109174 | | |
| | UNITS | SQRI-US | QC Batch | SQRI-DS | RDL | QC Batch | Field Blank | RDL | QC Batch |
| **ANIONS** | | | | | | | | | |
| Nitrite (N) | mg/L | ND | C022263 | ND | 0.0050 | C022264 | ND | 0.0050 | C022264 |
| **Calculated Parameters** | | | | | | | | | |
| Total Chromium III | mg/L | ND | C021032 | ND | 0.00099 | C021032 | ND | 0.00099 | C021032 |
| Dissolved Hardness (CaCO3) | mg/L | 9.46 | C020247 | 8.44 | 0.50 | C020247 | ND | 0.50 | C020247 |
| Total Hardness (CaCO3) | mg/L | 11.1 | C020330 | 9.93 | 0.50 | C020330 | ND | 0.50 | C020330 |
| Nitrate (N) | mg/L | ND | C020343 | ND | 0.020 | C020343 | ND | 0.020 | C020343 |
| Sulphide (as H2S) | mg/L | 0.0033 | C020940 | 0.0020 | 0.0020 | C020940 | ND | 0.0020 | C020940 |
| **Field Parameters** | | | | | | | | | |
| Field pH | pH | 6.67 | ONSITE | 7.63 | N/A | ONSITE | | | |
| Field Temperature | °C | 15 | ONSITE | 10.7 | N/A | ONSITE | | | |
| **Misc. Inorganics** | | | | | | | | | |
| pH | pH | 6.29 | C023775 | 6.26 | N/A | C023775 | 5.83 | N/A | C023775 |
| Total Organic Carbon (C) | mg/L | 0.85 | C025187 | ND | 0.50 | C025187 | ND | 0.50 | C025187 |
| Total Dissolved Solids | mg/L | 40 | C022480 | 44 | 10 | C022480 | ND | 10 | C022480 |
| Total Suspended Solids | mg/L | 130 | C024904 | 100 | 1.0 | C024904 | ND | 1.0 | C024904 |
| **Lab Filtered Inorganics** | | | | | | | | | |
| Dissolved Organic Carbon (C) | mg/L | ND | C022446 | ND | 0.50 | C022446 | ND | 0.50 | C022446 |
| **Anions** | | | | | | | | | |
| Alkalinity (PP as CaCO3) | mg/L | ND | C023772 | ND | 1.0 | C023772 | ND | 1.0 | C023772 |
| Alkalinity (Total as CaCO3) | mg/L | 8.7 | C023772 | 7.5 | 1.0 | C023772 | ND | 1.0 | C023772 |
| Bicarbonate (HCO3) | mg/L | 11 | C023772 | 9.1 | 1.0 | C023772 | ND | 1.0 | C023772 |
| Carbonate (CO3) | mg/L | ND | C023772 | ND | 1.0 | C023772 | ND | 1.0 | C023772 |
| Dissolved Fluoride (F) | mg/L | ND | C023500 | ND | 0.050 | C023500 | ND | 0.050 | C024994 |
| Hydroxide (OH) | mg/L | ND | C023772 | ND | 1.0 | C023772 | ND | 1.0 | C023772 |
| Total Sulphide | mg/L | 0.0031 | C024903 | 0.0019 | 0.0018 | C024903 | ND | 0.0018 | C024903 |
| Chloride (Cl) | mg/L | 1.0 | C023248 | ND | 1.0 | C023232 | ND | 1.0 | C021872 |
| Sulphate (SO4) | mg/L | 2.7 | C023248 | 3.0 | 1.0 | C023232 | ND | 1.0 | C021872 |
| **Metals** | | | | | | | | | |
| Total Hex. Chromium (Cr 6+) | mg/L | ND | C025854 | ND | 0.00099 | C025854 | ND | 0.00099 | C025854 |

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N/A = Not Applicable



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C562676
Report Date: 2025/07/29

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 | | DPB998 | | DPB999 | | | DPC000 | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 14:00 | | 2025/07/15 14:20 | | | 2025/07/15 10:30 | | |
| COC Number | | 109174 | | 109174 | | | 109174 | | |
| | UNITS | SQRI-US | QC Batch | SQRI-DS | RDL | QC Batch | Field Blank | RDL | QC Batch |
| **Nutrients** | | | | | | | | | |
| Total Ammonia (N) | mg/L | 0.049 | C021043 | 0.032 | 0.015 | C021043 | ND | 0.015 | C021043 |
| Total Phosphorus (P) | mg/L | 0.14 | C023514 | 0.11 | 0.0010 | C023514 | 0.0026 | 0.0010 | C023514 |
| Nitrate plus Nitrite (N) | mg/L | ND | C022260 | ND | 0.020 | C022267 | ND | 0.020 | C022267 |
| Total Nitrogen (N) | mg/L | 0.872 | C021915 | 0.046 | 0.020 | C021915 | ND | 0.020 | C021915 |

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Bureau Veritas Job #: C562676
Report Date: 2025/07/29

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 | | DPC000 | | | DPC001 | | | DPC001 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:30 | | | 2025/07/15 06:00 | | | 2025/07/15 06:00 | | |
| COC Number | | 109174 | | | 109174 | | | 109174 | | |
| | UNITS | Field Blank Lab-Dup | RDL | QC Batch | Trip Blank | RDL | QC Batch | Trip Blank Lab-Dup | RDL | QC Batch |
| **ANIONS** | | | | | | | | | | |
| Nitrite (N) | mg/L | | | | ND | 0.0050 | C022264 | | | |
| **Calculated Parameters** | | | | | | | | | | |
| Total Chromium III | mg/L | | | | ND | 0.00099 | C021032 | | | |
| Dissolved Hardness (CaCO3) | mg/L | | | | ND | 0.50 | C020247 | | | |
| Total Hardness (CaCO3) | mg/L | | | | ND | 0.50 | C020330 | | | |
| Nitrate (N) | mg/L | | | | ND | 0.020 | C020343 | | | |
| Sulphide (as H2S) | mg/L | | | | ND | 0.0020 | C020940 | | | |
| **Misc. Inorganics** | | | | | | | | | | |
| pH | pH | | | | 5.71 | N/A | C023775 | 5.69 | N/A | C023775 |
| Total Organic Carbon (C) | mg/L | ND | 0.50 | C025187 | 0.51 | 0.50 | C025187 | | | |
| Total Dissolved Solids | mg/L | ND | 10 | C022480 | ND | 10 | C022480 | | | |
| Total Suspended Solids | mg/L | | | | ND | 1.0 | C024904 | | | |
| **Lab Filtered Inorganics** | | | | | | | | | | |
| Dissolved Organic Carbon (C) | mg/L | | | | ND | 0.50 | C022446 | | | |
| **Anions** | | | | | | | | | | |
| Alkalinity (PP as CaCO3) | mg/L | | | | ND | 1.0 | C023772 | ND | 1.0 | C023772 |
| Alkalinity (Total as CaCO3) | mg/L | | | | ND | 1.0 | C023772 | ND | 1.0 | C023772 |
| Bicarbonate (HCO3) | mg/L | | | | ND | 1.0 | C023772 | ND | 1.0 | C023772 |
| Carbonate (CO3) | mg/L | | | | ND | 1.0 | C023772 | ND | 1.0 | C023772 |
| Dissolved Fluoride (F) | mg/L | | | | ND | 0.050 | C024994 | | | |
| Hydroxide (OH) | mg/L | | | | ND | 1.0 | C023772 | ND | 1.0 | C023772 |
| Total Sulphide | mg/L | | | | ND | 0.0018 | C024903 | | | |
| Chloride (Cl) | mg/L | ND | 1.0 | C021872 | ND | 1.0 | C021904 | ND | 1.0 | C021904 |
| Sulphate (SO4) | mg/L | ND | 1.0 | C021872 | ND | 1.0 | C021904 | ND | 1.0 | C021904 |
| **Metals** | | | | | | | | | | |
| Total Hex. Chromium (Cr 6+) | mg/L | | | | ND | 0.00099 | C025854 | | | |

RDL = Reportable Detection Limit
Lab-Dup = Laboratory Initiated Duplicate
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
N/A = Not Applicable



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C562676
Report Date: 2025/07/29

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 | | DPC000 | | | DPC001 | | | DPC001 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:30 | | | 2025/07/15 06:00 | | | 2025/07/15 06:00 | | |
| COC Number | | 109174 | | | 109174 | | | 109174 | | |
| | UNITS | Field Blank Lab-Dup | RDL | QC Batch | Trip Blank | RDL | QC Batch | Trip Blank Lab-Dup | RDL | QC Batch |
| **Nutrients** | | | | | | | | | | |
| Total Ammonia (N) | mg/L | | | | ND | 0.015 | C021043 | | | |
| Total Phosphorus (P) | mg/L | 0.0024 | 0.0010 | C023514 | 0.0026 | 0.0010 | C023514 | | | |
| Nitrate plus Nitrite (N) | mg/L | | | | ND | 0.020 | C022267 | | | |
| Total Nitrogen (N) | mg/L | ND | 0.020 | C021915 | 0.561 | 0.020 | C021915 | | | |

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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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 | | DPC002 | | | DPC003 | DPC004 | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:20 | | | 2025/07/15 08:38 | 2025/07/15 08:55 | | |
| COC Number | | 109174 | | | 109174 | 109174 | | |
| | UNITS | WLNG-EOP DUP | RDL | QC Batch | Q01 | Q02 | RDL | QC Batch |
| **ANIONS** | | | | | | | | |
| Nitrite (N) | mg/L | ND | 0.0050 | C022264 | ND | ND | 0.0050 | C022264 |
| **Calculated Parameters** | | | | | | | | |
| Total Chromium III | mg/L | ND | 0.00099 | C021032 | ND | ND | 0.00099 | C021032 |
| Dissolved Hardness (CaCO3) | mg/L | 50.1 | 0.50 | C020247 | 11.5 | 61.5 | 0.50 | C020247 |
| Total Hardness (CaCO3) | mg/L | 47.0 | 0.50 | C021037 | 10.6 | 61.2 | 0.50 | C021037 |
| Nitrate (N) | mg/L | ND | 0.020 | C020343 | 0.065 | 0.067 | 0.020 | C020343 |
| Sulphide (as H2S) | mg/L | ND | 0.0020 | C020940 | ND | ND | 0.0020 | C020047 |
| **Field Parameters** | | | | | | | | |
| Field pH | pH | 6.19 | N/A | ONSITE | 6.31 | 6.73 | N/A | ONSITE |
| Field Temperature | °C | 15.1 | N/A | ONSITE | 12.8 | 18.6 | N/A | ONSITE |
| **Misc. Inorganics** | | | | | | | | |
| pH | pH | 7.20 | N/A | C023775 | 6.51 | 6.37 | N/A | C023775 |
| Total Organic Carbon (C) | mg/L | 1.4 | 0.50 | C025187 | 4.2 | 16 | 0.50 | C025187 |
| Total Dissolved Solids | mg/L | 88 | 10 | C022480 | 32 | 100 | 10 | C022480 |
| Total Suspended Solids | mg/L | ND | 1.0 | C024904 | ND | ND | 1.0 | C024904 |
| **Lab Filtered Inorganics** | | | | | | | | |
| Dissolved Organic Carbon (C) | mg/L | 1.1 | 0.50 | C022446 | 1.4 | 1.6 | 0.50 | C022446 |
| **Anions** | | | | | | | | |
| Alkalinity (PP as CaCO3) | mg/L | ND | 1.0 | C023772 | ND | ND | 1.0 | C023772 |
| Alkalinity (Total as CaCO3) | mg/L | 47 | 1.0 | C023772 | 12 | 12 | 1.0 | C023772 |
| Bicarbonate (HCO3) | mg/L | 57 | 1.0 | C023772 | 15 | 15 | 1.0 | C023772 |
| Carbonate (CO3) | mg/L | ND | 1.0 | C023772 | ND | ND | 1.0 | C023772 |
| Dissolved Fluoride (F) | mg/L | 0.19 | 0.050 | C024994 | ND | ND | 0.050 | C024994 |
| Hydroxide (OH) | mg/L | ND | 1.0 | C023772 | ND | ND | 1.0 | C023772 |
| Total Sulphide | mg/L | ND | 0.0018 | C024903 | ND | ND | 0.0018 | C024903 |
| Chloride (Cl) | mg/L | 12 | 1.0 | C023232 | ND | ND | 1.0 | C023232 |
| Sulphate (SO4) | mg/L | 7.8 | 1.0 | C023232 | 1.0 | 1.1 | 1.0 | C023232 |
| **Metals** | | | | | | | | |
| Total Hex. Chromium (Cr 6+) | mg/L | ND | 0.00099 | C025854 | ND | ND | 0.00099 | C025854 |

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N/A = Not Applicable



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## RESULTS OF CHEMICAL ANALYSES OF WATER

| Bureau Veritas ID | | DPC002 | | | DPC003 | DPC004 | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:20 | | | 2025/07/15 08:38 | 2025/07/15 08:55 | | |
| COC Number | | 109174 | | | 109174 | 109174 | | |
| | UNITS | WLNG-EOP DUP | RDL | QC Batch | Q01 | Q02 | RDL | QC Batch |
| **Nutrients** | | | | | | | | |
| Total Ammonia (N) | mg/L | ND | 0.015 | C021043 | ND | 0.020 | 0.015 | C021043 |
| Total Phosphorus (P) | mg/L | 0.0044 | 0.0010 | C023514 | 0.0033 | 0.0013 | 0.0010 | C023514 |
| Nitrate plus Nitrite (N) | mg/L | ND | 0.020 | C022267 | 0.065 | 0.067 | 0.020 | C022267 |
| Total Nitrogen (N) | mg/L | 0.143 | 0.020 | C021727 | 0.123 | 0.250 | 0.020 | C021915 |
| **Misc. Organics** | | | | | | | | |
| Phenols | mg/L | ND | 0.0015 | C024983 | | | | |

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## RESULTS OF CHEMICAL ANALYSES OF WATER

| Bureau Veritas ID | | DPC004 | | | DPC005 | | | DPC005 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 08:55 | | | 2025/07/15 09:13 | | | 2025/07/15 09:13 | | |
| COC Number | | 109174 | | | 109174 | | | 109174 | | |
| | UNITS | Q02 Lab-Dup | RDL | QC Batch | Q03 | RDL | QC Batch | Q03 Lab-Dup | RDL | QC Batch |
| **ANIONS** | | | | | | | | | | |
| Nitrite (N) | mg/L | | | | ND | 0.0050 | C022264 | | | |
| **Calculated Parameters** | | | | | | | | | | |
| Total Chromium III | mg/L | | | | ND | 0.00099 | C021032 | | | |
| Dissolved Hardness (CaCO3) | mg/L | | | | 40.6 | 0.50 | C020247 | | | |
| Total Hardness (CaCO3) | mg/L | | | | 35.8 | 0.50 | C021037 | | | |
| Nitrate (N) | mg/L | | | | 0.106 | 0.020 | C020343 | | | |
| Sulphide (as H2S) | mg/L | | | | ND | 0.0020 | C020047 | | | |
| **Field Parameters** | | | | | | | | | | |
| Field pH | pH | | | | 6.7 | N/A | ONSITE | | | |
| Field Temperature | °C | | | | 13.6 | N/A | ONSITE | | | |
| **Misc. Inorganics** | | | | | | | | | | |
| pH | pH | | | | 7.42 | N/A | C023775 | | | |
| Total Organic Carbon (C) | mg/L | | | | 14 | 0.50 | C025187 | | | |
| Total Dissolved Solids | mg/L | | | | 64 | 10 | C022480 | | | |
| Total Suspended Solids | mg/L | | | | ND | 1.0 | C024904 | | | |
| **Lab Filtered Inorganics** | | | | | | | | | | |
| Dissolved Organic Carbon (C) | mg/L | | | | 2.7 | 0.50 | C022446 | | | |
| **Anions** | | | | | | | | | | |
| Alkalinity (PP as CaCO3) | mg/L | | | | ND | 1.0 | C023772 | | | |
| Alkalinity (Total as CaCO3) | mg/L | | | | 49 | 1.0 | C023772 | | | |
| Bicarbonate (HCO3) | mg/L | | | | 60 | 1.0 | C023772 | | | |
| Carbonate (CO3) | mg/L | | | | ND | 1.0 | C023772 | | | |
| Dissolved Fluoride (F) | mg/L | | | | ND | 0.050 | C024994 | | | |
| Hydroxide (OH) | mg/L | | | | ND | 1.0 | C023772 | | | |
| Total Sulphide | mg/L | | | | ND | 0.0018 | C024903 | | | |
| Chloride (Cl) | mg/L | ND | 1.0 | C023232 | 2.2 | 1.0 | C023248 | | | |
| Sulphate (SO4) | mg/L | 1.1 | 1.0 | C023232 | 2.5 | 1.0 | C023248 | | | |

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Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

Bureau Veritas Job #: C562676
Report Date: 2025/07/29

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 | | DPC004 | | | DPC005 | | | DPC005 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 08:55 | | | 2025/07/15 09:13 | | | 2025/07/15 09:13 | | |
| COC Number | | 109174 | | | 109174 | | | 109174 | | |
| | UNITS | Q02 Lab-Dup | RDL | QC Batch | Q03 | RDL | QC Batch | Q03 Lab-Dup | RDL | QC Batch |
| **Metals** | | | | | | | | | | |
| Total Hex. Chromium (Cr 6+) | mg/L | | | | 0.0021 | 0.00099 | C025854 | 0.0021 | 0.00099 | C025854 |
| **Nutrients** | | | | | | | | | | |
| Total Ammonia (N) | mg/L | | | | 0.12 | 0.015 | C021043 | | | |
| Total Phosphorus (P) | mg/L | | | | 0.0012 | 0.0010 | C023710 | | | |
| Nitrate plus Nitrite (N) | mg/L | | | | 0.106 | 0.020 | C022267 | | | |
| Total Nitrogen (N) | mg/L | | | | 0.306 | 0.020 | C021915 | | | |

RDL = Reportable Detection Limit
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## GLYCOLS BY GC-FID (WATER)

| Bureau Veritas ID | | DPB996 | DPC002 | | |
|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 09:50 | 2025/07/15 10:20 | | |
| COC Number | | 109174 | 109174 | | |
| | UNITS | WLNG -EOP | WLNG-EOP DUP | RDL | QC Batch |
| **Glycols** | | | | | |
| Ethylene Glycol | mg/L | ND | ND | 3.0 | C025009 |
| Diethylene Glycol | mg/L | ND | ND | 5.0 | C025009 |
| Triethylene Glycol | mg/L | ND | ND | 5.0 | C025009 |
| Propylene Glycol | mg/L | ND | ND | 5.0 | C025009 |
| **Surrogate Recovery (%)** | | | | | |
| Methyl Sulfone (sur.) | % | 114 | 109 | | C025009 |

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## MERCURY BY COLD VAPOR (WATER)

| Bureau Veritas ID | | DPB995 | | | DPB995 | | | DPB996 | DPB997 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:30 | | | 2025/07/15 10:30 | | | 2025/07/15 09:50 | 2025/07/15 08:42 | | |
| COC Number | | 109174 | | | 109174 | | | 109174 | 109174 | | |
| | UNITS | WLNG-DS | RDL | QC Batch | WLNG-DS Lab-Dup | RDL | QC Batch | WLNG -EOP | WLNG-US | RDL | QC Batch |
| **Elements** | | | | | | | | | | | |
| Total Mercury (Hg) | ug/L | ND | 0.0019 | C022453 | | | | ND | ND | 0.0019 | C022453 |
| **Lab Filtered Elements** | | | | | | | | | | | |
| Dissolved Mercury (Hg) | ug/L | ND | 0.0019 | C024972 | ND | 0.0019 | C024972 | ND | ND | 0.0019 | C024972 |

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 ID | | DPB998 | DPB999 | DPC000 | | DPC001 | DPC002 | DPC003 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 14:00 | 2025/07/15 14:20 | 2025/07/15 10:30 | | 2025/07/15 06:00 | 2025/07/15 10:20 | 2025/07/15 08:38 | | |
| COC Number | | 109174 | 109174 | 109174 | | 109174 | 109174 | 109174 | | |
| | UNITS | SQRI-US | SQRI-DS | Field Blank | QC Batch | Trip Blank | WLNG-EOP DUP | Q01 | RDL | QC Batch |
| **Elements** | | | | | | | | | | |
| Total Mercury (Hg) | ug/L | ND | ND | ND | C022453 | ND | ND | ND | 0.0019 | C022451 |
| **Lab Filtered Elements** | | | | | | | | | | |
| Dissolved Mercury (Hg) | ug/L | 0.0022 | ND | ND | C024972 | ND | ND | ND | 0.0019 | C024972 |

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

| Bureau Veritas ID | | DPC004 | DPC005 | | |
|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 08:55 | 2025/07/15 09:13 | | |
| COC Number | | 109174 | 109174 | | |
| | UNITS | Q02 | Q03 | RDL | QC Batch |
| **Elements** | | | | | |
| Total Mercury (Hg) | ug/L | ND | 0.0035 | 0.0019 | C022451 |
| **Lab Filtered Elements** | | | | | |
| Dissolved Mercury (Hg) | ug/L | ND | 0.0024 | 0.0019 | C024972 |

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## ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID | | DPB995 | | | DPB995 | | | DPB996 | DPB997 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:30 | | | 2025/07/15 10:30 | | | 2025/07/15 09:50 | 2025/07/15 08:42 | | |
| COC Number | | 109174 | | | 109174 | | | 109174 | 109174 | | |
| | UNITS | WLNG-DS | RDL | QC Batch | WLNG-DS Lab-Dup | RDL | QC Batch | WLNG -EOP | WLNG-US | RDL | QC Batch |
| **ANIONS** | | | | | | | | | | | |
| Bromide (Br) | mg/L | ND | 0.010 | C026926 | | | | ND | ND | 0.010 | C026926 |
| **Dissolved Metals by ICPMS** | | | | | | | | | | | |
| Dissolved Calcium (Ca) | mg/L | 18.6 | 0.050 | C020337 | | | | 18.7 | 2.88 | 0.050 | C020337 |
| Dissolved Magnesium (Mg) | mg/L | 0.860 | 0.050 | C020337 | | | | 0.883 | 0.299 | 0.050 | C020337 |
| Dissolved Potassium (K) | mg/L | 2.73 | 0.050 | C020337 | | | | 2.78 | 0.210 | 0.050 | C020337 |
| Dissolved Sodium (Na) | mg/L | 7.01 | 0.050 | C020337 | | | | 6.97 | 1.64 | 0.050 | C020337 |
| Dissolved Sulphur (S) | mg/L | ND | 3.0 | C020337 | | | | ND | ND | 3.0 | C020337 |
| **Lab Filtered Metals** | | | | | | | | | | | |
| Dissolved Aluminum (Al) | ug/L | 67.6 | 0.50 | C024101 | 66.6 | 0.50 | C024101 | 43.7 | 32.9 | 0.50 | C024101 |
| Dissolved Antimony (Sb) | ug/L | 1.03 | 0.020 | C024101 | 1.02 | 0.020 | C024101 | 1.07 | 0.031 | 0.020 | C024101 |
| Dissolved Arsenic (As) | ug/L | 1.31 | 0.020 | C024101 | 1.28 | 0.020 | C024101 | 1.28 | 0.109 | 0.020 | C024101 |
| Dissolved Barium (Ba) | ug/L | 10.0 | 0.020 | C024101 | 10.1 | 0.020 | C024101 | 9.90 | 5.39 | 0.020 | C024101 |
| Dissolved Beryllium (Be) | ug/L | ND | 0.010 | C024101 | ND | 0.010 | C024101 | ND | ND | 0.010 | C024101 |
| Dissolved Bismuth (Bi) | ug/L | ND | 0.0050 | C024101 | ND | 0.0050 | C024101 | ND | ND | 0.0050 | C024101 |
| Dissolved Boron (B) | ug/L | 18 | 10 | C024101 | 17 | 10 | C024101 | 17 | ND | 10 | C024101 |
| Dissolved Cadmium (Cd) | ug/L | 0.0289 | 0.0050 | C024101 | 0.0233 | 0.0050 | C024101 | 0.0273 | ND | 0.0050 | C024101 |
| Dissolved Cesium (Cs) | ug/L | ND | 0.050 | C024101 | ND | 0.050 | C024101 | ND | ND | 0.050 | C024101 |
| Dissolved Chromium (Cr) | ug/L | ND | 0.10 | C024101 | ND | 0.10 | C024101 | ND | ND | 0.10 | C024101 |
| Dissolved Cobalt (Co) | ug/L | 0.0652 | 0.0050 | C024101 | 0.0572 | 0.0050 | C024101 | 0.0687 | 0.0148 | 0.0050 | C024101 |
| Dissolved Copper (Cu) | ug/L | 0.092 | 0.050 | C024101 | 0.087 | 0.050 | C024101 | 0.533 | 0.623 | 0.050 | C024101 |
| Dissolved Iron (Fe) | ug/L | 2.6 | 1.0 | C024101 | 2.6 | 1.0 | C024101 | 1.6 | 28.8 | 1.0 | C024101 |
| Dissolved Lead (Pb) | ug/L | ND | 0.0050 | C024101 | ND | 0.0050 | C024101 | ND | 0.0117 | 0.0050 | C024101 |
| Dissolved Lithium (Li) | ug/L | 6.34 | 0.50 | C024101 | 6.26 | 0.50 | C024101 | 6.58 | ND | 0.50 | C024101 |
| Dissolved Manganese (Mn) | ug/L | 54.5 | 0.050 | C024101 | 55.1 | 0.050 | C024101 | 57.7 | 0.771 | 0.050 | C024101 |
| Dissolved Molybdenum (Mo) | ug/L | 23.4 | 0.050 | C024101 | 23.5 | 0.050 | C024101 | 23.9 | 0.470 | 0.050 | C024101 |
| Dissolved Nickel (Ni) | ug/L | 0.184 | 0.020 | C024101 | 0.200 | 0.020 | C024101 | 0.230 | 0.257 | 0.020 | C024101 |
| Dissolved Phosphorus (P) | ug/L | 2.6 | 2.0 | C024101 | 2.5 | 2.0 | C024101 | 2.8 | 2.9 | 2.0 | C024101 |
| Dissolved Rubidium (Rb) | ug/L | 5.55 | 0.050 | C024101 | 5.57 | 0.050 | C024101 | 5.63 | 0.537 | 0.050 | C024101 |
| Dissolved Selenium (Se) | ug/L | ND | 0.040 | C024101 | ND | 0.040 | C024101 | 0.041 | ND | 0.040 | C024101 |
| Dissolved Silicon (Si) | ug/L | 5810 | 50 | C024101 | 5780 | 50 | C024101 | 5820 | 4440 | 50 | C024101 |

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## ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID | | DPB995 | | | DPB995 | | | DPB996 | DPB997 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:30 | | | 2025/07/15 10:30 | | | 2025/07/15 09:50 | 2025/07/15 08:42 | | |
| COC Number | | 109174 | | | 109174 | | | 109174 | 109174 | | |
| | UNITS | WLNG-DS | RDL | QC Batch | WLNG-DS Lab-Dup | RDL | QC Batch | WLNG -EOP | WLNG-US | RDL | QC Batch |
| Dissolved Silver (Ag) | ug/L | ND | 0.0050 | C024101 | ND | 0.0050 | C024101 | ND | ND | 0.0050 | C024101 |
| Dissolved Strontium (Sr) | ug/L | 42.8 | 0.050 | C024101 | 43.5 | 0.050 | C024101 | 43.0 | 15.7 | 0.050 | C024101 |
| Dissolved Tellurium (Te) | ug/L | ND | 0.020 | C024101 | ND | 0.020 | C024101 | ND | ND | 0.020 | C024101 |
| Dissolved Thallium (Tl) | ug/L | 0.0179 | 0.0020 | C024101 | 0.0201 | 0.0020 | C024101 | 0.0193 | ND | 0.0020 | C024101 |
| Dissolved Thorium (Th) | ug/L | 0.0055 | 0.0050 | C024101 | ND | 0.0050 | C024101 | 0.0058 | 0.0101 | 0.0050 | C024101 |
| Dissolved Tin (Sn) | ug/L | ND | 0.20 | C024101 | ND | 0.20 | C024101 | ND | ND | 0.20 | C024101 |
| Dissolved Titanium (Ti) | ug/L | ND | 0.50 | C024101 | ND | 0.50 | C024101 | ND | ND | 0.50 | C024101 |
| Dissolved Uranium (U) | ug/L | 0.505 | 0.0020 | C024101 | 0.502 | 0.0020 | C024101 | 0.389 | 0.0496 | 0.0020 | C024101 |
| Dissolved Vanadium (V) | ug/L | ND | 0.20 | C024101 | ND | 0.20 | C024101 | ND | 0.20 | 0.20 | C024101 |
| Dissolved Zinc (Zn) | ug/L | 1.26 | 0.10 | C024101 | 1.19 | 0.10 | C024101 | 3.87 | 0.62 | 0.10 | C024101 |
| Dissolved Zirconium (Zr) | ug/L | ND | 0.10 | C024101 | ND | 0.10 | C024101 | ND | ND | 0.10 | C024101 |
| **Total Metals by ICPMS** | | | | | | | | | | | |
| Total Aluminum (Al) | ug/L | 253 | 3.0 | C023338 | | | | 108 | 47.6 | 3.0 | C023338 |
| Total Antimony (Sb) | ug/L | 1.02 | 0.020 | C023338 | | | | 1.01 | 0.030 | 0.020 | C023338 |
| Total Arsenic (As) | ug/L | 1.38 | 0.020 | C023338 | | | | 1.32 | 0.101 | 0.020 | C023338 |
| Total Barium (Ba) | ug/L | 11.4 | 0.050 | C023338 | | | | 10.0 | 5.29 | 0.050 | C023338 |
| Total Beryllium (Be) | ug/L | ND | 0.010 | C023338 | | | | ND | ND | 0.010 | C023338 |
| Total Bismuth (Bi) | ug/L | ND | 0.010 | C023338 | | | | ND | ND | 0.010 | C023338 |
| Total Boron (B) | ug/L | 17 | 10 | C023338 | | | | 17 | ND | 10 | C023338 |
| Total Cadmium (Cd) | ug/L | 0.0412 | 0.0050 | C023338 | | | | 0.0293 | 0.0059 | 0.0050 | C023338 |
| Total Cesium (Cs) | ug/L | ND | 0.050 | C023338 | | | | ND | ND | 0.050 | C023338 |
| Total Chromium (Cr) | ug/L | 0.18 | 0.10 | C023338 | | | | ND | ND | 0.10 | C023338 |
| Total Cobalt (Co) | ug/L | 0.085 | 0.010 | C023338 | | | | 0.069 | 0.018 | 0.010 | C023338 |
| Total Copper (Cu) | ug/L | 0.33 | 0.10 | C023338 | | | | 0.57 | 0.60 | 0.10 | C023338 |
| Total Iron (Fe) | ug/L | 134 | 5.0 | C023338 | | | | 31.8 | 46.0 | 5.0 | C023338 |
| Total Lead (Pb) | ug/L | 0.050 | 0.020 | C023338 | | | | 0.050 | 0.024 | 0.020 | C023338 |
| Total Lithium (Li) | ug/L | 6.45 | 0.50 | C023338 | | | | 6.57 | ND | 0.50 | C023338 |
| Total Manganese (Mn) | ug/L | 58.5 | 0.10 | C023338 | | | | 55.7 | 1.42 | 0.10 | C023338 |
| Total Molybdenum (Mo) | ug/L | 22.2 | 0.050 | C023338 | | | | 22.4 | 0.451 | 0.050 | C023338 |
| Total Nickel (Ni) | ug/L | 0.37 | 0.10 | C023338 | | | | 0.20 | 0.27 | 0.10 | C023338 |
| Total Phosphorus (P) | ug/L | 9.4 | 5.0 | C023338 | | | | 5.8 | 10.1 | 5.0 | C023338 |

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## ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID | | DPB995 | | | DPB995 | | | DPB996 | DPB997 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:30 | | | 2025/07/15 10:30 | | | 2025/07/15 09:50 | 2025/07/15 08:42 | | |
| COC Number | | 109174 | | | 109174 | | | 109174 | 109174 | | |
| | UNITS | WLNG-DS | RDL | QC Batch | WLNG-DS Lab-Dup | RDL | QC Batch | WLNG -EOP | WLNG-US | RDL | QC Batch |
| Total Rubidium (Rb) | ug/L | 6.14 | 0.050 | C023338 | | | | 5.76 | 0.523 | 0.050 | C023338 |
| Total Selenium (Se) | ug/L | ND | 0.040 | C023338 | | | | ND | ND | 0.040 | C023338 |
| Total Silicon (Si) | ug/L | 6320 | 50 | C023338 | | | | 6160 | 4530 | 50 | C023338 |
| Total Silver (Ag) | ug/L | ND | 0.010 | C023338 | | | | ND | ND | 0.010 | C023338 |
| Total Strontium (Sr) | ug/L | 41.8 | 0.050 | C023338 | | | | 41.3 | 15.4 | 0.050 | C023338 |
| Total Tellurium (Te) | ug/L | ND | 0.020 | C023338 | | | | ND | ND | 0.020 | C023338 |
| Total Thallium (Tl) | ug/L | 0.0249 | 0.0020 | C023338 | | | | 0.0216 | 0.0024 | 0.0020 | C023338 |
| Total Thorium (Th) | ug/L | ND | 0.050 | C023338 | | | | ND | ND | 0.050 | C023338 |
| Total Tin (Sn) | ug/L | ND | 0.20 | C023338 | | | | ND | ND | 0.20 | C023338 |
| Total Titanium (Ti) | ug/L | 6.1 | 2.0 | C023338 | | | | ND | ND | 2.0 | C023338 |
| Total Uranium (U) | ug/L | 0.625 | 0.0050 | C023338 | | | | 0.438 | 0.0501 | 0.0050 | C023338 |
| Total Vanadium (V) | ug/L | 0.23 | 0.20 | C023338 | | | | ND | ND | 0.20 | C023338 |
| Total Zinc (Zn) | ug/L | 2.5 | 1.0 | C023338 | | | | 3.6 | ND | 1.0 | C023338 |
| Total Zirconium (Zr) | ug/L | ND | 0.10 | C023338 | | | | ND | ND | 0.10 | C023338 |
| Total Calcium (Ca) | mg/L | 18.2 | 0.25 | C020340 | | | | 18.1 | 2.78 | 0.25 | C020340 |
| Total Magnesium (Mg) | mg/L | 0.90 | 0.25 | C020340 | | | | 0.88 | 0.31 | 0.25 | C020340 |
| Total Potassium (K) | mg/L | 2.76 | 0.25 | C020340 | | | | 2.69 | ND | 0.25 | C020340 |
| Total Sodium (Na) | mg/L | 7.27 | 0.25 | C020340 | | | | 7.05 | 1.73 | 0.25 | C020340 |
| Total Sulphur (S) | mg/L | ND | 3.0 | C020340 | | | | ND | ND | 3.0 | C020340 |

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 Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID | | DPB998 | DPB999 | | | DPC000 | DPC001 | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 14:00 | 2025/07/15 14:20 | | | 2025/07/15 10:30 | 2025/07/15 06:00 | | |
| COC Number | | 109174 | 109174 | | | 109174 | 109174 | | |
| | UNITS | SQRI-US | SQRI-DS | RDL | QC Batch | Field Blank | Trip Blank | RDL | QC Batch |
| **ANIONS** | | | | | | | | | |
| Bromide (Br) | mg/L | ND | ND | 0.010 | C026926 | ND | ND | 0.010 | C026926 |
| **Dissolved Metals by ICPMS** | | | | | | | | | |
| Dissolved Calcium (Ca) | mg/L | 3.23 | 2.88 | 0.050 | C020337 | ND | ND | 0.050 | C020337 |
| Dissolved Magnesium (Mg) | mg/L | 0.335 | 0.302 | 0.050 | C020337 | ND | ND | 0.050 | C020337 |
| Dissolved Potassium (K) | mg/L | 0.425 | 0.429 | 0.050 | C020337 | ND | ND | 0.050 | C020337 |
| Dissolved Sodium (Na) | mg/L | 1.02 | 0.892 | 0.050 | C020337 | ND | ND | 0.050 | C020337 |
| Dissolved Sulphur (S) | mg/L | ND | ND | 3.0 | C020337 | ND | ND | 3.0 | C020337 |
| **Lab Filtered Metals** | | | | | | | | | |
| Dissolved Aluminum (Al) | ug/L | 39.9 | 45.0 | 0.50 | C024101 | 0.55 | ND | 0.50 | C024101 |
| Dissolved Antimony (Sb) | ug/L | ND | ND | 0.020 | C024101 | ND | ND | 0.020 | C024101 |
| Dissolved Arsenic (As) | ug/L | 0.091 | 0.095 | 0.020 | C024101 | ND | ND | 0.020 | C024101 |
| Dissolved Barium (Ba) | ug/L | 3.47 | 3.88 | 0.020 | C024101 | 0.026 | ND | 0.020 | C024101 |
| Dissolved Beryllium (Be) | ug/L | ND | ND | 0.010 | C024101 | ND | ND | 0.010 | C024101 |
| Dissolved Bismuth (Bi) | ug/L | ND | ND | 0.0050 | C024101 | ND | ND | 0.0050 | C024101 |
| Dissolved Boron (B) | ug/L | ND | ND | 10 | C024101 | ND | ND | 10 | C024101 |
| Dissolved Cadmium (Cd) | ug/L | ND | ND | 0.0050 | C024101 | ND | ND | 0.0050 | C024101 |
| Dissolved Cesium (Cs) | ug/L | ND | ND | 0.050 | C024101 | ND | ND | 0.050 | C024101 |
| Dissolved Chromium (Cr) | ug/L | ND | ND | 0.10 | C024101 | ND | ND | 0.10 | C024101 |
| Dissolved Cobalt (Co) | ug/L | 0.0292 | 0.0287 | 0.0050 | C024101 | ND | ND | 0.0050 | C024101 |
| Dissolved Copper (Cu) | ug/L | 0.363 | 0.389 | 0.050 | C024101 | ND | ND | 0.050 | C024101 |
| Dissolved Iron (Fe) | ug/L | 25.1 | 27.9 | 1.0 | C024101 | ND | ND | 1.0 | C024101 |
| Dissolved Lead (Pb) | ug/L | 0.0089 | 0.0094 | 0.0050 | C024101 | ND | ND | 0.0050 | C024101 |
| Dissolved Lithium (Li) | ug/L | 0.58 | 0.53 | 0.50 | C024101 | ND | ND | 0.50 | C024101 |
| Dissolved Manganese (Mn) | ug/L | 5.21 | 4.97 | 0.050 | C024101 | ND | ND | 0.050 | C024101 |
| Dissolved Molybdenum (Mo) | ug/L | 0.385 | 0.349 | 0.050 | C024101 | ND | ND | 0.050 | C024101 |
| Dissolved Nickel (Ni) | ug/L | 0.069 | 0.061 | 0.020 | C024101 | ND | ND | 0.020 | C024101 |
| Dissolved Phosphorus (P) | ug/L | 5.2 | 7.0 | 2.0 | C024101 | 2.0 | ND | 2.0 | C024101 |
| Dissolved Rubidium (Rb) | ug/L | 0.628 | 0.658 | 0.050 | C024101 | ND | ND | 0.050 | C024101 |
| Dissolved Selenium (Se) | ug/L | ND | ND | 0.040 | C024101 | ND | ND | 0.040 | C024101 |
| Dissolved Silicon (Si) | ug/L | 2460 | 2010 | 50 | C024101 | ND | ND | 50 | C024101 |
| Dissolved Silver (Ag) | ug/L | ND | ND | 0.0050 | C024101 | ND | ND | 0.0050 | C024101 |

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



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID | | DPB998 | DPB999 | | | DPC000 | DPC001 | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 14:00 | 2025/07/15 14:20 | | | 2025/07/15 10:30 | 2025/07/15 06:00 | | |
| COC Number | | 109174 | 109174 | | | 109174 | 109174 | | |
| | UNITS | SQRI-US | SQRI-DS | RDL | QC Batch | Field Blank | Trip Blank | RDL | QC Batch |
| Dissolved Strontium (Sr) | ug/L | 19.2 | 16.9 | 0.050 | C024101 | ND | ND | 0.050 | C024101 |
| Dissolved Tellurium (Te) | ug/L | ND | ND | 0.020 | C024101 | ND | ND | 0.020 | C024101 |
| Dissolved Thallium (Tl) | ug/L | ND | ND | 0.0020 | C024101 | ND | ND | 0.0020 | C024101 |
| Dissolved Thorium (Th) | ug/L | 0.0061 | 0.0063 | 0.0050 | C024101 | ND | ND | 0.0050 | C024101 |
| Dissolved Tin (Sn) | ug/L | ND | ND | 0.20 | C024101 | ND | ND | 0.20 | C024101 |
| Dissolved Titanium (Ti) | ug/L | 1.21 | 1.64 | 0.50 | C024101 | ND | ND | 0.50 | C024101 |
| Dissolved Uranium (U) | ug/L | 0.0143 | 0.0141 | 0.0020 | C024101 | ND | ND | 0.0020 | C024101 |
| Dissolved Vanadium (V) | ug/L | 0.78 | 0.72 | 0.20 | C024101 | ND | ND | 0.20 | C024101 |
| Dissolved Zinc (Zn) | ug/L | 0.10 | 0.18 | 0.10 | C024101 | ND | ND | 0.10 | C024101 |
| Dissolved Zirconium (Zr) | ug/L | ND | ND | 0.10 | C024101 | ND | ND | 0.10 | C024101 |
| **Total Metals by ICPMS** | | | | | | | | | |
| Total Aluminum (Al) | ug/L | 721 | 650 | 3.0 | C023338 | ND | ND | 0.50 | C023701 |
| Total Antimony (Sb) | ug/L | ND | ND | 0.020 | C023338 | ND | ND | 0.020 | C023701 |
| Total Arsenic (As) | ug/L | 0.135 | 0.138 | 0.020 | C023338 | ND | ND | 0.020 | C023701 |
| Total Barium (Ba) | ug/L | 17.6 | 16.8 | 0.050 | C023338 | ND | ND | 0.020 | C023701 |
| Total Beryllium (Be) | ug/L | 0.017 | 0.010 | 0.010 | C023338 | ND | ND | 0.010 | C023701 |
| Total Bismuth (Bi) | ug/L | ND | ND | 0.010 | C023338 | ND | ND | 0.0050 | C023701 |
| Total Boron (B) | ug/L | ND | ND | 10 | C023338 | ND | ND | 10 | C023701 |
| Total Cadmium (Cd) | ug/L | 0.0073 | ND | 0.0050 | C023338 | ND | ND | 0.0050 | C023701 |
| Total Cesium (Cs) | ug/L | 0.058 | 0.060 | 0.050 | C023338 | ND | ND | 0.050 | C023701 |
| Total Chromium (Cr) | ug/L | 0.32 | 0.51 | 0.10 | C023338 | ND | ND | 0.10 | C023701 |
| Total Cobalt (Co) | ug/L | 0.311 | 0.299 | 0.010 | C023338 | ND | ND | 0.0050 | C023701 |
| Total Copper (Cu) | ug/L | 2.03 | 1.77 | 0.10 | C023338 | ND | ND | 0.050 | C023701 |
| Total Iron (Fe) | ug/L | 572 | 574 | 5.0 | C023338 | ND | ND | 1.0 | C023701 |
| Total Lead (Pb) | ug/L | 0.187 | 0.149 | 0.020 | C023338 | ND | ND | 0.0050 | C023701 |
| Total Lithium (Li) | ug/L | 1.05 | 0.99 | 0.50 | C023338 | ND | ND | 0.50 | C023701 |
| Total Manganese (Mn) | ug/L | 22.5 | 21.2 | 0.10 | C023338 | ND | ND | 0.050 | C023701 |
| Total Molybdenum (Mo) | ug/L | 0.382 | 0.350 | 0.050 | C023338 | ND | ND | 0.050 | C023701 |
| Total Nickel (Ni) | ug/L | 0.38 | 0.34 | 0.10 | C023338 | ND | ND | 0.020 | C023701 |
| Total Phosphorus (P) | ug/L | 89.1 | 57.4 | 5.0 | C023338 | 2.0 | ND | 2.0 | C023701 |
| Total Rubidium (Rb) | ug/L | 1.77 | 1.75 | 0.050 | C023338 | ND | ND | 0.050 | C023701 |
| Total Selenium (Se) | ug/L | ND | ND | 0.040 | C023338 | ND | ND | 0.040 | C023701 |

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



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID | | DPB998 | DPB999 | | | DPC000 | DPC001 | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 14:00 | 2025/07/15 14:20 | | | 2025/07/15 10:30 | 2025/07/15 06:00 | | |
| COC Number | | 109174 | 109174 | | | 109174 | 109174 | | |
| | UNITS | SQRI-US | SQRI-DS | RDL | QC Batch | Field Blank | Trip Blank | RDL | QC Batch |
| Total Silicon (Si) | ug/L | 3280 | 2890 | 50 | C023338 | ND | ND | 50 | C023701 |
| Total Silver (Ag) | ug/L | ND | ND | 0.010 | C023338 | ND | ND | 0.0050 | C023701 |
| Total Strontium (Sr) | ug/L | 23.7 | 20.0 | 0.050 | C023338 | ND | ND | 0.050 | C023701 |
| Total Tellurium (Te) | ug/L | ND | ND | 0.020 | C023338 | ND | ND | 0.020 | C023701 |
| Total Thallium (Tl) | ug/L | 0.0116 | 0.0100 | 0.0020 | C023338 | ND | ND | 0.0020 | C023701 |
| Total Thorium (Th) | ug/L | ND | ND | 0.050 | C023338 | ND | ND | 0.050 | C023701 |
| Total Tin (Sn) | ug/L | ND | ND | 0.20 | C023338 | ND | ND | 0.20 | C023701 |
| Total Titanium (Ti) | ug/L | 34.3 | 38.8 | 2.0 | C023338 | ND | ND | 0.50 | C023701 |
| Total Uranium (U) | ug/L | 0.0410 | 0.0367 | 0.0050 | C023338 | ND | ND | 0.0020 | C023701 |
| Total Vanadium (V) | ug/L | 1.99 | 1.85 | 0.20 | C023338 | ND | ND | 0.20 | C023701 |
| Total Zinc (Zn) | ug/L | 2.7 | 2.6 | 1.0 | C023338 | ND | ND | 0.10 | C023701 |
| Total Zirconium (Zr) | ug/L | 0.28 | 0.21 | 0.10 | C023338 | ND | ND | 0.10 | C023701 |
| Total Calcium (Ca) | mg/L | 3.48 | 3.10 | 0.25 | C020340 | ND | ND | 0.050 | C020340 |
| Total Magnesium (Mg) | mg/L | 0.59 | 0.53 | 0.25 | C020340 | ND | ND | 0.050 | C020340 |
| Total Potassium (K) | mg/L | 0.65 | 0.62 | 0.25 | C020340 | ND | ND | 0.050 | C020340 |
| Total Sodium (Na) | mg/L | 1.17 | 0.98 | 0.25 | C020340 | ND | ND | 0.050 | C020340 |
| Total Sulphur (S) | mg/L | ND | ND | 3.0 | C020340 | ND | ND | 3.0 | C020340 |

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



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID | | DPC002 | DPC003 | | DPC004 | DPC005 | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:20 | 2025/07/15 08:38 | | 2025/07/15 08:55 | 2025/07/15 09:13 | | |
| COC Number | | 109174 | 109174 | | 109174 | 109174 | | |
| | UNITS | WLNG-EOP DUP | Q01 | QC Batch | Q02 | Q03 | RDL | QC Batch |
| **ANIONS** | | | | | | | | |
| Bromide (Br) | mg/L | ND | ND | C026926 | 0.086 | 0.154 | 0.010 | C026926 |
| **Dissolved Metals by ICPMS** | | | | | | | | |
| Dissolved Calcium (Ca) | mg/L | 18.6 | 4.05 | C020337 | 22.4 | 14.4 | 0.050 | C020337 |
| Dissolved Magnesium (Mg) | mg/L | 0.879 | 0.345 | C020337 | 1.34 | 1.15 | 0.050 | C020337 |
| Dissolved Potassium (K) | mg/L | 2.68 | 0.145 | C020337 | 1.66 | 1.32 | 0.050 | C020337 |
| Dissolved Sodium (Na) | mg/L | 6.82 | 1.32 | C020337 | 7.05 | 4.96 | 0.050 | C020337 |
| Dissolved Sulphur (S) | mg/L | ND | ND | C020337 | ND | ND | 3.0 | C020337 |
| **Lab Filtered Metals** | | | | | | | | |
| Dissolved Aluminum (Al) | ug/L | 42.7 | 33.7 | C024101 | 8.88 | 17.7 | 0.50 | C024101 |
| Dissolved Antimony (Sb) | ug/L | 0.960 | 0.021 | C024101 | 0.066 | 0.034 | 0.020 | C024101 |
| Dissolved Arsenic (As) | ug/L | 1.27 | 0.044 | C024101 | 0.056 | 0.121 | 0.020 | C024101 |
| Dissolved Barium (Ba) | ug/L | 9.63 | 10.2 | C024101 | 20.7 | 14.5 | 0.020 | C024101 |
| Dissolved Beryllium (Be) | ug/L | ND | ND | C024101 | ND | ND | 0.010 | C024101 |
| Dissolved Bismuth (Bi) | ug/L | ND | ND | C024101 | ND | ND | 0.0050 | C024101 |
| Dissolved Boron (B) | ug/L | 16 | ND | C024101 | 11 | 11 | 10 | C024101 |
| Dissolved Cadmium (Cd) | ug/L | 0.0290 | 0.0113 | C024101 | 0.0108 | ND | 0.0050 | C024101 |
| Dissolved Cesium (Cs) | ug/L | ND | ND | C024101 | ND | ND | 0.050 | C024101 |
| Dissolved Chromium (Cr) | ug/L | ND | ND | C024101 | ND | ND | 0.10 | C024101 |
| Dissolved Cobalt (Co) | ug/L | 0.0566 | 0.0184 | C024101 | 0.254 | 1.03 | 0.0050 | C024101 |
| Dissolved Copper (Cu) | ug/L | 0.255 | 0.504 | C024101 | 0.323 | 0.216 | 0.050 | C024101 |
| Dissolved Iron (Fe) | ug/L | 1.5 | 5.6 | C024101 | 30.0 | 860 | 1.0 | C024101 |
| Dissolved Lead (Pb) | ug/L | ND | 0.0174 | C024101 | ND | 0.0095 | 0.0050 | C024101 |
| Dissolved Lithium (Li) | ug/L | 6.28 | ND | C024101 | 1.19 | ND | 0.50 | C024101 |
| Dissolved Manganese (Mn) | ug/L | 58.3 | 1.02 | C024101 | 150 | 282 | 0.050 | C024101 |
| Dissolved Molybdenum (Mo) | ug/L | 23.7 | 0.219 | C024101 | 2.31 | 1.72 | 0.050 | C024101 |
| Dissolved Nickel (Ni) | ug/L | 0.172 | 0.171 | C024101 | 0.291 | 0.546 | 0.020 | C024101 |
| Dissolved Phosphorus (P) | ug/L | 12.0 | 3.9 | C024101 | 2.5 | 3.0 | 2.0 | C024101 |
| Dissolved Rubidium (Rb) | ug/L | 5.49 | 0.429 | C024101 | 2.69 | 3.25 | 0.050 | C024101 |
| Dissolved Selenium (Se) | ug/L | 0.041 | ND | C024101 | ND | ND | 0.040 | C024101 |
| Dissolved Silicon (Si) | ug/L | 5710 | 3190 | C024101 | 4520 | 4970 | 50 | C024101 |
| Dissolved Silver (Ag) | ug/L | ND | ND | C024101 | ND | ND | 0.0050 | C024101 |

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



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID | | DPC002 | DPC003 | | DPC004 | DPC005 | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:20 | 2025/07/15 08:38 | | 2025/07/15 08:55 | 2025/07/15 09:13 | | |
| COC Number | | 109174 | 109174 | | 109174 | 109174 | | |
| | UNITS | WLNG-EOP DUP | Q01 | QC Batch | Q02 | Q03 | RDL | QC Batch |
| Dissolved Strontium (Sr) | ug/L | 43.6 | 17.2 | C024101 | 87.7 | 56.5 | 0.050 | C024101 |
| Dissolved Tellurium (Te) | ug/L | ND | ND | C024101 | ND | ND | 0.020 | C024101 |
| Dissolved Thallium (Tl) | ug/L | 0.0222 | 0.0025 | C024101 | 0.0030 | 0.0035 | 0.0020 | C024101 |
| Dissolved Thorium (Th) | ug/L | 0.0059 | 0.0094 | C024101 | ND | 0.0106 | 0.0050 | C024101 |
| Dissolved Tin (Sn) | ug/L | ND | ND | C024101 | ND | ND | 0.20 | C024101 |
| Dissolved Titanium (Ti) | ug/L | ND | ND | C024101 | ND | ND | 0.50 | C024101 |
| Dissolved Uranium (U) | ug/L | 0.369 | 0.0549 | C024101 | 0.717 | 0.154 | 0.0020 | C024101 |
| Dissolved Vanadium (V) | ug/L | ND | ND | C024101 | ND | ND | 0.20 | C024101 |
| Dissolved Zinc (Zn) | ug/L | 2.48 | 1.46 | C024101 | 3.29 | 0.46 | 0.10 | C024101 |
| Dissolved Zirconium (Zr) | ug/L | ND | ND | C024101 | ND | ND | 0.10 | C024101 |
| **Total Metals by ICPMS** | | | | | | | | |
| Total Aluminum (Al) | ug/L | 108 | 49.6 | C023338 | 39.7 | 43.4 | 3.0 | C027033 |
| Total Antimony (Sb) | ug/L | 0.941 | ND | C023338 | 0.064 | 0.062 | 0.020 | C027033 |
| Total Arsenic (As) | ug/L | 1.31 | 0.038 | C023338 | 0.081 | 0.144 | 0.020 | C027033 |
| Total Barium (Ba) | ug/L | 9.65 | 9.54 | C023338 | 20.6 | 13.2 | 0.050 | C027033 |
| Total Beryllium (Be) | ug/L | ND | ND | C023338 | ND | ND | 0.010 | C027033 |
| Total Bismuth (Bi) | ug/L | ND | ND | C023338 | ND | ND | 0.010 | C027033 |
| Total Boron (B) | ug/L | 16 | ND | C023338 | 12 | 10 | 10 | C027033 |
| Total Cadmium (Cd) | ug/L | 0.0277 | 0.0098 | C023338 | 0.0065 | ND | 0.0050 | C027033 |
| Total Cesium (Cs) | ug/L | ND | ND | C023338 | ND | ND | 0.050 | C027033 |
| Total Chromium (Cr) | ug/L | 0.10 | 0.53 | C023338 | ND | ND | 0.10 | C027033 |
| Total Cobalt (Co) | ug/L | 0.063 | 0.022 | C023338 | 0.289 | 0.978 | 0.010 | C027033 |
| Total Copper (Cu) | ug/L | 0.58 | 1.23 | C023338 | 0.44 | 0.57 | 0.10 | C027033 |
| Total Iron (Fe) | ug/L | 42.6 | 22.7 | C023338 | 209 | 1490 | 5.0 | C027033 |
| Total Lead (Pb) | ug/L | 0.061 | 0.045 | C023338 | 0.026 | 0.031 | 0.020 | C027033 |
| Total Lithium (Li) | ug/L | 6.24 | ND | C023338 | 1.34 | 0.55 | 0.50 | C027033 |
| Total Manganese (Mn) | ug/L | 55.4 | 1.59 | C023338 | 155 | 258 | 0.10 | C027033 |
| Total Molybdenum (Mo) | ug/L | 21.1 | 0.218 | C023338 | 2.33 | 1.45 | 0.050 | C027033 |
| Total Nickel (Ni) | ug/L | 0.26 | 0.17 | C023338 | 0.37 | 0.46 | 0.10 | C027033 |
| Total Phosphorus (P) | ug/L | 5.6 | ND | C023338 | ND | ND | 5.0 | C027033 |
| Total Rubidium (Rb) | ug/L | 5.59 | 0.426 | C023338 | 2.85 | 2.98 | 0.050 | C027033 |
| Total Selenium (Se) | ug/L | ND | ND | C023338 | ND | ND | 0.040 | C027033 |

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



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID | | DPC002 | DPC003 | | DPC004 | DPC005 | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:20 | 2025/07/15 08:38 | | 2025/07/15 08:55 | 2025/07/15 09:13 | | |
| COC Number | | 109174 | 109174 | | 109174 | 109174 | | |
| | UNITS | WLNG-EOP DUP | Q01 | QC Batch | Q02 | Q03 | RDL | QC Batch |
| Total Silicon (Si) | ug/L | 5900 | 3120 | C023338 | 4450 | 4430 | 50 | C027033 |
| Total Silver (Ag) | ug/L | ND | ND | C023338 | ND | ND | 0.010 | C027033 |
| Total Strontium (Sr) | ug/L | 40.2 | 15.6 | C023338 | 88.5 | 48.8 | 0.050 | C027033 |
| Total Tellurium (Te) | ug/L | ND | ND | C023338 | ND | ND | 0.020 | C027033 |
| Total Thallium (Tl) | ug/L | 0.0200 | 0.0023 | C023338 | 0.0037 | 0.0029 | 0.0020 | C027033 |
| Total Thorium (Th) | ug/L | ND | ND | C023338 | ND | ND | 0.050 | C027033 |
| Total Tin (Sn) | ug/L | ND | ND | C023338 | ND | ND | 0.20 | C027033 |
| Total Titanium (Ti) | ug/L | ND | ND | C023338 | ND | ND | 2.0 | C027033 |
| Total Uranium (U) | ug/L | 0.408 | 0.0603 | C023338 | 0.897 | 0.197 | 0.0050 | C027033 |
| Total Vanadium (V) | ug/L | ND | ND | C023338 | ND | ND | 0.20 | C027033 |
| Total Zinc (Zn) | ug/L | 3.8 | 1.7 | C023338 | 3.7 | 1.3 | 1.0 | C027033 |
| Total Zirconium (Zr) | ug/L | ND | ND | C023338 | ND | 0.12 | 0.10 | C027033 |
| Total Calcium (Ca) | mg/L | 17.4 | 3.70 | C020340 | 22.4 | 12.7 | 0.25 | C020340 |
| Total Magnesium (Mg) | mg/L | 0.85 | 0.34 | C020340 | 1.29 | 1.00 | 0.25 | C020340 |
| Total Potassium (K) | mg/L | 2.57 | ND | C020340 | 1.63 | 1.14 | 0.25 | C020340 |
| Total Sodium (Na) | mg/L | 6.95 | 1.29 | C020340 | 7.10 | 4.37 | 0.25 | C020340 |
| Total Sulphur (S) | mg/L | ND | ND | C020340 | ND | ND | 3.0 | C020340 |

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



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## ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| Bureau Veritas ID | | DPC005 | | |
|---|---|---|---|---|
| Sampling Date | | 2025/07/15 09:13 | | |
| COC Number | | 109174 | | |
| | UNITS | Q03 Lab-Dup | RDL | QC Batch |
| **Total Metals by ICPMS** | | | | |
| Total Aluminum (Al) | ug/L | 43.1 | 3.0 | C027033 |
| Total Antimony (Sb) | ug/L | 0.041 | 0.020 | C027033 |
| Total Arsenic (As) | ug/L | 0.148 | 0.020 | C027033 |
| Total Barium (Ba) | ug/L | 13.2 | 0.050 | C027033 |
| Total Beryllium (Be) | ug/L | ND | 0.010 | C027033 |
| Total Bismuth (Bi) | ug/L | ND | 0.010 | C027033 |
| Total Boron (B) | ug/L | 11 | 10 | C027033 |
| Total Cadmium (Cd) | ug/L | 0.0053 | 0.0050 | C027033 |
| Total Cesium (Cs) | ug/L | ND | 0.050 | C027033 |
| Total Chromium (Cr) | ug/L | ND | 0.10 | C027033 |
| Total Cobalt (Co) | ug/L | 0.990 | 0.010 | C027033 |
| Total Copper (Cu) | ug/L | 0.61 | 0.10 | C027033 |
| Total Iron (Fe) | ug/L | 1440 | 5.0 | C027033 |
| Total Lead (Pb) | ug/L | 0.031 | 0.020 | C027033 |
| Total Lithium (Li) | ug/L | 0.53 | 0.50 | C027033 |
| Total Manganese (Mn) | ug/L | 257 | 0.10 | C027033 |
| Total Molybdenum (Mo) | ug/L | 1.43 | 0.050 | C027033 |
| Total Nickel (Ni) | ug/L | 0.46 | 0.10 | C027033 |
| Total Phosphorus (P) | ug/L | 8.7 | 5.0 | C027033 |
| Total Rubidium (Rb) | ug/L | 3.04 | 0.050 | C027033 |
| Total Selenium (Se) | ug/L | ND | 0.040 | C027033 |
| Total Silicon (Si) | ug/L | 4440 | 50 | C027033 |
| Total Silver (Ag) | ug/L | ND | 0.010 | C027033 |
| Total Strontium (Sr) | ug/L | 48.5 | 0.050 | C027033 |
| Total Tellurium (Te) | ug/L | ND | 0.020 | C027033 |
| Total Thallium (Tl) | ug/L | 0.0038 | 0.0020 | C027033 |

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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## ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

| **Bureau Veritas ID** | | DPC005 | | |
|---|---|---|---|---|
| **Sampling Date** | | 2025/07/15 09:13 | | |
| **COC Number** | | 109174 | | |
| | **UNITS** | **Q03 Lab-Dup** | **RDL** | **QC Batch** |
| Total Thorium (Th) | ug/L | ND | 0.050 | C027033 |
| Total Tin (Sn) | ug/L | ND | 0.20 | C027033 |
| Total Titanium (Ti) | ug/L | ND | 2.0 | C027033 |
| Total Uranium (U) | ug/L | 0.197 | 0.0050 | C027033 |
| Total Vanadium (V) | ug/L | ND | 0.20 | C027033 |
| Total Zinc (Zn) | ug/L | 1.5 | 1.0 | C027033 |
| Total Zirconium (Zr) | ug/L | 0.22 | 0.10 | C027033 |

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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## MISCELLANEOUS (WATER)

| Bureau Veritas ID | | DPB995 | DPB996 | DPB997 | DPB998 | DPB999 | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:30 | 2025/07/15 09:50 | 2025/07/15 08:42 | 2025/07/15 14:00 | 2025/07/15 14:20 | | |
| COC Number | | 109174 | 109174 | 109174 | 109174 | 109174 | | |
| | UNITS | WLNG-DS | WLNG -EOP | WLNG-US | SQRI-US | SQRI-DS | RDL | QC Batch |
| **Calculated Parameters** | | | | | | | | |
| Total Un-ionized Hydrogen Sulfide as S | mg/L | ND | ND | ND | 0.0023 | ND | 0.0018 | C021036 |
| Total Un-ionized Hydrogen Sulfide as H2S | mg/L | ND | ND | ND | 0.0025 | ND | 0.0019 | C021036 |

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

| Bureau Veritas ID | | DPC002 | DPC003 | DPC004 | DPC005 | | |
|---|---|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 10:20 | 2025/07/15 08:38 | 2025/07/15 08:55 | 2025/07/15 09:13 | | |
| COC Number | | 109174 | 109174 | 109174 | 109174 | | |
| | UNITS | WLNG-EOP DUP | Q01 | Q02 | Q03 | RDL | QC Batch |
| **Calculated Parameters** | | | | | | | |
| Total Un-ionized Hydrogen Sulfide as S | mg/L | ND | ND | ND | ND | 0.0018 | C021036 |
| Total Un-ionized Hydrogen Sulfide as H2S | mg/L | ND | ND | ND | ND | 0.0019 | C021036 |

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



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

| Bureau Veritas ID | | DPB996 | DPC002 | | |
|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 09:50 | 2025/07/15 10:20 | | |
| COC Number | | 109174 | 109174 | | |
| | UNITS | WLNG -EOP | WLNG-EOP DUP | RDL | QC Batch |
| **Calculated Parameters** | | | | | |
| Low Molecular Weight PAH`s | ug/L | ND | ND | 0.10 | C020523 |
| High Molecular Weight PAH`s | ug/L | ND | ND | 0.050 | C020523 |
| Total PAH | ug/L | ND | ND | 0.10 | C020523 |
| **Polycyclic Aromatics** | | | | | |
| Quinoline | ug/L | ND | ND | 0.020 | C024928 |
| Naphthalene | ug/L | ND | ND | 0.10 | C024928 |
| 1-Methylnaphthalene | ug/L | ND | ND | 0.050 | C024928 |
| 2-Methylnaphthalene | ug/L | ND | ND | 0.10 | C024928 |
| Acenaphthylene | ug/L | ND | ND | 0.050 | C024928 |
| Acenaphthene | ug/L | ND | ND | 0.050 | C024928 |
| Fluorene | ug/L | ND | ND | 0.050 | C024928 |
| Phenanthrene | ug/L | ND | ND | 0.050 | C024928 |
| Anthracene | ug/L | ND | ND | 0.010 | C024928 |
| Acridine | ug/L | ND | ND | 0.050 | C024928 |
| Fluoranthene | ug/L | ND | ND | 0.020 | C024928 |
| Pyrene | ug/L | ND | ND | 0.020 | C024928 |
| Benzo(a)anthracene | ug/L | ND | ND | 0.010 | C024928 |
| Chrysene | ug/L | ND | ND | 0.020 | C024928 |
| Benzo(b&j)fluoranthene | ug/L | ND | ND | 0.030 | C024928 |
| Benzo(k)fluoranthene | ug/L | ND | ND | 0.050 | C024928 |
| Benzo(a)pyrene | ug/L | ND | ND | 0.0050 | C024928 |
| Indeno(1,2,3-cd)pyrene | ug/L | ND | ND | 0.050 | C024928 |
| Dibenz(a,h)anthracene | ug/L | ND | ND | 0.0030 | C024928 |
| Benzo(g,h,i)perylene | ug/L | ND | ND | 0.050 | C024928 |
| **Calculated Parameters** | | | | | |
| LEPH (C10-C19 less PAH) | mg/L | ND | ND | 0.20 | C020534 |
| HEPH (C19-C32 less PAH) | mg/L | ND | ND | 0.20 | C020534 |
| **Ext. Pet. Hydrocarbon** | | | | | |
| EPH (C10-C19) | mg/L | ND | ND | 0.20 | C024945 |
| EPH (C19-C32) | mg/L | ND | ND | 0.20 | C024945 |

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



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

| Bureau Veritas ID | | DPB996 | DPC002 | | |
|---|---|---|---|---|---|
| Sampling Date | | 2025/07/15 09:50 | 2025/07/15 10:20 | | |
| COC Number | | 109174 | 109174 | | |
| | UNITS | WLNG -EOP | WLNG-EOP DUP | RDL | QC Batch |
| **Surrogate Recovery (%)** | | | | | |
| O-TERPHENYL (sur.) | % | 101 | 101 | | C024945 |
| D10-ANTHRACENE (sur.) | % | 100 | 100 | | C024928 |
| D8-ACENAPHTHYLENE (sur.) | % | 87 | 86 | | C024928 |
| D8-NAPHTHALENE (sur.) | % | 75 | 76 | | C024928 |
| TERPHENYL-D14 (sur.) | % | 71 | 71 | | C024928 |
| RDL = Reportable Detection Limit | | | | | |



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## GENERAL COMMENTS

Sample DPC005 [Q03] : Total Chromium < Total Hexavalent Chromium. High Hexavalent result is likely due to matrix interference.

**Results relate only to the items tested.**



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## QUALITY ASSURANCE REPORT

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| C021043 | TSO | Matrix Spike | Total Ammonia (N) | 2025/07/17 | | 103 | % | 80 - 120 |
| C021043 | TSO | Spiked Blank | Total Ammonia (N) | 2025/07/17 | | 106 | % | 80 - 120 |
| C021043 | TSO | Method Blank | Total Ammonia (N) | 2025/07/17 | ND, RDL=0.015 | | mg/L | |
| C021043 | TSO | RPD | Total Ammonia (N) | 2025/07/17 | NC | | % | 20 |
| C021727 | GCM | Spiked Blank | Total Nitrogen (N) | 2025/07/18 | | 103 | % | 80 - 120 |
| C021727 | GCM | Method Blank | Total Nitrogen (N) | 2025/07/18 | ND, RDL=0.020 | | mg/L | |
| C021727 | GCM | RPD | Total Nitrogen (N) | 2025/07/18 | 0.64 | | % | 20 |
| C021872 | JLP | Matrix Spike [DPC000-01] | Chloride (Cl) | 2025/07/17 | | 104 | % | 80 - 120 |
| | | | Sulphate (SO4) | 2025/07/17 | | 95 | % | 80 - 120 |
| C021872 | JLP | Spiked Blank | Chloride (Cl) | 2025/07/17 | | 101 | % | 80 - 120 |
| | | | Sulphate (SO4) | 2025/07/17 | | 103 | % | 80 - 120 |
| C021872 | JLP | Method Blank | Chloride (Cl) | 2025/07/17 | ND, RDL=1.0 | | mg/L | |
| | | | Sulphate (SO4) | 2025/07/17 | ND, RDL=1.0 | | mg/L | |
| C021872 | JLP | RPD [DPC000-01] | Chloride (Cl) | 2025/07/17 | NC | | % | 20 |
| | | | Sulphate (SO4) | 2025/07/17 | NC | | % | 20 |
| C021904 | JLP | Matrix Spike [DPC001-01] | Chloride (Cl) | 2025/07/17 | | 108 | % | 80 - 120 |
| | | | Sulphate (SO4) | 2025/07/17 | | 101 | % | 80 - 120 |
| C021904 | JLP | Spiked Blank | Chloride (Cl) | 2025/07/17 | | 98 | % | 80 - 120 |
| | | | Sulphate (SO4) | 2025/07/17 | | 102 | % | 80 - 120 |
| C021904 | JLP | Method Blank | Chloride (Cl) | 2025/07/17 | ND, RDL=1.0 | | mg/L | |
| | | | Sulphate (SO4) | 2025/07/17 | ND, RDL=1.0 | | mg/L | |
| C021904 | JLP | RPD [DPC001-01] | Chloride (Cl) | 2025/07/17 | NC | | % | 20 |
| | | | Sulphate (SO4) | 2025/07/17 | NC | | % | 20 |
| C021915 | GCM | Matrix Spike [DPC000-09] | Total Nitrogen (N) | 2025/07/18 | | 112 | % | 80 - 120 |
| C021915 | GCM | Spiked Blank | Total Nitrogen (N) | 2025/07/18 | | 105 | % | 80 - 120 |
| C021915 | GCM | Method Blank | Total Nitrogen (N) | 2025/07/18 | ND, RDL=0.020 | | mg/L | |
| C021915 | GCM | RPD [DPC000-09] | Total Nitrogen (N) | 2025/07/18 | NC | | % | 20 |
| C022260 | C2L | Matrix Spike | Nitrate plus Nitrite (N) | 2025/07/17 | | NC | % | 80 - 120 |
| C022260 | C2L | Spiked Blank | Nitrate plus Nitrite (N) | 2025/07/17 | | 112 | % | 80 - 120 |
| C022260 | C2L | Method Blank | Nitrate plus Nitrite (N) | 2025/07/17 | ND, RDL=0.020 | | mg/L | |
| C022260 | C2L | RPD | Nitrate plus Nitrite (N) | 2025/07/17 | 0.42 | | % | 25 |
| C022263 | C2L | Matrix Spike | Nitrite (N) | 2025/07/17 | | 110 | % | 80 - 120 |
| C022263 | C2L | Spiked Blank | Nitrite (N) | 2025/07/17 | | 104 | % | 80 - 120 |
| C022263 | C2L | Method Blank | Nitrite (N) | 2025/07/17 | ND, RDL=0.0050 | | mg/L | |
| C022263 | C2L | RPD | Nitrite (N) | 2025/07/17 | NC | | % | 20 |
| C022264 | C2L | Matrix Spike | Nitrite (N) | 2025/07/17 | | 107 | % | 80 - 120 |
| C022264 | C2L | Spiked Blank | Nitrite (N) | 2025/07/17 | | 104 | % | 80 - 120 |
| C022264 | C2L | Method Blank | Nitrite (N) | 2025/07/17 | ND, RDL=0.0050 | | mg/L | |
| C022264 | C2L | RPD | Nitrite (N) | 2025/07/17 | NC | | % | 20 |
| C022267 | C2L | Matrix Spike | Nitrate plus Nitrite (N) | 2025/07/17 | | NC | % | 80 - 120 |
| C022267 | C2L | Spiked Blank | Nitrate plus Nitrite (N) | 2025/07/17 | | 109 | % | 80 - 120 |
| C022267 | C2L | Method Blank | Nitrate plus Nitrite (N) | 2025/07/17 | ND, RDL=0.020 | | mg/L | |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| C022267 | C2L | RPD | Nitrate plus Nitrite (N) | 2025/07/17 | 0.0017 | | % | 25 |
| C022363 | C2L | Matrix Spike | Nitrate plus Nitrite (N) | 2025/07/17 | | 114 | % | 80 - 120 |
| C022363 | C2L | Spiked Blank | Nitrate plus Nitrite (N) | 2025/07/17 | | 110 | % | 80 - 120 |
| C022363 | C2L | Method Blank | Nitrate plus Nitrite (N) | 2025/07/17 | ND, RDL=0.020 | | mg/L | |
| C022363 | C2L | RPD | Nitrate plus Nitrite (N) | 2025/07/17 | NC | | % | 25 |
| C022365 | C2L | Matrix Spike | Nitrite (N) | 2025/07/17 | | 104 | % | 80 - 120 |
| C022365 | C2L | Spiked Blank | Nitrite (N) | 2025/07/17 | | 104 | % | 80 - 120 |
| C022365 | C2L | Method Blank | Nitrite (N) | 2025/07/17 | ND, RDL=0.0050 | | mg/L | |
| C022365 | C2L | RPD | Nitrite (N) | 2025/07/17 | NC | | % | 20 |
| C022446 | CBK | Matrix Spike | Dissolved Organic Carbon (C) | 2025/07/22 | | 99 | % | 80 - 120 |
| C022446 | CBK | Spiked Blank | Dissolved Organic Carbon (C) | 2025/07/22 | | 96 | % | 80 - 120 |
| C022446 | CBK | Method Blank | Dissolved Organic Carbon (C) | 2025/07/22 | ND, RDL=0.50 | | mg/L | |
| C022446 | CBK | RPD | Dissolved Organic Carbon (C) | 2025/07/22 | 3.8 | | % | 20 |
| C022451 | IC4 | Matrix Spike | Total Mercury (Hg) | 2025/07/18 | | 100 | % | 80 - 120 |
| C022451 | IC4 | Spiked Blank | Total Mercury (Hg) | 2025/07/18 | | 97 | % | 80 - 120 |
| C022451 | IC4 | Method Blank | Total Mercury (Hg) | 2025/07/18 | ND, RDL=0.0019 | | ug/L | |
| C022451 | IC4 | RPD | Total Mercury (Hg) | 2025/07/18 | 3.1 | | % | 20 |
| C022453 | IC4 | Matrix Spike | Total Mercury (Hg) | 2025/07/18 | | 100 | % | 80 - 120 |
| C022453 | IC4 | Spiked Blank | Total Mercury (Hg) | 2025/07/18 | | 97 | % | 80 - 120 |
| C022453 | IC4 | Method Blank | Total Mercury (Hg) | 2025/07/18 | ND, RDL=0.0019 | | ug/L | |
| C022453 | IC4 | RPD | Total Mercury (Hg) | 2025/07/18 | NC | | % | 20 |
| C022480 | KA5 | Matrix Spike [DPC001-11] | Total Dissolved Solids | 2025/07/18 | | 101 | % | 80 - 120 |
| C022480 | KA5 | Spiked Blank | Total Dissolved Solids | 2025/07/18 | | 102 | % | 80 - 120 |
| C022480 | KA5 | Method Blank | Total Dissolved Solids | 2025/07/18 | ND, RDL=10 | | mg/L | |
| C022480 | KA5 | RPD [DPC000-11] | Total Dissolved Solids | 2025/07/18 | NC | | % | 20 |
| C023232 | JLP | Matrix Spike [DPC004-01] | Chloride (Cl) | 2025/07/18 | | 104 | % | 80 - 120 |
| | | | Sulphate (SO4) | 2025/07/18 | | 99 | % | 80 - 120 |
| C023232 | JLP | Spiked Blank | Chloride (Cl) | 2025/07/18 | | 101 | % | 80 - 120 |
| | | | Sulphate (SO4) | 2025/07/18 | | 103 | % | 80 - 120 |
| C023232 | JLP | Method Blank | Chloride (Cl) | 2025/07/18 | ND, RDL=1.0 | | mg/L | |
| | | | Sulphate (SO4) | 2025/07/18 | ND, RDL=1.0 | | mg/L | |
| C023232 | JLP | RPD [DPC004-01] | Chloride (Cl) | 2025/07/18 | NC | | % | 20 |
| | | | Sulphate (SO4) | 2025/07/18 | 1.5 | | % | 20 |
| C023248 | JLP | Matrix Spike | Chloride (Cl) | 2025/07/18 | | 105 | % | 80 - 120 |
| | | | Sulphate (SO4) | 2025/07/18 | | NC | % | 80 - 120 |
| C023248 | JLP | Spiked Blank | Chloride (Cl) | 2025/07/18 | | 100 | % | 80 - 120 |
| | | | Sulphate (SO4) | 2025/07/18 | | 105 | % | 80 - 120 |
| C023248 | JLP | Method Blank | Chloride (Cl) | 2025/07/18 | ND, RDL=1.0 | | mg/L | |
| | | | Sulphate (SO4) | 2025/07/18 | ND, RDL=1.0 | | mg/L | |
| C023248 | JLP | RPD | Chloride (Cl) | 2025/07/18 | NC | | % | 20 |
| | | | Sulphate (SO4) | 2025/07/18 | 1.3 | | % | 20 |
| C023338 | AA1 | Matrix Spike | Total Aluminum (Al) | 2025/07/22 | | 109 | % | 80 - 120 |
| | | | Total Antimony (Sb) | 2025/07/22 | | 104 | % | 80 - 120 |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Total Arsenic (As) | 2025/07/22 | | 109 | % | 80 - 120 |
| | | | Total Barium (Ba) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Beryllium (Be) | 2025/07/22 | | 111 | % | 80 - 120 |
| | | | Total Bismuth (Bi) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Total Boron (B) | 2025/07/22 | | 107 | % | 80 - 120 |
| | | | Total Cadmium (Cd) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Cesium (Cs) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Chromium (Cr) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Cobalt (Co) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Copper (Cu) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Iron (Fe) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Lead (Pb) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Total Lithium (Li) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Manganese (Mn) | 2025/07/22 | | 103 | % | 80 - 120 |
| | | | Total Molybdenum (Mo) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Nickel (Ni) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Phosphorus (P) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Rubidium (Rb) | 2025/07/22 | | 106 | % | 80 - 120 |
| | | | Total Selenium (Se) | 2025/07/22 | | 108 | % | 80 - 120 |
| | | | Total Silicon (Si) | 2025/07/22 | | 109 | % | 80 - 120 |
| | | | Total Silver (Ag) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Strontium (Sr) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Tellurium (Te) | 2025/07/22 | | 111 | % | 80 - 120 |
| | | | Total Thallium (Tl) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Thorium (Th) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Total Tin (Sn) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Titanium (Ti) | 2025/07/22 | | 108 | % | 80 - 120 |
| | | | Total Uranium (U) | 2025/07/22 | | 106 | % | 80 - 120 |
| | | | Total Vanadium (V) | 2025/07/22 | | 108 | % | 80 - 120 |
| | | | Total Zinc (Zn) | 2025/07/22 | | 108 | % | 80 - 120 |
| | | | Total Zirconium (Zr) | 2025/07/22 | | 106 | % | 80 - 120 |
| C023338 | AA1 | Spiked Blank | Total Aluminum (Al) | 2025/07/22 | | 108 | % | 80 - 120 |
| | | | Total Antimony (Sb) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Arsenic (As) | 2025/07/22 | | 109 | % | 80 - 120 |
| | | | Total Barium (Ba) | 2025/07/22 | | 106 | % | 80 - 120 |
| | | | Total Beryllium (Be) | 2025/07/22 | | 110 | % | 80 - 120 |
| | | | Total Bismuth (Bi) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Total Boron (B) | 2025/07/22 | | 106 | % | 80 - 120 |
| | | | Total Cadmium (Cd) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Cesium (Cs) | 2025/07/22 | | 106 | % | 80 - 120 |
| | | | Total Chromium (Cr) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Cobalt (Co) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Copper (Cu) | 2025/07/22 | | 103 | % | 80 - 120 |
| | | | Total Iron (Fe) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Lead (Pb) | 2025/07/22 | | 103 | % | 80 - 120 |
| | | | Total Lithium (Li) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Manganese (Mn) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Molybdenum (Mo) | 2025/07/22 | | 108 | % | 80 - 120 |
| | | | Total Nickel (Ni) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Phosphorus (P) | 2025/07/22 | | 103 | % | 80 - 120 |
| | | | Total Rubidium (Rb) | 2025/07/22 | | 107 | % | 80 - 120 |
| | | | Total Selenium (Se) | 2025/07/22 | | 107 | % | 80 - 120 |
| | | | Total Silicon (Si) | 2025/07/22 | | 106 | % | 80 - 120 |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Total Silver (Ag) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Strontium (Sr) | 2025/07/22 | | 108 | % | 80 - 120 |
| | | | Total Tellurium (Te) | 2025/07/22 | | 106 | % | 80 - 120 |
| | | | Total Thallium (Tl) | 2025/07/22 | | 103 | % | 80 - 120 |
| | | | Total Thorium (Th) | 2025/07/22 | | 101 | % | 80 - 120 |
| | | | Total Tin (Sn) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Total Titanium (Ti) | 2025/07/22 | | 107 | % | 80 - 120 |
| | | | Total Uranium (U) | 2025/07/22 | | 106 | % | 80 - 120 |
| | | | Total Vanadium (V) | 2025/07/22 | | 106 | % | 80 - 120 |
| | | | Total Zinc (Zn) | 2025/07/22 | | 109 | % | 80 - 120 |
| | | | Total Zirconium (Zr) | 2025/07/22 | | 106 | % | 80 - 120 |
| C023338 | AA1 | Method Blank | Total Aluminum (Al) | 2025/07/22 | ND, RDL=3.0 | | ug/L | |
| | | | Total Antimony (Sb) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Total Arsenic (As) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Total Barium (Ba) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Beryllium (Be) | 2025/07/22 | ND, RDL=0.010 | | ug/L | |
| | | | Total Bismuth (Bi) | 2025/07/22 | ND, RDL=0.010 | | ug/L | |
| | | | Total Boron (B) | 2025/07/22 | ND, RDL=10 | | ug/L | |
| | | | Total Cadmium (Cd) | 2025/07/22 | ND, RDL=0.0050 | | ug/L | |
| | | | Total Cesium (Cs) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Chromium (Cr) | 2025/07/22 | ND, RDL=0.10 | | ug/L | |
| | | | Total Cobalt (Co) | 2025/07/22 | ND, RDL=0.010 | | ug/L | |
| | | | Total Copper (Cu) | 2025/07/22 | ND, RDL=0.10 | | ug/L | |
| | | | Total Iron (Fe) | 2025/07/22 | ND, RDL=5.0 | | ug/L | |
| | | | Total Lead (Pb) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Total Lithium (Li) | 2025/07/22 | ND, RDL=0.50 | | ug/L | |
| | | | Total Manganese (Mn) | 2025/07/22 | ND, RDL=0.10 | | ug/L | |
| | | | Total Molybdenum (Mo) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Nickel (Ni) | 2025/07/22 | ND, RDL=0.10 | | ug/L | |
| | | | Total Phosphorus (P) | 2025/07/22 | ND, RDL=5.0 | | ug/L | |
| | | | Total Rubidium (Rb) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Selenium (Se) | 2025/07/22 | ND, RDL=0.040 | | ug/L | |


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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Total Silicon (Si) | 2025/07/22 | ND, RDL=50 | | ug/L | |
| | | | Total Silver (Ag) | 2025/07/22 | ND, RDL=0.010 | | ug/L | |
| | | | Total Strontium (Sr) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Tellurium (Te) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Total Thallium (Tl) | 2025/07/22 | ND, RDL=0.0020 | | ug/L | |
| | | | Total Thorium (Th) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Tin (Sn) | 2025/07/22 | ND, RDL=0.20 | | ug/L | |
| | | | Total Titanium (Ti) | 2025/07/22 | ND, RDL=2.0 | | ug/L | |
| | | | Total Uranium (U) | 2025/07/22 | ND, RDL=0.0050 | | ug/L | |
| | | | Total Vanadium (V) | 2025/07/22 | ND, RDL=0.20 | | ug/L | |
| | | | Total Zinc (Zn) | 2025/07/22 | ND, RDL=1.0 | | ug/L | |
| | | | Total Zirconium (Zr) | 2025/07/22 | ND, RDL=0.10 | | ug/L | |
| C023338 | AA1 | RPD | Total Aluminum (Al) | 2025/07/22 | 3.1 | | % | 20 |
| | | | Total Antimony (Sb) | 2025/07/22 | 5.1 | | % | 20 |
| | | | Total Arsenic (As) | 2025/07/22 | 12 | | % | 20 |
| | | | Total Barium (Ba) | 2025/07/22 | 8.3 | | % | 20 |
| | | | Total Beryllium (Be) | 2025/07/22 | NC | | % | 20 |
| | | | Total Bismuth (Bi) | 2025/07/22 | NC | | % | 20 |
| | | | Total Boron (B) | 2025/07/22 | NC | | % | 20 |
| | | | Total Cadmium (Cd) | 2025/07/22 | 5.9 | | % | 20 |
| | | | Total Chromium (Cr) | 2025/07/22 | 7.3 | | % | 20 |
| | | | Total Cobalt (Co) | 2025/07/22 | 1.3 | | % | 20 |
| | | | Total Copper (Cu) | 2025/07/22 | 6.1 | | % | 20 |
| | | | Total Iron (Fe) | 2025/07/22 | 2.1 | | % | 20 |
| | | | Total Lead (Pb) | 2025/07/22 | 19 | | % | 20 |
| | | | Total Lithium (Li) | 2025/07/22 | 9.8 | | % | 20 |
| | | | Total Manganese (Mn) | 2025/07/22 | 1.5 | | % | 20 |
| | | | Total Molybdenum (Mo) | 2025/07/22 | 0.70 | | % | 20 |
| | | | Total Nickel (Ni) | 2025/07/22 | 15 | | % | 20 |
| | | | Total Phosphorus (P) | 2025/07/22 | NC | | % | 20 |
| | | | Total Selenium (Se) | 2025/07/22 | 2.8 | | % | 20 |
| | | | Total Silicon (Si) | 2025/07/22 | NC | | % | 20 |
| | | | Total Silver (Ag) | 2025/07/22 | NC | | % | 20 |
| | | | Total Strontium (Sr) | 2025/07/22 | 0.96 | | % | 20 |
| | | | Total Thallium (Tl) | 2025/07/22 | 6.7 | | % | 20 |
| | | | Total Tin (Sn) | 2025/07/22 | NC | | % | 20 |
| | | | Total Titanium (Ti) | 2025/07/22 | NC | | % | 20 |
| | | | Total Uranium (U) | 2025/07/22 | 4.9 | | % | 20 |
| | | | Total Vanadium (V) | 2025/07/22 | NC | | % | 20 |
| | | | Total Zinc (Zn) | 2025/07/22 | 11 | | % | 20 |
| | | | Total Zirconium (Zr) | 2025/07/22 | NC | | % | 20 |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| C023500 | JAV | Matrix Spike | Dissolved Fluoride (F) | 2025/07/18 | | 98 | % | 80 - 120 |
| C023500 | JAV | Spiked Blank | Dissolved Fluoride (F) | 2025/07/18 | | 102 | % | 80 - 120 |
| C023500 | JAV | Method Blank | Dissolved Fluoride (F) | 2025/07/18 | ND, RDL=0.050 | | mg/L | |
| C023500 | JAV | RPD | Dissolved Fluoride (F) | 2025/07/18 | NC | | % | 20 |
| C023514 | CBK | Matrix Spike [DPC000-09] | Total Phosphorus (P) | 2025/07/22 | | 109 | % | N/A |
| C023514 | CBK | Spiked Blank | Total Phosphorus (P) | 2025/07/22 | | 122 (1) | % | 80 - 120 |
| C023514 | CBK | Method Blank | Total Phosphorus (P) | 2025/07/22 | ND, RDL=0.0010 | | mg/L | |
| C023514 | CBK | RPD [DPC000-09] | Total Phosphorus (P) | 2025/07/22 | 7.7 | | % | 20 |
| C023701 | AA1 | Matrix Spike | Total Aluminum (Al) | 2025/07/22 | | 95 | % | 80 - 120 |
| | | | Total Antimony (Sb) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Arsenic (As) | 2025/07/22 | | 101 | % | 80 - 120 |
| | | | Total Barium (Ba) | 2025/07/22 | | 98 | % | 80 - 120 |
| | | | Total Beryllium (Be) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Total Bismuth (Bi) | 2025/07/22 | | 96 | % | 80 - 120 |
| | | | Total Boron (B) | 2025/07/22 | | 101 | % | 80 - 120 |
| | | | Total Cadmium (Cd) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Cesium (Cs) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Chromium (Cr) | 2025/07/22 | | 97 | % | 80 - 120 |
| | | | Total Cobalt (Co) | 2025/07/22 | | 96 | % | 80 - 120 |
| | | | Total Copper (Cu) | 2025/07/22 | | 95 | % | 80 - 120 |
| | | | Total Iron (Fe) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Lead (Pb) | 2025/07/22 | | 96 | % | 80 - 120 |
| | | | Total Lithium (Li) | 2025/07/22 | | 94 | % | 80 - 120 |
| | | | Total Manganese (Mn) | 2025/07/22 | | 96 | % | 80 - 120 |
| | | | Total Molybdenum (Mo) | 2025/07/22 | | 101 | % | 80 - 120 |
| | | | Total Nickel (Ni) | 2025/07/22 | | 95 | % | 80 - 120 |
| | | | Total Phosphorus (P) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Rubidium (Rb) | 2025/07/22 | | 96 | % | 80 - 120 |
| | | | Total Selenium (Se) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Silicon (Si) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Silver (Ag) | 2025/07/22 | | 98 | % | 80 - 120 |
| | | | Total Strontium (Sr) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Tellurium (Te) | 2025/07/22 | | 101 | % | 80 - 120 |
| | | | Total Thallium (Tl) | 2025/07/22 | | 97 | % | 80 - 120 |
| | | | Total Thorium (Th) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Total Tin (Sn) | 2025/07/22 | | 98 | % | 80 - 120 |
| | | | Total Titanium (Ti) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Uranium (U) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Vanadium (V) | 2025/07/22 | | 98 | % | 80 - 120 |
| | | | Total Zinc (Zn) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Zirconium (Zr) | 2025/07/22 | | 97 | % | 80 - 120 |
| C023701 | AA1 | Spiked Blank | Total Aluminum (Al) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Total Antimony (Sb) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Total Arsenic (As) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Barium (Ba) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Total Beryllium (Be) | 2025/07/22 | | 107 | % | 80 - 120 |
| | | | Total Bismuth (Bi) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Boron (B) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Cadmium (Cd) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Total Cesium (Cs) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Chromium (Cr) | 2025/07/22 | | 101 | % | 80 - 120 |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Total Cobalt (Co) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Total Copper (Cu) | 2025/07/22 | | 98 | % | 80 - 120 |
| | | | Total Iron (Fe) | 2025/07/22 | | 101 | % | 80 - 120 |
| | | | Total Lead (Pb) | 2025/07/22 | | 98 | % | 80 - 120 |
| | | | Total Lithium (Li) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Manganese (Mn) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Total Molybdenum (Mo) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Total Nickel (Ni) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Total Phosphorus (P) | 2025/07/22 | | 101 | % | 80 - 120 |
| | | | Total Rubidium (Rb) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Total Selenium (Se) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Total Silicon (Si) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Silver (Ag) | 2025/07/22 | | 101 | % | 80 - 120 |
| | | | Total Strontium (Sr) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Tellurium (Te) | 2025/07/22 | | 106 | % | 80 - 120 |
| | | | Total Thallium (Tl) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Thorium (Th) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Total Tin (Sn) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Total Titanium (Ti) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Total Uranium (U) | 2025/07/22 | | 103 | % | 80 - 120 |
| | | | Total Vanadium (V) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Total Zinc (Zn) | 2025/07/22 | | 107 | % | 80 - 120 |
| | | | Total Zirconium (Zr) | 2025/07/22 | | 98 | % | 80 - 120 |
| C023701 | AA1 | Method Blank | Total Aluminum (Al) | 2025/07/22 | ND, RDL=0.50 | | ug/L | |
| | | | Total Antimony (Sb) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Total Arsenic (As) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Total Barium (Ba) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Total Beryllium (Be) | 2025/07/22 | ND, RDL=0.010 | | ug/L | |
| | | | Total Bismuth (Bi) | 2025/07/22 | ND, RDL=0.0050 | | ug/L | |
| | | | Total Boron (B) | 2025/07/22 | ND, RDL=10 | | ug/L | |
| | | | Total Cadmium (Cd) | 2025/07/22 | ND, RDL=0.0050 | | ug/L | |
| | | | Total Cesium (Cs) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Chromium (Cr) | 2025/07/22 | ND, RDL=0.10 | | ug/L | |
| | | | Total Cobalt (Co) | 2025/07/22 | ND, RDL=0.0050 | | ug/L | |
| | | | Total Copper (Cu) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Iron (Fe) | 2025/07/22 | ND, RDL=1.0 | | ug/L | |
| | | | Total Lead (Pb) | 2025/07/22 | 0.0050, RDL=0.0050 (2) | | ug/L | |
| | | | Total Lithium (Li) | 2025/07/22 | ND, RDL=0.50 | | ug/L | |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Total Manganese (Mn) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Molybdenum (Mo) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Nickel (Ni) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Total Phosphorus (P) | 2025/07/22 | ND, RDL=2.0 | | ug/L | |
| | | | Total Rubidium (Rb) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Selenium (Se) | 2025/07/22 | ND, RDL=0.040 | | ug/L | |
| | | | Total Silicon (Si) | 2025/07/22 | ND, RDL=50 | | ug/L | |
| | | | Total Silver (Ag) | 2025/07/22 | ND, RDL=0.0050 | | ug/L | |
| | | | Total Strontium (Sr) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Tellurium (Te) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Total Thallium (Tl) | 2025/07/22 | ND, RDL=0.0020 | | ug/L | |
| | | | Total Thorium (Th) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Total Tin (Sn) | 2025/07/22 | ND, RDL=0.20 | | ug/L | |
| | | | Total Titanium (Ti) | 2025/07/22 | ND, RDL=0.50 | | ug/L | |
| | | | Total Uranium (U) | 2025/07/22 | 0.0039, RDL=0.0020 (2) | | ug/L | |
| | | | Total Vanadium (V) | 2025/07/22 | ND, RDL=0.20 | | ug/L | |
| | | | Total Zinc (Zn) | 2025/07/22 | ND, RDL=0.10 | | ug/L | |
| | | | Total Zirconium (Zr) | 2025/07/22 | ND, RDL=0.10 | | ug/L | |
| C023701 | AA1 | RPD | Total Aluminum (Al) | 2025/07/22 | 0.90 | | % | 20 |
| | | | Total Arsenic (As) | 2025/07/22 | 7.1 | | % | 20 |
| | | | Total Cadmium (Cd) | 2025/07/22 | NC | | % | 20 |
| | | | Total Chromium (Cr) | 2025/07/22 | NC | | % | 20 |
| | | | Total Cobalt (Co) | 2025/07/22 | 1.2 | | % | 20 |
| | | | Total Copper (Cu) | 2025/07/22 | 0.42 | | % | 20 |
| | | | Total Iron (Fe) | 2025/07/22 | 0.87 | | % | 20 |
| | | | Total Lead (Pb) | 2025/07/22 | 4.0 | | % | 20 |
| | | | Total Manganese (Mn) | 2025/07/22 | 0.61 | | % | 20 |
| | | | Total Molybdenum (Mo) | 2025/07/22 | 2.2 | | % | 20 |
| | | | Total Nickel (Ni) | 2025/07/22 | 7.6 | | % | 20 |
| | | | Total Selenium (Se) | 2025/07/22 | NC | | % | 20 |
| | | | Total Thallium (Tl) | 2025/07/22 | NC | | % | 20 |
| | | | Total Uranium (U) | 2025/07/22 | 5.7 | | % | 20 |
| | | | Total Zinc (Zn) | 2025/07/22 | 0.46 | | % | 20 |
| C023710 | CBK | Matrix Spike | Total Phosphorus (P) | 2025/07/22 | | 114 | % | N/A |
| C023710 | CBK | Spiked Blank | Total Phosphorus (P) | 2025/07/22 | | 117 | % | 80 - 120 |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| C023710 | CBK | Method Blank | Total Phosphorus (P) | 2025/07/22 | ND, RDL=0.0010 | | mg/L | |
| C023710 | CBK | RPD | Total Phosphorus (P) | 2025/07/22 | NC | | % | 20 |
| C023772 | JAV | Spiked Blank | Alkalinity (Total as CaCO3) | 2025/07/19 | | 100 | % | 80 - 120 |
| C023772 | JAV | Method Blank | Alkalinity (PP as CaCO3) | 2025/07/19 | ND, RDL=1.0 | | mg/L | |
| | | | Alkalinity (Total as CaCO3) | 2025/07/19 | ND, RDL=1.0 | | mg/L | |
| | | | Bicarbonate (HCO3) | 2025/07/19 | ND, RDL=1.0 | | mg/L | |
| | | | Carbonate (CO3) | 2025/07/19 | ND, RDL=1.0 | | mg/L | |
| | | | Hydroxide (OH) | 2025/07/19 | ND, RDL=1.0 | | mg/L | |
| C023772 | JAV | RPD [DPC001-01] | Alkalinity (PP as CaCO3) | 2025/07/19 | NC | | % | 20 |
| | | | Alkalinity (Total as CaCO3) | 2025/07/19 | NC | | % | 20 |
| | | | Bicarbonate (HCO3) | 2025/07/19 | NC | | % | 20 |
| | | | Carbonate (CO3) | 2025/07/19 | NC | | % | 20 |
| | | | Hydroxide (OH) | 2025/07/19 | NC | | % | 20 |
| C023775 | JAV | Spiked Blank | pH | 2025/07/19 | | 100 | % | 97 - 103 |
| C023775 | JAV | RPD [DPC001-01] | pH | 2025/07/19 | 0.33 | | % | N/A |
| C023838 | JAV | Matrix Spike | Dissolved Fluoride (F) | 2025/07/19 | | 90 | % | 80 - 120 |
| C023838 | JAV | Spiked Blank | Dissolved Fluoride (F) | 2025/07/19 | | 95 | % | 80 - 120 |
| C023838 | JAV | Method Blank | Dissolved Fluoride (F) | 2025/07/19 | ND, RDL=0.050 | | mg/L | |
| C023838 | JAV | RPD | Dissolved Fluoride (F) | 2025/07/19 | NC | | % | 20 |
| C023841 | JAV | Matrix Spike | Dissolved Fluoride (F) | 2025/07/19 | | 100 | % | 80 - 120 |
| C023841 | JAV | Spiked Blank | Dissolved Fluoride (F) | 2025/07/19 | | 95 | % | 80 - 120 |
| C023841 | JAV | Method Blank | Dissolved Fluoride (F) | 2025/07/19 | ND, RDL=0.050 | | mg/L | |
| C023841 | JAV | RPD | Dissolved Fluoride (F) | 2025/07/19 | 3.2 | | % | 20 |
| C024101 | AA1 | Matrix Spike [DPB995-07] | Dissolved Aluminum (Al) | 2025/07/22 | | 96 | % | 80 - 120 |
| | | | Dissolved Antimony (Sb) | 2025/07/22 | | 95 | % | 80 - 120 |
| | | | Dissolved Arsenic (As) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Dissolved Barium (Ba) | 2025/07/22 | | 96 | % | 80 - 120 |
| | | | Dissolved Beryllium (Be) | 2025/07/22 | | 97 | % | 80 - 120 |
| | | | Dissolved Bismuth (Bi) | 2025/07/22 | | 93 | % | 80 - 120 |
| | | | Dissolved Boron (B) | 2025/07/22 | | 97 | % | 80 - 120 |
| | | | Dissolved Cadmium (Cd) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Dissolved Cesium (Cs) | 2025/07/22 | | 93 | % | 80 - 120 |
| | | | Dissolved Chromium (Cr) | 2025/07/22 | | 97 | % | 80 - 120 |
| | | | Dissolved Cobalt (Co) | 2025/07/22 | | 96 | % | 80 - 120 |
| | | | Dissolved Copper (Cu) | 2025/07/22 | | 95 | % | 80 - 120 |
| | | | Dissolved Iron (Fe) | 2025/07/22 | | 97 | % | 80 - 120 |
| | | | Dissolved Lead (Pb) | 2025/07/22 | | 92 | % | 80 - 120 |
| | | | Dissolved Lithium (Li) | 2025/07/22 | | 93 | % | 80 - 120 |
| | | | Dissolved Manganese (Mn) | 2025/07/22 | | NC | % | 80 - 120 |
| | | | Dissolved Molybdenum (Mo) | 2025/07/22 | | NC | % | 80 - 120 |
| | | | Dissolved Nickel (Ni) | 2025/07/22 | | 95 | % | 80 - 120 |
| | | | Dissolved Phosphorus (P) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Dissolved Rubidium (Rb) | 2025/07/22 | | NC | % | 80 - 120 |
| | | | Dissolved Selenium (Se) | 2025/07/22 | | 98 | % | 80 - 120 |
| | | | Dissolved Silicon (Si) | 2025/07/22 | | NC | % | 80 - 120 |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Dissolved Silver (Ag) | 2025/07/22 | | 97 | % | 80 - 120 |
| | | | Dissolved Strontium (Sr) | 2025/07/22 | | 98 | % | 80 - 120 |
| | | | Dissolved Tellurium (Te) | 2025/07/22 | | 95 | % | 80 - 120 |
| | | | Dissolved Thallium (Tl) | 2025/07/22 | | 95 | % | 80 - 120 |
| | | | Dissolved Thorium (Th) | 2025/07/22 | | 95 | % | 80 - 120 |
| | | | Dissolved Tin (Sn) | 2025/07/22 | | 97 | % | 80 - 120 |
| | | | Dissolved Titanium (Ti) | 2025/07/22 | | 98 | % | 80 - 120 |
| | | | Dissolved Uranium (U) | 2025/07/22 | | 98 | % | 80 - 120 |
| | | | Dissolved Vanadium (V) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Dissolved Zinc (Zn) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Dissolved Zirconium (Zr) | 2025/07/22 | | 95 | % | 80 - 120 |
| C024101 | AA1 | Spiked Blank | Dissolved Aluminum (Al) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Dissolved Antimony (Sb) | 2025/07/22 | | 103 | % | 80 - 120 |
| | | | Dissolved Arsenic (As) | 2025/07/22 | | 103 | % | 80 - 120 |
| | | | Dissolved Barium (Ba) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Dissolved Beryllium (Be) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Dissolved Bismuth (Bi) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Dissolved Boron (B) | 2025/07/22 | | 103 | % | 80 - 120 |
| | | | Dissolved Cadmium (Cd) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Dissolved Cesium (Cs) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Dissolved Chromium (Cr) | 2025/07/22 | | 103 | % | 80 - 120 |
| | | | Dissolved Cobalt (Co) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Dissolved Copper (Cu) | 2025/07/22 | | 101 | % | 80 - 120 |
| | | | Dissolved Iron (Fe) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Dissolved Lead (Pb) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Dissolved Lithium (Li) | 2025/07/22 | | 98 | % | 80 - 120 |
| | | | Dissolved Manganese (Mn) | 2025/07/22 | | 103 | % | 80 - 120 |
| | | | Dissolved Molybdenum (Mo) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Dissolved Nickel (Ni) | 2025/07/22 | | 101 | % | 80 - 120 |
| | | | Dissolved Phosphorus (P) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Dissolved Rubidium (Rb) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Dissolved Selenium (Se) | 2025/07/22 | | 104 | % | 80 - 120 |
| | | | Dissolved Silicon (Si) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Dissolved Silver (Ag) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Dissolved Strontium (Sr) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Dissolved Tellurium (Te) | 2025/07/22 | | 107 | % | 80 - 120 |
| | | | Dissolved Thallium (Tl) | 2025/07/22 | | 100 | % | 80 - 120 |
| | | | Dissolved Thorium (Th) | 2025/07/22 | | 101 | % | 80 - 120 |
| | | | Dissolved Tin (Sn) | 2025/07/22 | | 105 | % | 80 - 120 |
| | | | Dissolved Titanium (Ti) | 2025/07/22 | | 99 | % | 80 - 120 |
| | | | Dissolved Uranium (U) | 2025/07/22 | | 102 | % | 80 - 120 |
| | | | Dissolved Vanadium (V) | 2025/07/22 | | 103 | % | 80 - 120 |
| | | | Dissolved Zinc (Zn) | 2025/07/22 | | 108 | % | 80 - 120 |
| | | | Dissolved Zirconium (Zr) | 2025/07/22 | | 103 | % | 80 - 120 |
| C024101 | AA1 | Method Blank | Dissolved Aluminum (Al) | 2025/07/22 | ND, RDL=0.50 | | ug/L | |
| | | | Dissolved Antimony (Sb) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Dissolved Arsenic (As) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Dissolved Barium (Ba) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Dissolved Beryllium (Be) | 2025/07/22 | ND, RDL=0.010 | | ug/L | |
| | | | Dissolved Bismuth (Bi) | 2025/07/22 | ND, RDL=0.0050 | | ug/L | |
| | | | Dissolved Boron (B) | 2025/07/22 | ND, RDL=10 | | ug/L | |
| | | | Dissolved Cadmium (Cd) | 2025/07/22 | ND, RDL=0.0050 | | ug/L | |
| | | | Dissolved Cesium (Cs) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Dissolved Chromium (Cr) | 2025/07/22 | ND, RDL=0.10 | | ug/L | |
| | | | Dissolved Cobalt (Co) | 2025/07/22 | ND, RDL=0.0050 | | ug/L | |
| | | | Dissolved Copper (Cu) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Dissolved Iron (Fe) | 2025/07/22 | ND, RDL=1.0 | | ug/L | |
| | | | Dissolved Lead (Pb) | 2025/07/22 | ND, RDL=0.0050 | | ug/L | |
| | | | Dissolved Lithium (Li) | 2025/07/22 | ND, RDL=0.50 | | ug/L | |
| | | | Dissolved Manganese (Mn) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Dissolved Molybdenum (Mo) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Dissolved Nickel (Ni) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Dissolved Phosphorus (P) | 2025/07/22 | ND, RDL=2.0 | | ug/L | |
| | | | Dissolved Rubidium (Rb) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Dissolved Selenium (Se) | 2025/07/22 | ND, RDL=0.040 | | ug/L | |
| | | | Dissolved Silicon (Si) | 2025/07/22 | ND, RDL=50 | | ug/L | |
| | | | Dissolved Silver (Ag) | 2025/07/22 | ND, RDL=0.0050 | | ug/L | |
| | | | Dissolved Strontium (Sr) | 2025/07/22 | ND, RDL=0.050 | | ug/L | |
| | | | Dissolved Tellurium (Te) | 2025/07/22 | ND, RDL=0.020 | | ug/L | |
| | | | Dissolved Thallium (Tl) | 2025/07/22 | ND, RDL=0.0020 | | ug/L | |
| | | | Dissolved Thorium (Th) | 2025/07/22 | ND, RDL=0.0050 | | ug/L | |
| | | | Dissolved Tin (Sn) | 2025/07/22 | ND, RDL=0.20 | | ug/L | |
| | | | Dissolved Titanium (Ti) | 2025/07/22 | ND, RDL=0.50 | | ug/L | |
| | | | Dissolved Uranium (U) | 2025/07/22 | ND, RDL=0.0020 | | ug/L | |
| | | | Dissolved Vanadium (V) | 2025/07/22 | ND, RDL=0.20 | | ug/L | |


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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Dissolved Zinc (Zn) | 2025/07/22 | ND, RDL=0.10 | | ug/L | |
| | | | Dissolved Zirconium (Zr) | 2025/07/22 | ND, RDL=0.10 | | ug/L | |
| C024101 | AA1 | RPD [DPB995-07] | Dissolved Aluminum (Al) | 2025/07/22 | 1.6 | | % | 20 |
| | | | Dissolved Antimony (Sb) | 2025/07/22 | 0.94 | | % | 20 |
| | | | Dissolved Arsenic (As) | 2025/07/22 | 2.0 | | % | 20 |
| | | | Dissolved Barium (Ba) | 2025/07/22 | 0.62 | | % | 20 |
| | | | Dissolved Beryllium (Be) | 2025/07/22 | NC | | % | 20 |
| | | | Dissolved Bismuth (Bi) | 2025/07/22 | NC | | % | 20 |
| | | | Dissolved Boron (B) | 2025/07/22 | 4.1 | | % | 20 |
| | | | Dissolved Cadmium (Cd) | 2025/07/22 | NC | | % | 20 |
| | | | Dissolved Cesium (Cs) | 2025/07/22 | NC | | % | 20 |
| | | | Dissolved Chromium (Cr) | 2025/07/22 | NC | | % | 20 |
| | | | Dissolved Cobalt (Co) | 2025/07/22 | 13 | | % | 20 |
| | | | Dissolved Copper (Cu) | 2025/07/22 | 5.4 | | % | 20 |
| | | | Dissolved Iron (Fe) | 2025/07/22 | 0.027 | | % | 20 |
| | | | Dissolved Lead (Pb) | 2025/07/22 | NC | | % | 20 |
| | | | Dissolved Lithium (Li) | 2025/07/22 | 1.3 | | % | 20 |
| | | | Dissolved Manganese (Mn) | 2025/07/22 | 1.2 | | % | 20 |
| | | | Dissolved Molybdenum (Mo) | 2025/07/22 | 0.32 | | % | 20 |
| | | | Dissolved Nickel (Ni) | 2025/07/22 | 8.4 | | % | 20 |
| | | | Dissolved Phosphorus (P) | 2025/07/22 | 4.1 | | % | 20 |
| | | | Dissolved Rubidium (Rb) | 2025/07/22 | 0.50 | | % | 20 |
| | | | Dissolved Selenium (Se) | 2025/07/22 | NC | | % | 20 |
| | | | Dissolved Silicon (Si) | 2025/07/22 | 0.58 | | % | 20 |
| | | | Dissolved Silver (Ag) | 2025/07/22 | NC | | % | 20 |
| | | | Dissolved Strontium (Sr) | 2025/07/22 | 1.5 | | % | 20 |
| | | | Dissolved Tellurium (Te) | 2025/07/22 | NC | | % | 20 |
| | | | Dissolved Thallium (Tl) | 2025/07/22 | 12 | | % | 20 |
| | | | Dissolved Thorium (Th) | 2025/07/22 | 9.5 | | % | 20 |
| | | | Dissolved Tin (Sn) | 2025/07/22 | NC | | % | 20 |
| | | | Dissolved Titanium (Ti) | 2025/07/22 | NC | | % | 20 |
| | | | Dissolved Uranium (U) | 2025/07/22 | 0.56 | | % | 20 |
| | | | Dissolved Vanadium (V) | 2025/07/22 | NC | | % | 20 |
| | | | Dissolved Zinc (Zn) | 2025/07/22 | 6.0 | | % | 20 |
| | | | Dissolved Zirconium (Zr) | 2025/07/22 | NC | | % | 20 |
| C024903 | NJD | Matrix Spike | Total Sulphide | 2025/07/21 | | 93 | % | 80 - 120 |
| C024903 | NJD | Spiked Blank | Total Sulphide | 2025/07/21 | | 93 | % | 80 - 120 |
| C024903 | NJD | Method Blank | Total Sulphide | 2025/07/21 | ND, RDL=0.0018 | | mg/L | |
| C024903 | NJD | RPD | Total Sulphide | 2025/07/21 | NC | | % | 20 |
| C024904 | KA5 | Matrix Spike [DPC005-10] | Total Suspended Solids | 2025/07/22 | | 102 | % | 80 - 120 |
| C024904 | KA5 | Spiked Blank | Total Suspended Solids | 2025/07/22 | | 100 | % | 80 - 120 |
| C024904 | KA5 | Method Blank | Total Suspended Solids | 2025/07/22 | ND, RDL=1.0 | | mg/L | |
| C024904 | KA5 | RPD | Total Suspended Solids | 2025/07/22 | 20 | | % | 20 |
| C024928 | MDW | Spiked Blank | D10-ANTHRACENE (sur.) | 2025/07/21 | | 101 | % | 50 - 140 |
| | | | D8-ACENAPHTHYLENE (sur.) | 2025/07/21 | | 89 | % | 50 - 140 |
| | | | D8-NAPHTHALENE (sur.) | 2025/07/21 | | 73 | % | 50 - 140 |
| | | | TERPHENYL-D14 (sur.) | 2025/07/21 | | 87 | % | 50 - 140 |
| | | | Quinoline | 2025/07/21 | | 106 | % | 50 - 140 |
| | | | Naphthalene | 2025/07/21 | | 76 | % | 50 - 140 |



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| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | 1-Methylnaphthalene | 2025/07/21 | | 77 | % | 50 - 140 |
| | | | 2-Methylnaphthalene | 2025/07/21 | | 73 | % | 50 - 140 |
| | | | Acenaphthylene | 2025/07/21 | | 86 | % | 50 - 140 |
| | | | Acenaphthene | 2025/07/21 | | 84 | % | 50 - 140 |
| | | | Fluorene | 2025/07/21 | | 87 | % | 50 - 140 |
| | | | Phenanthrene | 2025/07/21 | | 91 | % | 50 - 140 |
| | | | Anthracene | 2025/07/21 | | 92 | % | 50 - 140 |
| | | | Acridine | 2025/07/21 | | 95 | % | 50 - 140 |
| | | | Fluoranthene | 2025/07/21 | | 64 | % | 50 - 140 |
| | | | Pyrene | 2025/07/21 | | 60 | % | 50 - 140 |
| | | | Benzo(a)anthracene | 2025/07/21 | | 98 | % | 50 - 140 |
| | | | Chrysene | 2025/07/21 | | 88 | % | 50 - 140 |
| | | | Benzo(b&j)fluoranthene | 2025/07/21 | | 94 | % | 50 - 140 |
| | | | Benzo(k)fluoranthene | 2025/07/21 | | 105 | % | 50 - 140 |
| | | | Benzo(a)pyrene | 2025/07/21 | | 90 | % | 50 - 140 |
| | | | Indeno(1,2,3-cd)pyrene | 2025/07/21 | | 92 | % | 50 - 140 |
| | | | Dibenz(a,h)anthracene | 2025/07/21 | | 91 | % | 50 - 140 |
| | | | Benzo(g,h,i)perylene | 2025/07/21 | | 87 | % | 50 - 140 |
| C024928 | MDW | Method Blank | D10-ANTHRACENE (sur.) | 2025/07/21 | | 101 | % | 50 - 140 |
| | | | D8-ACENAPHTHYLENE (sur.) | 2025/07/21 | | 89 | % | 50 - 140 |
| | | | D8-NAPHTHALENE (sur.) | 2025/07/21 | | 76 | % | 50 - 140 |
| | | | TERPHENYL-D14 (sur.) | 2025/07/21 | | 66 | % | 50 - 140 |
| | | | Quinoline | 2025/07/21 | ND, RDL=0.020 | | ug/L | |
| | | | Naphthalene | 2025/07/21 | ND, RDL=0.10 | | ug/L | |
| | | | 1-Methylnaphthalene | 2025/07/21 | ND, RDL=0.050 | | ug/L | |
| | | | 2-Methylnaphthalene | 2025/07/21 | ND, RDL=0.10 | | ug/L | |
| | | | Acenaphthylene | 2025/07/21 | ND, RDL=0.050 | | ug/L | |
| | | | Acenaphthene | 2025/07/21 | ND, RDL=0.050 | | ug/L | |
| | | | Fluorene | 2025/07/21 | ND, RDL=0.050 | | ug/L | |
| | | | Phenanthrene | 2025/07/21 | ND, RDL=0.050 | | ug/L | |
| | | | Anthracene | 2025/07/21 | ND, RDL=0.010 | | ug/L | |
| | | | Acridine | 2025/07/21 | ND, RDL=0.050 | | ug/L | |
| | | | Fluoranthene | 2025/07/21 | ND, RDL=0.020 | | ug/L | |
| | | | Pyrene | 2025/07/21 | ND, RDL=0.020 | | ug/L | |
| | | | Benzo(a)anthracene | 2025/07/21 | ND, RDL=0.010 | | ug/L | |
| | | | Chrysene | 2025/07/21 | ND, RDL=0.020 | | ug/L | |
| | | | Benzo(b&j)fluoranthene | 2025/07/21 | ND, RDL=0.030 | | ug/L | |
| | | | Benzo(k)fluoranthene | 2025/07/21 | ND, RDL=0.050 | | ug/L | |



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| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Benzo(a)pyrene | 2025/07/21 | ND, RDL=0.0050 | | ug/L | |
| | | | Indeno(1,2,3-cd)pyrene | 2025/07/21 | ND, RDL=0.050 | | ug/L | |
| | | | Dibenz(a,h)anthracene | 2025/07/21 | ND, RDL=0.0030 | | ug/L | |
| | | | Benzo(g,h,i)perylene | 2025/07/21 | ND, RDL=0.050 | | ug/L | |
| C024945 | IT1 | Spiked Blank | O-TERPHENYL (sur.) | 2025/07/22 | | 100 | % | 60 - 140 |
| | | | EPH (C10-C19) | 2025/07/22 | | 90 | % | 70 - 130 |
| | | | EPH (C19-C32) | 2025/07/22 | | 109 | % | 70 - 130 |
| C024945 | IT1 | Method Blank | O-TERPHENYL (sur.) | 2025/07/21 | | 105 | % | 60 - 140 |
| | | | EPH (C10-C19) | 2025/07/21 | ND, RDL=0.20 | | mg/L | |
| | | | EPH (C19-C32) | 2025/07/21 | ND, RDL=0.20 | | mg/L | |
| C024972 | IC4 | Matrix Spike [DPB995-03] | Dissolved Mercury (Hg) | 2025/07/21 | | 110 | % | 80 - 120 |
| C024972 | IC4 | Spiked Blank | Dissolved Mercury (Hg) | 2025/07/21 | | 110 | % | 80 - 120 |
| C024972 | IC4 | Method Blank | Dissolved Mercury (Hg) | 2025/07/21 | ND, RDL=0.0019 | | ug/L | |
| C024972 | IC4 | RPD [DPB995-03] | Dissolved Mercury (Hg) | 2025/07/21 | NC | | % | 20 |
| C024983 | MDO | Matrix Spike | Phenols | 2025/07/21 | | 112 | % | 80 - 120 |
| C024983 | MDO | Spiked Blank | Phenols | 2025/07/21 | | 101 | % | 80 - 120 |
| C024983 | MDO | Method Blank | Phenols | 2025/07/21 | ND, RDL=0.0015 | | mg/L | |
| C024983 | MDO | RPD | Phenols | 2025/07/21 | NC | | % | 20 |
| C024994 | JAV | Matrix Spike | Dissolved Fluoride (F) | 2025/07/21 | | 101 | % | 80 - 120 |
| C024994 | JAV | Spiked Blank | Dissolved Fluoride (F) | 2025/07/21 | | 103 | % | 80 - 120 |
| C024994 | JAV | Method Blank | Dissolved Fluoride (F) | 2025/07/21 | ND, RDL=0.050 | | mg/L | |
| C024994 | JAV | RPD | Dissolved Fluoride (F) | 2025/07/21 | 0.91 | | % | 20 |
| C025009 | AAX | Matrix Spike [DPB996-04] | Methyl Sulfone (sur.) | 2025/07/22 | | 102 | % | 50 - 140 |
| | | | Ethylene Glycol | 2025/07/22 | | 97 | % | 60 - 140 |
| | | | Diethylene Glycol | 2025/07/22 | | 113 | % | 60 - 140 |
| | | | Triethylene Glycol | 2025/07/22 | | 111 | % | 60 - 140 |
| | | | Propylene Glycol | 2025/07/22 | | 95 | % | 60 - 140 |
| C025009 | AAX | Spiked Blank | Methyl Sulfone (sur.) | 2025/07/21 | | 109 | % | 50 - 140 |
| | | | Ethylene Glycol | 2025/07/21 | | 110 | % | 70 - 130 |
| | | | Diethylene Glycol | 2025/07/21 | | 125 | % | 70 - 130 |
| | | | Triethylene Glycol | 2025/07/21 | | 115 | % | 70 - 130 |
| | | | Propylene Glycol | 2025/07/21 | | 107 | % | 70 - 130 |
| C025009 | AAX | Method Blank | Methyl Sulfone (sur.) | 2025/07/21 | | 99 | % | 50 - 140 |
| | | | Ethylene Glycol | 2025/07/21 | ND, RDL=3.0 | | mg/L | |
| | | | Diethylene Glycol | 2025/07/21 | ND, RDL=5.0 | | mg/L | |
| | | | Triethylene Glycol | 2025/07/21 | ND, RDL=5.0 | | mg/L | |
| | | | Propylene Glycol | 2025/07/21 | ND, RDL=5.0 | | mg/L | |
| C025009 | AAX | RPD | Ethylene Glycol | 2025/07/22 | 1.4 | | % | 30 |
| | | | Diethylene Glycol | 2025/07/22 | 2.1 | | % | 30 |
| | | | Triethylene Glycol | 2025/07/22 | 0.28 | | % | 30 |



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Propylene Glycol | 2025/07/22 | NC | | % | 30 |
| C025186 | CBK | Matrix Spike | Total Organic Carbon (C) | 2025/07/21 | | 103 | % | 80 - 120 |
| C025186 | CBK | Spiked Blank | Total Organic Carbon (C) | 2025/07/21 | | 103 | % | 80 - 120 |
| C025186 | CBK | Method Blank | Total Organic Carbon (C) | 2025/07/21 | ND, RDL=0.50 | | mg/L | |
| C025186 | CBK | RPD | Total Organic Carbon (C) | 2025/07/21 | 3.3 | | % | 20 |
| C025187 | CBK | Matrix Spike [DPC000-09] | Total Organic Carbon (C) | 2025/07/22 | | 109 | % | 80 - 120 |
| C025187 | CBK | Spiked Blank | Total Organic Carbon (C) | 2025/07/22 | | 108 | % | 80 - 120 |
| C025187 | CBK | Method Blank | Total Organic Carbon (C) | 2025/07/22 | ND, RDL=0.50 | | mg/L | |
| C025187 | CBK | RPD [DPC000-09] | Total Organic Carbon (C) | 2025/07/22 | NC | | % | 20 |
| C025854 | BB3 | Matrix Spike [DPC005-02] | Total Hex. Chromium (Cr 6+) | 2025/07/22 | | 82 | % | 80 - 120 |
| C025854 | BB3 | Spiked Blank | Total Hex. Chromium (Cr 6+) | 2025/07/22 | | 106 | % | 80 - 120 |
| C025854 | BB3 | Method Blank | Total Hex. Chromium (Cr 6+) | 2025/07/22 | ND, RDL=0.00099 | | mg/L | |
| C025854 | BB3 | RPD [DPC005-02] | Total Hex. Chromium (Cr 6+) | 2025/07/22 | 0.47 | | % | 20 |
| C026926 | SOM | Matrix Spike | Bromide (Br) | 2025/07/23 | | 107 | % | 78 - 120 |
| C026926 | SOM | Spiked Blank | Bromide (Br) | 2025/07/23 | | 104 | % | 80 - 120 |
| C026926 | SOM | Method Blank | Bromide (Br) | 2025/07/23 | ND, RDL=0.010 | | mg/L | |
| C026926 | SOM | RPD | Bromide (Br) | 2025/07/23 | NC | | % | 20 |
| C027033 | AA1 | Matrix Spike | Total Aluminum (Al) | 2025/07/23 | | 98 | % | 80 - 120 |
| | | | Total Antimony (Sb) | 2025/07/23 | | 99 | % | 80 - 120 |
| | | | Total Arsenic (As) | 2025/07/23 | | 102 | % | 80 - 120 |
| | | | Total Barium (Ba) | 2025/07/23 | | 97 | % | 80 - 120 |
| | | | Total Beryllium (Be) | 2025/07/23 | | 102 | % | 80 - 120 |
| | | | Total Bismuth (Bi) | 2025/07/23 | | 91 | % | 80 - 120 |
| | | | Total Boron (B) | 2025/07/23 | | 104 | % | 80 - 120 |
| | | | Total Cadmium (Cd) | 2025/07/23 | | 101 | % | 80 - 120 |
| | | | Total Cesium (Cs) | 2025/07/23 | | 98 | % | 80 - 120 |
| | | | Total Chromium (Cr) | 2025/07/23 | | 98 | % | 80 - 120 |
| | | | Total Cobalt (Co) | 2025/07/23 | | 92 | % | 80 - 120 |
| | | | Total Copper (Cu) | 2025/07/23 | | 90 | % | 80 - 120 |
| | | | Total Iron (Fe) | 2025/07/23 | | 103 | % | 80 - 120 |
| | | | Total Lead (Pb) | 2025/07/23 | | 93 | % | 80 - 120 |
| | | | Total Lithium (Li) | 2025/07/23 | | 102 | % | 80 - 120 |
| | | | Total Manganese (Mn) | 2025/07/23 | | 99 | % | 80 - 120 |
| | | | Total Molybdenum (Mo) | 2025/07/23 | | 101 | % | 80 - 120 |
| | | | Total Nickel (Ni) | 2025/07/23 | | 94 | % | 80 - 120 |
| | | | Total Phosphorus (P) | 2025/07/23 | | 101 | % | 80 - 120 |
| | | | Total Rubidium (Rb) | 2025/07/23 | | NC | % | 80 - 120 |
| | | | Total Selenium (Se) | 2025/07/23 | | 101 | % | 80 - 120 |
| | | | Total Silicon (Si) | 2025/07/23 | | 94 | % | 80 - 120 |
| | | | Total Silver (Ag) | 2025/07/23 | | 100 | % | 80 - 120 |
| | | | Total Strontium (Sr) | 2025/07/23 | | 102 | % | 80 - 120 |
| | | | Total Tellurium (Te) | 2025/07/23 | | 97 | % | 80 - 120 |
| | | | Total Thallium (Tl) | 2025/07/23 | | 92 | % | 80 - 120 |
| | | | Total Thorium (Th) | 2025/07/23 | | 71 (1) | % | 80 - 120 |
| | | | Total Tin (Sn) | 2025/07/23 | | 95 | % | 80 - 120 |
| | | | Total Titanium (Ti) | 2025/07/23 | | 100 | % | 80 - 120 |
| | | | Total Uranium (U) | 2025/07/23 | | 96 | % | 80 - 120 |
| | | | Total Vanadium (V) | 2025/07/23 | | 101 | % | 80 - 120 |
| | | | Total Zinc (Zn) | 2025/07/23 | | 98 | % | 80 - 120 |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Total Zirconium (Zr) | 2025/07/23 | | 67 (1) | % | 80 - 120 |
| C027033 | AA1 | Spiked Blank | Total Aluminum (Al) | 2025/07/23 | | 100 | % | 80 - 120 |
| | | | Total Antimony (Sb) | 2025/07/23 | | 100 | % | 80 - 120 |
| | | | Total Arsenic (As) | 2025/07/23 | | 101 | % | 80 - 120 |
| | | | Total Barium (Ba) | 2025/07/23 | | 99 | % | 80 - 120 |
| | | | Total Beryllium (Be) | 2025/07/23 | | 102 | % | 80 - 120 |
| | | | Total Bismuth (Bi) | 2025/07/23 | | 95 | % | 80 - 120 |
| | | | Total Boron (B) | 2025/07/23 | | 103 | % | 80 - 120 |
| | | | Total Cadmium (Cd) | 2025/07/23 | | 100 | % | 80 - 120 |
| | | | Total Cesium (Cs) | 2025/07/23 | | 101 | % | 80 - 120 |
| | | | Total Chromium (Cr) | 2025/07/23 | | 101 | % | 80 - 120 |
| | | | Total Cobalt (Co) | 2025/07/23 | | 96 | % | 80 - 120 |
| | | | Total Copper (Cu) | 2025/07/23 | | 95 | % | 80 - 120 |
| | | | Total Iron (Fe) | 2025/07/23 | | 103 | % | 80 - 120 |
| | | | Total Lead (Pb) | 2025/07/23 | | 95 | % | 80 - 120 |
| | | | Total Lithium (Li) | 2025/07/23 | | 102 | % | 80 - 120 |
| | | | Total Manganese (Mn) | 2025/07/23 | | 101 | % | 80 - 120 |
| | | | Total Molybdenum (Mo) | 2025/07/23 | | 100 | % | 80 - 120 |
| | | | Total Nickel (Ni) | 2025/07/23 | | 99 | % | 80 - 120 |
| | | | Total Phosphorus (P) | 2025/07/23 | | 99 | % | 80 - 120 |
| | | | Total Rubidium (Rb) | 2025/07/23 | | 104 | % | 80 - 120 |
| | | | Total Selenium (Se) | 2025/07/23 | | 104 | % | 80 - 120 |
| | | | Total Silicon (Si) | 2025/07/23 | | 102 | % | 80 - 120 |
| | | | Total Silver (Ag) | 2025/07/23 | | 98 | % | 80 - 120 |
| | | | Total Strontium (Sr) | 2025/07/23 | | 99 | % | 80 - 120 |
| | | | Total Tellurium (Te) | 2025/07/23 | | 98 | % | 80 - 120 |
| | | | Total Thallium (Tl) | 2025/07/23 | | 95 | % | 80 - 120 |
| | | | Total Thorium (Th) | 2025/07/23 | | 93 | % | 80 - 120 |
| | | | Total Tin (Sn) | 2025/07/23 | | 97 | % | 80 - 120 |
| | | | Total Titanium (Ti) | 2025/07/23 | | 102 | % | 80 - 120 |
| | | | Total Uranium (U) | 2025/07/23 | | 92 | % | 80 - 120 |
| | | | Total Vanadium (V) | 2025/07/23 | | 101 | % | 80 - 120 |
| | | | Total Zinc (Zn) | 2025/07/23 | | 106 | % | 80 - 120 |
| | | | Total Zirconium (Zr) | 2025/07/23 | | 99 | % | 80 - 120 |
| C027033 | AA1 | Method Blank | Total Aluminum (Al) | 2025/07/23 | ND, RDL=3.0 | | ug/L | |
| | | | Total Antimony (Sb) | 2025/07/23 | ND, RDL=0.020 | | ug/L | |
| | | | Total Arsenic (As) | 2025/07/23 | 0.028, RDL=0.020 (2) | | ug/L | |
| | | | Total Barium (Ba) | 2025/07/23 | ND, RDL=0.050 | | ug/L | |
| | | | Total Beryllium (Be) | 2025/07/23 | ND, RDL=0.010 | | ug/L | |
| | | | Total Bismuth (Bi) | 2025/07/23 | ND, RDL=0.010 | | ug/L | |
| | | | Total Boron (B) | 2025/07/23 | ND, RDL=10 | | ug/L | |
| | | | Total Cadmium (Cd) | 2025/07/23 | ND, RDL=0.0050 | | ug/L | |
| | | | Total Cesium (Cs) | 2025/07/23 | ND, RDL=0.050 | | ug/L | |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Total Chromium (Cr) | 2025/07/23 | ND, RDL=0.10 | | ug/L | |
| | | | Total Cobalt (Co) | 2025/07/23 | ND, RDL=0.010 | | ug/L | |
| | | | Total Copper (Cu) | 2025/07/23 | ND, RDL=0.10 | | ug/L | |
| | | | Total Iron (Fe) | 2025/07/23 | ND, RDL=5.0 | | ug/L | |
| | | | Total Lead (Pb) | 2025/07/23 | ND, RDL=0.020 | | ug/L | |
| | | | Total Lithium (Li) | 2025/07/23 | ND, RDL=0.50 | | ug/L | |
| | | | Total Manganese (Mn) | 2025/07/23 | ND, RDL=0.10 | | ug/L | |
| | | | Total Molybdenum (Mo) | 2025/07/23 | ND, RDL=0.050 | | ug/L | |
| | | | Total Nickel (Ni) | 2025/07/23 | ND, RDL=0.10 | | ug/L | |
| | | | Total Phosphorus (P) | 2025/07/23 | ND, RDL=5.0 | | ug/L | |
| | | | Total Rubidium (Rb) | 2025/07/23 | ND, RDL=0.050 | | ug/L | |
| | | | Total Selenium (Se) | 2025/07/23 | ND, RDL=0.040 | | ug/L | |
| | | | Total Silicon (Si) | 2025/07/23 | ND, RDL=50 | | ug/L | |
| | | | Total Silver (Ag) | 2025/07/23 | ND, RDL=0.010 | | ug/L | |
| | | | Total Strontium (Sr) | 2025/07/23 | ND, RDL=0.050 | | ug/L | |
| | | | Total Tellurium (Te) | 2025/07/23 | ND, RDL=0.020 | | ug/L | |
| | | | Total Thallium (Tl) | 2025/07/23 | ND, RDL=0.0020 | | ug/L | |
| | | | Total Thorium (Th) | 2025/07/23 | ND, RDL=0.050 | | ug/L | |
| | | | Total Tin (Sn) | 2025/07/23 | ND, RDL=0.20 | | ug/L | |
| | | | Total Titanium (Ti) | 2025/07/23 | ND, RDL=2.0 | | ug/L | |
| | | | Total Uranium (U) | 2025/07/23 | ND, RDL=0.0050 | | ug/L | |
| | | | Total Vanadium (V) | 2025/07/23 | ND, RDL=0.20 | | ug/L | |
| | | | Total Zinc (Zn) | 2025/07/23 | ND, RDL=1.0 | | ug/L | |
| | | | Total Zirconium (Zr) | 2025/07/23 | ND, RDL=0.10 | | ug/L | |
| C027033 | AA1 | RPD [DPC005-07] | Total Aluminum (Al) | 2025/07/23 | 0.66 | | % | 20 |
| | | | Total Antimony (Sb) | 2025/07/23 | NC | | % | 20 |
| | | | Total Arsenic (As) | 2025/07/23 | 2.9 | | % | 20 |
| | | | Total Barium (Ba) | 2025/07/23 | 0.29 | | % | 20 |
| | | | Total Beryllium (Be) | 2025/07/23 | NC | | % | 20 |
| | | | Total Bismuth (Bi) | 2025/07/23 | NC | | % | 20 |



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## QUALITY ASSURANCE REPORT(CONT'D)

| QA/QC Batch | Init | QC Type | Parameter | Date Analyzed | Value | Recovery | UNITS | QC Limits |
|---|---|---|---|---|---|---|---|---|
| | | | Total Boron (B) | 2025/07/23 | 2.4 | | % | 20 |
| | | | Total Cadmium (Cd) | 2025/07/23 | 5.8 | | % | 20 |
| | | | Total Cesium (Cs) | 2025/07/23 | NC | | % | 20 |
| | | | Total Chromium (Cr) | 2025/07/23 | NC | | % | 20 |
| | | | Total Cobalt (Co) | 2025/07/23 | 1.2 | | % | 20 |
| | | | Total Copper (Cu) | 2025/07/23 | 8.0 | | % | 20 |
| | | | Total Iron (Fe) | 2025/07/23 | 2.8 | | % | 20 |
| | | | Total Lead (Pb) | 2025/07/23 | 0.97 | | % | 20 |
| | | | Total Lithium (Li) | 2025/07/23 | 3.8 | | % | 20 |
| | | | Total Manganese (Mn) | 2025/07/23 | 0.43 | | % | 20 |
| | | | Total Molybdenum (Mo) | 2025/07/23 | 1.3 | | % | 20 |
| | | | Total Nickel (Ni) | 2025/07/23 | 1.1 | | % | 20 |
| | | | Total Phosphorus (P) | 2025/07/23 | NC | | % | 20 |
| | | | Total Rubidium (Rb) | 2025/07/23 | 1.8 | | % | 20 |
| | | | Total Selenium (Se) | 2025/07/23 | NC | | % | 20 |
| | | | Total Silicon (Si) | 2025/07/23 | 0.38 | | % | 20 |
| | | | Total Silver (Ag) | 2025/07/23 | NC | | % | 20 |
| | | | Total Strontium (Sr) | 2025/07/23 | 0.64 | | % | 20 |
| | | | Total Tellurium (Te) | 2025/07/23 | NC | | % | 20 |
| | | | Total Thallium (Tl) | 2025/07/23 | NC | | % | 20 |
| | | | Total Thorium (Th) | 2025/07/23 | NC | | % | 20 |
| | | | Total Tin (Sn) | 2025/07/23 | NC | | % | 20 |
| | | | Total Titanium (Ti) | 2025/07/23 | NC | | % | 20 |
| | | | Total Uranium (U) | 2025/07/23 | 0.10 | | % | 20 |
| | | | Total Vanadium (V) | 2025/07/23 | NC | | % | 20 |
| | | | Total Zinc (Zn) | 2025/07/23 | 16 | | % | 20 |
| | | | Total Zirconium (Zr) | 2025/07/23 | NC | | % | 20 |

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

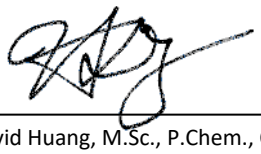
(2) Method blank exceeds acceptance limits- 2X RDL acceptable for low level metals determination.



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

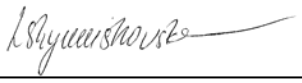
## VALIDATION SIGNATURE PAGE

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

Kimberly Tamaki, Scientist, Ecotoxicology



Luba Shymushovska, B.Sc., QP, Senior Analyst, Organics

Suwan (Sze Yeung) Fock, B.Sc., Scientific Specialist

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.



Bureau Veritas Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386

# eCOC: W109174

| | |
|---|---|
| Expected TAT: | Standard TAT |
| Expected Arrival: | 2025/07/15 18:00 |
| Submitted By: | Jennifer Choyce |
| 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: Jennifer Choyce
HATFIELD CONSULTANTS
200-850 Harbourside Dr
North Vancouver , BC , V7P 0A3
Email to:
jchoyce@hatfieldgroup.com
rmaharaj@hatfieldgroup.com
mwhelly@hatfieldgroup.com
danielle.samels@fortisbc.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 | Cint Ref | Sampling Date/Time | Matrix | #Cont | Woodfibre 2025 | Woodfibre Additional 2025 | Woodfibre Blank 2025 | Rainbow Trout LC50 Multi-concentration | Set Number |
|---|---|---|---|---|---|---|---|---|---|
| WLNG-DS | 1 | 2025/07/15 10:30 | WATER | 15 | A | | | | 1 |
| WLNG -EOP | 2 | 2025/07/15 09:50 | WATER | 23 | A | A | | A | |
| WLNG-US | 3 | 2025/07/15 08:42 | WATER | 15 | A | | | | |
| SQRI-US | 4 | 2025/07/15 14:00 | WATER | 15 | A | | | | 1 |
| SQRI-DS | 5 | 2025/07/15 14:20 | WATER | 15 | A | | | | 1 |
| Field Blank | 6 | 2025/07/15 10:30 | WATER | 15 | | | A | | 3 |
| Trip Blank | 7 | 2025/07/15 06:00 | WATER | 15 | | | A | | 3 |
| WLNG-EOP DUP | 8 | 2025/07/15 10:20 | WATER | 19 | A | A | | | 4 |
| Q01 | 9 | 2025/07/15 08:38 | WATER | 15 | A | | | | 1 |
| Q02 | 10 | 2025/07/15 08:55 | WATER | 15 | A | | | | 1 |
| Q03 | 11 | 2025/07/15 09:13 | WATER | 15 | A | | | | 1 |

MVAN-2025-07-1157

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

Ashish Thomas Varghese
2025/07/15
17:55
Temps:- See ACTR

JUL 15 2025

JUL 15 2025

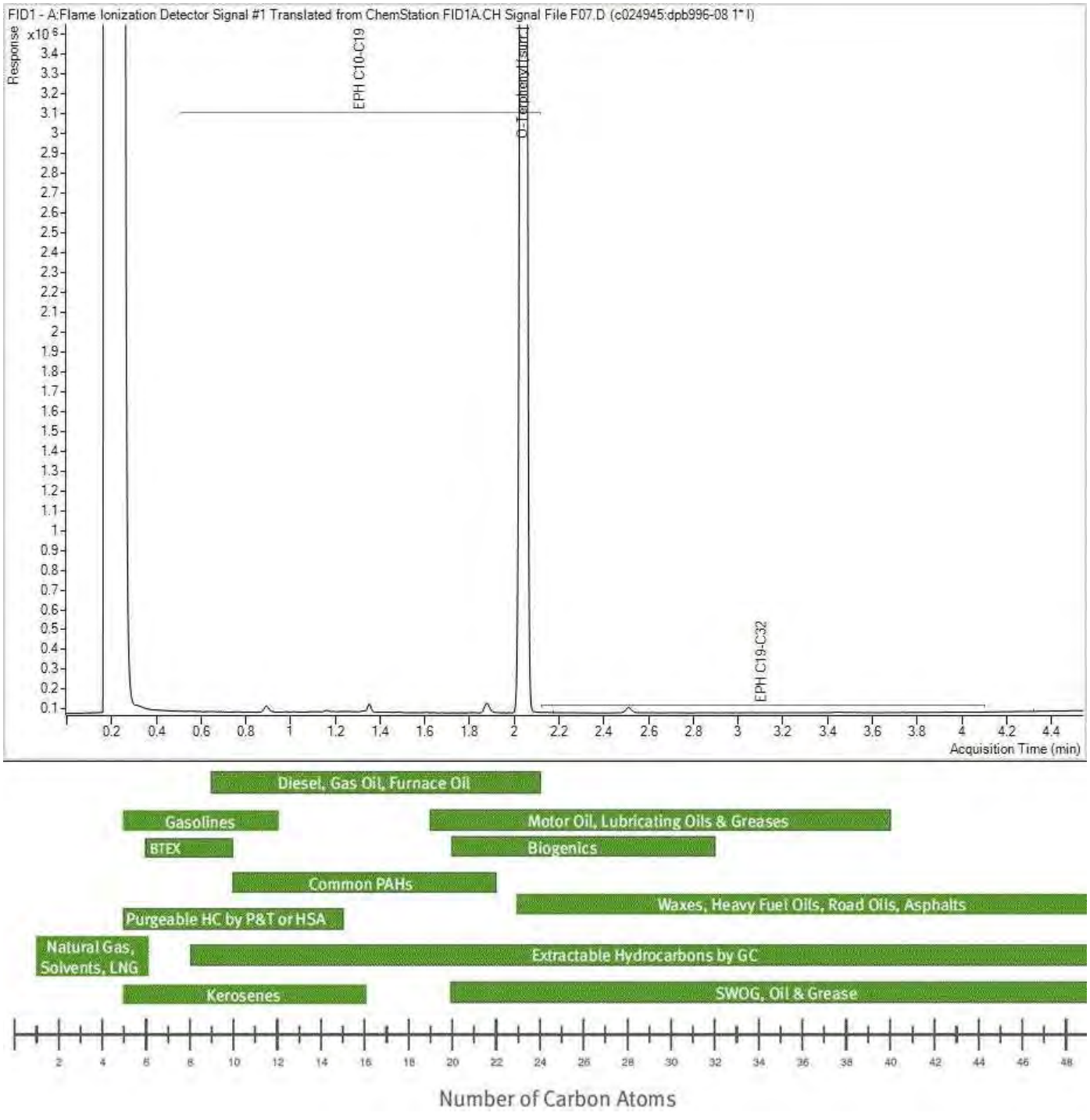
JUL 15

C562676
2025/07/15 17:55

Bureau Veritas Job #: C562676
Report Date: 2025/07/29
Bureau Veritas Sample: DPB996

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Reference: WOODFIBRE PIPELINE PROJECT
Client ID: WLNG -EOP

**EPH in Water when PAH required Chromatogram**

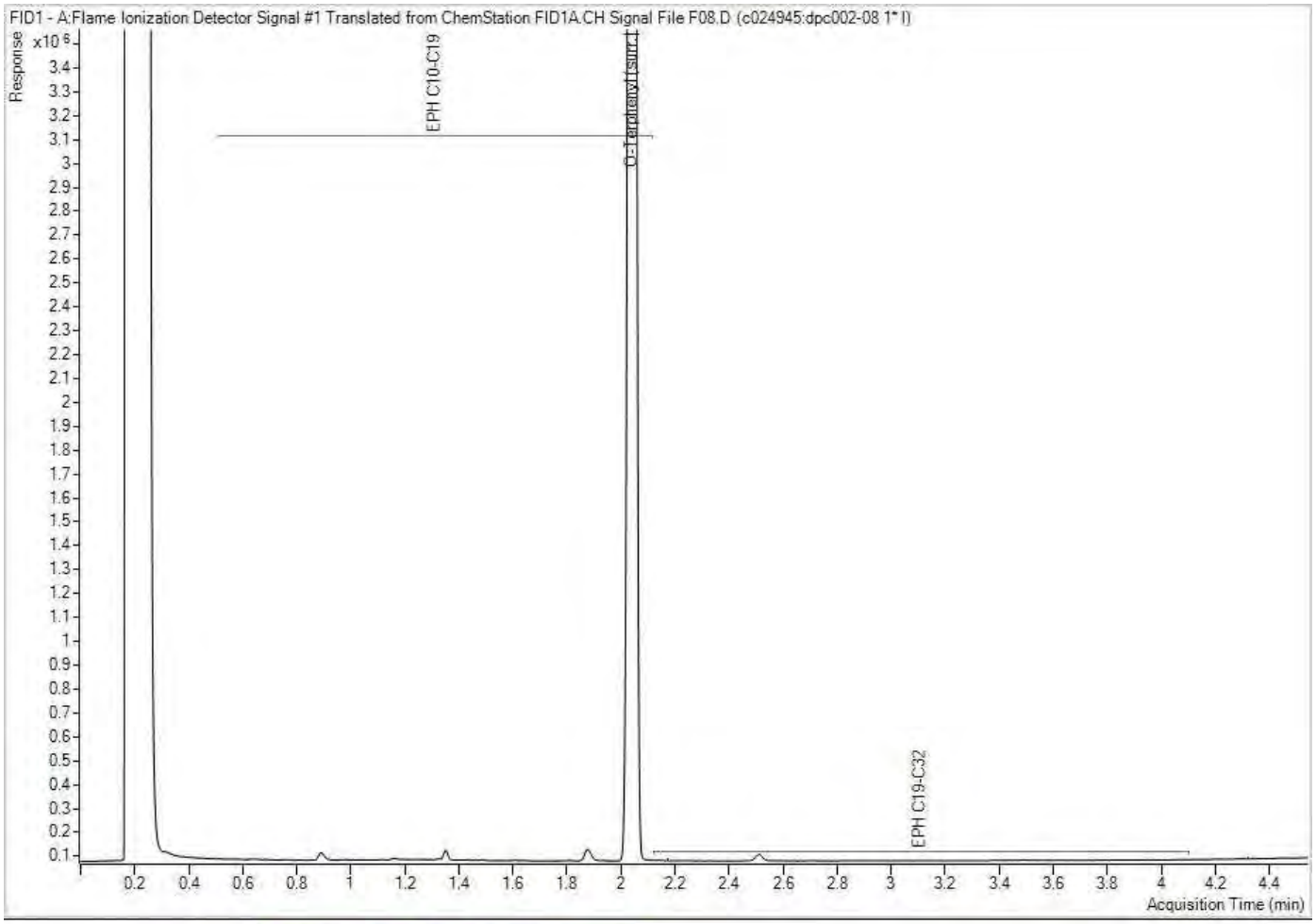


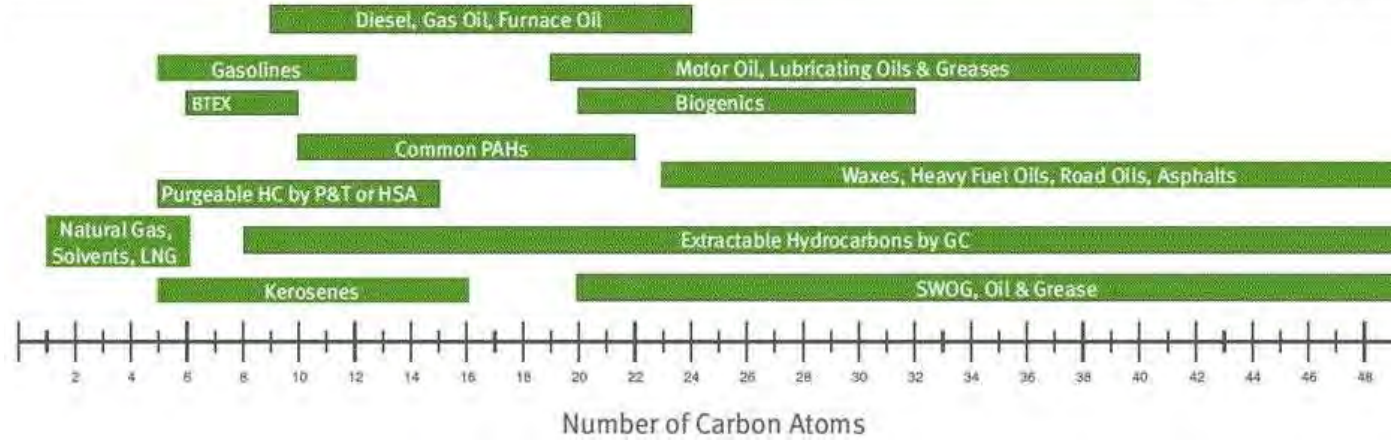

**Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.**

Bureau Veritas Job #: C562676
Report Date: 2025/07/29
Bureau Veritas Sample: DPC002

HATFIELD CONSULTANTS
Client Project #: FORTIS11234/PE-110163
Site Reference: WOODFIBRE PIPELINE PROJECT
Client ID: WLNG-EOP DUP

**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: W109174

| | |
|---|---|
| Project Information: | C562676 |
| Job Received: | 2025/07/15 17:55 |
| Expected TAT: | Standard TAT |
| Expected Arrival: | 2025/07/15 18:00 |
| Submitted By: | Jennifer Choyce |
| 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: Jennifer Choyce
HATFIELD CONSULTANTS
200-850 Harbourside Dr
North Vancouver , BC , V7P 0A3
Email to:
jchoyce@hatfieldgroup.com
rmaharaj@hatfieldgroup.com
mwhelly@hatfieldgroup.com
danielle.samels@fortisbc.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 | 2025/07/15 10:30 | WATER | 15 | A | | | | 1 |
| WLNG -EOP | 2 | 2025/07/15 09:50 | WATER | 23 | A | A | | A | 2 |
| WLNG-US | 3 | 2025/07/15 08:42 | WATER | 15 | A | | | | 1 |
| SQRI-US | 4 | 2025/07/15 14:00 | WATER | 15 | A | | | | 1 |
| SQRI-DS | 5 | 2025/07/15 14:20 | WATER | 15 | A | | | | 1 |
| Field Blank | 6 | 2025/07/15 10:30 | WATER | 15 | | | A | | 3 |
| Trip Blank | 7 | 2025/07/15 06:00 | WATER | 15 | | | A | | 3 |
| WLNG-EOP DUP | 8 | 2025/07/15 10:20 | WATER | 19 | A | A | | | 4 |
| Q01 | 9 | 2025/07/15 08:38 | WATER | 15 | A | | | | 1 |
| Q02 | 10 | 2025/07/15 08:55 | WATER | 15 | A | | | | 1 |
| Q03 | 11 | 2025/07/15 09:13 | WATER | 15 | A | | | | 1 |

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

# eCOC: W109174

| | |
|---|---|
| Project Information: | C562676 |
| Job Received: | 2025/07/15 17:55 |
| Expected TAT: | Standard TAT |
| Expected Arrival: | 2025/07/15 18:00 |
| Submitted By: | Jennifer Choyce |
| Submitted To: | Burnaby ENV: 4606 Canada Way |

## Submission Information

**# of Samples:** 11

**Details:**

WLNG- DS: pH 7.36; Temp 14.2oC; DO 2.33 mg/L
WLNG-EOP & DUP: pH 6.7; Temp 13.6oC; DO 3.02 mg/L
WLNG-US: pH 7.6; 17.5oC; DO 2.33 mg/L
SQRI-US: pH 6.67; Temp 15oC
SQRI-DS: pH 7.63; Temp 10.7oC
Q01: pH 6.19; Temp 15.1oC
Q02: pH 6.31; Temp 12.8oC
Q03: pH 6.73; Temp 18.6oC

Field blank taken at WLNG-DS

## Sample Set Listing

| Set 1 (7 samples) | Set 2 (1 sample) | Set 3 (2 samples) | Set 4 (1 sample) |
|---|---|---|---|
| WLNG-DS | WLNG -EOP | Field Blank | WLNG-EOP DUP |
| WLNG-US | | Trip Blank | |
| SQRI-US | | | |
| SQRI-DS | | | |
| Q01 | | | |
| Q02 | | | |
| Q03 | | | |