



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

Reporting Week	Dec 1 <sup>st</sup> to Dec 7 <sup>th</sup> , 2025
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# **Eagle Mountain - Woodfibre Gas Pipeline Project**

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



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## Preamble

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

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

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

## Introduction

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

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



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### Sampling Methodology

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

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

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

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

Permit Frequency	Parameters	Details
During discharges	Visible Sheen	In field inspection
Daily (or per batch)	DO	Monitoring using YSI ProDSS
	ORP	Monitoring using YSI ProDSS
	Salinity	Monitoring using YSI ProDSS
Real Time (or per batch)	pH	Monitoring using GF Dryloc pH Series NPT
	Temperature	Monitoring using LevelPro PT100 Temperature and Signet 2350 Temp sensor
	NTU	Monitoring using Observer 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



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## Summary-BC Rail Site

### Site Activities and Exceedances

- Weekly upstream and downstream taken by the QP.
- Water produced by the water treatment plant is being recirculated for tunneling and to create grout for tunneling.
- There was no discharges this week from the BC Rail Site.
- An LC50 was taken from the water held on site at BC Rail to meet LC50 permit sampling requirements, it is attached in Appendix E. This water was not discharged, it is reused for grouting.

### Discharge from Water Treatment Plant

Appendix A includes volume information and real time/field samples from the discharge.

### Receiving Environment Monitoring-Squamish River

Table 3 and 4 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 3: Upstream Monitoring Information**

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Upstream	2025-12-02	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

**Table 4: Downstream Monitoring Information**

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Downstream	2025-12-02	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

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

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

SQU US:

2025-12-01: Temperature, ORP, pH, and turbidity data were missing at 22:00.

2025-12-04: Temperature, Conductivity, ORP, pH, DO, turbidity and salinity data were missing at 7:00 to12:00.

2025-12-04 at 14:15 to 2025-12-07 at 23:45: Temperature, Conductivity, ORP, pH, DO, turbidity and salinity data were missing as VuLink stopped working and was sent out for repair.

## Summary-Woodfibre

### Site Activities and Exceedances

- Weekly upstream, downstream and end of pipe taken by the QP.



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- Ongoing tunnelling at WLNG and grouting works to mitigate water ingress.
- There were no reportable exceedances detected at the WLNG EOP during the week of December 2, 2025.

**Discharge from Water Treatment Plant**

Appendix C includes volume information and real time/field samples from the discharge.

**Receiving Environment Monitoring-East Creek**

Table 5 and 6 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 5: Upstream Monitoring Information**

Location	Date of Lab Sample	Real Time Monitored	Results
East Creek Upstream	2025-12-02	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

**Table 6: Downstream Monitoring Information**

Location	Date of Lab Sample	Real Time Monitored	Results
East Creek Downstream	2025-12-02	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

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

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

**WLNG US:**

- 2025-12-01: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 7:00 and 20:00.
- 2025-12-01: Temperature, conductivity, and salinity data were missing at 12:00 and 23:00.
- 2025-12-03: Temperature, conductivity, and salinity data were missing at 4:00.
- 2025-12-04: Temperature, conductivity, and salinity data were missing at 4:00 and 18:00.
- 2025-12-05: Temperature, conductivity, and salinity data were missing at 19:00.
- 2025-12-06: Temperature, conductivity, and salinity data were missing at 19:00.

**WLNG DS:**

- 2025-12-01: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 5:00 and 12:00.
- 2025-12-01: Temperature and ORP data were missing at 22:00 and 23:00.
- 2025-12-01: Temperature and ORP data were missing at 22:00 and 23:00.
- 2025-12-06: Temperature and ORP data were missing at 7:00.
- 2025-12-07: Temperature and ORP data were missing at 00:00.

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



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**BCR Site Batch Sample Analysis  
NO Discharge**



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**BCR Site WTP Discharge Field Notes and Logs**  
No Discharge

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## Appendix B: BCR Site Receiving Environment Documentation

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## BCR Site Receiving Environment Sample Analysis



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	SQU US 2025-12-02 14:12:00	SQU DS 2025-12-02 13:50:00
<b>In situ Parameters</b>									
Field pH	pH Units	-	6.5 - 9	-	-	7 - 8.7	-	7.48	7.15
Field Temperature	°C	18	19	-	-	-	-	5.9	5.6
<b>General Parameters</b>									
pH	pH Units	-	-	-	-	-	-	6.43	6.46
Alkalinity (Total as CaCO <sub>3</sub> )	mg/L	-	-	-	-	-	-	18	21
Alkalinity (PP as CaCO <sub>3</sub> )	mg/L	-	-	-	-	-	-	<1	<1
Hardness (CaCO <sub>3</sub> )-Total	mg/L	-	-	-	-	-	-	21.8	20
Hardness (CaCO <sub>3</sub> )-Dissolved	mg/L	-	-	-	-	-	-	22.7	22
Sulphide-Total	mg/L	-	-	-	-	-	-	<0.0018	<0.0018
Sulphide (as H <sub>2</sub> S)	mg/L	-	-	0.002	-	-	-	<0.002	<0.002
<b>Anions and Nutrients</b>									
Ammonia (N)-Total	mg/L	1.92	13.3	-	12	191	-	0.041	0.038
Bicarbonate (HCO <sub>3</sub> )	mg/L	-	-	-	-	-	-	22	26
Carbonate (CO <sub>3</sub> )	mg/L	-	-	-	-	-	-	<1	<1
Hydroxide (OH)	mg/L	-	-	-	-	-	-	<1	<1
Nitrate (N)	mg/L	3	32.8	-	3.7	-	-	0.132	0.082
Nitrite (N)	mg/L	0.02	0.06	-	-	-	-	<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L	-	-	-	-	-	-	0.132	0.082
Nitrogen (N)-Total	mg/L	-	-	-	-	-	-	0.189	0.144
Phosphorus (P)-Total (4500-P)	mg/L	-	-	-	-	-	-	0.031	0.015
Bromide (Br)	mg/L	-	-	-	-	-	-	<0.01	<0.01
Chloride (Cl)	mg/L	150	600	-	-	-	-	1.9	1.7
Fluoride (F)	mg/L	-	0.687	-	-	1.5	-	<0.05	<0.05
Sulphate (SO <sub>4</sub> )-Dissolved	mg/L	128	-	-	-	-	-	5.5	5.4

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

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

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

<sup>4</sup> **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	SQU US 2025-12-02 14:12:00	SQU DS 2025-12-02 13:50:00
<b>Total Metals</b>									
Aluminum (Al)-Total	mg/L	0.054672	-	-	-	-	-	<b>0.0561</b>	<b>0.0587</b>
Antimony (Sb)-Total	mg/L	0.074	0.25	-	-	-	-	<0.00002	<0.00002
Arsenic (As)-Total	mg/L	0.005	-	-	0.0125	-	-	0.000152	0.000138
Barium (Ba)-Total	mg/L	-	-	1	-	-	-	0.00941	0.00857
Beryllium (Be)-Total	mg/L	-	-	0.00013	-	-	0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	mg/L	-	-	-	-	-	-	<0.000005	<0.00001
Boron (B)-Total	mg/L	1.2	-	-	1.2	-	-	0.011	<0.01
Cadmium (Cd)-Total	mg/L	-	-	-	-	-	0.00012	0.0000089	0.000008
Calcium (Ca)-Total	mg/L	-	-	-	-	-	-	7.25	6.76
Cesium (Cs)-Total	mg/L	-	-	-	-	-	-	<0.00005	<0.00005
Chromium (Cr)-Total	mg/L	-	-	-	-	-	-	<0.0001	<0.0001
Chromium (Cr III)-Total	mg/L	-	-	0.0089	-	-	0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L	-	-	0.0025	-	-	0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389	-	-	-	-	-	0.0000818	0.000091
Copper (Cu)-Total	mg/L	-	-	-	0.002	0.003	-	0.000693	0.00068
Iron (Fe)-Total	mg/L	-	1	-	-	-	-	0.183	0.19
Lead (Pb)-Total	mg/L	-	-	-	0.002	0.14	-	0.0000183	0.00003
Lithium (Li)-Total	mg/L	-	-	-	-	-	-	0.00106	0.00115
Magnesium (Mg)-Total	mg/L	-	-	-	-	-	-	0.896	0.76
Manganese (Mn)-Total	mg/L	0.693	0.76	-	-	-	0.1	0.0115	0.0118
Mercury (Hg)-Total	mg/L	0.00002	-	-	0.00002	-	-	<0.0000019	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46	-	-	-	-	0.000636	0.000543
Nickel (Ni)-Total	mg/L	-	-	-	-	-	0.0083	0.000112	0.00014
Phosphorus (P)-Total (ICPMS)	mg/L	-	-	-	-	-	-	0.0205	0.0154
Potassium (K)-Total	mg/L	-	-	-	-	-	-	0.715	0.62
Rubidium (Rb)-Total	mg/L	-	-	-	-	-	-	0.000979	0.000869
Selenium (Se)-Total	mg/L	0.002	-	-	0.002	-	-	<0.00004	<0.00004
Silicon (Si)-Total	mg/L	-	-	-	-	-	-	5.67	5.12
Silver (Ag)-Total	mg/L	0.00012	-	-	0.0005	0.0037	0.0005	<0.000005	<0.00001
Sodium (Na)-Total	mg/L	-	-	-	-	-	-	2.81	2.58
Strontium (Sr)-Total	mg/L	-	-	-	-	-	-	0.0429	0.0389
Sulphur (S)-Total	mg/L	-	-	-	-	-	-	<3	<3
Tellurium (Te)-Total	mg/L	-	-	-	-	-	-	<0.00002	<0.00002
Thallium (Tl)-Total	mg/L	-	-	0.00003	-	-	-	<0.000002	0.0000028
Thorium (Th)-Total	mg/L	-	-	-	-	-	-	<0.00005	<0.00005
Tin (Sn)-Total	mg/L	-	-	-	-	-	-	<0.0002	<0.0002
Titanium (Ti)-Total	mg/L	-	-	-	-	-	-	0.00151	<0.002
Uranium (U)-Total	mg/L	-	0.0165	0.0075	-	-	-	0.0000263	0.0000306
Vanadium (V)-Total	mg/L	-	-	0.06	-	-	0.005	0.00139	0.00119
Zinc (Zn)-Total	mg/L	-	-	-	0.01	0.055	-	0.00143	0.0012
Zirconium (Zr)-Total	mg/L	-	-	-	-	-	-	<0.0001	<0.0001

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

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

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

<sup>4</sup> **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	SQU US 2025-12-02 14:12:00	SQU DS 2025-12-02 13:50:00
<b>Dissolved Metals</b>									
Aluminum (Al)-Dissolved	mg/L	-	-	-	-	-	-	0.0208	0.0212
Antimony (Sb)-Dissolved	mg/L	-	-	-	-	-	-	<0.00002	<0.00002
Arsenic (As)-Dissolved	mg/L	-	-	-	-	-	-	0.000121	0.000112
Barium (Ba)-Dissolved	mg/L	-	-	-	-	-	-	0.00939	0.00945
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	0.000065	0.000112	-	-	-	-	0.0000108	0.0000104
Calcium (Ca)-Dissolved	mg/L	-	-	-	-	-	-	7.58	7.45
Cesium (Cs)-Dissolved	mg/L	-	-	-	-	-	-	<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L	-	-	-	-	-	-	<0.0001	<0.0001
Cobalt (Co)-Dissolved	mg/L	0.000389	-	-	-	-	-	0.0000721	0.000085
Copper (Cu)-Dissolved	mg/L	0.0002	0.00082	-	-	-	-	<b>0.000575</b>	<b>0.000534</b>
Iron (Fe)-Dissolved	mg/L	-	0.35	-	-	-	-	0.111	0.118
Lead (Pb)-Dissolved	mg/L	0.001541	-	-	-	-	-	0.0000092	0.0000074
Lithium (Li)-Dissolved	mg/L	-	-	-	-	-	-	0.0011	0.00126
Manganese (Mn)-Dissolved	mg/L	-	-	-	-	-	-	0.011	0.0119
Magnesium (Mg)-Dissolved	mg/L	-	-	-	-	-	-	0.92	0.826
Mercury (Hg)-Dissolved	mg/L	-	-	-	-	-	-	<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L	-	-	-	-	-	-	0.000668	0.00063
Nickel (Ni)-Dissolved	mg/L	0.0006	0.0096	-	-	-	-	0.000113	0.000113
Phosphorus (P)-Dissolved	mg/L	-	-	-	-	-	-	0.0154	0.0111
Potassium (K)-Dissolved	mg/L	-	-	-	-	-	-	0.752	0.712
Rubidium (Rb)-Dissolved	mg/L	-	-	-	-	-	-	0.000949	0.000974
Selenium (Se)-Dissolved	mg/L	-	-	-	-	-	-	<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L	-	-	-	-	-	-	5.42	5.28
Silver (Ag)-Dissolved	mg/L	-	-	-	-	-	-	<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L	-	-	-	-	-	-	3.57	2.88
Strontium (Sr)-Dissolved	mg/L	-	-	1.25	-	-	-	0.0419	0.0425
Sulphur (S)-Dissolved	mg/L	-	-	-	-	-	-	<3	<3
Tellurium (Te)-Dissolved	mg/L	-	-	-	-	-	-	<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L	-	-	-	-	-	-	<0.000002	0.0000024
Thorium (Th)-Dissolved	mg/L	-	-	-	-	-	-	<0.000005	<0.000005
Tin (Sn)-Dissolved	mg/L	-	-	-	-	-	-	<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L	-	-	-	-	-	-	<0.0005	<0.0005
Uranium (U)-Dissolved	mg/L	-	-	-	-	-	-	0.0000249	0.0000284
Vanadium (V)-Dissolved	mg/L	-	-	-	-	-	-	0.00129	0.00111
Zinc (Zn)-Dissolved	mg/L	0.002361	0.010498	-	-	-	-	0.00125	0.00102
Zirconium (Zr)-Dissolved	mg/L	-	-	-	-	-	-	<0.0001	<0.0001

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

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

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

<sup>4</sup> **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	SQU US 2025-12-02 14:12:00	SQU DS 2025-12-02 13:50:00
<b>Inorganics</b>									
Organic Carbon (C)-Total	mg/L	-	-	-	-	-	-	1.1	1.1
Organic Carbon (C)-Dissolved	mg/L	-	-	-	-	-	-	1.1	1.1
Solids-Total Dissolved	mg/L	-	-	-	-	-	-	48	48
Solids-Total Suspended	mg/L	60	80	-	-	-	-	55	2

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

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

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

<sup>4</sup> **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).

 <b>Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report</b>	Reporting Week	Dec 1 <sup>st</sup> to Dec 7 <sup>th</sup> , 2025
	Report #	89
	Appendix B	B-3

## 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)	Salinity (PSU)
SQU-DS	2025-12-01 00:00:00	4.14	61.34	0.50	7.10	11.27	0.00	0.03
SQU-DS	2025-12-01 00:15:00	4.35	71.30	0.50	7.14	10.96	1.92	0.03
SQU-DS	2025-12-01 00:30:00	4.06	62.97	0.48	7.22	11.30	824.00	0.03
SQU-DS	2025-12-01 00:45:00	3.85	59.43	0.45	7.26	11.58	1.58	0.03
SQU-DS	2025-12-01 01:00:00	3.83	59.02	0.42	7.21	11.65	0.57	0.03
SQU-DS	2025-12-01 01:15:00	3.84	58.91	0.41	7.21	11.63	0.91	0.03
SQU-DS	2025-12-01 01:30:00	3.84	58.53	0.40	7.23	11.59	0.51	0.03
SQU-DS	2025-12-01 01:45:00	3.83	58.11	0.40	7.17	11.60	0.64	0.03
SQU-DS	2025-12-01 02:00:00	3.84	57.89	0.40	7.24	11.58	0.20	0.03
SQU-DS	2025-12-01 02:15:00	3.83	57.62	0.39	7.25	11.63	0.32	0.03
SQU-DS	2025-12-01 02:30:00	3.83	57.56	0.39	7.24	11.63	0.82	0.03
SQU-DS	2025-12-01 02:45:00	3.84	57.72	0.39	7.24	11.65	1.07	0.03
SQU-DS	2025-12-01 03:00:00	3.86	57.97	0.39	7.24	11.60	0.58	0.03
SQU-DS	2025-12-01 03:15:00	3.85	57.83	0.39	7.25	11.59	0.37	0.03
SQU-DS	2025-12-01 03:30:00	3.87	58.23	0.39	7.24	11.59	0.46	0.03
SQU-DS	2025-12-01 03:45:00	3.87	58.47	0.39	7.20	11.60	0.68	0.03
SQU-DS	2025-12-01 04:00:00	3.88	58.54	0.39	7.22	11.62	0.71	0.03
SQU-DS	2025-12-01 04:15:00	3.89	58.59	0.39	7.22	11.59	1.79	0.03
SQU-DS	2025-12-01 04:30:00	3.89	58.45	0.38	7.23	11.58	0.76	0.03
SQU-DS	2025-12-01 04:45:00	3.90	58.54	0.39	7.20	11.57	1.07	0.03
SQU-DS	2025-12-01 05:00:00	3.89	58.41	0.39	7.21	11.58	0.46	0.03
SQU-DS	2025-12-01 05:15:00	3.89	58.27	0.38	7.21	11.60	1.81	0.03
SQU-DS	2025-12-01 05:30:00	3.90	58.32	0.38	7.15	11.64	1.35	0.03
SQU-DS	2025-12-01 05:45:00	3.91	58.44	0.38	7.12	11.61	0.35	0.03
SQU-DS	2025-12-01 06:00:00	4.00	61.44	0.38	7.07	11.46	4.10	0.03
SQU-DS	2025-12-01 06:15:00	4.10	62.71	0.37	7.26	11.28	3565.82	0.03
SQU-DS	2025-12-01 06:30:00	4.33	66.37	0.37	7.27	11.19	0.00	0.03
SQU-DS	2025-12-01 06:45:00	4.27	62.62	0.39	7.26	11.37	0.00	0.03
SQU-DS	2025-12-01 07:00:00	4.27	58.21	0.40	7.28	11.12	0.00	0.03
SQU-DS	2025-12-01 07:15:00	4.26	55.67	0.42	7.31	11.36	0.00	0.02
SQU-DS	2025-12-01 07:30:00	4.42	61.52	0.43	7.27	11.24	0.00	0.03
SQU-DS	2025-12-01 07:45:00	4.33	35.78	0.45	7.24	11.52	0.00	0.02
SQU-DS	2025-12-01 08:00:00	4.25	51.37	0.46	7.20	11.56	0.00	0.02
SQU-DS	2025-12-01 08:15:00	4.36	57.50	0.47	7.16	11.39	0.00	0.03
SQU-DS	2025-12-01 08:30:00	4.30	60.20	0.48	7.14	11.34	0.00	0.03
SQU-DS	2025-12-01 08:45:00	4.27	61.72	0.48	7.12	11.12	0.00	0.03
SQU-DS	2025-12-01 09:00:00	4.35	67.72	0.48	7.18	11.09	0.16	0.03
SQU-DS	2025-12-01 09:15:00	4.14	62.45	0.46	7.21	11.26	5.60	0.03
SQU-DS	2025-12-01 09:30:00	3.97	59.05	0.44	7.16	11.61	0.00	0.03
SQU-DS	2025-12-01 09:45:00	3.98	58.99	0.42	7.18	11.57	0.79	0.03
SQU-DS	2025-12-01 10:00:00	4.00	59.09	0.41	7.23	11.57	0.24	0.03
SQU-DS	2025-12-01 10:15:00	4.02	58.96	0.41	7.21	11.54	0.35	0.03
SQU-DS	2025-12-01 10:30:00	4.03	58.87	0.40	7.22	11.57	0.21	0.03
SQU-DS	2025-12-01 10:45:00	4.05	58.63	0.40	7.25	11.55	0.20	0.03
SQU-DS	2025-12-01 11:00:00	4.06	58.60	0.40	7.26	11.59	0.25	0.03
SQU-DS	2025-12-01 11:15:00	4.08	58.44	0.40	7.26	11.58	0.20	0.03
SQU-DS	2025-12-01 11:30:00	4.10	58.48	0.41	7.26	11.58	0.20	0.03
SQU-DS	2025-12-01 11:45:00	4.11	58.43	0.41	7.28	11.58	0.53	0.03
SQU-DS	2025-12-01 12:00:00	4.12	58.43	0.41	7.28	11.60	0.10	0.03
SQU-DS	2025-12-01 12:15:00	4.12	57.72	0.42	7.29	11.63	0.52	0.03
SQU-DS	2025-12-01 12:30:00	4.12	57.67	0.42	7.30	11.63	0.41	0.03
SQU-DS	2025-12-01 12:45:00	4.12	57.40	0.43	7.30	11.65	1.15	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-01 13:00:00	4.12	57.13	0.43	7.32	11.63	1.20	0.03
SQU-DS	2025-12-01 13:15:00	4.11	56.92	0.44	7.31	11.66	1.49	0.03
SQU-DS	2025-12-01 13:30:00	4.12	56.96	0.44	7.32	11.65	1.58	0.03
SQU-DS	2025-12-01 13:45:00	4.13	57.30	0.44	7.32	11.67	1.72	0.03
SQU-DS	2025-12-01 14:00:00	4.18	58.89	0.45	7.32	11.64	2.23	0.03
SQU-DS	2025-12-01 14:15:00	4.21	60.19	0.45	7.30	11.62	2.32	0.03
SQU-DS	2025-12-01 14:30:00	4.19	59.53	0.46	7.30	11.58	3.01	0.03
SQU-DS	2025-12-01 14:45:00	4.21	60.35	0.46	7.29	11.60	2.48	0.03
SQU-DS	2025-12-01 15:00:00	4.30	63.47	0.46	7.28	11.55	2.48	0.03
SQU-DS	2025-12-01 15:15:00	4.36	65.75	0.46	7.26	11.47	6.86	0.03
SQU-DS	2025-12-01 15:30:00	4.34	64.83	0.46	7.25	11.41	3.10	0.03
SQU-DS	2025-12-01 15:45:00	4.32	63.58	0.46	7.25	11.42	2.61	0.03
SQU-DS	2025-12-01 16:00:00	4.28	61.93	0.46	7.24	11.44	3.08	0.03
SQU-DS	2025-12-01 16:15:00	4.28	61.37	0.45	7.27	11.46	3.11	0.03
SQU-DS	2025-12-01 16:30:00	4.28	61.22	0.44	7.26	11.43	2.70	0.03
SQU-DS	2025-12-01 16:45:00	4.26	60.18	0.44	7.21	11.47	3.53	0.03
SQU-DS	2025-12-01 17:00:00	4.26	59.97	0.43	7.23	11.47	2.78	0.03
SQU-DS	2025-12-01 17:15:00	4.27	60.14	0.42	7.28	11.49	0.00	0.03
SQU-DS	2025-12-01 17:30:00	4.38	0.09	0.42	7.31	11.91	0.00	0.00
SQU-DS	2025-12-01 17:45:00	4.35	0.09	0.44	7.36	12.05	0.00	0.00
SQU-DS	2025-12-01 18:00:00	4.43	0.09	0.45	7.32	12.03	0.00	0.00
SQU-DS	2025-12-01 18:15:00	4.50	0.09	0.46	7.30	12.02	0.00	0.00
SQU-DS	2025-12-01 18:30:00	4.56	0.09	0.47	7.28	12.00	0.00	0.00
SQU-DS	2025-12-01 18:45:00	4.58	0.09	0.48	7.26	12.00	0.00	0.00
SQU-DS	2025-12-01 19:00:00	4.50	0.09	0.49	7.25	12.03	0.00	0.00
SQU-DS	2025-12-01 19:15:00	4.47	0.09	0.50	7.23	12.03	0.00	0.00
SQU-DS	2025-12-01 19:30:00	4.53	0.09	0.50	7.21	12.02	0.00	0.00
SQU-DS	2025-12-01 19:45:00	4.49	0.09	0.51	7.20	12.03	0.00	0.00
SQU-DS	2025-12-01 20:00:00	4.44	0.09	0.51	7.18	12.07	0.00	0.00
SQU-DS	2025-12-01 20:15:00	4.43	27.12	0.52	7.16	11.78	0.00	0.01
SQU-DS	2025-12-01 20:30:00	4.47	62.58	0.52	7.13	11.32	0.00	0.03
SQU-DS	2025-12-01 20:45:00	4.31	59.85	0.50	7.28	11.48	1.86	0.03
SQU-DS	2025-12-01 21:00:00	4.31	59.72	0.48	7.22	11.48	0.24	0.03
SQU-DS	2025-12-01 21:15:00	4.31	59.57	0.46	7.20	11.46	0.81	0.03
SQU-DS	2025-12-01 21:30:00	4.31	59.17	0.44	7.24	11.48	0.28	0.03
SQU-DS	2025-12-01 21:45:00	4.29	58.47	0.43	7.19	11.50	1.61	0.03
SQU-DS	2025-12-01 22:00:00	4.28	58.24	0.41	7.24	11.49	1.35	0.03
SQU-DS	2025-12-01 22:15:00	4.26	57.89	0.40	7.24	11.48	2.85	0.03
SQU-DS	2025-12-01 22:30:00	4.24	57.25	0.40	7.22	11.50	1.55	0.03
SQU-DS	2025-12-01 22:45:00	4.22	56.87	0.39	7.16	11.50	2.95	0.03
SQU-DS	2025-12-01 23:00:00	4.22	56.94	0.39	7.15	11.50	1.97	0.03
SQU-DS	2025-12-01 23:15:00	4.21	56.42	0.38	7.19	11.51	5.02	0.02
SQU-DS	2025-12-01 23:30:00	4.21	56.71	0.38	7.24	11.51	2.19	0.03
SQU-DS	2025-12-01 23:45:00	4.19	56.12	0.38	7.25	11.52	2.37	0.02
SQU-DS	2025-12-02 00:00:00	4.19	56.13	0.38	7.25	11.54	1.79	0.02
SQU-DS	2025-12-02 00:15:00	4.18	55.63	0.38	7.25	11.55	6.63	0.02
SQU-DS	2025-12-02 00:30:00	4.17	55.40	0.38	7.24	11.56	4.00	0.02
SQU-DS	2025-12-02 00:45:00	4.17	55.34	0.39	7.22	11.56	3.16	0.02
SQU-DS	2025-12-02 01:00:00	4.18	55.07	0.39	7.22	11.58	3.51	0.02
SQU-DS	2025-12-02 01:15:00	4.19	54.75	0.39	7.24	11.61	5.72	0.02
SQU-DS	2025-12-02 01:30:00	4.22	55.01	0.39	7.26	11.59	5.80	0.02
SQU-DS	2025-12-02 01:45:00	4.27	55.51	0.39	7.27	11.58	4.61	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-02 02:00:00	4.32	56.25	0.40	7.27	11.60	5.87	0.02
SQU-DS	2025-12-02 02:15:00	4.37	57.42	0.40	7.30	11.57	5.49	0.03
SQU-DS	2025-12-02 02:30:00	4.43	58.90	0.40	7.30	11.58	5.40	0.03
SQU-DS	2025-12-02 02:45:00	4.47	59.94	0.41	7.29	11.57	4.94	0.03
SQU-DS	2025-12-02 03:00:00	4.49	60.42	0.41	7.31	11.54	4.05	0.03
SQU-DS	2025-12-02 03:15:00	4.51	60.46	0.42	7.34	11.52	3.87	0.03
SQU-DS	2025-12-02 03:30:00	4.50	60.11	0.42	7.32	11.54	4.55	0.03
SQU-DS	2025-12-02 03:45:00	4.50	59.54	0.43	7.34	11.55	5.45	0.03
SQU-DS	2025-12-02 04:00:00	4.49	59.05	0.43	7.34	11.52	4.30	0.03
SQU-DS	2025-12-02 04:15:00	4.48	58.81	0.44	7.34	11.52	3.16	0.03
SQU-DS	2025-12-02 04:30:00	4.46	58.04	0.45	7.28	11.54	4.24	0.03
SQU-DS	2025-12-02 04:45:00	4.46	57.89	0.44	7.36	11.52	3.61	0.03
SQU-DS	2025-12-02 05:00:00	4.44	57.63	0.45	7.34	11.55	2.82	0.03
SQU-DS	2025-12-02 05:15:00	4.44	57.81	0.45	7.32	11.52	9.32	0.03
SQU-DS	2025-12-02 05:30:00	4.44	58.49	0.45	7.34	11.52	2.17	0.03
SQU-DS	2025-12-02 05:45:00	4.44	58.44	0.45	7.31	11.49	2.78	0.03
SQU-DS	2025-12-02 06:00:00	4.44	58.50	0.45	7.33	11.47	2.42	0.03
SQU-DS	2025-12-02 06:15:00	4.43	58.33	0.45	7.26	11.47	2.34	0.03
SQU-DS	2025-12-02 06:30:00	4.44	58.48	0.45	7.31	11.44	2.04	0.03
SQU-DS	2025-12-02 06:45:00	4.44	58.17	0.46	7.24	11.47	2.07	0.03
SQU-DS	2025-12-02 07:00:00	4.44	58.12	0.45	7.27	11.49	2.24	0.03
SQU-DS	2025-12-02 07:15:00	4.44	58.22	0.44	7.30	11.49	2.40	0.03
SQU-DS	2025-12-02 07:30:00	4.45	58.72	0.44	7.26	11.48	3.03	0.03
SQU-DS	2025-12-02 07:45:00	4.44	58.58	0.44	7.25	11.47	2.04	0.03
SQU-DS	2025-12-02 08:00:00	4.45	58.75	0.44	7.24	11.46	2.92	0.03
SQU-DS	2025-12-02 08:15:00	4.45	58.90	0.44	7.24	11.46	2.07	0.03
SQU-DS	2025-12-02 08:30:00	4.46	59.01	0.43	7.25	11.48	1.99	0.03
SQU-DS	2025-12-02 08:45:00	4.47	59.22	0.43	7.24	11.48	2.37	0.03
SQU-DS	2025-12-02 09:00:00	4.57	61.28	0.43	7.23	11.41	2.21	0.03
SQU-DS	2025-12-02 09:15:00	4.49	59.53	0.43	7.24	11.45	1.57	0.03
SQU-DS	2025-12-02 09:30:00	4.53	60.57	0.42	7.29	11.45	2.03	0.03
SQU-DS	2025-12-02 09:45:00	4.52	59.93	0.43	7.24	11.44	2.34	0.03
SQU-DS	2025-12-02 10:00:00	4.54	60.34	0.42	7.28	11.42	2.77	0.03
SQU-DS	2025-12-02 10:15:00	4.56	60.27	0.42	7.24	11.43	2.47	0.03
SQU-DS	2025-12-02 10:30:00	4.59	60.29	0.42	7.29	11.44	2.20	0.03
SQU-DS	2025-12-02 10:45:00	4.61	60.26	0.42	7.29	11.43	2.22	0.03
SQU-DS	2025-12-02 11:00:00	4.62	60.20	0.42	7.28	11.43	2.47	0.03
SQU-DS	2025-12-02 11:15:00	4.64	60.10	0.42	7.30	11.41	2.44	0.03
SQU-DS	2025-12-02 11:30:00	4.64	60.18	0.43	7.30	11.39	1.88	0.03
SQU-DS	2025-12-02 11:45:00	4.64	60.19	0.43	7.30	11.39	2.70	0.03
SQU-DS	2025-12-02 12:00:00	4.64	60.06	0.43	7.31	11.40	2.16	0.03
SQU-DS	2025-12-02 12:15:00	4.66	60.09	0.44	7.31	11.38	2.22	0.03
SQU-DS	2025-12-02 12:30:00	4.68	60.28	0.44	7.31	11.35	2.32	0.03
SQU-DS	2025-12-02 12:45:00	4.71	59.83	0.45	7.32	11.37	1.85	0.03
SQU-DS	2025-12-02 13:00:00	4.73	59.62	0.45	7.33	11.35	2.39	0.03
SQU-DS	2025-12-02 13:15:00	4.76	59.20	0.46	7.32	11.42	2.12	0.03
SQU-DS	2025-12-02 13:30:00	4.78	59.05	0.46	7.33	11.46	2.38	0.03
SQU-DS	2025-12-02 13:45:00	4.81	59.36	0.47	7.34	11.45	2.46	0.03
SQU-DS	2025-12-02 14:00:00	4.85	59.77	0.47	7.34	11.43	2.21	0.03
SQU-DS	2025-12-02 14:15:00	4.87	59.89	0.47	7.34	11.39	2.66	0.03
SQU-DS	2025-12-02 14:30:00	4.87	59.53	0.47	7.33	11.41	2.38	0.03
SQU-DS	2025-12-02 14:45:00	4.87	59.75	0.48	7.33	11.39	2.37	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-02 15:00:00	4.88	61.53	0.48	7.32	11.38	2.88	0.03
SQU-DS	2025-12-02 15:15:00	4.86	63.31	0.48	7.30	11.34	3.63	0.03
SQU-DS	2025-12-02 15:30:00	4.80	63.03	0.48	7.29	11.28	4.42	0.03
SQU-DS	2025-12-02 15:45:00	4.74	63.05	0.48	7.29	11.32	6.72	0.03
SQU-DS	2025-12-02 16:00:00	4.68	63.00	0.47	7.27	11.34	5.40	0.03
SQU-DS	2025-12-02 16:15:00	4.61	62.15	0.47	7.26	11.32	4.04	0.03
SQU-DS	2025-12-02 16:30:00	4.57	61.46	0.46	7.28	11.33	3.57	0.03
SQU-DS	2025-12-02 16:45:00	4.53	60.80	0.46	7.28	11.33	3.88	0.03
SQU-DS	2025-12-02 17:00:00	4.51	60.18	0.46	7.24	11.34	4.35	0.03
SQU-DS	2025-12-02 17:15:00	4.49	59.72	0.45	7.19	11.38	3.88	0.03
SQU-DS	2025-12-02 17:30:00	4.49	59.14	0.44	7.24	11.39	3.68	0.03
SQU-DS	2025-12-02 17:45:00	4.49	58.98	0.43	7.25	11.42	3.47	0.03
SQU-DS	2025-12-02 18:00:00	4.49	58.95	0.43	7.20	11.40	3.15	0.03
SQU-DS	2025-12-02 18:15:00	4.49	58.64	0.43	7.20	11.41	4.04	0.03
SQU-DS	2025-12-02 18:30:00	4.49	58.68	0.43	7.16	11.38	3.77	0.03
SQU-DS	2025-12-02 18:45:00	4.49	58.48	0.42	7.18	11.43	4.60	0.03
SQU-DS	2025-12-02 19:00:00	4.56	59.58	0.42	7.15	11.32	10.90	0.03
SQU-DS	2025-12-02 19:15:00	4.51	58.72	0.42	7.18	11.42	8.34	0.03
SQU-DS	2025-12-02 19:30:00	4.52	59.00	0.42	7.29	11.43	183.53	0.03
SQU-DS	2025-12-02 19:45:00	4.52	54.61	0.41	7.39	11.47	0.00	0.02
SQU-DS	2025-12-02 20:00:00	4.64	36.67	0.42	7.33	11.38	0.00	0.02
SQU-DS	2025-12-02 20:15:00	4.59	3.09	0.43	7.38	11.84	0.00	0.00
SQU-DS	2025-12-02 20:30:00	4.68	0.13	0.45	7.34	11.97	0.00	0.00
SQU-DS	2025-12-02 20:45:00	4.73	0.09	0.46	7.31	11.99	0.00	0.00
SQU-DS	2025-12-02 21:00:00	4.77	0.09	0.47	7.29	12.00	0.00	0.00
SQU-DS	2025-12-02 21:15:00	4.74	0.09	0.48	7.28	12.00	0.00	0.00
SQU-DS	2025-12-02 21:30:00	4.67	0.09	0.49	7.27	12.02	0.00	0.00
SQU-DS	2025-12-02 21:45:00	4.73	0.09	0.49	7.25	12.00	0.00	0.00
SQU-DS	2025-12-02 22:00:00	4.68	0.09	0.50	7.24	12.03	0.00	0.00
SQU-DS	2025-12-02 22:15:00	4.70	0.09	0.51	7.22	12.02	0.00	0.00
SQU-DS	2025-12-02 22:30:00	4.67	0.09	0.51	7.21	12.03	0.00	0.00
SQU-DS	2025-12-02 22:45:00	4.61	0.09	0.51	7.20	12.06	0.00	0.00
SQU-DS	2025-12-02 23:00:00	4.65	0.09	0.52	7.19	12.05	0.00	0.00
SQU-DS	2025-12-02 23:15:00	4.61	0.09	0.52	7.17	12.06	0.00	0.00
SQU-DS	2025-12-02 23:30:00	4.58	0.09	0.52	7.16	12.08	0.00	0.00
SQU-DS	2025-12-02 23:45:00	4.45	0.09	0.53	7.15	12.11	0.00	0.00
SQU-DS	2025-12-03 00:00:00	4.41	0.09	0.53	7.14	12.12	0.00	0.00
SQU-DS	2025-12-03 00:15:00	4.38	0.09	0.53	7.13	12.13	0.00	0.00
SQU-DS	2025-12-03 00:30:00	4.32	0.09	0.54	7.11	12.16	0.00	0.00
SQU-DS	2025-12-03 00:45:00	4.21	0.09	0.54	7.10	12.19	0.00	0.00
SQU-DS	2025-12-03 01:00:00	4.20	0.09	0.54	7.09	12.20	0.00	0.00
SQU-DS	2025-12-03 01:15:00	4.19	0.09	0.54	7.07	12.20	0.00	0.00
SQU-DS	2025-12-03 01:30:00	4.12	0.09	0.54	7.06	12.21	0.00	0.00
SQU-DS	2025-12-03 01:45:00	4.07	0.09	0.54	7.05	12.24	0.00	0.00
SQU-DS	2025-12-03 02:00:00	4.03	0.09	0.55	7.03	12.24	0.00	0.00
SQU-DS	2025-12-03 02:15:00	4.40	0.09	0.55	7.02	12.12	0.00	0.00
SQU-DS	2025-12-03 02:30:00	4.68	61.73	0.52	7.28	11.43	0.35	0.03
SQU-DS	2025-12-03 02:45:00	4.68	61.51	0.51	7.28	11.38	0.26	0.03
SQU-DS	2025-12-03 03:00:00	4.68	61.29	0.50	7.28	11.35	0.97	0.03
SQU-DS	2025-12-03 03:15:00	4.66	60.97	0.49	7.29	11.35	0.13	0.03
SQU-DS	2025-12-03 03:30:00	4.64	60.66	0.48	7.30	11.39	0.24	0.03
SQU-DS	2025-12-03 03:45:00	4.63	60.47	0.48	7.31	11.35	0.40	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-03 04:00:00	4.62	60.48	0.48	7.31	11.37	0.21	0.03
SQU-DS	2025-12-03 04:15:00	4.62	60.47	0.48	7.32	11.38	1.44	0.03
SQU-DS	2025-12-03 04:30:00	4.60	60.26	0.48	7.32	11.39	0.25	0.03
SQU-DS	2025-12-03 04:45:00	4.59	60.17	0.48	7.32	11.38	0.23	0.03
SQU-DS	2025-12-03 05:00:00	4.58	60.27	0.48	7.32	11.43	0.35	0.03
SQU-DS	2025-12-03 05:15:00	4.58	60.46	0.48	7.33	11.40	0.63	0.03
SQU-DS	2025-12-03 05:30:00	4.58	60.72	0.48	7.31	11.42	0.46	0.03
SQU-DS	2025-12-03 05:45:00	4.58	60.58	0.48	7.33	11.39	0.52	0.03
SQU-DS	2025-12-03 06:00:00	4.56	60.41	0.48	7.32	11.42	0.73	0.03
SQU-DS	2025-12-03 06:15:00	4.57	60.85	0.48	7.32	11.42	0.80	0.03
SQU-DS	2025-12-03 06:30:00	4.59	61.91	0.48	7.32	11.37	0.72	0.03
SQU-DS	2025-12-03 06:45:00	4.60	62.67	0.47	7.31	11.34	0.89	0.03
SQU-DS	2025-12-03 07:00:00	4.60	62.54	0.47	7.30	11.33	0.50	0.03
SQU-DS	2025-12-03 07:15:00	4.59	62.44	0.47	7.30	11.33	0.77	0.03
SQU-DS	2025-12-03 07:30:00	4.61	63.15	0.46	7.29	11.33	0.61	0.03
SQU-DS	2025-12-03 07:45:00	4.61	63.21	0.46	7.29	11.30	0.71	0.03
SQU-DS	2025-12-03 08:00:00	4.60	62.62	0.46	7.27	11.32	0.71	0.03
SQU-DS	2025-12-03 08:15:00	4.60	62.25	0.45	7.28	11.33	0.54	0.03
SQU-DS	2025-12-03 08:30:00	4.60	62.51	0.44	7.26	11.33	1.04	0.03
SQU-DS	2025-12-03 08:45:00	4.60	62.54	0.44	7.24	11.29	0.55	0.03
SQU-DS	2025-12-03 09:00:00	4.60	62.25	0.44	7.26	11.29	1.03	0.03
SQU-DS	2025-12-03 09:15:00	4.60	62.09	0.43	7.25	11.33	0.67	0.03
SQU-DS	2025-12-03 09:30:00	4.62	62.74	0.42	7.26	11.31	1.40	0.03
SQU-DS	2025-12-03 09:45:00	4.62	62.45	0.42	7.16	11.36	0.99	0.03
SQU-DS	2025-12-03 10:00:00	4.62	62.35	0.42	7.19	11.31	1.71	0.03
SQU-DS	2025-12-03 10:15:00	4.63	62.32	0.41	7.26	11.33	0.97	0.03
SQU-DS	2025-12-03 10:30:00	4.64	62.36	0.42	7.14	11.34	1.18	0.03
SQU-DS	2025-12-03 10:45:00	4.66	62.49	0.41	7.26	11.32	1.24	0.03
SQU-DS	2025-12-03 11:00:00	4.66	62.39	0.41	7.24	11.30	1.23	0.03
SQU-DS	2025-12-03 11:15:00	4.67	62.26	0.42	7.25	11.30	0.64	0.03
SQU-DS	2025-12-03 11:30:00	4.68	61.97	0.42	7.26	11.33	0.93	0.03
SQU-DS	2025-12-03 11:45:00	4.69	61.80	0.42	7.26	11.34	0.59	0.03
SQU-DS	2025-12-03 12:00:00	4.70	61.56	0.42	7.27	11.36	1.04	0.03
SQU-DS	2025-12-03 12:15:00	4.71	61.33	0.42	7.28	11.38	0.81	0.03
SQU-DS	2025-12-03 12:30:00	4.71	61.21	0.43	7.29	11.37	1.23	0.03
SQU-DS	2025-12-03 12:45:00	4.73	61.51	0.43	7.29	11.36	0.99	0.03
SQU-DS	2025-12-03 13:00:00	4.75	61.93	0.44	7.30	11.36	0.78	0.03
SQU-DS	2025-12-03 13:15:00	4.76	61.67	0.44	7.30	11.30	0.90	0.03
SQU-DS	2025-12-03 13:30:00	4.75	60.95	0.45	7.31	11.33	0.85	0.03
SQU-DS	2025-12-03 13:45:00	4.76	60.63	0.45	7.32	11.40	0.76	0.03
SQU-DS	2025-12-03 14:00:00	4.77	60.49	0.46	7.31	11.38	0.98	0.03
SQU-DS	2025-12-03 14:15:00	4.79	60.60	0.47	7.32	11.37	0.95	0.03
SQU-DS	2025-12-03 14:30:00	4.80	60.62	0.47	7.34	11.38	1.07	0.03
SQU-DS	2025-12-03 14:45:00	4.81	60.34	0.47	7.33	11.38	2.13	0.03
SQU-DS	2025-12-03 15:00:00	4.82	60.26	0.48	7.33	11.38	1.14	0.03
SQU-DS	2025-12-03 15:15:00	4.86	61.06	0.48	7.33	11.37	1.25	0.03
SQU-DS	2025-12-03 15:30:00	4.88	61.54	0.48	7.34	11.38	1.59	0.03
SQU-DS	2025-12-03 15:45:00	4.88	62.28	0.48	7.33	11.38	11.72	0.03
SQU-DS	2025-12-03 16:00:00	4.91	64.03	0.48	7.32	11.40	12.03	0.03
SQU-DS	2025-12-03 16:15:00	4.99	67.64	0.48	7.30	11.33	2.03	0.03
SQU-DS	2025-12-03 16:30:00	5.00	68.32	0.48	7.28	11.26	2.77	0.03
SQU-DS	2025-12-03 16:45:00	4.98	67.90	0.48	7.26	11.26	2.10	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-03 17:00:00	4.98	68.23	0.47	7.25	11.22	1.93	0.03
SQU-DS	2025-12-03 17:15:00	4.92	66.22	0.47	7.24	11.20	2.53	0.03
SQU-DS	2025-12-03 17:30:00	4.87	64.73	0.47	7.26	11.24	2.35	0.03
SQU-DS	2025-12-03 17:45:00	4.86	64.46	0.46	7.24	11.29	3.23	0.03
SQU-DS	2025-12-03 18:00:00	4.98	0.09	0.46	7.28	11.85	0.00	0.00
SQU-DS	2025-12-03 18:15:00	5.03	0.09	0.47	7.32	11.89	0.00	0.00
SQU-DS	2025-12-03 18:30:00	5.06	0.09	0.48	7.29	11.90	0.00	0.00
SQU-DS	2025-12-03 18:45:00	5.08	0.09	0.49	7.27	11.90	0.00	0.00
SQU-DS	2025-12-03 19:00:00	5.10	0.09	0.50	7.26	11.90	0.00	0.00
SQU-DS	2025-12-03 19:15:00	5.13	0.09	0.50	7.25	11.89	0.00	0.00
SQU-DS	2025-12-03 19:30:00	5.14	0.09	0.51	7.23	11.88	0.00	0.00
SQU-DS	2025-12-03 19:45:00	5.13	0.09	0.51	7.22	11.88	0.00	0.00
SQU-DS	2025-12-03 20:00:00	5.18	0.09	0.52	7.20	11.86	0.00	0.00
SQU-DS	2025-12-03 20:15:00	5.18	0.09	0.52	7.19	11.86	0.00	0.00
SQU-DS	2025-12-03 20:30:00	5.23	0.09	0.53	7.18	11.86	0.00	0.00
SQU-DS	2025-12-03 20:45:00	5.23	0.09	0.53	7.17	11.85	0.00	0.00
SQU-DS	2025-12-03 21:00:00	5.21	0.09	0.53	7.15	11.86	0.00	0.00
SQU-DS	2025-12-03 21:15:00	5.21	0.09	0.53	7.14	11.86	0.00	0.00
SQU-DS	2025-12-03 21:30:00	5.19	0.09	0.54	7.13	11.86	0.00	0.00
SQU-DS	2025-12-03 21:45:00	5.19	0.09	0.54	7.12	11.87	0.00	0.00
SQU-DS	2025-12-03 22:00:00	5.06	0.09	0.54	7.11	11.90	0.00	0.00
SQU-DS	2025-12-03 22:15:00	4.90	0.42	0.54	7.10	11.94	0.00	0.00
SQU-DS	2025-12-03 22:30:00	4.86	37.65	0.55	7.08	11.60	0.00	0.02
SQU-DS	2025-12-03 22:45:00	4.82	53.85	0.55	7.05	11.43	0.00	0.02
SQU-DS	2025-12-03 23:00:00	4.83	61.21	0.53	7.13	11.36	0.88	0.03
SQU-DS	2025-12-03 23:15:00	4.91	64.91	0.51	7.22	11.34	64.99	0.03
SQU-DS	2025-12-03 23:30:00	4.80	61.48	0.47	7.32	11.38	515.99	0.03
SQU-DS	2025-12-03 23:45:00	4.83	61.53	0.45	7.36	11.28	1872.91	0.03
SQU-DS	2025-12-04 00:00:00	4.79	60.71	0.44	7.34	11.36	2.98	0.03
SQU-DS	2025-12-04 00:15:00	4.82	61.58	0.43	7.34	11.32	4.89	0.03
SQU-DS	2025-12-04 00:30:00	4.80	61.61	0.43	7.29	11.37	1.93	0.03
SQU-DS	2025-12-04 00:45:00	4.78	60.40	0.42	7.26	11.39	3.68	0.03
SQU-DS	2025-12-04 01:00:00	4.79	60.65	0.42	7.21	11.36	3.28	0.03
SQU-DS	2025-12-04 01:15:00	4.78	60.17	0.42	7.21	11.39	2.61	0.03
SQU-DS	2025-12-04 01:30:00	4.77	59.85	0.42	7.19	11.41	1.95	0.03
SQU-DS	2025-12-04 01:45:00	4.79	60.05	0.41	7.18	11.37	1.50	0.03
SQU-DS	2025-12-04 02:00:00	4.77	59.20	0.41	7.20	11.42	1.51	0.03
SQU-DS	2025-12-04 02:15:00	4.79	59.77	0.41	7.18	11.40	1.63	0.03
SQU-DS	2025-12-04 02:30:00	4.78	59.42	0.41	7.18	11.42	1.73	0.03
SQU-DS	2025-12-04 02:45:00	4.77	58.78	0.40	7.20	11.43	1.99	0.03
SQU-DS	2025-12-04 03:00:00	4.77	58.60	0.40	7.27	11.43	1.97	0.03
SQU-DS	2025-12-04 03:15:00	4.77	58.33	0.40	7.27	11.40	2.04	0.03
SQU-DS	2025-12-04 03:30:00	4.77	57.99	0.41	7.26	11.41	3.24	0.03
SQU-DS	2025-12-04 03:45:00	4.76	57.76	0.41	7.29	11.45	2.51	0.03
SQU-DS	2025-12-04 04:00:00	4.76	57.85	0.42	7.29	11.47	2.00	0.03
SQU-DS	2025-12-04 04:15:00	4.77	57.89	0.42	7.32	11.49	1.92	0.03
SQU-DS	2025-12-04 04:30:00	4.77	58.00	0.43	7.32	11.49	1.78	0.03
SQU-DS	2025-12-04 04:45:00	4.76	57.82	0.44	7.33	11.46	2.37	0.03
SQU-DS	2025-12-04 05:00:00	4.76	57.90	0.44	7.33	11.48	2.25	0.03
SQU-DS	2025-12-04 05:15:00	4.77	58.30	0.45	7.34	11.50	2.71	0.03
SQU-DS	2025-12-04 05:30:00	4.78	59.01	0.46	7.35	11.46	3.01	0.03
SQU-DS	2025-12-04 05:45:00	4.78	58.95	0.46	7.35	11.45	3.60	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-04 06:00:00	4.77	58.67	0.47	7.35	11.43	3.91	0.03
SQU-DS	2025-12-04 06:15:00	4.76	59.04	0.47	7.36	11.45	4.00	0.03
SQU-DS	2025-12-04 06:30:00	4.78	59.95	0.48	7.36	11.44	3.66	0.03
SQU-DS	2025-12-04 06:45:00	4.80	60.82	0.48	7.36	11.43	3.78	0.03
SQU-DS	2025-12-04 07:00:00	4.79	60.33	0.48	7.36	11.42	3.79	0.03
SQU-DS	2025-12-04 07:15:00	4.78	60.36	0.48	7.36	11.44	5.39	0.03
SQU-DS	2025-12-04 07:30:00	4.80	61.67	0.49	7.36	11.42	5.49	0.03
SQU-DS	2025-12-04 07:45:00	4.82	62.46	0.49	7.36	11.38	5.68	0.03
SQU-DS	2025-12-04 08:00:00	4.82	62.50	0.49	7.35	11.37	6.15	0.03
SQU-DS	2025-12-04 08:15:00	4.82	62.61	0.49	7.35	11.34	8.20	0.03
SQU-DS	2025-12-04 08:30:00	4.87	64.56	0.49	7.33	11.32	6.09	0.03
SQU-DS	2025-12-04 08:45:00	4.86	64.16	0.49	7.33	11.29	3.80	0.03
SQU-DS	2025-12-04 09:00:00	4.86	63.30	0.49	7.33	11.29	3.81	0.03
SQU-DS	2025-12-04 09:15:00	4.84	62.69	0.49	7.33	11.27	3.81	0.03
SQU-DS	2025-12-04 09:30:00	4.84	62.46	0.49	7.32	11.31	4.49	0.03
SQU-DS	2025-12-04 09:45:00	4.86	62.87	0.49	7.34	11.27	4.12	0.03
SQU-DS	2025-12-04 10:00:00	4.89	63.42	0.49	7.32	11.25	4.52	0.03
SQU-DS	2025-12-04 10:15:00	4.89	63.10	0.48	7.29	11.29	4.68	0.03
SQU-DS	2025-12-04 10:30:00	4.90	63.03	0.48	7.32	11.26	4.45	0.03
SQU-DS	2025-12-04 10:45:00	4.90	62.74	0.48	7.32	11.26	4.31	0.03
SQU-DS	2025-12-04 11:00:00	4.91	62.69	0.48	7.30	11.27	4.46	0.03
SQU-DS	2025-12-04 11:15:00	4.92	62.55	0.48	7.31	11.26	4.16	0.03
SQU-DS	2025-12-04 11:30:00	4.94	63.09	0.48	7.30	11.24	4.33	0.03
SQU-DS	2025-12-04 11:45:00	4.96	62.99	0.48	7.29	11.21	4.44	0.03
SQU-DS	2025-12-04 12:00:00	4.95	62.46	0.48	7.29	11.21	4.48	0.03
SQU-DS	2025-12-04 12:15:00	4.96	62.31	0.48	7.31	11.24	4.55	0.03
SQU-DS	2025-12-04 12:30:00	4.96	62.35	0.48	7.30	11.26	4.30	0.03
SQU-DS	2025-12-04 12:45:00	4.97	62.47	0.48	7.31	11.25	4.28	0.03
SQU-DS	2025-12-04 13:00:00	4.96	62.37	0.48	7.31	11.28	4.23	0.03
SQU-DS	2025-12-04 13:15:00	4.98	62.72	0.48	7.32	11.24	5.20	0.03
SQU-DS	2025-12-04 13:30:00	4.98	62.92	0.48	7.32	11.24	4.34	0.03
SQU-DS	2025-12-04 13:45:00	4.97	62.46	0.48	7.32	11.24	5.39	0.03
SQU-DS	2025-12-04 14:00:00	4.97	62.23	0.48	7.33	11.25	4.66	0.03
SQU-DS	2025-12-04 14:15:00	4.97	61.96	0.49	7.33	11.27	4.89	0.03
SQU-DS	2025-12-04 14:30:00	4.97	61.73	0.49	7.33	11.30	4.43	0.03
SQU-DS	2025-12-04 14:45:00	4.97	61.65	0.49	7.34	11.31	4.44	0.03
SQU-DS	2025-12-04 15:00:00	4.98	61.86	0.49	7.34	11.31	4.60	0.03
SQU-DS	2025-12-04 15:15:00	4.96	61.34	0.49	7.34	11.33	5.74	0.03
SQU-DS	2025-12-04 15:30:00	4.95	60.89	0.49	7.34	11.33	5.58	0.03
SQU-DS	2025-12-04 15:45:00	4.97	62.11	0.49	7.33	11.31	5.67	0.03
SQU-DS	2025-12-04 16:00:00	5.00	63.70	0.49	7.33	11.29	5.50	0.03
SQU-DS	2025-12-04 16:15:00	4.99	63.76	0.49	7.32	11.24	5.68	0.03
SQU-DS	2025-12-04 16:30:00	4.93	61.71	0.50	7.31	11.30	6.11	0.03
SQU-DS	2025-12-04 16:45:00	4.93	62.59	0.49	7.32	11.32	6.61	0.03
SQU-DS	2025-12-04 17:00:00	4.99	65.98	0.49	7.30	11.24	7.35	0.03
SQU-DS	2025-12-04 17:15:00	4.98	65.81	0.49	7.28	11.18	6.56	0.03
SQU-DS	2025-12-04 17:30:00	4.92	63.84	0.49	7.26	11.22	6.20	0.03
SQU-DS	2025-12-04 17:45:00	4.93	64.11	0.49	7.27	11.22	7.30	0.03
SQU-DS	2025-12-04 18:00:00	4.91	62.78	0.48	7.27	11.17	6.52	0.03
SQU-DS	2025-12-04 18:15:00	4.87	61.72	0.48	7.22	11.25	6.49	0.03
SQU-DS	2025-12-04 18:30:00	4.85	60.75	0.48	7.21	11.29	8.50	0.03
SQU-DS	2025-12-04 18:45:00	4.86	60.77	0.47	7.25	11.26	7.44	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-04 19:00:00	4.82	59.09	0.47	7.29	11.34	203.32	0.03
SQU-DS	2025-12-04 19:15:00	4.82	46.25	0.47	7.36	11.39	0.43	0.02
SQU-DS	2025-12-04 19:30:00	4.82	37.15	0.48	7.34	11.44	0.47	0.02
SQU-DS	2025-12-04 19:45:00	4.82	28.08	0.49	7.33	11.47	0.64	0.01
SQU-DS	2025-12-04 20:00:00	4.83	14.16	0.49	7.31	11.48	0.54	0.01
SQU-DS	2025-12-04 20:15:00	4.84	9.62	0.50	7.31	11.49	0.65	0.00
SQU-DS	2025-12-04 20:30:00	4.86	35.71	0.51	7.28	11.44	0.32	0.02
SQU-DS	2025-12-04 20:45:00	4.86	8.72	0.51	7.29	11.47	0.41	0.00
SQU-DS	2025-12-04 21:00:00	4.88	32.08	0.52	7.25	11.48	0.52	0.01
SQU-DS	2025-12-04 21:15:00	4.88	3.77	0.53	7.21	11.49	0.27	0.00
SQU-DS	2025-12-04 21:30:00	4.88	11.38	0.53	7.16	11.46	0.44	0.00
SQU-DS	2025-12-04 21:45:00	4.89	18.45	0.53	7.13	11.49	0.41	0.01
SQU-DS	2025-12-04 22:00:00	4.90	15.38	0.54	7.09	11.47	0.35	0.01
SQU-DS	2025-12-04 22:15:00	4.90	13.15	0.54	7.06	11.47	0.59	0.00
SQU-DS	2025-12-04 22:30:00	4.90	34.91	0.54	7.03	11.48	0.50	0.01
SQU-DS	2025-12-04 22:45:00	4.90	22.04	0.54	7.02	11.48	0.45	0.01
SQU-DS	2025-12-04 23:00:00	4.90	13.57	0.55	7.00	11.49	0.42	0.00
SQU-DS	2025-12-04 23:15:00	4.90	18.49	0.55	6.99	11.50	0.55	0.01
SQU-DS	2025-12-04 23:30:00	4.91	6.80	0.55	6.98	11.46	0.56	0.00
SQU-DS	2025-12-04 23:45:00	4.90	6.75	0.55	6.98	11.54	0.60	0.00
SQU-DS	2025-12-05 00:00:00	4.90	13.43	0.55	6.97	11.51	0.53	0.00
SQU-DS	2025-12-05 00:15:00	4.90	1.49	0.55	6.96	11.52	0.70	0.00
SQU-DS	2025-12-05 00:30:00	4.90	8.78	0.55	6.94	11.51	0.42	0.00
SQU-DS	2025-12-05 00:45:00	4.89	16.53	0.55	6.94	11.56	0.53	0.01
SQU-DS	2025-12-05 01:00:00	4.89	0.38	0.56	6.93	11.57	0.63	0.00
SQU-DS	2025-12-05 01:15:00	4.89	3.07	0.56	6.92	11.57	0.56	0.00
SQU-DS	2025-12-05 01:30:00	4.88	7.67	0.56	6.91	11.58	0.48	0.00
SQU-DS	2025-12-05 01:45:00	4.90	6.35	0.56	6.90	11.57	0.55	0.00
SQU-DS	2025-12-05 02:00:00	4.88	8.50	0.56	6.89	11.60	0.67	0.00
SQU-DS	2025-12-05 02:15:00	4.89	4.12	0.56	6.88	11.65	0.51	0.00
SQU-DS	2025-12-05 02:30:00	4.87	2.28	0.56	6.88	11.66	0.62	0.00
SQU-DS	2025-12-05 02:45:00	4.86	2.15	0.56	6.86	11.67	0.64	0.00
SQU-DS	2025-12-05 03:00:00	4.86	0.50	0.56	6.86	11.66	0.65	0.00
SQU-DS	2025-12-05 03:15:00	4.86	8.91	0.56	6.84	11.55	0.62	0.00
SQU-DS	2025-12-05 03:30:00	4.86	46.43	0.56	6.87	11.38	0.16	0.02
SQU-DS	2025-12-05 03:45:00	4.86	60.38	0.53	7.30	11.35	2.79	0.03
SQU-DS	2025-12-05 04:00:00	4.86	60.25	0.52	7.30	11.36	1.17	0.03
SQU-DS	2025-12-05 04:15:00	4.85	59.94	0.51	7.31	11.34	2.04	0.03
SQU-DS	2025-12-05 04:30:00	4.84	59.68	0.51	7.31	11.33	0.96	0.03
SQU-DS	2025-12-05 04:45:00	4.84	59.54	0.51	7.33	11.37	1.13	0.03
SQU-DS	2025-12-05 05:00:00	4.83	59.40	0.50	7.34	11.33	1.24	0.03
SQU-DS	2025-12-05 05:15:00	4.83	59.29	0.51	7.35	11.36	0.94	0.03
SQU-DS	2025-12-05 05:30:00	4.83	59.23	0.51	7.36	11.34	1.46	0.03
SQU-DS	2025-12-05 05:45:00	4.82	59.19	0.51	7.36	11.35	2.43	0.03
SQU-DS	2025-12-05 06:00:00	4.82	59.14	0.51	7.37	11.35	2.41	0.03
SQU-DS	2025-12-05 06:15:00	4.82	59.26	0.51	7.36	11.40	2.80	0.03
SQU-DS	2025-12-05 06:30:00	4.82	59.49	0.51	7.36	11.41	3.38	0.03
SQU-DS	2025-12-05 06:45:00	4.83	59.59	0.50	7.37	11.41	5.94	0.03
SQU-DS	2025-12-05 07:00:00	4.82	59.54	0.51	7.36	11.40	6.50	0.03
SQU-DS	2025-12-05 07:15:00	4.81	59.41	0.50	7.38	11.40	5.78	0.03
SQU-DS	2025-12-05 07:30:00	4.81	59.45	0.51	7.39	11.40	5.14	0.03
SQU-DS	2025-12-05 07:45:00	4.81	59.50	0.51	7.38	11.38	5.48	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-05 08:00:00	4.81	59.73	0.51	7.39	11.38	4.74	0.03
SQU-DS	2025-12-05 08:15:00	4.83	60.55	0.51	7.39	11.36	4.52	0.03
SQU-DS	2025-12-05 08:30:00	4.83	60.65	0.51	7.38	11.33	4.73	0.03
SQU-DS	2025-12-05 08:45:00	4.83	61.05	0.51	7.38	11.31	6.27	0.03
SQU-DS	2025-12-05 09:00:00	4.85	62.43	0.51	7.37	11.31	3.83	0.03
SQU-DS	2025-12-05 09:15:00	4.88	63.75	0.52	7.34	11.27	3.94	0.03
SQU-DS	2025-12-05 09:30:00	4.88	63.43	0.51	7.35	11.21	3.92	0.03
SQU-DS	2025-12-05 09:45:00	4.88	63.56	0.51	7.34	11.19	5.11	0.03
SQU-DS	2025-12-05 10:00:00	4.87	62.65	0.51	7.35	11.14	5.71	0.03
SQU-DS	2025-12-05 10:15:00	4.87	62.02	0.51	7.34	11.20	5.27	0.03
SQU-DS	2025-12-05 10:30:00	4.88	61.99	0.51	7.33	11.25	4.55	0.03
SQU-DS	2025-12-05 10:45:00	4.91	63.15	0.51	7.34	11.19	4.73	0.03
SQU-DS	2025-12-05 11:00:00	4.90	61.88	0.51	7.33	11.19	4.88	0.03
SQU-DS	2025-12-05 11:15:00	4.90	61.51	0.51	7.33	11.22	5.44	0.03
SQU-DS	2025-12-05 11:30:00	4.91	61.29	0.51	7.34	11.23	5.70	0.03
SQU-DS	2025-12-05 11:45:00	4.93	61.53	0.51	7.32	11.21	5.49	0.03
SQU-DS	2025-12-05 12:00:00	4.95	61.43	0.51	7.34	11.24	5.22	0.03
SQU-DS	2025-12-05 12:15:00	4.95	60.82	0.51	7.36	11.26	5.12	0.03
SQU-DS	2025-12-05 12:30:00	4.96	60.63	0.51	7.34	11.25	5.09	0.03
SQU-DS	2025-12-05 12:45:00	4.97	60.68	0.51	7.36	11.25	5.28	0.03
SQU-DS	2025-12-05 13:00:00	4.96	60.09	0.51	7.35	11.26	5.46	0.03
SQU-DS	2025-12-05 13:15:00	4.96	60.01	0.51	7.33	11.26	5.52	0.03
SQU-DS	2025-12-05 13:30:00	4.96	59.72	0.50	7.35	11.27	5.98	0.03
SQU-DS	2025-12-05 13:45:00	4.94	59.38	0.50	7.36	11.26	6.39	0.03
SQU-DS	2025-12-05 14:00:00	4.93	58.98	0.51	7.35	11.28	6.33	0.03
SQU-DS	2025-12-05 14:15:00	4.92	58.77	0.51	7.35	11.33	6.63	0.03
SQU-DS	2025-12-05 14:30:00	4.93	58.81	0.51	7.37	11.30	7.47	0.03
SQU-DS	2025-12-05 14:45:00	4.94	59.19	0.51	7.37	11.32	7.24	0.03
SQU-DS	2025-12-05 15:00:00	4.93	59.05	0.51	7.38	11.31	8.54	0.03
SQU-DS	2025-12-05 15:15:00	4.91	58.45	0.51	7.38	11.33	9.91	0.03
SQU-DS	2025-12-05 15:30:00	4.90	58.63	0.51	7.38	11.37	9.72	0.03
SQU-DS	2025-12-05 15:45:00	4.90	59.05	0.51	7.41	11.34	7.10	0.03
SQU-DS	2025-12-05 16:00:00	4.93	60.30	0.51	7.40	11.34	8.73	0.03
SQU-DS	2025-12-05 16:15:00	4.89	59.89	0.51	7.37	11.33	10.24	0.03
SQU-DS	2025-12-05 16:30:00	4.87	59.59	0.51	7.39	11.35	7.45	0.03
SQU-DS	2025-12-05 16:45:00	4.89	61.13	0.51	7.39	11.34	7.37	0.03
SQU-DS	2025-12-05 17:00:00	4.90	62.55	0.51	7.40	11.31	6.43	0.03
SQU-DS	2025-12-05 17:15:00	4.91	63.15	0.51	7.40	11.26	5.41	0.03
SQU-DS	2025-12-05 17:30:00	4.86	61.67	0.52	7.39	11.26	5.30	0.03
SQU-DS	2025-12-05 17:45:00	4.91	64.68	0.52	7.39	11.24	8.52	0.03
SQU-DS	2025-12-05 18:00:00	4.99	68.61	0.52	7.35	11.16	9.95	0.03
SQU-DS	2025-12-05 18:15:00	4.97	67.90	0.52	7.35	11.12	12.12	0.03
SQU-DS	2025-12-05 18:30:00	4.91	64.70	0.52	7.35	11.11	12.84	0.03
SQU-DS	2025-12-05 18:45:00	4.85	62.40	0.52	7.36	11.19	12.05	0.03
SQU-DS	2025-12-05 19:00:00	4.84	61.80	0.51	7.37	11.18	11.30	0.03
SQU-DS	2025-12-05 19:15:00	4.83	61.69	0.51	7.37	11.20	11.18	0.03
SQU-DS	2025-12-05 19:30:00	4.81	61.01	0.51	7.36	11.19	11.45	0.03
SQU-DS	2025-12-05 19:45:00	4.81	60.67	0.51	7.37	11.19	11.79	0.03
SQU-DS	2025-12-05 20:00:00	4.80	60.13	0.51	7.37	11.23	11.93	0.03
SQU-DS	2025-12-05 20:15:00	4.81	60.28	0.51	7.38	11.20	23.34	0.03
SQU-DS	2025-12-05 20:30:00	4.79	59.94	0.51	7.33	11.20	11.85	0.03
SQU-DS	2025-12-05 20:45:00	4.79	59.87	0.51	7.37	11.23	10.87	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-05 21:00:00	4.78	60.02	0.50	7.38	11.22	11.21	0.03
SQU-DS	2025-12-05 21:15:00	4.78	59.89	0.51	7.36	11.23	10.36	0.03
SQU-DS	2025-12-05 21:30:00	4.79	60.08	0.50	7.36	11.23	10.85	0.03
SQU-DS	2025-12-05 21:45:00	4.79	60.22	0.50	7.38	11.23	10.50	0.03
SQU-DS	2025-12-05 22:00:00	4.78	60.08	0.50	7.37	11.22	13.93	0.03
SQU-DS	2025-12-05 22:15:00	4.78	60.17	0.50	7.33	11.21	10.13	0.03
SQU-DS	2025-12-05 22:30:00	4.78	60.18	0.50	7.36	11.25	9.47	0.03
SQU-DS	2025-12-05 22:45:00	4.78	60.20	0.50	7.34	11.24	10.55	0.03
SQU-DS	2025-12-05 23:00:00	4.79	60.72	0.50	7.35	11.21	10.10	0.03
SQU-DS	2025-12-05 23:15:00	4.78	60.18	0.50	7.36	11.23	10.44	0.03
SQU-DS	2025-12-05 23:30:00	4.78	59.96	0.50	7.35	11.23	9.33	0.03
SQU-DS	2025-12-05 23:45:00	4.79	60.28	0.50	7.35	11.23	9.45	0.03
SQU-DS	2025-12-06 00:00:00	4.78	60.03	0.50	7.34	11.24	10.41	0.03
SQU-DS	2025-12-06 00:15:00	4.79	60.29	0.50	7.37	11.24	10.09	0.03
SQU-DS	2025-12-06 00:30:00	4.78	60.09	0.50	7.33	11.24	11.27	0.03
SQU-DS	2025-12-06 00:45:00	4.78	60.19	0.50	7.36	11.23	10.11	0.03
SQU-DS	2025-12-06 01:00:00	4.78	59.98	0.50	7.34	11.24	12.95	0.03
SQU-DS	2025-12-06 01:15:00	4.78	59.90	0.50	7.38	11.24	20.07	0.03
SQU-DS	2025-12-06 01:30:00	4.77	59.73	0.50	7.33	11.26	8.89	0.03
SQU-DS	2025-12-06 01:45:00	4.77	59.81	0.49	7.35	11.24	8.59	0.03
SQU-DS	2025-12-06 02:00:00	4.77	59.64	0.49	7.34	11.25	8.88	0.03
SQU-DS	2025-12-06 02:15:00	4.77	59.56	0.49	7.36	11.26	9.17	0.03
SQU-DS	2025-12-06 02:30:00	4.76	59.48	0.49	7.36	11.27	7.98	0.03
SQU-DS	2025-12-06 02:45:00	4.76	59.50	0.49	7.38	11.26	7.55	0.03
SQU-DS	2025-12-06 03:00:00	4.76	59.29	0.49	7.37	11.26	8.27	0.03
SQU-DS	2025-12-06 03:15:00	4.75	59.24	0.49	7.34	11.26	9.07	0.03
SQU-DS	2025-12-06 03:30:00	4.75	58.96	0.49	7.37	11.26	7.71	0.03
SQU-DS	2025-12-06 03:45:00	4.75	58.81	0.49	7.33	11.29	9.40	0.03
SQU-DS	2025-12-06 04:00:00	4.76	58.97	0.49	7.36	11.28	8.31	0.03
SQU-DS	2025-12-06 04:15:00	4.75	58.48	0.49	7.35	11.27	7.48	0.03
SQU-DS	2025-12-06 04:30:00	4.75	58.38	0.49	7.36	11.27	8.94	0.03
SQU-DS	2025-12-06 04:45:00	4.75	57.94	0.48	7.40	11.30	7.88	0.03
SQU-DS	2025-12-06 05:00:00	4.74	57.48	0.48	7.40	11.31	8.27	0.03
SQU-DS	2025-12-06 05:15:00	4.74	57.12	0.49	7.38	11.30	8.02	0.03
SQU-DS	2025-12-06 05:30:00	4.74	56.91	0.49	7.42	11.31	7.92	0.03
SQU-DS	2025-12-06 05:45:00	4.72	56.62	0.49	7.39	11.30	17.55	0.03
SQU-DS	2025-12-06 06:00:00	4.72	56.66	0.49	7.45	11.28	9.82	0.03
SQU-DS	2025-12-06 06:15:00	4.71	56.18	0.50	7.45	11.22	10.35	0.02
SQU-DS	2025-12-06 06:30:00	4.70	55.94	0.50	7.43	11.21	11.31	0.02
SQU-DS	2025-12-06 06:45:00	4.71	55.90	0.50	7.46	11.20	11.44	0.02
SQU-DS	2025-12-06 07:00:00	4.70	55.84	0.51	7.43	11.20	10.04	0.02
SQU-DS	2025-12-06 07:15:00	4.70	55.70	0.51	7.44	11.20	10.26	0.02
SQU-DS	2025-12-06 07:30:00	4.70	55.82	0.51	7.44	11.20	10.87	0.02
SQU-DS	2025-12-06 07:45:00	4.70	55.64	0.51	7.44	11.20	9.84	0.02
SQU-DS	2025-12-06 08:00:00	4.70	55.53	0.51	7.43	11.21	10.59	0.02
SQU-DS	2025-12-06 08:15:00	4.70	55.95	0.51	7.44	11.21	6.28	0.02
SQU-DS	2025-12-06 08:30:00	4.71	56.60	0.52	7.42	11.20	6.14	0.03
SQU-DS	2025-12-06 08:45:00	4.73	58.19	0.52	7.43	11.20	4.57	0.03
SQU-DS	2025-12-06 09:00:00	4.75	59.63	0.52	7.42	11.16	4.53	0.03
SQU-DS	2025-12-06 09:15:00	4.76	60.05	0.52	7.42	11.13	3.74	0.03
SQU-DS	2025-12-06 09:30:00	4.77	60.12	0.52	7.41	11.08	4.71	0.03
SQU-DS	2025-12-06 09:45:00	4.81	62.05	0.52	7.42	11.04	4.14	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-06 10:00:00	4.83	61.76	0.52	7.42	11.00	16.43	0.03
SQU-DS	2025-12-06 10:15:00	4.86	61.66	0.52	7.39	10.96	10.59	0.03
SQU-DS	2025-12-06 10:30:00	4.86	59.79	0.52	7.36	10.97	11.78	0.03
SQU-DS	2025-12-06 10:45:00	4.87	58.49	0.52	7.39	11.00	12.48	0.03
SQU-DS	2025-12-06 11:00:00	4.90	58.27	0.52	7.38	11.03	11.48	0.03
SQU-DS	2025-12-06 11:15:00	4.91	58.09	0.52	7.38	11.05	10.55	0.03
SQU-DS	2025-12-06 11:30:00	4.92	58.11	0.52	7.36	11.02	10.19	0.03
SQU-DS	2025-12-06 11:45:00	4.93	58.07	0.51	7.39	11.05	10.48	0.03
SQU-DS	2025-12-06 12:00:00	4.94	57.38	0.51	7.38	11.07	10.65	0.03
SQU-DS	2025-12-06 12:15:00	4.95	56.74	0.51	7.37	11.10	10.64	0.03
SQU-DS	2025-12-06 12:30:00	4.97	56.86	0.51	7.35	11.10	9.54	0.03
SQU-DS	2025-12-06 12:45:00	4.98	57.12	0.51	7.40	11.09	9.13	0.03
SQU-DS	2025-12-06 13:00:00	4.99	57.00	0.51	7.39	11.09	9.39	0.03
SQU-DS	2025-12-06 13:15:00	5.00	56.40	0.51	7.36	11.11	9.22	0.03
SQU-DS	2025-12-06 13:30:00	5.01	56.01	0.51	7.36	11.11	10.88	0.02
SQU-DS	2025-12-06 13:45:00	5.02	55.88	0.50	7.41	11.11	8.95	0.02
SQU-DS	2025-12-06 14:00:00	5.04	55.98	0.51	7.36	11.11	9.71	0.02
SQU-DS	2025-12-06 14:15:00	5.03	55.60	0.50	7.41	11.10	10.25	0.02
SQU-DS	2025-12-06 14:30:00	5.02	54.97	0.50	7.40	11.10	11.66	0.02
SQU-DS	2025-12-06 14:45:00	5.02	54.98	0.50	7.40	11.12	11.24	0.02
SQU-DS	2025-12-06 15:00:00	5.02	55.49	0.51	7.38	11.12	11.31	0.02
SQU-DS	2025-12-06 15:15:00	5.02	55.60	0.51	7.40	11.14	9.36	0.02
SQU-DS	2025-12-06 15:30:00	5.00	54.78	0.51	7.40	11.12	8.83	0.02
SQU-DS	2025-12-06 15:45:00	5.00	54.60	0.51	7.41	11.14	10.48	0.02
SQU-DS	2025-12-06 16:00:00	5.00	54.72	0.51	7.41	11.11	9.48	0.02
SQU-DS	2025-12-06 16:15:00	5.00	54.72	0.51	7.39	11.10	11.07	0.02
SQU-DS	2025-12-06 16:30:00	5.01	55.11	0.51	7.40	11.09	10.90	0.02
SQU-DS	2025-12-06 16:45:00	5.01	55.32	0.51	7.42	11.06	9.82	0.02
SQU-DS	2025-12-06 17:00:00	5.01	55.88	0.52	7.41	11.04	10.72	0.02
SQU-DS	2025-12-06 17:15:00	5.00	55.53	0.52	7.41	11.02	14.91	0.02
SQU-DS	2025-12-06 17:30:00	5.03	56.52	0.52	7.44	11.01	12.29	0.03
SQU-DS	2025-12-06 17:45:00	5.04	57.49	0.52	7.39	10.99	12.79	0.03
SQU-DS	2025-12-06 18:00:00	5.05	58.13	0.52	7.40	10.99	12.10	0.03
SQU-DS	2025-12-06 18:15:00	5.03	57.28	0.52	7.38	11.00	10.68	0.03
SQU-DS	2025-12-06 18:30:00	5.05	57.34	0.52	7.36	11.06	13.04	0.03
SQU-DS	2025-12-06 18:45:00	5.06	57.42	0.52	7.35	11.07	11.43	0.03
SQU-DS	2025-12-06 19:00:00	5.06	57.37	0.52	7.37	11.09	11.86	0.03
SQU-DS	2025-12-06 19:15:00	5.05	56.67	0.52	7.33	11.11	11.96	0.03
SQU-DS	2025-12-06 19:30:00	5.05	55.80	0.52	7.34	11.12	10.41	0.02
SQU-DS	2025-12-06 19:45:00	5.04	55.15	0.52	7.36	11.16	9.78	0.02
SQU-DS	2025-12-06 20:00:00	5.03	55.10	0.51	7.34	11.16	7.88	0.02
SQU-DS	2025-12-06 20:15:00	5.03	54.67	0.51	7.33	11.17	10.05	0.02
SQU-DS	2025-12-06 20:30:00	5.02	54.39	0.51	7.32	11.17	9.31	0.02
SQU-DS	2025-12-06 20:45:00	5.03	54.34	0.51	7.35	11.18	8.74	0.02
SQU-DS	2025-12-06 21:00:00	5.02	54.12	0.50	7.36	11.18	8.02	0.02
SQU-DS	2025-12-06 21:15:00	5.02	54.20	0.51	7.33	11.18	9.50	0.02
SQU-DS	2025-12-06 21:30:00	5.01	54.15	0.50	7.34	11.20	7.99	0.02
SQU-DS	2025-12-06 21:45:00	5.02	54.17	0.50	7.32	11.18	8.74	0.02
SQU-DS	2025-12-06 22:00:00	5.00	53.95	0.50	7.33	11.19	8.62	0.02
SQU-DS	2025-12-06 22:15:00	5.01	53.99	0.50	7.31	11.19	8.18	0.02
SQU-DS	2025-12-06 22:30:00	5.00	53.95	0.50	7.32	11.20	8.55	0.02
SQU-DS	2025-12-06 22:45:00	5.00	54.03	0.50	7.32	11.17	8.44	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-06 23:00:00	5.00	54.10	0.50	7.33	11.18	8.04	0.02
SQU-DS	2025-12-06 23:15:00	4.99	53.88	0.50	7.27	11.19	10.21	0.02
SQU-DS	2025-12-06 23:30:00	4.99	53.90	0.50	7.29	11.20	8.23	0.02
SQU-DS	2025-12-06 23:45:00	4.99	53.75	0.50	7.30	11.19	8.28	0.02
SQU-DS	2025-12-07 00:00:00	5.00	53.80	0.50	7.32	11.20	8.55	0.02
SQU-DS	2025-12-07 00:15:00	4.99	53.66	0.50	7.28	11.20	8.48	0.02
SQU-DS	2025-12-07 00:30:00	5.00	53.67	0.50	7.32	11.21	8.42	0.02
SQU-DS	2025-12-07 00:45:00	4.99	53.43	0.50	7.30	11.24	8.07	0.02
SQU-DS	2025-12-07 01:00:00	5.00	53.72	0.49	7.32	11.22	7.64	0.02
SQU-DS	2025-12-07 01:15:00	5.01	53.53	0.50	7.31	11.20	7.90	0.02
SQU-DS	2025-12-07 01:30:00	4.99	53.06	0.50	7.29	11.23	10.10	0.02
SQU-DS	2025-12-07 01:45:00	4.99	53.23	0.49	7.33	11.23	7.53	0.02
SQU-DS	2025-12-07 02:00:00	4.99	53.02	0.50	7.30	11.23	9.38	0.02
SQU-DS	2025-12-07 02:15:00	4.99	53.02	0.50	7.26	11.23	13.30	0.02
SQU-DS	2025-12-07 02:30:00	4.98	52.80	0.49	7.29	11.21	10.09	0.02
SQU-DS	2025-12-07 02:45:00	4.98	52.57	0.49	7.31	11.23	9.42	0.02
SQU-DS	2025-12-07 03:00:00	4.99	52.71	0.49	7.32	11.21	9.07	0.02
SQU-DS	2025-12-07 03:15:00	4.99	52.75	0.49	7.33	11.21	9.35	0.02
SQU-DS	2025-12-07 03:30:00	4.98	52.55	0.49	7.31	11.21	9.36	0.02
SQU-DS	2025-12-07 03:45:00	4.98	52.55	0.49	7.32	11.22	9.70	0.02
SQU-DS	2025-12-07 04:00:00	4.98	52.41	0.49	7.31	11.23	8.95	0.02
SQU-DS	2025-12-07 04:15:00	4.97	52.41	0.49	7.30	11.24	9.40	0.02
SQU-DS	2025-12-07 04:30:00	4.97	52.31	0.49	7.29	11.25	9.52	0.02
SQU-DS	2025-12-07 04:45:00	4.97	52.39	0.48	7.32	11.24	9.32	0.02
SQU-DS	2025-12-07 05:00:00	4.97	52.48	0.48	7.28	11.24	9.29	0.02
SQU-DS	2025-12-07 05:15:00	4.97	52.24	0.47	7.30	11.23	8.15	0.02
SQU-DS	2025-12-07 05:30:00	4.96	51.78	0.47	7.28	11.23	8.43	0.02
SQU-DS	2025-12-07 05:45:00	4.96	51.55	0.47	7.29	11.24	15.03	0.02
SQU-DS	2025-12-07 06:00:00	4.96	51.24	0.47	7.33	11.26	8.87	0.02
SQU-DS	2025-12-07 06:15:00	4.97	51.09	0.47	7.35	11.26	13.71	0.02
SQU-DS	2025-12-07 06:30:00	4.97	51.04	0.47	7.36	11.25	8.82	0.02
SQU-DS	2025-12-07 06:45:00	4.97	50.98	0.48	7.40	11.22	9.21	0.02
SQU-DS	2025-12-07 07:00:00	4.96	50.41	0.48	7.38	11.18	8.08	0.02
SQU-DS	2025-12-07 07:15:00	4.97	50.31	0.49	7.40	11.17	10.64	0.02
SQU-DS	2025-12-07 07:30:00	4.98	50.17	0.49	7.40	11.15	10.02	0.02
SQU-DS	2025-12-07 07:45:00	4.99	49.86	0.49	7.40	11.15	10.15	0.02
SQU-DS	2025-12-07 08:00:00	4.98	49.83	0.50	7.37	11.12	11.07	0.02
SQU-DS	2025-12-07 08:15:00	4.99	49.98	0.50	7.38	11.12	9.28	0.02
SQU-DS	2025-12-07 08:30:00	5.01	50.19	0.50	7.40	11.13	6.70	0.02
SQU-DS	2025-12-07 08:45:00	5.02	50.00	0.51	7.39	11.11	6.27	0.02
SQU-DS	2025-12-07 09:00:00	5.04	49.71	0.51	7.40	11.12	6.09	0.02
SQU-DS	2025-12-07 09:15:00	5.05	50.62	0.51	7.41	11.11	18.31	0.02
SQU-DS	2025-12-07 09:30:00	5.07	51.79	0.51	7.40	11.09	6.74	0.02
SQU-DS	2025-12-07 09:45:00	5.09	52.92	0.51	7.37	11.09	6.05	0.02
SQU-DS	2025-12-07 10:00:00	5.11	53.63	0.51	7.38	11.05	6.50	0.02
SQU-DS	2025-12-07 10:15:00	5.12	53.82	0.51	7.38	11.03	9.04	0.02
SQU-DS	2025-12-07 10:30:00	5.17	56.22	0.51	7.38	11.00	9.75	0.02
SQU-DS	2025-12-07 10:45:00	5.21	58.57	0.52	7.37	10.97	10.27	0.03
SQU-DS	2025-12-07 11:00:00	5.22	58.48	0.52	7.36	10.94	10.63	0.03
SQU-DS	2025-12-07 11:15:00	5.23	57.47	0.52	7.32	10.95	9.60	0.03
SQU-DS	2025-12-07 11:30:00	5.23	56.66	0.51	7.33	11.00	11.52	0.03
SQU-DS	2025-12-07 11:45:00	5.23	55.55	0.51	7.32	11.00	11.33	0.02

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-07 12:00:00	5.25	54.97	0.51	7.29	11.02	11.61	0.02
SQU-DS	2025-12-07 12:15:00	5.25	54.17	0.51	7.32	11.05	10.50	0.02
SQU-DS	2025-12-07 12:30:00	5.26	54.21	0.51	7.31	11.06	10.84	0.02
SQU-DS	2025-12-07 12:45:00	5.27	53.96	0.50	7.33	11.04	11.49	0.02
SQU-DS	2025-12-07 13:00:00	5.30	53.93	0.50	7.31	11.04	10.46	0.02
SQU-DS	2025-12-07 13:15:00	5.32	54.23	0.49	7.33	11.06	10.55	0.02
SQU-DS	2025-12-07 13:30:00	5.32	53.70	0.49	7.36	11.03	11.20	0.02
SQU-DS	2025-12-07 13:45:00	5.31	52.87	0.48	7.34	11.03	10.45	0.02
SQU-DS	2025-12-07 14:00:00	5.31	52.89	0.48	7.34	11.05	10.63	0.02
SQU-DS	2025-12-07 14:15:00	5.30	52.64	0.48	7.34	11.06	11.45	0.02
SQU-DS	2025-12-07 14:30:00	5.31	52.76	0.48	7.33	11.06	10.93	0.02
SQU-DS	2025-12-07 14:45:00	5.31	52.56	0.47	7.36	11.05	12.95	0.02
SQU-DS	2025-12-07 15:00:00	5.32	51.90	0.47	7.32	11.07	12.63	0.02
SQU-DS	2025-12-07 15:15:00	5.32	51.64	0.47	7.34	11.06	11.17	0.02
SQU-DS	2025-12-07 15:30:00	5.32	51.33	0.48	7.34	11.07	11.87	0.02
SQU-DS	2025-12-07 15:45:00	5.33	52.04	0.48	7.31	11.06	12.28	0.02
SQU-DS	2025-12-07 16:00:00	5.33	51.81	0.48	7.33	11.07	12.26	0.02
SQU-DS	2025-12-07 16:15:00	5.32	50.86	0.48	7.32	11.09	11.94	0.02
SQU-DS	2025-12-07 16:30:00	5.33	50.68	0.48	7.36	11.10	11.55	0.02
SQU-DS	2025-12-07 16:45:00	5.34	50.93	0.48	7.38	11.09	11.05	0.02
SQU-DS	2025-12-07 17:00:00	5.35	51.11	0.49	7.36	11.08	11.59	0.02
SQU-DS	2025-12-07 17:15:00	5.36	50.91	0.49	7.39	11.05	11.53	0.02
SQU-DS	2025-12-07 17:30:00	5.35	49.25	0.50	7.34	11.08	11.28	0.02
SQU-DS	2025-12-07 17:45:00	5.38	50.35	0.50	7.37	11.10	10.10	0.02
SQU-DS	2025-12-07 18:00:00	5.39	51.07	0.50	7.36	11.07	10.22	0.02
SQU-DS	2025-12-07 18:15:00	5.38	50.59	0.50	7.37	11.05	9.63	0.02
SQU-DS	2025-12-07 18:30:00	5.36	48.92	0.50	7.37	11.06	10.88	0.02
SQU-DS	2025-12-07 18:45:00	5.40	50.53	0.50	7.35	11.08	17.64	0.02
SQU-DS	2025-12-07 19:00:00	5.44	51.71	0.50	7.34	11.11	37.21	0.02
SQU-DS	2025-12-07 19:15:00	5.44	50.95	0.50	7.34	11.10	11.96	0.02
SQU-DS	2025-12-07 19:30:00	5.43	50.09	0.50	7.34	11.15	10.92	0.02
SQU-DS	2025-12-07 19:45:00	5.41	49.43	0.50	7.33	11.18	9.78	0.02
SQU-DS	2025-12-07 20:00:00	5.39	49.52	0.49	7.33	11.18	8.66	0.02
SQU-DS	2025-12-07 20:15:00	5.35	48.96	0.49	7.29	11.19	9.86	0.02
SQU-DS	2025-12-07 20:30:00	5.32	48.17	0.49	7.32	11.19	10.23	0.02
SQU-DS	2025-12-07 20:45:00	5.31	48.11	0.49	7.29	11.20	9.51	0.02
SQU-DS	2025-12-07 21:00:00	5.30	48.08	0.48	7.31	11.18	9.33	0.02
SQU-DS	2025-12-07 21:15:00	5.31	47.76	0.48	7.30	11.14	8.80	0.02
SQU-DS	2025-12-07 21:30:00	5.30	47.30	0.48	7.29	11.14	9.74	0.02
SQU-DS	2025-12-07 21:45:00	5.30	47.56	0.48	7.27	11.16	9.84	0.02
SQU-DS	2025-12-07 22:00:00	5.29	47.23	0.49	7.21	11.14	10.72	0.02
SQU-DS	2025-12-07 22:15:00	5.28	46.69	0.49	7.24	11.20	10.47	0.02
SQU-DS	2025-12-07 22:30:00	5.28	46.78	0.49	7.24	11.18	9.35	0.02
SQU-DS	2025-12-07 22:45:00	5.27	46.39	0.49	7.25	11.21	9.48	0.02
SQU-DS	2025-12-07 23:00:00	5.26	46.04	0.49	7.25	11.22	11.12	0.02
SQU-DS	2025-12-07 23:15:00	5.25	45.89	0.48	7.28	11.24	10.56	0.02
SQU-DS	2025-12-07 23:30:00	5.24	45.59	0.49	7.27	11.26	10.55	0.02
SQU-DS	2025-12-07 23:45:00	5.23	45.21	0.49	7.26	11.26	10.90	0.02
SQU-US	2025-12-01 00:00:00	1.64	0.10	0.37	6.76	14.28	0.73	0.00
SQU-US	2025-12-01 00:15:00	1.68	0.10	0.37	6.75	14.29	0.79	0.00
SQU-US	2025-12-01 00:30:00	1.68	0.10	0.37	6.74	14.29	0.80	0.00
SQU-US	2025-12-01 00:45:00	1.84	0.10	0.37	6.73	14.23	0.78	0.00

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-01 01:00:00	2.28	0.10	0.37	6.72	14.08	1.25	0.00
SQU-US	2025-12-01 01:15:00	3.88	61.91	0.33	6.93	12.59	589.99	0.03
SQU-US	2025-12-01 01:30:00	3.82	61.35	0.31	6.85	12.69	2.12	0.03
SQU-US	2025-12-01 01:45:00	3.76	59.70	0.32	6.93	12.77	2.36	0.03
SQU-US	2025-12-01 02:00:00	3.77	59.28	0.32	6.96	12.81	2.30	0.03
SQU-US	2025-12-01 02:15:00	3.76	59.33	0.33	6.98	12.82	2.28	0.03
SQU-US	2025-12-01 02:30:00	3.76	58.99	0.32	6.97	12.86	2.14	0.03
SQU-US	2025-12-01 02:45:00	3.76	59.61	0.32	7.00	12.85	2.70	0.03
SQU-US	2025-12-01 03:00:00	3.75	59.44	0.32	7.01	12.87	2.11	0.03
SQU-US	2025-12-01 03:15:00	3.76	59.71	0.32	7.02	12.88	2.27	0.03
SQU-US	2025-12-01 03:30:00	3.79	60.35	0.32	7.00	12.81	2.32	0.03
SQU-US	2025-12-01 03:45:00	3.84	61.21	0.32	6.95	12.71	2.62	0.03
SQU-US	2025-12-01 04:00:00	3.85	61.01	0.33	6.95	12.72	2.13	0.03
SQU-US	2025-12-01 04:15:00	3.85	60.77	0.33	6.91	12.72	2.46	0.03
SQU-US	2025-12-01 04:30:00	3.84	60.46	0.33	6.94	12.74	2.99	0.03
SQU-US	2025-12-01 04:45:00	3.90	61.30	0.32	6.78	12.50	2.46	0.03
SQU-US	2025-12-01 05:00:00	4.06	62.87	0.31	6.69	12.51	2.31	0.03
SQU-US	2025-12-01 05:15:00	3.86	36.08	0.29	7.05	12.81	1.20	0.02
SQU-US	2025-12-01 05:30:00	3.69	0.09	0.32	7.16	13.51	1.41	0.00
SQU-US	2025-12-01 05:45:00	3.41	0.09	0.33	7.17	13.62	0.92	0.00
SQU-US	2025-12-01 06:00:00	3.00	0.09	0.33	7.16	13.75	0.85	0.00
SQU-US	2025-12-01 06:15:00	2.86	0.10	0.34	7.14	13.80	0.87	0.00
SQU-US	2025-12-01 06:30:00	2.71	0.10	0.34	7.13	13.87	0.86	0.00
SQU-US	2025-12-01 06:45:00	2.53	0.10	0.35	7.12	13.93	0.82	0.00
SQU-US	2025-12-01 07:00:00	2.39	0.10	0.35	7.10	13.98	0.81	0.00
SQU-US	2025-12-01 07:15:00	2.37	0.10	0.35	7.09	14.01	0.82	0.00
SQU-US	2025-12-01 07:30:00	2.35	0.10	0.35	7.08	14.01	0.82	0.00
SQU-US	2025-12-01 07:45:00	2.41	0.10	0.35	7.06	14.00	0.83	0.00
SQU-US	2025-12-01 08:00:00	2.49	0.10	0.36	7.04	13.96	0.83	0.00
SQU-US	2025-12-01 08:15:00	2.47	0.10	0.36	7.03	13.97	0.83	0.00
SQU-US	2025-12-01 08:30:00	2.47	0.10	0.36	7.00	13.98	0.80	0.00
SQU-US	2025-12-01 08:45:00	2.52	0.10	0.36	6.98	13.95	0.81	0.00
SQU-US	2025-12-01 09:00:00	2.60	0.10	0.36	6.96	13.90	0.80	0.00
SQU-US	2025-12-01 09:15:00	2.64	0.10	0.36	6.94	13.90	0.82	0.00
SQU-US	2025-12-01 09:30:00	2.85	0.10	0.36	6.92	13.87	1.31	0.00
SQU-US	2025-12-01 09:45:00	3.96	46.54	0.37	6.81	12.82	1.16	0.02
SQU-US	2025-12-01 10:00:00	4.04	62.13	0.32	6.86	12.72	2.56	0.03
SQU-US	2025-12-01 10:15:00	4.00	61.53	0.32	6.98	12.72	2.82	0.03
SQU-US	2025-12-01 10:30:00	4.00	60.85	0.33	6.98	12.79	2.28	0.03
SQU-US	2025-12-01 10:45:00	4.00	60.64	0.33	7.04	12.86	2.04	0.03
SQU-US	2025-12-01 11:00:00	4.00	60.21	0.33	7.09	12.89	2.08	0.03
SQU-US	2025-12-01 11:15:00	4.02	60.03	0.33	7.12	12.89	2.04	0.03
SQU-US	2025-12-01 11:30:00	4.05	59.91	0.33	7.08	12.91	3.46	0.03
SQU-US	2025-12-01 11:45:00	4.08	60.43	0.33	7.10	12.89	1.99	0.03
SQU-US	2025-12-01 12:00:00	4.06	59.11	0.33	7.13	12.94	2.07	0.03
SQU-US	2025-12-01 12:15:00	4.07	59.11	0.33	7.14	12.94	2.00	0.03
SQU-US	2025-12-01 12:30:00	4.07	58.65	0.33	7.16	12.93	2.08	0.03
SQU-US	2025-12-01 12:45:00	4.06	58.27	0.33	7.18	12.95	1.97	0.03
SQU-US	2025-12-01 13:00:00	4.05	57.82	0.33	7.16	12.97	1.86	0.03
SQU-US	2025-12-01 13:15:00	4.06	58.19	0.33	7.14	12.97	2.02	0.03
SQU-US	2025-12-01 13:30:00	4.06	58.22	0.33	7.14	12.97	2.08	0.03
SQU-US	2025-12-01 13:45:00	4.15	61.76	0.33	7.14	12.90	2.24	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-01 14:00:00	4.19	63.55	0.33	7.09	12.84	2.00	0.03
SQU-US	2025-12-01 14:15:00	4.17	62.55	0.33	7.08	12.86	1.90	0.03
SQU-US	2025-12-01 14:30:00	4.18	62.92	0.33	7.06	12.87	2.05	0.03
SQU-US	2025-12-01 14:45:00	4.31	68.06	0.33	7.04	12.75	2.13	0.03
SQU-US	2025-12-01 15:00:00	4.45	73.30	0.32	7.06	12.60	2.02	0.03
SQU-US	2025-12-01 15:15:00	4.44	72.82	0.32	6.99	12.56	2.21	0.03
SQU-US	2025-12-01 15:30:00	4.36	69.14	0.32	6.97	12.65	2.19	0.03
SQU-US	2025-12-01 15:45:00	4.32	67.41	0.32	7.08	12.67	2.44	0.03
SQU-US	2025-12-01 16:00:00	4.27	65.08	0.33	7.10	12.70	2.38	0.03
SQU-US	2025-12-01 16:15:00	4.29	64.95	0.33	7.12	12.66	2.28	0.03
SQU-US	2025-12-01 16:30:00	4.28	63.46	0.33	7.08	12.64	2.33	0.03
SQU-US	2025-12-01 16:45:00	4.30	63.40	0.34	6.95	12.59	2.25	0.03
SQU-US	2025-12-01 17:00:00	4.27	0.09	0.33	7.09	13.10	1.31	0.00
SQU-US	2025-12-01 17:15:00	4.17	0.09	0.33	7.25	13.31	0.83	0.00
SQU-US	2025-12-01 17:30:00	4.06	0.09	0.33	7.27	13.33	0.77	0.00
SQU-US	2025-12-01 17:45:00	3.93	0.09	0.34	7.27	13.39	0.74	0.00
SQU-US	2025-12-01 18:00:00	3.86	0.09	0.34	7.27	13.42	0.76	0.00
SQU-US	2025-12-01 18:15:00	3.80	0.09	0.34	7.26	13.44	0.77	0.00
SQU-US	2025-12-01 18:30:00	3.78	0.09	0.34	7.25	13.45	0.77	0.00
SQU-US	2025-12-01 18:45:00	3.76	0.09	0.34	7.24	13.44	0.75	0.00
SQU-US	2025-12-01 19:00:00	3.75	0.09	0.34	7.23	13.45	0.77	0.00
SQU-US	2025-12-01 19:15:00	3.74	0.09	0.34	7.23	13.46	0.77	0.00
SQU-US	2025-12-01 19:30:00	3.73	0.09	0.35	7.21	13.46	0.79	0.00
SQU-US	2025-12-01 19:45:00	3.71	0.09	0.35	7.19	13.47	0.75	0.00
SQU-US	2025-12-01 20:00:00	3.70	0.09	0.35	7.17	13.48	0.80	0.00
SQU-US	2025-12-01 20:15:00	3.70	0.09	0.35	7.15	13.48	0.76	0.00
SQU-US	2025-12-01 20:30:00	3.74	0.09	0.35	7.13	13.46	0.77	0.00
SQU-US	2025-12-01 20:45:00	3.79	0.09	0.35	7.11	13.45	0.91	0.00
SQU-US	2025-12-01 21:00:00	4.01	0.09	0.35	7.07	13.38	1.26	0.00
SQU-US	2025-12-01 21:15:00	4.31	60.26	0.31	7.06	12.63	1.62	0.03
SQU-US	2025-12-01 21:30:00	4.28	60.95	0.31	6.97	12.62	2.46	0.03
SQU-US	2025-12-01 21:45:00	4.28	60.79	0.32	6.94	12.58	2.34	0.03
SQU-US	2025-12-01 22:00:00		60.21			12.58		0.03
SQU-US	2025-12-01 22:15:00	4.26	60.04	0.33	6.94	12.64	2.68	0.03
SQU-US	2025-12-01 22:30:00	4.25	59.65	0.34	6.94	12.63	5.63	0.03
SQU-US	2025-12-01 22:45:00	4.26	59.46	0.34	6.95	12.63	2.89	0.03
SQU-US	2025-12-01 23:00:00	4.24	59.56	0.34	6.94	12.62	2.88	0.03
SQU-US	2025-12-01 23:15:00	4.23	59.48	0.34	6.95	12.63	2.40	0.03
SQU-US	2025-12-01 23:30:00	4.24	59.39	0.34	6.95	12.66	3.36	0.03
SQU-US	2025-12-01 23:45:00	4.20	58.98	0.34	6.97	12.70	4.50	0.03
SQU-US	2025-12-02 00:00:00	4.19	58.91	0.34	6.99	12.70	2.85	0.03
SQU-US	2025-12-02 00:15:00	4.18	58.40	0.34	6.97	12.71	3.15	0.03
SQU-US	2025-12-02 00:30:00	4.17	57.88	0.34	7.00	12.73	3.00	0.03
SQU-US	2025-12-02 00:45:00	4.17	57.74	0.35	7.00	12.74	3.02	0.03
SQU-US	2025-12-02 01:00:00	4.17	57.72	0.35	7.02	12.75	3.54	0.03
SQU-US	2025-12-02 01:15:00	4.18	57.49	0.35	7.05	12.76	2.83	0.03
SQU-US	2025-12-02 01:30:00	4.19	57.47	0.35	7.07	12.78	4.20	0.03
SQU-US	2025-12-02 01:45:00	4.22	57.60	0.35	7.10	12.78	3.78	0.03
SQU-US	2025-12-02 02:00:00	4.25	58.19	0.35	7.08	12.78	3.07	0.03
SQU-US	2025-12-02 02:15:00	4.27	58.75	0.35	7.13	12.79	3.76	0.03
SQU-US	2025-12-02 02:30:00	4.31	59.71	0.35	7.14	12.80	5.24	0.03
SQU-US	2025-12-02 02:45:00	4.33	60.44	0.35	7.21	12.79	3.49	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-02 03:00:00	4.35	60.76	0.35	7.21	12.79	3.52	0.03
SQU-US	2025-12-02 03:15:00	4.36	60.91	0.35	7.22	12.79	3.98	0.03
SQU-US	2025-12-02 03:30:00	4.35	60.64	0.35	7.22	12.79	2.55	0.03
SQU-US	2025-12-02 03:45:00	4.35	60.37	0.35	7.20	12.78	2.84	0.03
SQU-US	2025-12-02 04:00:00	4.34	59.98	0.35	7.23	12.80	3.25	0.03
SQU-US	2025-12-02 04:15:00	4.34	60.06	0.35	7.22	12.78	3.00	0.03
SQU-US	2025-12-02 04:30:00	4.33	59.87	0.35	7.22	12.79	2.63	0.03
SQU-US	2025-12-02 04:45:00	4.33	59.68	0.35	7.22	12.76	2.56	0.03
SQU-US	2025-12-02 05:00:00	4.32	59.50	0.35	7.22	12.77	2.87	0.03
SQU-US	2025-12-02 05:15:00	4.33	60.75	0.35	7.18	12.74	2.64	0.03
SQU-US	2025-12-02 05:30:00	4.35	61.19	0.35	7.15	12.68	2.21	0.03
SQU-US	2025-12-02 05:45:00	4.36	61.11	0.35	7.12	12.66	2.11	0.03
SQU-US	2025-12-02 06:00:00	4.35	60.77	0.35	7.09	12.65	2.44	0.03
SQU-US	2025-12-02 06:15:00	4.35	60.59	0.35	7.08	12.63	2.79	0.03
SQU-US	2025-12-02 06:30:00	4.37	60.75	0.35	7.07	12.60	2.24	0.03
SQU-US	2025-12-02 06:45:00	4.40	60.85	0.36	7.00	12.52	2.42	0.03
SQU-US	2025-12-02 07:00:00	4.44	60.75	0.36	6.93	12.46	2.48	0.03
SQU-US	2025-12-02 07:15:00	4.45	61.62	0.36	6.85	12.45	2.72	0.03
SQU-US	2025-12-02 07:30:00	4.41	61.07	0.36	6.87	12.50	2.75	0.03
SQU-US	2025-12-02 07:45:00	4.44	61.26	0.36	6.82	12.41	3.19	0.03
SQU-US	2025-12-02 08:00:00	4.41	61.50	0.36	6.87	12.52	4.86	0.03
SQU-US	2025-12-02 08:15:00	4.43	55.67	0.35	6.85	12.55	2.65	0.02
SQU-US	2025-12-02 08:30:00	4.42	12.20	0.33	7.06	12.55	1.10	0.00
SQU-US	2025-12-02 08:45:00	4.43	7.22	0.33	7.16	12.87	1.11	0.00
SQU-US	2025-12-02 09:00:00	4.40	0.09	0.35	7.14	13.04	1.07	0.00
SQU-US	2025-12-02 09:15:00	4.46	12.72	0.34	7.07	12.64	1.17	0.00
SQU-US	2025-12-02 09:30:00	4.47	62.28	0.33	7.00	12.52	43.82	0.03
SQU-US	2025-12-02 09:45:00	4.49	62.47	0.34	6.95	12.54	2.08	0.03
SQU-US	2025-12-02 10:00:00	4.53	62.80	0.35	6.93	12.52	2.09	0.03
SQU-US	2025-12-02 10:15:00	4.58	62.80	0.35	6.93	12.51	2.14	0.03
SQU-US	2025-12-02 10:30:00	4.58	62.31	0.35	6.94	12.55	2.42	0.03
SQU-US	2025-12-02 10:45:00	4.57	61.99	0.35	7.02	12.61	2.12	0.03
SQU-US	2025-12-02 11:00:00	4.57	61.39	0.35	7.05	12.65	2.31	0.03
SQU-US	2025-12-02 11:15:00	4.58	61.37	0.35	7.09	12.66	2.19	0.03
SQU-US	2025-12-02 11:30:00	4.56	61.29	0.35	7.13	12.69	2.18	0.03
SQU-US	2025-12-02 11:45:00	4.55	60.92	0.35	7.16	12.72	2.26	0.03
SQU-US	2025-12-02 12:00:00	4.57	61.01	0.35	7.17	12.73	1.91	0.03
SQU-US	2025-12-02 12:15:00	4.61	61.63	0.35	7.18	12.70	2.10	0.03
SQU-US	2025-12-02 12:30:00	4.62	60.51	0.35	7.19	12.74	1.88	0.03
SQU-US	2025-12-02 12:45:00	4.65	60.07	0.35	7.20	12.75	2.07	0.03
SQU-US	2025-12-02 13:00:00	4.68	59.56	0.36	7.21	12.76	1.86	0.03
SQU-US	2025-12-02 13:15:00	4.70	59.25	0.36	7.21	12.77	2.32	0.03
SQU-US	2025-12-02 13:30:00	4.76	60.23	0.36	7.21	12.75	1.91	0.03
SQU-US	2025-12-02 13:45:00	4.82	61.13	0.36	7.21	12.72	2.18	0.03
SQU-US	2025-12-02 14:00:00	4.84	60.89	0.36	7.20	12.71	1.99	0.03
SQU-US	2025-12-02 14:15:00	4.83	60.23	0.35	7.22	12.74	2.34	0.03
SQU-US	2025-12-02 14:30:00	4.84	60.76	0.35	7.22	12.73	2.02	0.03
SQU-US	2025-12-02 14:45:00	4.89	64.40	0.36	7.19	12.64	2.13	0.03
SQU-US	2025-12-02 15:00:00	4.91	67.76	0.36	7.15	12.53	2.06	0.03
SQU-US	2025-12-02 15:15:00	4.85	67.49	0.35	7.14	12.54	2.11	0.03
SQU-US	2025-12-02 15:30:00	4.77	66.48	0.36	7.13	12.57	1.83	0.03
SQU-US	2025-12-02 15:45:00	4.72	66.97	0.36	7.12	12.57	2.07	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-02 16:00:00	4.67	67.05	0.36	7.12	12.53	2.11	0.03
SQU-US	2025-12-02 16:15:00	4.57	64.72	0.36	7.10	12.58	2.19	0.03
SQU-US	2025-12-02 16:30:00	4.53	63.84	0.36	7.10	12.61	2.17	0.03
SQU-US	2025-12-02 16:45:00	4.49	58.20	0.36	7.11	12.61	2.32	0.03
SQU-US	2025-12-02 17:00:00	4.51	62.47	0.35	7.08	12.56	2.99	0.03
SQU-US	2025-12-02 17:15:00	4.50	62.02	0.36	6.96	12.53	2.36	0.03
SQU-US	2025-12-02 17:30:00	4.57	63.36	0.36	6.78	12.37	4.43	0.03
SQU-US	2025-12-02 17:45:00	4.52	61.77	0.35	6.78	12.45	2.58	0.03
SQU-US	2025-12-02 18:00:00	4.51	61.39	0.34	6.82	12.49	2.49	0.03
SQU-US	2025-12-02 18:15:00	4.52	37.32	0.33	6.88	12.53	1.30	0.02
SQU-US	2025-12-02 18:30:00	4.53	12.20	0.31	7.02	12.52	1.17	0.00
SQU-US	2025-12-02 18:45:00	4.51	10.01	0.30	7.15	12.64	1.07	0.00
SQU-US	2025-12-02 19:00:00	4.50	1.99	0.31	7.23	12.91	1.29	0.00
SQU-US	2025-12-02 19:15:00	4.48	0.09	0.33	7.24	13.19	1.32	0.00
SQU-US	2025-12-02 19:30:00	4.46	0.09	0.34	7.26	13.27	1.28	0.00
SQU-US	2025-12-02 19:45:00	4.42	0.09	0.34	7.29	13.29	1.32	0.00
SQU-US	2025-12-02 20:00:00	4.37	0.09	0.35	7.30	13.31	0.84	0.00
SQU-US	2025-12-02 20:15:00	4.34	0.09	0.35	7.31	13.31	0.82	0.00
SQU-US	2025-12-02 20:30:00	4.29	0.09	0.35	7.31	13.32	0.82	0.00
SQU-US	2025-12-02 20:45:00	4.24	0.09	0.35	7.31	13.35	0.75	0.00
SQU-US	2025-12-02 21:00:00	4.19	0.09	0.35	7.30	13.37	0.79	0.00
SQU-US	2025-12-02 21:15:00	4.16	0.09	0.36	7.30	13.38	0.77	0.00
SQU-US	2025-12-02 21:30:00	4.14	0.09	0.36	7.29	13.40	0.77	0.00
SQU-US	2025-12-02 21:45:00	4.16	0.09	0.36	7.28	13.38	0.79	0.00
SQU-US	2025-12-02 22:00:00	4.17	0.09	0.36	7.27	13.37	0.76	0.00
SQU-US	2025-12-02 22:15:00	4.18	0.09	0.36	7.27	13.38	0.73	0.00
SQU-US	2025-12-02 22:30:00	4.18	0.09	0.36	7.26	13.39	0.75	0.00
SQU-US	2025-12-02 22:45:00	4.19	0.09	0.36	7.25	13.37	0.72	0.00
SQU-US	2025-12-02 23:00:00	4.18	0.09	0.36	7.23	13.37	0.75	0.00
SQU-US	2025-12-02 23:15:00	4.15	0.09	0.36	7.22	13.38	0.76	0.00
SQU-US	2025-12-02 23:30:00	4.12	0.09	0.36	7.21	13.39	0.76	0.00
SQU-US	2025-12-02 23:45:00	4.10	0.09	0.36	7.20	13.40	0.71	0.00
SQU-US	2025-12-03 00:00:00	4.07	0.09	0.36	7.19	13.41	0.75	0.00
SQU-US	2025-12-03 00:15:00	4.04	0.09	0.37	7.18	13.42	0.73	0.00
SQU-US	2025-12-03 00:30:00	4.02	0.09	0.37	7.16	13.45	0.77	0.00
SQU-US	2025-12-03 00:45:00	3.98	0.09	0.37	7.15	13.45	0.70	0.00
SQU-US	2025-12-03 01:00:00	3.97	0.09	0.37	7.14	13.45	0.69	0.00
SQU-US	2025-12-03 01:15:00	3.96	0.09	0.37	7.12	13.45	0.71	0.00
SQU-US	2025-12-03 01:30:00	3.92	0.09	0.37	7.11	13.47	0.71	0.00
SQU-US	2025-12-03 01:45:00	3.87	0.09	0.37	7.10	13.47	0.71	0.00
SQU-US	2025-12-03 02:00:00	3.83	0.09	0.37	7.08	13.50	0.69	0.00
SQU-US	2025-12-03 02:15:00	3.86	0.09	0.37	7.07	13.48	0.70	0.00
SQU-US	2025-12-03 02:30:00	4.61	63.13	0.36	7.08	12.59	3.09	0.03
SQU-US	2025-12-03 02:45:00	4.64	62.36	0.35	7.06	12.50	2.39	0.03
SQU-US	2025-12-03 03:00:00	4.58	61.39	0.36	7.12	12.64	1.94	0.03
SQU-US	2025-12-03 03:15:00	4.55	60.88	0.36	7.17	12.69	2.10	0.03
SQU-US	2025-12-03 03:30:00	4.53	60.59	0.36	7.19	12.71	1.95	0.03
SQU-US	2025-12-03 03:45:00	4.52	60.68	0.36	7.20	12.71	1.97	0.03
SQU-US	2025-12-03 04:00:00	4.52	60.71	0.36	7.20	12.72	1.89	0.03
SQU-US	2025-12-03 04:15:00	4.51	60.37	0.36	7.20	12.72	1.79	0.03
SQU-US	2025-12-03 04:30:00	4.50	60.34	0.36	7.21	12.73	1.71	0.03
SQU-US	2025-12-03 04:45:00	4.50	60.57	0.36	7.22	12.72	1.69	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-03 05:00:00	4.50	60.99	0.36	7.22	12.72	1.85	0.03
SQU-US	2025-12-03 05:15:00	4.51	61.47	0.36	7.21	12.71	2.42	0.03
SQU-US	2025-12-03 05:30:00	4.50	61.13	0.36	7.21	12.71	1.77	0.03
SQU-US	2025-12-03 05:45:00	4.49	60.77	0.36	7.21	12.73	1.84	0.03
SQU-US	2025-12-03 06:00:00	4.49	61.39	0.36	7.21	12.71	1.75	0.03
SQU-US	2025-12-03 06:15:00	4.54	63.73	0.36	7.19	12.66	1.79	0.03
SQU-US	2025-12-03 06:30:00	4.56	64.94	0.36	7.18	12.60	1.91	0.03
SQU-US	2025-12-03 06:45:00	4.55	64.40	0.36	7.17	12.61	1.75	0.03
SQU-US	2025-12-03 07:00:00	4.54	64.00	0.36	7.17	12.60	1.83	0.03
SQU-US	2025-12-03 07:15:00	4.56	64.96	0.36	7.16	12.58	2.03	0.03
SQU-US	2025-12-03 07:30:00	4.59	65.64	0.36	7.14	12.53	1.84	0.03
SQU-US	2025-12-03 07:45:00	4.57	64.42	0.36	7.13	12.55	1.94	0.03
SQU-US	2025-12-03 08:00:00	4.56	63.81	0.36	7.11	12.56	1.85	0.03
SQU-US	2025-12-03 08:15:00	4.57	64.06	0.36	7.10	12.52	1.84	0.03
SQU-US	2025-12-03 08:30:00	4.62	65.05	0.36	7.02	12.42	1.99	0.03
SQU-US	2025-12-03 08:45:00	4.67	65.44	0.36	6.91	12.27	2.44	0.03
SQU-US	2025-12-03 09:00:00	4.62	64.02	0.36	6.87	12.32	1.94	0.03
SQU-US	2025-12-03 09:15:00	4.64	64.35	0.37	6.85	12.39	2.13	0.03
SQU-US	2025-12-03 09:30:00	4.68	64.95	0.37	6.80	12.31	2.30	0.03
SQU-US	2025-12-03 09:45:00	4.69	65.17	0.36	6.80	12.23	2.27	0.03
SQU-US	2025-12-03 10:00:00	4.71	64.71	0.36	6.84	12.33	1.93	0.03
SQU-US	2025-12-03 10:15:00	4.68	64.41	0.36	6.86	12.36	2.04	0.03
SQU-US	2025-12-03 10:30:00	4.74	65.27	0.37	6.88	12.40	2.01	0.03
SQU-US	2025-12-03 10:45:00	4.74	64.86	0.37	6.88	12.36	2.18	0.03
SQU-US	2025-12-03 11:00:00	4.70	64.11	0.37	6.91	12.47	1.95	0.03
SQU-US	2025-12-03 11:15:00	4.68	63.54	0.37	6.98	12.53	1.93	0.03
SQU-US	2025-12-03 11:30:00	4.68	63.08	0.37	7.02	12.58	1.87	0.03
SQU-US	2025-12-03 11:45:00	4.68	62.79	0.37	7.06	12.63	1.92	0.03
SQU-US	2025-12-03 12:00:00	4.67	62.02	0.37	7.13	12.66	1.96	0.03
SQU-US	2025-12-03 12:15:00	4.67	61.55	0.37	7.15	12.69	1.97	0.03
SQU-US	2025-12-03 12:30:00	4.69	62.10	0.37	7.17	12.69	2.18	0.03
SQU-US	2025-12-03 12:45:00	4.74	63.44	0.37	7.16	12.65	2.06	0.03
SQU-US	2025-12-03 13:00:00	4.73	62.41	0.37	7.17	12.66	1.76	0.03
SQU-US	2025-12-03 13:15:00	4.71	61.30	0.37	7.18	12.70	2.11	0.03
SQU-US	2025-12-03 13:30:00	4.72	60.92	0.37	7.19	12.73	1.85	0.03
SQU-US	2025-12-03 13:45:00	4.72	60.47	0.37	7.20	12.76	1.90	0.03
SQU-US	2025-12-03 14:00:00	4.76	61.19	0.37	7.21	12.73	1.82	0.03
SQU-US	2025-12-03 14:15:00	4.78	61.07	0.37	7.21	12.74	1.78	0.03
SQU-US	2025-12-03 14:30:00	4.77	60.42	0.37	7.22	12.75	2.13	0.03
SQU-US	2025-12-03 14:45:00	4.78	60.35	0.37	7.23	12.77	1.85	0.03
SQU-US	2025-12-03 15:00:00	4.84	61.92	0.37	7.23	12.74	1.80	0.03
SQU-US	2025-12-03 15:15:00	4.88	63.44	0.37	7.22	12.71	1.82	0.03
SQU-US	2025-12-03 15:30:00	4.88	63.88	0.37	7.19	12.68	1.74	0.03
SQU-US	2025-12-03 15:45:00	4.90	65.02	0.37	7.19	12.68	1.87	0.03
SQU-US	2025-12-03 16:00:00	5.06	72.73	0.37	7.15	12.49	1.92	0.03
SQU-US	2025-12-03 16:15:00	5.09	74.11	0.37	7.11	12.40	1.76	0.03
SQU-US	2025-12-03 16:30:00	5.06	73.08	0.37	7.11	12.41	2.26	0.03
SQU-US	2025-12-03 16:45:00	5.11	75.70	0.37	7.10	12.36	1.88	0.03
SQU-US	2025-12-03 17:00:00	5.00	71.10	0.37	7.07	12.39	2.09	0.03
SQU-US	2025-12-03 17:15:00	4.92	67.85	0.37	7.09	12.43	2.08	0.03
SQU-US	2025-12-03 17:30:00	4.92	67.08	0.37	7.01	12.36	2.42	0.03
SQU-US	2025-12-03 17:45:00	4.91	0.85	0.37	6.98	12.35	1.31	0.00

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-03 18:00:00	4.90	0.09	0.36	7.21	13.12	0.81	0.00
SQU-US	2025-12-03 18:15:00	4.87	0.09	0.36	7.23	13.12	0.82	0.00
SQU-US	2025-12-03 18:30:00	4.88	0.09	0.37	7.24	13.13	0.80	0.00
SQU-US	2025-12-03 18:45:00	4.92	0.09	0.37	7.24	13.12	0.84	0.00
SQU-US	2025-12-03 19:00:00	4.97	0.09	0.37	7.24	13.10	0.83	0.00
SQU-US	2025-12-03 19:15:00	5.00	0.09	0.37	7.23	13.10	0.84	0.00
SQU-US	2025-12-03 19:30:00	5.03	0.09	0.37	7.23	13.09	0.84	0.00
SQU-US	2025-12-03 19:45:00	5.06	0.09	0.37	7.22	13.07	0.81	0.00
SQU-US	2025-12-03 20:00:00	5.07	0.09	0.37	7.21	13.07	0.82	0.00
SQU-US	2025-12-03 20:15:00	5.09	0.09	0.37	7.20	13.05	0.83	0.00
SQU-US	2025-12-03 20:30:00	5.09	0.09	0.37	7.19	13.05	0.83	0.00
SQU-US	2025-12-03 20:45:00	5.07	0.09	0.37	7.18	13.06	0.81	0.00
SQU-US	2025-12-03 21:00:00	5.04	0.09	0.37	7.17	13.07	0.84	0.00
SQU-US	2025-12-03 21:15:00	5.02	0.09	0.37	7.16	13.07	0.81	0.00
SQU-US	2025-12-03 21:30:00	4.98	0.09	0.37	7.15	13.09	0.78	0.00
SQU-US	2025-12-03 21:45:00	4.94	0.09	0.37	7.13	13.10	0.81	0.00
SQU-US	2025-12-03 22:00:00	4.89	0.09	0.37	7.12	13.11	0.83	0.00
SQU-US	2025-12-03 22:15:00	4.86	0.09	0.37	7.10	13.13	0.85	0.00
SQU-US	2025-12-03 22:30:00	4.84	0.09	0.37	7.09	13.13	0.84	0.00
SQU-US	2025-12-03 22:45:00	4.82	0.09	0.38	7.06	13.13	1.28	0.00
SQU-US	2025-12-03 23:00:00	4.81	0.09	0.38	7.04	13.14	1.26	0.00
SQU-US	2025-12-03 23:15:00	4.80	0.09	0.38	7.01	13.14	1.32	0.00
SQU-US	2025-12-03 23:30:00	4.80	0.09	0.38	6.96	13.14	1.28	0.00
SQU-US	2025-12-03 23:45:00	4.79	0.09	0.39	6.72	13.08	1.34	0.00
SQU-US	2025-12-04 00:00:00	4.78	2.67	0.38	6.69	13.08	1.35	0.00
SQU-US	2025-12-04 00:15:00	4.79	0.09	0.38	6.76	13.03	1.35	0.00
SQU-US	2025-12-04 00:30:00	4.78	0.09	0.37	6.85	13.03	1.33	0.00
SQU-US	2025-12-04 00:45:00	4.79	3.15	0.37	6.96	12.93	1.34	0.00
SQU-US	2025-12-04 01:00:00	4.78	2.17	0.37	7.15	12.95	1.32	0.00
SQU-US	2025-12-04 01:15:00	4.78	0.09	0.36	7.13	12.85	1.32	0.00
SQU-US	2025-12-04 01:30:00	4.78	0.09	0.36	7.17	12.84	1.02	0.00
SQU-US	2025-12-04 01:45:00	4.77	15.16	0.36	7.21	12.89	1.03	0.01
SQU-US	2025-12-04 02:00:00	4.77	0.43	0.35	7.26	12.96	1.11	0.00
SQU-US	2025-12-04 02:15:00	4.77	2.45	0.34	7.27	12.83	1.05	0.00
SQU-US	2025-12-04 02:30:00	4.78	5.25	0.33	7.27	12.65	1.07	0.00
SQU-US	2025-12-04 02:45:00	4.76	49.49	0.32	7.17	12.56	1.77	0.02
SQU-US	2025-12-04 03:00:00	4.81	61.31	0.34	7.00	12.44	2.85	0.03
SQU-US	2025-12-04 03:15:00	4.81	60.62	0.35	7.02	12.53	2.52	0.03
SQU-US	2025-12-04 03:30:00	4.73	59.18	0.36	7.09	12.65	2.14	0.03
SQU-US	2025-12-04 03:45:00	4.70	58.79	0.36	7.16	12.69	2.18	0.03
SQU-US	2025-12-04 04:00:00	4.70	58.97	0.36	7.18	12.70	2.06	0.03
SQU-US	2025-12-04 04:15:00	4.70	59.25	0.37	7.18	12.68	2.00	0.03
SQU-US	2025-12-04 04:30:00	4.69	58.50	0.37	7.20	12.72	1.84	0.03
SQU-US	2025-12-04 04:45:00	4.68	58.37	0.37	7.21	12.73	2.01	0.03
SQU-US	2025-12-04 05:00:00	4.70	59.35	0.37	7.22	12.72	2.61	0.03
SQU-US	2025-12-04 05:15:00	4.73	60.43	0.37	7.21	12.67	2.03	0.03
SQU-US	2025-12-04 05:30:00	4.71	59.73	0.37	7.22	12.70	2.01	0.03
SQU-US	2025-12-04 05:45:00	4.69	58.94	0.37	7.23	12.74	1.92	0.03
SQU-US	2025-12-04 06:00:00	4.69	59.53	0.37	7.24	12.74	2.05	0.03
SQU-US	2025-12-04 06:15:00	4.73	61.51	0.37	7.22	12.70	1.79	0.03
SQU-US	2025-12-04 06:30:00	4.74	62.19	0.37	7.23	12.65	1.77	0.03
SQU-US	2025-12-04 06:45:00	4.72	61.23	0.37	7.23	12.67	2.00	0.03

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-04 07:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 07:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 07:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 07:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 08:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 08:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 08:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 08:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 09:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 09:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 09:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 09:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 10:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 10:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 10:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 10:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 11:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 11:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 11:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 11:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 12:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 12:15:00	4.91	63.18	0.38	7.12	12.52	2.02	0.03
SQU-US	2025-12-04 12:30:00	4.92	63.37	0.38	7.14	12.55	1.96	0.03
SQU-US	2025-12-04 12:45:00	4.91	63.05	0.38	7.16	12.55	2.13	0.03
SQU-US	2025-12-04 13:00:00	4.92	63.39	0.38	7.18	12.58	1.95	0.03
SQU-US	2025-12-04 13:15:00	4.94	64.36	0.38	7.16	12.52	2.00	0.03
SQU-US	2025-12-04 13:30:00	4.92	63.13	0.38	7.18	12.56	2.24	0.03
SQU-US	2025-12-04 13:45:00	4.92	62.87	0.38	7.20	12.59	2.09	0.03
SQU-US	2025-12-04 14:00:00	4.91	62.38	0.38	7.21	12.60	2.30	0.03
SQU-US	2025-12-04 14:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 14:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 14:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 15:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 15:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 15:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 15:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 16:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 16:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 16:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 16:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 17:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 17:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 17:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 17:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 18:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 18:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 18:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 18:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 19:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 19:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 19:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 19:45:00	-	-	-	-	-	-	-

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-04 20:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 20:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 20:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 20:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 21:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 21:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 21:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 21:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 22:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 22:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 22:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 22:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 23:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 23:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 23:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-04 23:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 00:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 00:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 00:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 00:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 01:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 01:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 01:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 01:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 02:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 02:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 02:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 02:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 03:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 03:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 03:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 03:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 04:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 04:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 04:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 04:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 05:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 05:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 05:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 05:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 06:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 06:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 06:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 06:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 07:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 07:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 07:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 07:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 08:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 08:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 08:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 08:45:00	-	-	-	-	-	-	-

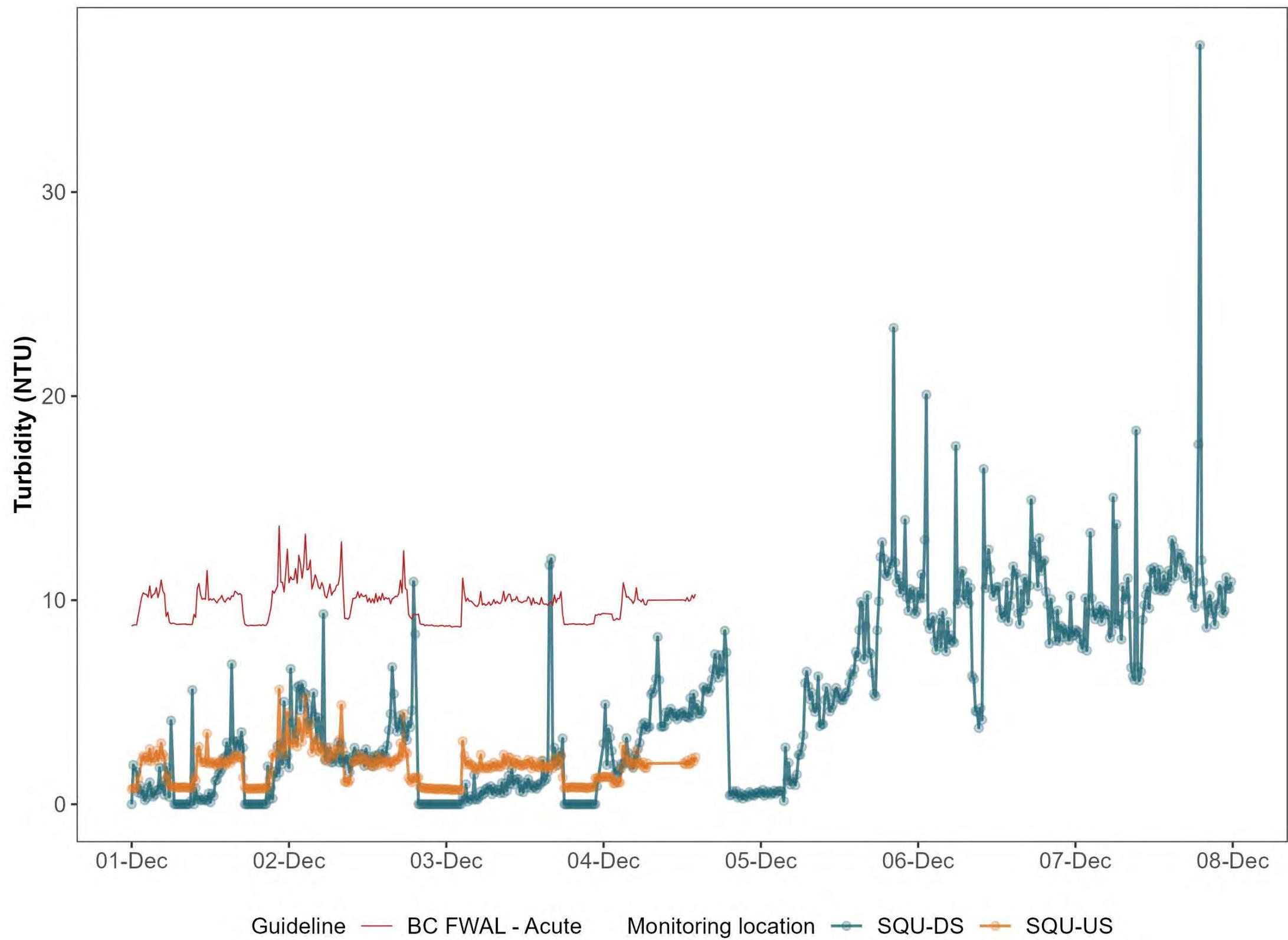
Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-05 09:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 09:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 09:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 09:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 10:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 10:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 10:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 10:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 11:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 11:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 11:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 11:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 12:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 12:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 12:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 12:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 13:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 13:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 13:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 13:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 14:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 14:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 14:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 14:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 15:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 15:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 15:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 15:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 16:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 16:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 16:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 16:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 17:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 17:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 17:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 17:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 18:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 18:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 18:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 18:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 19:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 19:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 19:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 19:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 20:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 20:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 20:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 20:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 21:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 21:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 21:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 21:45:00	-	-	-	-	-	-	-

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-05 22:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 22:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 22:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 22:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 23:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 23:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 23:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-05 23:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 00:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 00:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 00:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 00:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 01:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 01:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 01:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 01:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 02:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 02:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 02:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 02:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 03:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 03:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 03:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 03:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 04:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 04:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 04:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 04:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 05:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 05:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 05:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 05:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 06:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 06:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 06:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 06:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 07:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 07:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 07:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 07:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 08:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 08:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 08:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 08:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 09:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 09:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 09:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 09:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 10:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 10:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 10:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 10:45:00	-	-	-	-	-	-	-

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-06 11:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 11:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 11:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 11:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 12:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 12:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 12:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 12:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 13:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 13:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 13:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 13:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 14:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 14:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 14:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 14:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 15:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 15:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 15:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 15:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 16:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 16:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 16:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 16:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 17:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 17:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 17:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 17:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 18:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 18:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 18:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 18:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 19:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 19:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 19:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 19:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 20:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 20:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 20:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 20:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 21:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 21:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 21:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 21:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 22:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 22:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 22:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 22:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 23:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 23:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 23:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-06 23:45:00	-	-	-	-	-	-	-

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-07 00:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 00:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 00:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 00:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 01:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 01:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 01:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 01:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 02:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 02:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 02:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 02:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 03:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 03:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 03:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 03:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 04:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 04:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 04:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 04:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 05:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 05:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 05:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 05:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 06:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 06:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 06:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 06:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 07:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 07:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 07:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 07:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 08:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 08:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 08:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 08:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 09:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 09:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 09:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 09:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 10:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 10:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 10:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 10:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 11:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 11:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 11:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 11:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 12:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 12:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 12:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 12:45:00	-	-	-	-	-	-	-

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-US	2025-12-07 13:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 13:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 13:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 13:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 14:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 14:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 14:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 14:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 15:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 15:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 15:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 15:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 16:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 16:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 16:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 16:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 17:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 17:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 17:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 17:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 18:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 18:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 18:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 18:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 19:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 19:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 19:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 19:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 20:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 20:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 20:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 20:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 21:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 21:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 21:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 21:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 22:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 22:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 22:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 22:45:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 23:00:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 23:15:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 23:30:00	-	-	-	-	-	-	-
SQU-US	2025-12-07 23:45:00	-	-	-	-	-	-	-



# Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

## Location Information

Site ID: SQU\_DS Date: December 2, 2025  
Site Name: Squamish River Time: 14:12  
Site UTM: Zone: E: \_\_\_\_\_ Crew: HM  
(NAD83) N: \_\_\_\_\_ Weather: Sun/cloud

## In Situ Parameters

pH: 7.15 DO: - (mg/L)  
Temp.: 5.6 (°C) Cond: 68 (us)  
Turbidity: 2.23 NTU  
Visible Sheen: N  
Water Surface Condition: Clear

## Photo Record

Photo



## Observations

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# Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

## Location Information

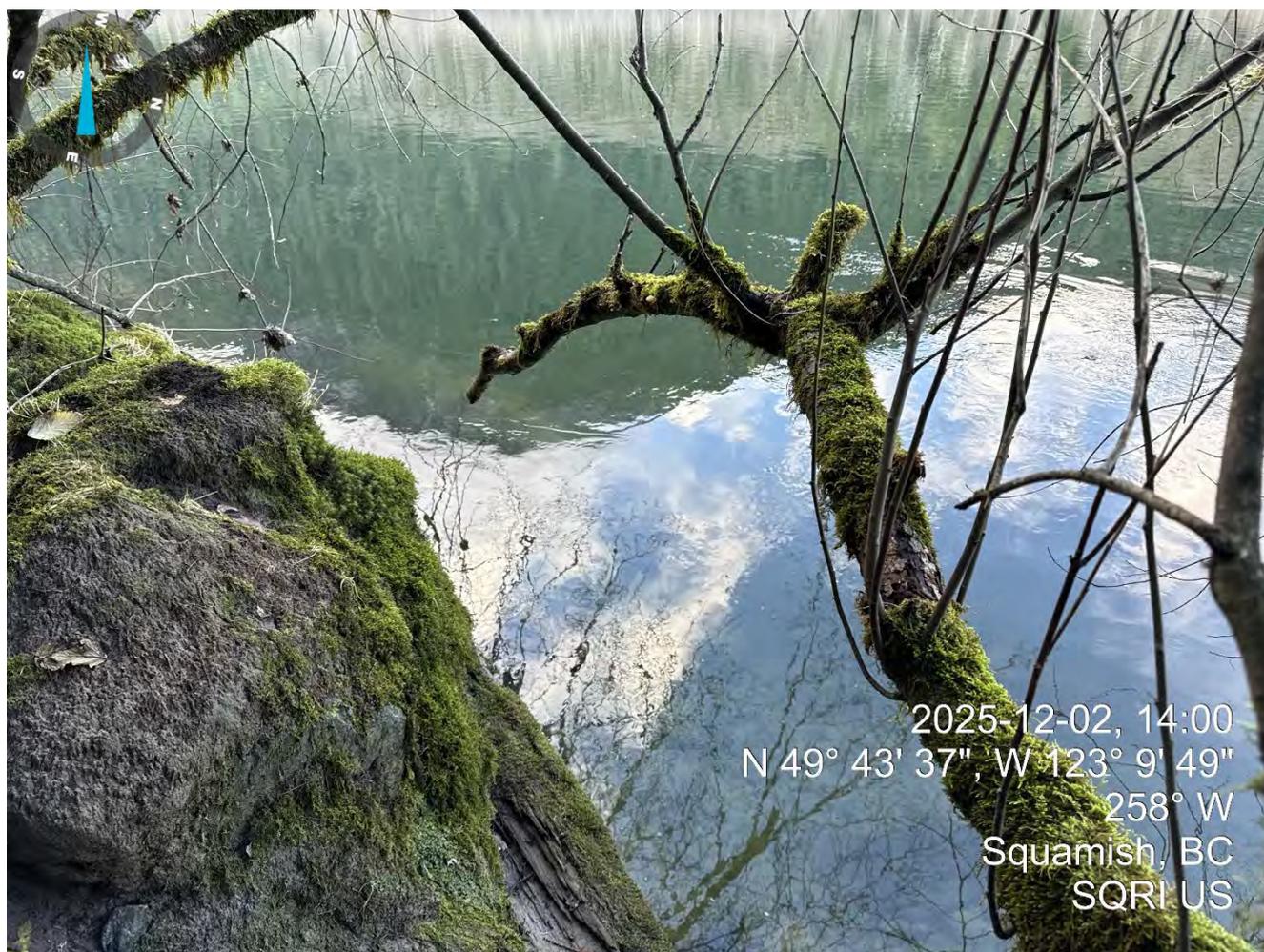
Site ID: SQU US Date: December 2, 2025  
Site Name: Squamish River Time: 13:50  
Site UTM: Zone: E: \_\_\_\_\_ Crew: HM  
(NAD83) N: \_\_\_\_\_ Weather: Cloudy

## In Situ Parameters

pH: 7.48 DO: - (mg/L)  
Temp.: 5.9 (°C) Cond: 72 (us)  
Turbidity: 2.41 NTU  
Visible Sheen: N  
Water Surface Condition: Clear

## Photo Record

Photo



## Observations

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 <b>Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report</b>	Reporting Week	Dec 1 <sup>st</sup> to Dec 7 <sup>th</sup> , 2025
	Report #	89
	Appendix C	C-1

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



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

Reporting Week	Dec 1 <sup>st</sup> to Dec 7 <sup>th</sup> , 2025
Report #	89
Appendix C	C-2

## Woodfibre Site Sample Analysis

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNQ EOP 2025-12-02 09:27:00
<b>In situ Parameters</b>								
Field pH	pH Units	-	6.5 - 9	-	-	7 - 8.7	-	7.21
Field Temperature	°C	18	19	-	-	-	-	10.4
<b>General Parameters</b>								
pH	pH Units	-	-	-	-	-	-	6.99
Alkalinity (Total as CaCO <sub>3</sub> )	mg/L	-	-	-	-	-	-	54
Alkalinity (PP as CaCO <sub>3</sub> )	mg/L	-	-	-	-	-	-	<1
Hardness (CaCO <sub>3</sub> )-Total	mg/L	-	-	-	-	-	-	61
Hardness (CaCO <sub>3</sub> )-Dissolved	mg/L	-	-	-	-	-	-	62.4
Sulphide-Total	mg/L	-	-	-	-	-	-	<0.0018
Sulphide (as H <sub>2</sub> S)	mg/L	-	-	0.002	-	-	-	<0.002
<b>Anions and Nutrients</b>								
Ammonia (N)-Total	mg/L	1.83	15.9	-	12	83	-	<0.015
Bicarbonate (HCO <sub>3</sub> )	mg/L	-	-	-	-	-	-	66
Carbonate (CO <sub>3</sub> )	mg/L	-	-	-	-	-	-	<1
Hydroxide (OH)	mg/L	-	-	-	-	-	-	<1
Nitrate (N)	mg/L	3	32.8	-	3.7	-	-	<0.02
Nitrite (N)	mg/L	0.08	0.24	-	-	-	-	<0.005
Nitrate plus Nitrite (N)	mg/L	-	-	-	-	-	-	<0.02
Nitrogen (N)-Total	mg/L	-	-	-	-	-	-	0.13
Phosphorus (P)-Total (4500-P)	mg/L	-	-	-	-	-	-	0.002
Bromide (Br)	mg/L	-	-	-	-	-	-	<0.01
Chloride (Cl)	mg/L	150	600	-	-	-	-	6.9
Fluoride (F)	mg/L	-	1.135	-	-	1.5	-	0.32
Sulphate (SO <sub>4</sub> )-Dissolved	mg/L	218	-	-	-	-	-	11

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

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

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

<sup>4</sup> **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG EOP 2025-12-02 09:27:00
<b>Total Metals</b>								
Aluminum (Al)-Total	mg/L	0.066219	-	-	-	-	-	<b>0.128</b>
Antimony (Sb)-Total	mg/L	0.074	0.25	-	-	-	-	0.000491
Arsenic (As)-Total	mg/L	0.005	-	-	0.0125	-	-	0.00111
Barium (Ba)-Total	mg/L	-	-	1	-	-	-	0.00447
Beryllium (Be)-Total	mg/L	-	-	0.00013	-	-	0.1	<0.00001
Bismuth (Bi)-Total	mg/L	-	-	-	-	-	-	<0.000005
Boron (B)-Total	mg/L	1.2	-	-	1.2	-	-	0.014
Cadmium (Cd)-Total	mg/L	-	-	-	-	-	0.00012	0.0000067
Calcium (Ca)-Total	mg/L	-	-	-	-	-	-	22.8
Cesium (Cs)-Total	mg/L	-	-	-	-	-	-	<0.00005
Chromium (Cr)-Total	mg/L	-	-	-	-	-	-	0.00017
Chromium (Cr III)-Total	mg/L	-	-	0.0089	-	-	0.056	<0.00099
Chromium (Cr VI)-Total	mg/L	-	-	0.0025	-	-	0.0015	<0.00099
Cobalt (Co)-Total	mg/L	0.000416	-	-	-	-	-	0.0000283
Copper (Cu)-Total	mg/L	-	-	-	0.002	0.003	-	0.000528
Iron (Fe)-Total	mg/L	-	1	-	-	-	-	0.0548
Lead (Pb)-Total	mg/L	-	-	-	0.002	0.14	-	0.0000355
Lithium (Li)-Total	mg/L	-	-	-	-	-	-	0.00462
Magnesium (Mg)-Total	mg/L	-	-	-	-	-	-	1.02
Manganese (Mn)-Total	mg/L	0.873	1.212	-	-	-	0.1	0.00798
Mercury (Hg)-Total	mg/L	0.00002	-	-	0.00002	-	-	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46	-	-	-	-	0.0326
Nickel (Ni)-Total	mg/L	-	-	-	-	-	0.0083	0.00017
Phosphorus (P)-Total (ICPMS)	mg/L	-	-	-	-	-	-	0.0035
Potassium (K)-Total	mg/L	-	-	-	-	-	-	1.54
Rubidium (Rb)-Total	mg/L	-	-	-	-	-	-	0.00345
Selenium (Se)-Total	mg/L	0.002	-	-	0.002	-	-	<0.00004
Silicon (Si)-Total	mg/L	-	-	-	-	-	-	7
Silver (Ag)-Total	mg/L	0.00012	-	-	0.0005	0.0037	0.0005	<0.000005
Sodium (Na)-Total	mg/L	-	-	-	-	-	-	5.79
Strontium (Sr)-Total	mg/L	-	-	-	-	-	-	0.0445
Sulphur (S)-Total	mg/L	-	-	-	-	-	-	3.7
Tellurium (Te)-Total	mg/L	-	-	-	-	-	-	<0.00002
Thallium (Tl)-Total	mg/L	-	-	0.00003	-	-	-	0.0000115
Thorium (Th)-Total	mg/L	-	-	-	-	-	-	<0.00005
Tin (Sn)-Total	mg/L	-	-	-	-	-	-	<0.0002
Titanium (Ti)-Total	mg/L	-	-	-	-	-	-	0.00202
Uranium (U)-Total	mg/L	-	0.0165	0.0075	-	-	-	0.000973
Vanadium (V)-Total	mg/L	-	-	0.06	-	-	0.005	<0.0002
Zinc (Zn)-Total	mg/L	-	-	-	0.01	0.055	-	0.00229
Zirconium (Zr)-Total	mg/L	-	-	-	-	-	-	<0.0001

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

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

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

<sup>4</sup> **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).

Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG EOP 2025-12-02 09:27:00
<b>Dissolved Metals</b>								
Aluminum (Al)-Dissolved	mg/L	-	-	-	-	-	-	0.0367
Antimony (Sb)-Dissolved	mg/L	-	-	-	-	-	-	0.000487
Arsenic (As)-Dissolved	mg/L	-	-	-	-	-	-	0.00107
Barium (Ba)-Dissolved	mg/L	-	-	-	-	-	-	0.00397
Beryllium (Be)-Dissolved	mg/L	-	-	-	-	-	-	<0.00001
Bismuth (Bi)-Dissolved	mg/L	-	-	-	-	-	-	<0.000005
Boron (B)-Dissolved	mg/L	-	-	-	-	-	-	0.011
Cadmium (Cd)-Dissolved	mg/L	0.000147	0.000354	-	-	-	-	0.0000063
Calcium (Ca)-Dissolved	mg/L	-	-	-	-	-	-	23.3
Cesium (Cs)-Dissolved	mg/L	-	-	-	-	-	-	<0.00005
Chromium (Cr)-Dissolved	mg/L	-	-	-	-	-	-	<0.0001
Cobalt (Co)-Dissolved	mg/L	0.000416	-	-	-	-	-	0.0000208
Copper (Cu)-Dissolved	mg/L	0.0002	0.00125	-	-	-	-	<b>0.000347</b>
Iron (Fe)-Dissolved	mg/L	-	0.35	-	-	-	-	<0.001
Lead (Pb)-Dissolved	mg/L	0.001794	-	-	-	-	-	<0.000005
Lithium (Li)-Dissolved	mg/L	-	-	-	-	-	-	0.0045
Manganese (Mn)-Dissolved	mg/L	-	-	-	-	-	-	0.00693
Magnesium (Mg)-Dissolved	mg/L	-	-	-	-	-	-	1.02
Mercury (Hg)-Dissolved	mg/L	-	-	-	-	-	-	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L	-	-	-	-	-	-	0.0336
Nickel (Ni)-Dissolved	mg/L	0.0013	0.0222	-	-	-	-	0.000115
Phosphorus (P)-Dissolved	mg/L	-	-	-	-	-	-	<0.002
Potassium (K)-Dissolved	mg/L	-	-	-	-	-	-	1.54
Rubidium (Rb)-Dissolved	mg/L	-	-	-	-	-	-	0.00329
Selenium (Se)-Dissolved	mg/L	-	-	-	-	-	-	<0.00004
Silicon (Si)-Dissolved	mg/L	-	-	-	-	-	-	6.45
Silver (Ag)-Dissolved	mg/L	-	-	-	-	-	-	<0.000005
Sodium (Na)-Dissolved	mg/L	-	-	-	-	-	-	5.79
Strontium (Sr)-Dissolved	mg/L	-	-	1.25	-	-	-	0.0437
Sulphur (S)-Dissolved	mg/L	-	-	-	-	-	-	3.5
Tellurium (Te)-Dissolved	mg/L	-	-	-	-	-	-	<0.00002
Thallium (Tl)-Dissolved	mg/L	-	-	-	-	-	-	0.0000103
Thorium (Th)-Dissolved	mg/L	-	-	-	-	-	-	<0.000005
Tin (Sn)-Dissolved	mg/L	-	-	-	-	-	-	<0.0002
Titanium (Ti)-Dissolved	mg/L	-	-	-	-	-	-	<0.0005
Uranium (U)-Dissolved	mg/L	-	-	-	-	-	-	0.000877
Vanadium (V)-Dissolved	mg/L	-	-	-	-	-	-	<0.0002
Zinc (Zn)-Dissolved	mg/L	0.00682	0.025528	-	-	-	-	0.00175
Zirconium (Zr)-Dissolved	mg/L	-	-	-	-	-	-	<0.0001

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

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Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG EOP 2025-12-02 09:27:00
<b>Inorganics</b>								
Organic Carbon (C)-Total	mg/L	-	-	-	-	-	-	1
Organic Carbon (C)-Dissolved	mg/L	-	-	-	-	-	-	0.93
Solids-Total Dissolved	mg/L	-	-	-	-	-	-	100
Solids-Total Suspended	mg/L	6	26	-	-	-	-	3.6
<b>Organics</b>								
HEPH (C19-C32 less PAH)	mg/L	-	-	-	-	-	-	<0.2
LEPH (C10-C19 less PAH)	mg/L	-	-	-	-	-	-	<0.2
EPH (C10-C19)	mg/L	-	-	-	-	-	-	<0.2
EPH (C19-C32)	mg/L	-	-	-	-	-	-	<0.2
Ethylene Glycol	mg/L	-	-	-	-	-	-	<3
Diethylene Glycol	mg/L	-	-	-	-	-	-	<5
Triethylene Glycol	mg/L	-	-	-	-	-	-	<5
Propylene Glycol	mg/L	-	-	-	-	-	-	<5
Acenaphthene	mg/L	0.006	-	-	0.006	-	-	<0.00005
Acenaphthylene	mg/L	-	-	-	-	-	-	<0.00005
Acridine	mg/L	0.003	-	-	-	-	-	<0.00005
Anthracene	mg/L	0.004	-	-	-	-	-	<0.00001
Benzo(a)anthracene	mg/L	0.0001	-	-	-	-	-	<0.00001
Benzo(a)pyrene	mg/L	0.00001	-	-	0.00001	-	-	<0.000005
Benzo(b&j)fluoranthene	mg/L	-	-	-	-	-	-	<0.00003
Benzo(g,h,i)perylene	mg/L	-	-	-	-	-	-	<0.00005
Benzo(k)fluoranthene	mg/L	-	-	-	-	-	-	<0.00005
Chrysene	mg/L	-	-	-	0.0001	-	-	<0.00002
Dibenz(a,h)anthracene	mg/L	-	-	-	-	-	-	<0.000003
Fluoranthene	mg/L	0.004	-	-	-	-	-	<0.00002
Fluorene	mg/L	0.012	-	-	0.012	-	-	<0.00005
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	-	-	-	<0.00005
1-Methylnaphthalene	mg/L	-	-	-	0.001	-	-	<0.00005
2-Methylnaphthalene	mg/L	-	-	-	0.001	-	-	<0.00001
Naphthalene	mg/L	0.001	0.001	-	0.001	-	-	<0.00001
Phenanthrene	mg/L	0.0003	-	-	-	-	-	<0.00005
Pyrene	mg/L	-	-	-	-	-	-	<0.00002
Quinoline	mg/L	-	-	-	-	-	-	<0.00002
Low Molecular Weight PAH's	mg/L	-	-	-	-	-	-	<0.0001
High Molecular Weight PAH's	mg/L	-	-	-	-	-	-	<0.00005
Total PAH	mg/L	-	-	-	-	-	-	<0.0001
VH C6-C10	mg/L	-	-	-	-	-	-	<0.3
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	<0.0005
1,1,1-Trichloroethane	mg/L	-	-	-	-	-	-	<0.0005
1,1,2,2-Tetrachloroethane	mg/L	-	-	-	-	-	-	<0.0005

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

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Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNQ EOP 2025-12-02 09:27:00
<b>Organics (cont'd.)</b>								
1,1,2Trichloro-1,2,2Trifluoroethane	mg/L	-	-	-	-	-	-	<0.002
1,1,2-Trichloroethane	mg/L	-	-	-	-	-	-	<0.0005
1,1-Dichloroethane	mg/L	-	-	-	-	-	-	<0.0005
1,1-Dichloroethene	mg/L	-	-	-	-	-	-	<0.0005
1,2,3-trichlorobenzene	mg/L	-	-	0.008	-	-	-	<0.002
1,2,4-trichlorobenzene	mg/L	-	-	0.024	-	-	0.0054	<0.002
1,2-dibromoethane	mg/L	-	-	-	-	-	-	<0.0002
1,2-Dichlorobenzene	mg/L	-	-	0.0007	-	-	0.042	<0.0005
1,2-Dichloroethane	mg/L	-	-	0.1	-	-	-	<0.0005
1,2-Dichloropropane	mg/L	-	-	-	-	-	-	<0.0005
1,3,5-trimethylbenzene	mg/L	-	-	-	-	-	-	<0.002
1,3-Butadiene	mg/L	-	-	-	-	-	-	<0.0005
1,3-Dichlorobenzene	mg/L	-	-	0.15	-	-	-	<0.0005
1,3-dichloropropane	mg/L	-	-	-	-	-	-	<0.001
1,4-Dichlorobenzene	mg/L	-	-	0.026	-	-	-	<0.0005
Benzene	mg/L	0.04	-	-	0.11	-	-	<0.0004
Bromobenzene	mg/L	-	-	-	-	-	-	<0.002
Bromodichloromethane	mg/L	-	-	-	-	-	-	<0.001
Bromoform	mg/L	-	-	-	-	-	-	<0.001
Bromomethane	mg/L	-	-	-	-	-	-	<0.001
Carbon tetrachloride	mg/L	-	-	-	-	-	-	<0.0005
Chlorobenzene	mg/L	-	-	0.0013	-	-	0.025	<0.0005
Chloroethane	mg/L	-	-	-	-	-	-	<0.001
Chloroform	mg/L	-	-	-	-	-	-	<0.001
Chloromethane	mg/L	-	-	-	-	-	-	<0.001
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-	-	<0.001
cis-1,3-Dichloropropene	mg/L	-	-	-	-	-	-	<0.001
Dibromochloromethane	mg/L	-	-	-	-	-	-	<0.001
Dichlorodifluoromethane	mg/L	-	-	-	-	-	-	<0.002
Dichloromethane	mg/L	-	-	0.0981	-	-	-	<0.002
Ethylbenzene	mg/L	0.2	-	-	0.25	-	-	<0.0004
Hexachlorobutadiene	mg/L	-	-	-	-	-	-	<0.0005
Isopropylbenzene	mg/L	-	-	-	-	-	-	<0.002
Methyl-tert-butylether (MTBE)	mg/L	-	3.4	-	-	0.44	-	<0.004
Styrene	mg/L	-	-	0.072	-	-	-	<0.0005
Tetrachloroethene	mg/L	-	-	-	-	-	-	<0.0005
Toluene	mg/L	0.0005	-	-	-	-	-	<0.0004
trans-1,2-dichloroethene	mg/L	-	-	-	-	-	-	<0.001
trans-1,3-dichloropropene	mg/L	-	-	-	-	-	-	<0.001
Trichloroethene	mg/L	-	-	-	-	-	-	<0.0005

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<b>Organics (cont'd.)</b>								
Trichlorofluoromethane	mg/L	-	-	-	-	-	-	<0.004
Vinyl chloride	mg/L	-	-	-	-	-	-	<0.0005
VPH (VH6 to 10 - BTEX)	mg/L	-	-	-	-	-	-	<0.3
Xylenes (Total)	mg/L	0.03	-	-	-	-	-	<0.0004
m & p-Xylene	mg/L	-	-	-	-	-	-	<0.0004
o-Xylene	mg/L	-	-	-	-	-	-	<0.0004
Phenols	mg/L	-	0.05	-	-	-	-	<0.0015
<b>Rainbow Trout</b>								
LC50	% vol/vol	-	-	-	-	-	-	>100%

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 <b>Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report</b>	Reporting Week	Dec 1 <sup>st</sup> to Dec 7 <sup>th</sup> , 2025
	Report #	89
	Appendix C	C-3

Woodfibre Site WTP Discharge Field Notes and Logs

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

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

**Appendices:**

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

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

The discharged water consistently remained within regulatory guidelines. The key parameters, including temperature, NTU, pH, 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 December 01 was 847,263 m<sup>3</sup>.

**Daily Volume Summary:**

**Table 1: Discharge Volumes Daily Summary**

<b>Date</b>	<b>Location</b>	<b>Volume (m3)</b>	<b>Comments</b>
December 01	Woodfibre (WF)	2,866	Exceeded discharge volume limit
December 02	WF	2,714	Exceeded discharge volume limit
December 03	WF	2,811	Exceeded discharge volume limit
December 04	WF	2,797	Exceeded discharge volume limit
December 05	WF	2,801	Exceeded discharge volume limit
December 06	WF	2,721	Exceeded discharge volume limit
December 07	WF	2,817	Exceeded discharge volume limit
<b>Total</b>		<b>19,527</b>	<b>None</b>



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

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**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)
12/1/2025	0:00:00	7.5	3.017	10.7	847,263	11.8	109
12/1/2025	0:15:00	7.3	3.005	5.7	847,308	11.5	109
12/1/2025	0:30:00	7.3	3.043	14.3	847,330	11.5	109
12/1/2025	0:45:00	7.2	3.123	5.8	847,376	11.4	109
12/1/2025	1:00:00	7.2	3.039	5.2	847,417	11.4	109
12/1/2025	1:15:00	7.2	3.017	14.6	847,462	11.5	109
12/1/2025	1:30:00	7.2	3.100	4.5	847,503	11.3	109
12/1/2025	1:45:00	7.2	3.013	8.4	847,546	11.4	109
12/1/2025	2:00:00	7.2	3.085	13.3	847,587	11.3	109
12/1/2025	2:15:00	7.2	3.092	9.9	847,629	11.4	256
12/1/2025	2:30:00	7.2	3.009	8	847,672	11.4	109
12/1/2025	2:45:00	7.1	3.002	8.7	847,713	11.4	258
12/1/2025	3:00:00	7.1	3.013	10.1	847,755	11.4	253
12/1/2025	3:30:00	7.2	3.142	13.6	847,820	11.3	108
12/1/2025	3:45:00	7.2	3.032	6	847,864	11.4	109
12/1/2025	4:00:00	7.2	3.092	8.8	847,905	11.3	109
12/1/2025	4:15:00	7.2	3.142	5.9	847,942	11.3	109
12/1/2025	4:30:00	7.2	3.111	5.2	847,985	11.5	110
12/1/2025	4:45:00	7.2	3.104	5.8	848,028	11.6	109
12/1/2025	5:00:00	7.2	3.172	7.1	848,072	11.5	109
12/1/2025	5:15:00	7.2	3.062	6.8	848,116	11.4	109

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/1/2025	5:30:00	7.2	0.360	5.7	848,141	11.5	109
12/1/2025	5:45:00	7.2	3.081	5.8	848,177	11.5	109
12/1/2025	6:00:00	7.2	3.104	6.1	848,199	11.6	109
12/1/2025	6:15:00	7.2	3.070	4.5	848,242	11.4	109
12/1/2025	6:30:00	7.2	3.062	4.9	848,285	11.4	109
12/1/2025	6:45:00	7.2	3.100	5.6	848,308	11.4	109
12/1/2025	7:00:00	7.2	3.070	4.4	848,351	11.4	109
12/1/2025	7:30:00	7.2	3.066	3.3	848,416	11.3	109
12/1/2025	7:45:00	7.2	3.054	3.7	848,458	11.3	109
12/1/2025	8:00:00	7.2	3.085	5.4	848,482	11.4	109
12/1/2025	8:15:00	7.2	3.066	7.5	848,525	11.3	109
12/1/2025	8:45:00	7.2	3.134	7.7	848,585	11.5	109
12/1/2025	9:00:00	7.2	3.039	6.7	848,627	11.5	109
12/1/2025	9:15:00	7.2	3.073	6.5	848,669	11.6	110
12/1/2025	9:30:00	7.2	3.085	5.5	848,712	11.8	110
12/1/2025	9:45:00	7.3	0.000	4.8	848,744	11.9	110
12/1/2025	10:00:00	7.2	2.892	5.4	848,761	12	110
12/1/2025	10:15:00	7.2	2.933	5.9	848,801	12.1	112
12/1/2025	10:30:00	7.2	2.695	6.4	848,843	12.1	112
12/1/2025	10:45:00	7.2	2.899	6.2	848,883	12.3	112
12/1/2025	11:00:00	7.2	2.426	5.1	848,924	12.3	250
12/1/2025	11:15:00	7.2	3.085	4.9	848,937	13.2	249
12/1/2025	11:30:00	7.2	2.294	5	848,979	12.5	112
12/1/2025	11:45:00	7.2	3.054	5.6	849,022	12.4	247
12/1/2025	12:00:00	7.2	2.195	5.1	849,064	12.4	251

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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/1/2025	12:15:00	7.2	3.138	8.3	849,106	12.2	253
12/1/2025	12:30:00	7.2	2.176	4.4	849,149	12.2	250
12/1/2025	12:45:00	7.2	3.123	5.6	849,176	12.4	252
12/1/2025	13:00:00	7.3	2.173	4.7	849,220	12.4	254
12/1/2025	13:15:00	7.3	3.039	5.5	849,249	12.7	115
12/1/2025	13:30:00	7.3	2.150	4.5	849,291	12.8	251
12/1/2025	13:45:00	7.3	2.903	5.6	849,333	12.9	249
12/1/2025	14:00:00	7.3	1.930	5.1	849,372	13	251
12/1/2025	14:15:00	7.3	3.107	5.5	849,400	12.9	252
12/1/2025	14:30:00	7.3	2.051	4.2	849,440	12.9	252
12/1/2025	14:45:00	7.3	2.918	5.2	849,480	13.1	252
12/1/2025	15:00:00	7.3	2.316	9.1	849,521	13.1	252
12/1/2025	15:15:00	7.3	2.926	8.1	849,563	13	252
12/1/2025	16:30:00	7.3	3.005	10.2	849,675	11.9	110
12/1/2025	16:45:00	7.2	2.612	10.7	849,715	12.2	110
12/1/2025	17:00:00	7.2	2.854	10.3	849,755	11.9	251
12/1/2025	17:15:00	7.2	2.419	8.8	849,794	12.4	112
12/1/2025	17:30:00	7.2	2.952	10	849,814	12.3	112
12/1/2025	17:45:00	7.3	2.699	10.5	849,854	12.5	112
12/1/2025	18:00:00	7.2	2.865	9.6	849,893	12.3	249
12/1/2025	18:15:00	7.2	2.820	13.5	849,933	12.5	112
12/1/2025	19:00:00	7.3	2.805	11.3	850,021	12.1	110
12/1/2025	19:15:00	7.3	2.774	11.4	850,051	12.7	112
12/1/2025	19:30:00	7.3	3.134	13.6	850,088	12.2	112
12/1/2025	19:45:00	7.3	3.028	15.6	850,119	12.3	110

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/1/2025	20:00:00	7.3	3.138	2.3	850,160	12.1	110
12/1/2025	20:15:00	7.3	3.020	1.3	850,192	12.3	112
12/1/2025	20:30:00	7.3	3.119	2.7	850,222	12.5	112
12/1/2025	20:45:00	7.3	3.036	4.2	850,264	12.6	112
12/1/2025	21:00:00	7.3	3.032	0.9	850,306	12.5	114
12/1/2025	21:15:00	7.3	3.077	16.3	850,349	12.7	112
12/1/2025	21:30:00	7.3	2.971	4.4	850,391	12.5	114
12/1/2025	21:45:00	7.3	2.933	1.7	850,432	12.7	114
12/1/2025	22:00:00	7.3	0.382	1.3	850,456	13.2	114
12/1/2025	22:15:00	7.3	2.990	1.2	850,497	12.8	112
12/1/2025	22:30:00	7.3	3.005	1.5	850,538	12.6	112
12/1/2025	22:45:00	7.3	2.309	0.3	850,565	13.1	114
12/1/2025	23:00:00	7.3	2.990	0.5	850,606	12.7	114
12/1/2025	23:15:00	7.3	3.073	2	850,649	12.9	114
12/1/2025	23:30:00	7.3	2.967	1.1	850,690	12.7	112
12/2/2025	0:00:00	7.3	2.983	1.4	850,753	12.7	112
12/2/2025	0:30:00	7.3	3.054	1.3	850,821	12.8	114
12/2/2025	0:45:00	7.2	2.979	3	850,862	12.9	112
12/2/2025	1:00:00	7.2	2.945	1	850,902	12.7	112
12/2/2025	1:30:00	7.2	2.990	1	850,967	12.5	112
12/2/2025	1:45:00	7.3	3.104	1.6	851,009	12.7	112
12/2/2025	2:00:00	7.3	2.967	1.7	851,051	12.6	112
12/2/2025	2:30:00	7.3	3.054	1.4	851,117	12.7	112
12/2/2025	2:45:00	7.3	3.002	2.6	851,159	13	114
12/2/2025	3:15:00	7.3	3.024	4.5	851,218	13.2	114



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/2/2025	3:30:00	7.3	3.024	5.7	851,260	12.8	112
12/2/2025	3:45:00	7.3	3.130	7.1	851,303	12.9	112
12/2/2025	4:00:00	7.3	3.357	6.5	851,342	12.4	112
12/2/2025	4:15:00	7.3	3.107	7.1	851,385	12.4	110
12/2/2025	4:30:00	7.3	3.244	9.6	851,409	12.4	110
12/2/2025	4:45:00	7.3	3.153	7.9	851,453	12.2	110
12/2/2025	5:00:00	7.3	3.232	7.7	851,497	12.2	112
12/2/2025	5:30:00	7.3	3.210	8.5	851,551	12.8	114
12/2/2025	5:45:00	7.3	3.089	7.5	851,596	12.7	112
12/2/2025	6:00:00	7.3	3.039	12.8	851,615	13	247
12/2/2025	6:15:00	7.3	3.077	6.4	851,658	12.3	110
12/2/2025	6:30:00	7.3	3.104	6.5	851,680	12.3	109
12/2/2025	6:45:00	7.3	3.179	8.9	851,722	12.2	109
12/2/2025	7:00:00	7.3	3.195	10.6	851,766	12	109
12/2/2025	7:30:00	7.3	3.066	7.3	851,821	12	109
12/2/2025	7:45:00	7.3	3.853	25.4	851,862	12.2	110
12/2/2025	8:15:00	7.3	2.896	3.7	851,907	12.2	110
12/2/2025	8:45:00	7.3	2.729	1.8	851,959	12.1	110
12/2/2025	9:15:00	7.3	2.691	2	852,013	12.2	110
12/2/2025	9:30:00	7.3	2.714	2.7	852,053	12.3	112
12/2/2025	9:45:00	7.3	2.634	2.4	852,093	12.4	112
12/2/2025	10:00:00	7.3	3.520	16.9	852,131	12.5	112
12/2/2025	10:15:00	7.4	1.609	8.9	852,161	12.5	110
12/2/2025	10:30:00	7.3	3.119	6.2	852,183	12.4	110
12/2/2025	10:45:00	7.3	3.017	4	852,225	12.6	249



# Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/2/2025	11:00:00	7.3	3.119	7.2	852,267	12.7	251
12/2/2025	11:15:00	7.3	2.998	4.5	852,308	12.7	250
12/2/2025	11:30:00	7.3	2.971	5.4	852,340	12.2	255
12/2/2025	11:45:00	7.4	2.165	1.9	852,362	12.3	110
12/2/2025	12:00:00	7.3	2.933	1.6	852,403	12.4	252
12/2/2025	12:15:00	7.3	3.134	1.6	852,439	12.5	110
12/2/2025	12:30:00	7.3	3.005	2.5	852,485	12.3	110
12/2/2025	12:45:00	7.4	2.967	2.2	852,526	12.3	109
12/2/2025	13:00:00	7.4	2.998	1.9	852,572	12.2	109
12/2/2025	13:15:00	7.4	3.062	2.4	852,613	12.2	109
12/2/2025	13:30:00	7.4	2.956	2.3	852,659	12.2	109
12/2/2025	13:45:00	7.4	2.930	2.3	852,699	12.2	109
12/2/2025	14:00:00	7.4	3.024	1.6	852,743	12.2	109
12/2/2025	14:15:00	7.4	2.914	0.8	852,784	12.1	109
12/2/2025	14:30:00	7.4	2.899	0.4	852,828	12.1	109
12/2/2025	14:45:00	7.4	2.941	0.3	852,847	12.1	109
12/2/2025	15:00:00	7.4	2.914	0.6	852,891	12	109
12/2/2025	15:30:00	7.5	2.858	1.5	852,950	11.9	109
12/2/2025	15:45:00	7.4	3.115	0.9	852,989	11.9	109
12/2/2025	16:00:00	7.4	2.979	0.6	853,035	11.9	109
12/2/2025	16:15:00	7.4	2.884	1.2	853,055	12	109
12/2/2025	16:45:00	7.4	3.009	0.9	853,112	11.7	109
12/2/2025	17:00:00	7.4	3.054	1.2	853,157	11.6	107
12/2/2025	17:15:00	7.4	2.971	1.4	853,194	11.6	107
12/2/2025	18:15:00	7.4	2.971	1.1	853,326	11.8	110

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/2/2025	18:30:00	7.4	2.888	0.9	853,371	11.8	110
12/2/2025	19:15:00	7.4	2.952	1.5	853,389	12.8	114
12/2/2025	19:30:00	7.4	3.020	0	853,428	12.7	114
12/2/2025	19:45:00	7.4	2.979	0	853,470	12.9	115
12/2/2025	20:00:00	7.4	2.896	0	853,515	12.7	114
12/2/2025	20:15:00	7.4	0.310	0	853,547	12.8	114
12/2/2025	20:30:00	7.5	3.024	0	853,572	12.8	115
12/2/2025	20:45:00	7.5	3.043	0	853,614	13	115
12/2/2025	21:00:00	7.5	2.926	0	853,640	13.2	115
12/2/2025	21:15:00	7.5	3.058	0	853,682	13.3	117
12/2/2025	21:30:00	7.5	2.650	0	853,705	13.5	117
12/2/2025	21:45:00	7.5	0.401	0	853,738	13.6	116
12/2/2025	22:00:00	7.5	2.449	0	853,769	13.4	115
12/2/2025	22:15:00	7.5	3.164	0	853,811	13.5	117
12/2/2025	22:30:00	7.5	2.256	0	853,852	13.5	117
12/2/2025	22:45:00	7.5	3.073	0	853,877	13.5	117
12/2/2025	23:00:00	7.5	2.245	0	853,923	13.5	117
12/2/2025	23:15:00	7.4	3.066	0	853,945	13.6	117
12/2/2025	23:30:00	7.5	2.188	0.3	853,991	13.5	117
12/2/2025	23:45:00	7.5	0.386	0.4	854,029	13.6	115
12/3/2025	0:00:00	7.4	2.237	0.1	854,056	13.4	115
12/3/2025	0:15:00	7.4	3.024	0.6	854,098	13.2	113
12/3/2025	0:30:00	7.4	2.252	0.2	854,124	13.2	113
12/3/2025	0:45:00	7.5	0.326	0.3	854,152	13.2	114
12/3/2025	1:00:00	7.5	2.207	0.4	854,187	12.9	114



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/3/2025	1:15:00	7.5	3.070	0.4	854,230	12.9	114
12/3/2025	1:30:00	7.4	2.150	0	854,270	13	114
12/3/2025	1:45:00	7.5	3.028	0.2	854,313	13	114
12/3/2025	2:00:00	7.4	2.142	0	854,358	13.1	115
12/3/2025	2:15:00	7.5	0.382	0	854,379	13.8	115
12/3/2025	2:30:00	7.4	2.184	0	854,422	13.2	115
12/3/2025	2:45:00	7.4	3.020	0.1	854,464	13	114
12/3/2025	3:00:00	7.4	2.180	0	854,488	13.2	114
12/3/2025	3:15:00	7.5	3.020	1	854,531	13.1	114
12/3/2025	3:30:00	7.5	2.112	2.5	854,575	13.2	114
12/3/2025	3:45:00	7.5	3.107	4.2	854,610	13.1	114
12/3/2025	4:00:00	7.5	2.309	4.1	854,656	13.1	116
12/3/2025	4:15:00	7.5	3.028	5.2	854,681	13.1	113
12/3/2025	4:30:00	7.5	2.161	4.4	854,720	12.8	112
12/3/2025	4:45:00	7.4	3.036	1.4	854,743	13.4	112
12/3/2025	5:00:00	7.4	2.324	0.3	854,788	12.8	114
12/3/2025	5:15:00	7.4	3.119	0.8	854,827	12.9	114
12/3/2025	5:30:00	7.4	2.188	0	854,872	13	114
12/3/2025	5:45:00	7.4	3.009	0	854,914	13.1	115
12/3/2025	6:00:00	7.4	2.104	0.4	854,953	13.1	114
12/3/2025	6:15:00	7.4	3.085	2.8	854,985	13	112
12/3/2025	6:30:00	7.4	2.294	16.9	855,026	12.8	112
12/3/2025	6:45:00	7.4	3.168	2.9	855,064	12.4	110
12/3/2025	7:00:00	7.4	2.487	11.1	855,112	12.2	110
12/3/2025	7:15:00	7.4	3.183	1.4	855,147	12.1	110



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/3/2025	7:30:00	7.4	2.494	8.2	855,189	12.1	110
12/3/2025	7:45:00	7.4	0.625	0.3	855,233	12.2	112
12/3/2025	8:00:00	7.4	2.237	4.2	855,256	12.4	112
12/3/2025	8:15:00	7.4	0.386	0.5	855,273	13.2	112
12/3/2025	8:30:00	7.5	0.958	1.5	855,304	12.4	112
12/3/2025	8:45:00	7.3	2.544	0.7	855,335	12.4	112
12/3/2025	9:00:00	7.3	1.775	0.9	855,368	12.2	110
12/3/2025	9:15:00	7.4	3.111	0.9	855,406	12.1	110
12/3/2025	9:30:00	7.4	0.632	0	855,450	12.1	112
12/3/2025	9:45:00	7.4	3.020	0	855,489	12.3	112
12/3/2025	10:00:00	7.4	0.360	0	855,522	12.7	112
12/3/2025	10:15:00	7.4	3.130	0	855,561	12.6	114
12/3/2025	10:30:00	7.4	2.188	0	855,600	12.8	114
12/3/2025	10:45:00	7.4	3.036	0.6	855,617	13	114
12/3/2025	11:00:00	7.4	2.347	1.7	855,663	12.7	112
12/3/2025	11:15:00	7.4	3.051	2.6	855,701	12.5	112
12/3/2025	11:30:00	7.4	2.207	6.3	855,746	12.6	112
12/3/2025	11:45:00	7.4	3.043	3.4	855,770	12.7	112
12/3/2025	12:00:00	7.4	2.475	15.3	855,810	12.5	112
12/3/2025	12:30:00	7.3	2.214	7.3	855,870	12.5	110
12/3/2025	12:45:00	7.3	2.922	1.8	855,905	12.5	113
12/3/2025	13:00:00	7.2	2.214	10.8	855,946	12.7	249
12/3/2025	13:30:00	7.3	2.328	3.8	856,006	13	249
12/3/2025	13:45:00	7.2	3.009	1.2	856,041	13	249
12/3/2025	14:00:00	7.2	2.275	7.3	856,085	13.1	251



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/3/2025	14:30:00	7.3	2.282	3	856,106	12.9	251
12/3/2025	14:45:00	7.2	2.998	0.9	856,150	12.9	253
12/3/2025	15:00:00	7.2	2.210	3	856,188	13.2	252
12/3/2025	15:15:00	7.2	3.100	0.5	856,222	13.1	253
12/3/2025	15:45:00	7.2	3.009	0.8	856,287	13	251
12/3/2025	16:00:00	7.2	2.301	2.7	856,332	12.9	251
12/3/2025	16:15:00	7.2	3.073	2.7	856,375	12.9	251
12/3/2025	16:30:00	7.3	2.176	1.8	856,414	12.9	251
12/3/2025	16:45:00	7.3	3.073	0.9	856,458	12.8	251
12/3/2025	17:00:00	7.3	2.241	1.2	856,478	13.7	257
12/3/2025	17:15:00	7.3	2.971	1.4	856,516	13	255
12/3/2025	17:30:00	7.3	2.309	3	856,551	13	253
12/3/2025	17:45:00	7.2	3.092	0.3	856,595	12.9	251
12/3/2025	18:00:00	7.2	2.192	2.6	856,634	12.9	252
12/3/2025	18:15:00	7.2	3.073	2.3	856,678	12.8	253
12/3/2025	18:30:00	7.2	1.938	1.3	856,712	12.8	252
12/3/2025	18:45:00	7.2	3.213	1.4	856,746	12.7	250
12/3/2025	19:00:00	7.3	2.358	3	856,793	12.7	251
12/3/2025	19:15:00	7.3	3.130	2.1	856,838	12.7	112
12/3/2025	19:30:00	7.3	2.271	2.1	856,874	12.7	112
12/3/2025	19:45:00	7.3	3.115	10.5	856,908	12.7	112
12/3/2025	20:15:00	7.3	3.142	1.7	856,972	12.6	112
12/3/2025	20:30:00	7.3	2.233	1.1	857,017	12.6	113
12/3/2025	21:00:00	7.3	2.248	1.5	857,077	12.9	114
12/3/2025	21:15:00	7.3	3.062	0	857,099	13	114



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/3/2025	21:30:00	7.3	2.362	0.5	857,144	13	114
12/3/2025	21:45:00	7.3	3.005	0.4	857,183	12.9	114
12/3/2025	22:15:00	7.3	3.002	0.6	857,248	13.1	114
12/3/2025	22:30:00	7.3	2.313	1.5	857,274	13.3	114
12/3/2025	22:45:00	7.3	3.043	1	857,318	13.1	114
12/3/2025	23:00:00	7.4	2.347	4.9	857,361	13.3	115
12/3/2025	23:15:00	7.4	3.002	0.9	857,401	13.3	114
12/3/2025	23:45:00	7.3	3.005	0.4	857,468	13.4	115
12/4/2025	0:15:00	7.3	2.990	1.3	857,506	13.5	114
12/4/2025	0:30:00	7.3	2.104	2.9	857,549	13.6	115
12/4/2025	0:45:00	7.3	2.990	3.1	857,569	13.4	114
12/4/2025	1:00:00	7.3	2.173	6.5	857,612	13.3	114
12/4/2025	1:15:00	7.3	3.047	4.3	857,652	13.2	112
12/4/2025	1:30:00	7.4	2.252	6.2	857,691	13.1	112
12/4/2025	1:45:00	7.3	2.994	5.3	857,712	13.3	112
12/4/2025	2:00:00	7.3	2.233	3.9	857,756	13.1	112
12/4/2025	2:30:00	7.3	2.263	3	857,809	13.1	112
12/4/2025	2:45:00	7.3	2.979	3.9	857,851	12.9	112
12/4/2025	3:00:00	7.3	2.297	3.3	857,890	12.9	112
12/4/2025	3:30:00	7.3	2.271	3.4	857,960	12.8	112
12/4/2025	3:45:00	7.3	3.085	3.9	857,964	13.7	247
12/4/2025	4:00:00	7.3	2.237	3.8	858,008	12.9	112
12/4/2025	4:15:00	7.3	3.149	4.2	858,053	12.7	112
12/4/2025	4:45:00	7.3	2.911	3.7	858,117	12.7	112
12/4/2025	5:00:00	7.3	2.093	5	858,159	12.9	248



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/4/2025	5:15:00	7.3	3.138	4.3	858,199	13	248
12/4/2025	5:30:00	7.3	2.237	6.3	858,240	13.2	248
12/4/2025	5:45:00	7.3	3.028	4.1	858,284	13.2	250
12/4/2025	6:00:00	7.3	2.245	2.8	858,298	13.6	250
12/4/2025	6:15:00	7.3	3.168	4.9	858,343	13.1	250
12/4/2025	6:30:00	7.3	2.241	5.5	858,387	12.9	247
12/4/2025	6:45:00	7.3	3.149	5.3	858,427	12.7	250
12/4/2025	7:00:00	7.3	2.347	7.6	858,471	12.6	248
12/4/2025	7:15:00	7.3	3.062	3.6	858,516	12.8	249
12/4/2025	7:30:00	7.3	2.195	3.7	858,553	13	250
12/4/2025	8:00:00	7.3	2.316	3	858,630	12.9	250
12/4/2025	8:15:00	7.3	3.017	3.7	858,670	12.8	250
12/4/2025	8:30:00	7.3	2.199	8.3	858,705	12.6	108
12/4/2025	9:00:00	7.3	2.967	3.4	858,761	12.1	248
12/4/2025	9:15:00	7.2	2.926	3.4	858,804	12	109
12/4/2025	9:30:00	7.2	2.888	2.8	858,844	11.9	252
12/4/2025	9:45:00	7.2	2.873	2.6	858,887	11.9	252
12/4/2025	10:00:00	7.2	2.021	2.4	858,921	12.1	253
12/4/2025	10:15:00	7.2	2.699	2.5	858,960	12	252
12/4/2025	10:45:00	7.2	2.468	4.9	859,006	11.9	251
12/4/2025	11:00:00	7.3	3.232	2.8	859,050	11.7	251
12/4/2025	11:15:00	7.2	3.297	2.6	859,099	11.7	107
12/4/2025	11:30:00	7.2	2.612	4.5	859,140	11.8	107
12/4/2025	12:15:00	7.2	2.623	1.6	859,217	12.2	253
12/4/2025	12:45:00	7.3	3.304	1.6	859,286	12.4	252



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/4/2025	13:15:00	7.3	3.217	1.5	859,371	12.6	254
12/4/2025	13:45:00	7.3	2.574	1.3	859,428	12.9	253
12/4/2025	14:00:00	7.3	3.149	0.9	859,471	12.8	254
12/4/2025	14:15:00	7.3	3.198	1.5	859,489	13.1	254
12/4/2025	14:45:00	7.3	3.191	1.3	859,544	12.9	255
12/4/2025	15:00:00	7.2	3.138	0.9	859,589	12.9	256
12/4/2025	15:15:00	7.2	2.392	3	859,626	13.1	252
12/4/2025	15:30:00	7.3	3.407	3.3	859,659	12.5	253
12/4/2025	15:45:00	7.2	3.221	1.8	859,705	12.5	258
12/4/2025	16:00:00	7.2	2.400	1.4	859,751	12.4	259
12/4/2025	16:45:00	7.2	3.410	2.3	859,850	12.5	258
12/4/2025	17:00:00	7.2	2.597	1.7	859,899	12.5	258
12/4/2025	17:15:00	7.2	3.369	4.2	859,948	12.4	259
12/4/2025	17:45:00	7.2	2.320	8.4	860,026	12.5	261
12/4/2025	18:00:00	7.2	3.410	3.1	860,071	12.5	261
12/4/2025	18:15:00	7.3	2.672	5.2	860,120	12.6	263
12/4/2025	18:30:00	7.3	3.391	3	860,166	12.7	263
12/4/2025	18:45:00	7.2	2.631	12.4	860,188	13	262
12/4/2025	19:00:00	7.2	2.680	5	860,218	12.7	259
12/4/2025	19:15:00	7.2	3.414	3.4	860,269	12.1	257
12/4/2025	19:45:00	7.2	3.418	3.1	860,339	11.8	253
12/4/2025	20:00:00	7.2	3.304	12.7	860,386	11.8	255
12/4/2025	20:30:00	7.2	3.346	5.5	860,443	11.6	107
12/4/2025	20:45:00	7.2	3.338	5.8	860,469	11.6	107
12/4/2025	21:00:00	7.2	2.559	7.7	860,513	11.5	107



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/4/2025	21:15:00	7.2	3.323	11.7	860,560	11.4	108
12/4/2025	21:30:00	7.2	3.149	5.4	860,584	11.3	105
12/4/2025	21:45:00	7.1	3.312	9.9	860,629	11.3	107
12/4/2025	22:15:00	7.2	3.187	11.1	860,695	11.2	105
12/4/2025	22:30:00	7.2	3.183	13.6	860,740	11.2	107
12/4/2025	22:45:00	7.3	3.251	1.2	860,784	11.2	105
12/4/2025	23:00:00	7.2	3.229	66.5	860,828	11.2	107
12/4/2025	23:30:00	7.3	3.327	1.1	860,862	11.2	105
12/5/2025	0:45:00	7.2	2.937	5	860,992	11.2	108
12/5/2025	1:00:00	7.2	3.043	3.2	861,012	11.5	108
12/5/2025	1:15:00	7.3	3.032	5.8	861,065	11.7	254
12/5/2025	1:30:00	8.1	3.024	13.6	861,107	11.9	252
12/5/2025	1:45:00	8.8	3.047	16.7	861,131	12.3	252
12/5/2025	2:00:00	9	3.338	4.3	861,159	12.1	251
12/5/2025	2:15:00	7.5	3.138	1.8	861,191	12	256
12/5/2025	2:30:00	7.4	3.115	3.7	861,234	11.9	261
12/5/2025	2:45:00	7.4	3.123	6.5	861,260	11.9	261
12/5/2025	3:00:00	7.3	3.115	4.5	861,303	11.6	261
12/5/2025	3:15:00	7.3	0.466	3.4	861,333	12	261
12/5/2025	3:30:00	7.3	0.696	2	861,373	12	259
12/5/2025	3:45:00	7.4	3.145	3.5	861,403	12.1	259
12/5/2025	4:00:00	7.4	3.123	3.1	861,446	12.2	259
12/5/2025	4:15:00	7.5	0.394	3.1	861,483	12.4	261
12/5/2025	4:30:00	7.5	3.138	4.5	861,520	12.3	256
12/5/2025	4:45:00	7.2	0.450	3.1	861,546	12.6	261



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/5/2025	5:00:00	7.3	3.149	7.5	861,587	12.3	259
12/5/2025	5:15:00	7.3	3.134	7.2	861,630	12.4	259
12/5/2025	5:30:00	7.5	3.142	6.4	861,674	12.4	257
12/5/2025	5:45:00	7.5	3.138	2.4	861,718	12.5	257
12/5/2025	6:00:00	7.5	3.145	1.4	861,761	12.5	257
12/5/2025	6:15:00	7.4	3.145	1.5	861,805	12.3	259
12/5/2025	6:30:00	7.4	3.369	3.1	861,852	12.3	259
12/5/2025	6:45:00	7.4	3.369	3	861,899	12.3	259
12/5/2025	7:00:00	7.4	3.357	1.3	861,946	12.3	266
12/5/2025	7:15:00	7.4	3.338	1.3	861,993	12.3	262
12/5/2025	7:30:00	7.4	3.346	3.1	862,021	12.3	256
12/5/2025	7:45:00	7.4	3.346	3.9	862,047	12.4	259
12/5/2025	8:00:00	7.4	3.319	2.4	862,093	12.1	256
12/5/2025	8:15:00	7.3	3.380	3.6	862,129	12	258
12/5/2025	8:30:00	7.3	3.354	5.2	862,176	11.9	258
12/5/2025	8:45:00	7.4	3.376	3.6	862,201	12	262
12/5/2025	9:00:00	7.4	3.354	2.9	862,231	11.9	259
12/5/2025	9:15:00	7.5	3.278	3.5	862,269	11.9	259
12/5/2025	9:30:00	7.5	3.331	2.9	862,316	12.2	266
12/5/2025	9:45:00	7.5	2.956	2.1	862,348	12.4	266
12/5/2025	10:00:00	7.4	3.354	2.1	862,395	12.6	264
12/5/2025	10:15:00	7.4	2.623	1.7	862,442	12.6	267
12/5/2025	10:30:00	7.4	3.357	2.1	862,466	12.9	264
12/5/2025	10:45:00	7.4	2.521	2.7	862,502	12.9	267
12/5/2025	11:00:00	7.4	3.365	2.1	862,530	12.7	261



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/5/2025	11:30:00	7.3	2.861	3.2	862,584	12.2	267
12/5/2025	11:45:00	7.3	2.528	3	862,630	12.1	266
12/5/2025	12:00:00	7.4	3.304	3.3	862,676	12.1	272
12/5/2025	12:15:00	7.4	2.494	2.7	862,703	12	265
12/5/2025	12:30:00	7.4	3.342	4	862,732	12.2	272
12/5/2025	12:45:00	7.4	2.926	3.4	862,769	12.1	264
12/5/2025	13:00:00	7.4	3.350	4.4	862,816	12.2	271
12/5/2025	13:30:00	7.4	3.350	3.5	862,891	12.8	267
12/5/2025	13:45:00	7.4	2.460	5.7	862,937	13.2	271
12/5/2025	14:00:00	7.4	3.361	5.4	862,964	13.5	266
12/5/2025	14:15:00	7.4	2.528	6	862,987	13.6	266
12/5/2025	14:30:00	7.4	3.361	10.7	863,034	13.1	272
12/5/2025	14:45:00	7.4	2.559	7.3	863,080	13	277
12/5/2025	15:00:00	7.4	3.301	5.2	863,127	12.8	284
12/5/2025	15:15:00	7.4	2.483	4	863,173	12.8	284
12/5/2025	15:45:00	7.4	2.381	5.4	863,242	12.8	278
12/5/2025	16:00:00	7.4	3.289	8.5	863,275	12.8	279
12/5/2025	16:15:00	7.4	2.441	3.9	863,320	12.9	277
12/5/2025	16:30:00	7.4	3.312	5.9	863,367	13	282
12/5/2025	16:45:00	7.4	2.483	7.3	863,412	12.9	284
12/5/2025	17:30:00	7.4	2.744	10.3	863,498	12.6	284
12/5/2025	17:45:00	7.3	2.385	7	863,536	12.5	283
12/5/2025	18:00:00	7.3	3.149	7.9	863,581	12.5	278
12/5/2025	18:15:00	7.3	2.343	9.5	863,624	12.5	278
12/5/2025	18:30:00	7.3	3.138	6.6	863,668	12.5	268



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/5/2025	19:00:00	7.3	2.290	9.7	863,742	12.4	271
12/5/2025	19:15:00	7.3	2.229	5.6	863,784	12.6	262
12/5/2025	19:30:00	7.3	2.256	6.6	863,825	12.7	266
12/5/2025	19:45:00	7.3	2.226	5.8	863,842	12.8	264
12/5/2025	20:00:00	7.3	2.377	6.1	863,885	12.9	261
12/5/2025	20:15:00	7.3	2.347	6.2	863,928	12.7	264
12/5/2025	20:30:00	7.3	2.388	10.5	863,972	12.5	266
12/5/2025	20:45:00	7.3	2.373	6.2	864,016	12.7	262
12/5/2025	21:00:00	7.3	2.381	9.4	864,059	12.8	262
12/5/2025	21:15:00	7.3	2.320	2.3	864,103	12.3	254
12/5/2025	21:30:00	7.3	3.081	1.6	864,147	12.4	252
12/5/2025	21:45:00	7.3	2.271	2.5	864,192	12.4	261
12/5/2025	22:00:00	7.3	3.089	3.3	864,213	12.9	264
12/5/2025	22:15:00	7.3	2.275	2.7	864,259	12.5	264
12/5/2025	22:30:00	7.3	3.073	2.6	864,282	12.4	266
12/5/2025	23:00:00	7.3	3.070	3.1	864,346	12.3	261
12/5/2025	23:15:00	7.4	2.419	14.1	864,390	12.2	263
12/5/2025	23:45:00	7.4	2.438	4.3	864,455	12.1	263
12/6/2025	0:00:00	7.4	3.123	2.9	864,481	12.2	263
12/6/2025	0:15:00	7.4	2.441	5.7	864,525	12.1	262
12/6/2025	0:30:00	7.3	3.123	2.5	864,550	12.1	262
12/6/2025	0:45:00	7.3	2.350	3.4	864,593	12	262
12/6/2025	1:00:00	7.2	3.100	3.5	864,619	12	263
12/6/2025	1:30:00	7.3	3.104	5.1	864,687	12	263
12/6/2025	1:45:00	7.3	2.411	6.4	864,709	12	267



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/6/2025	2:00:00	7.3	3.092	5.3	864,752	11.9	266
12/6/2025	2:15:00	7.3	2.377	9	864,780	11.9	270
12/6/2025	2:30:00	7.3	3.115	4.9	864,804	11.9	271
12/6/2025	3:00:00	7.2	3.077	5.8	864,873	12.1	274
12/6/2025	3:15:00	7.3	2.388	9.5	864,893	12.1	273
12/6/2025	3:30:00	7.3	3.111	5.3	864,918	12.3	273
12/6/2025	3:45:00	7	2.388	7	864,961	12.1	275
12/6/2025	4:00:00	7	3.081	6.1	865,006	12.1	274
12/6/2025	4:15:00	7	2.415	12.7	865,032	12.2	275
12/6/2025	4:30:00	7.1	3.081	6.8	865,076	12.1	275
12/6/2025	4:45:00	7.2	2.396	14	865,103	12.3	277
12/6/2025	5:00:00	7.3	3.089	7.6	865,148	12.1	273
12/6/2025	5:15:00	7.2	2.203	15.9	865,176	12.2	273
12/6/2025	5:30:00	7.1	3.036	7.5	865,218	12.2	273
12/6/2025	5:45:00	7.2	2.460	12.7	865,258	12.3	273
12/6/2025	6:00:00	7.3	3.145	13.1	865,304	12.2	268
12/6/2025	6:30:00	7.2	2.998	8.7	865,371	12.1	265
12/6/2025	7:00:00	7.3	3.089	8.1	865,441	12.1	267
12/6/2025	7:15:00	7.4	2.290	10	865,468	12	266
12/6/2025	7:30:00	7.4	3.085	7.6	865,513	11.8	265
12/6/2025	7:45:00	7.4	2.324	7.2	865,539	11.8	265
12/6/2025	8:30:00	7.4	3.111	13.9	865,635	11.8	267
12/6/2025	8:45:00	7.4	2.332	11.7	865,672	11.7	267
12/6/2025	9:00:00	7.4	3.073	11.6	865,706	11.7	267
12/6/2025	9:15:00	7.3	2.210	8.4	865,739	11.7	270



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/6/2025	9:30:00	7.2	3.073	7.6	865,770	11.7	272
12/6/2025	9:45:00	7.1	2.990	5.1	865,813	11.8	271
12/6/2025	10:00:00	7.1	3.054	4.7	865,853	12	272
12/6/2025	10:15:00	7.1	3.054	6.6	865,896	12.3	274
12/6/2025	10:30:00	7.2	3.054	10.3	865,937	12.3	274
12/6/2025	10:45:00	7.2	3.092	11.4	865,979	12.5	274
12/6/2025	11:15:00	7.3	3.278	13.1	866,044	12.5	275
12/6/2025	11:30:00	7.4	3.259	13.2	866,087	12.6	270
12/6/2025	12:00:00	7.3	3.248	11.9	866,155	12.8	269
12/6/2025	12:30:00	7.2	2.782	12.3	866,222	12.6	271
12/6/2025	12:45:00	7.3	2.699	9.9	866,256	12.6	271
12/6/2025	13:00:00	7.3	1.930	14.6	866,293	12.7	271
12/6/2025	13:15:00	7.3	3.142	2.1	866,328	12.8	268
12/6/2025	13:30:00	7.2	2.366	1.2	866,372	12.8	269
12/6/2025	13:45:00	7.3	3.119	2.5	866,415	12.9	269
12/6/2025	14:15:00	7.3	3.062	4.5	866,494	13.1	271
12/6/2025	14:30:00	7.3	2.324	4.3	866,524	13.1	271
12/6/2025	14:45:00	7.3	3.036	2.3	866,566	12.9	269
12/6/2025	15:15:00	7.4	3.054	6.1	866,634	12.9	267
12/6/2025	15:30:00	7.4	2.305	6.1	866,676	13	267
12/6/2025	15:45:00	7.4	3.058	3.6	866,718	12.9	269
12/6/2025	16:00:00	7.4	2.305	2.7	866,760	12.9	276
12/6/2025	16:30:00	7.3	2.260	2	866,832	12.8	282
12/6/2025	16:45:00	7.3	3.047	3.3	866,859	12.6	283
12/6/2025	17:00:00	7.3	2.263	3.8	866,901	12.6	281



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/6/2025	17:15:00	7.3	3.058	5.9	866,943	12.6	279
12/6/2025	17:30:00	7.3	2.271	7.9	866,985	12.7	278
12/6/2025	17:45:00	7.4	3.032	6.6	867,028	12.6	279
12/6/2025	18:00:00	7.3	2.279	9.5	867,069	12.6	283
12/6/2025	18:15:00	7.3	3.017	5.1	867,111	12.7	283
12/6/2025	18:30:00	7.3	2.949	33.3	867,158	12.8	279
12/6/2025	18:45:00	7.3	3.520	8.1	867,206	12.8	277
12/6/2025	19:00:00	7.3	1.601	2.9	867,241	13.1	279
12/6/2025	19:15:00	7.3	3.418	6.4	867,282	12.9	276
12/6/2025	19:30:00	7.3	2.650	19.1	867,329	12.8	274
12/6/2025	19:45:00	7.3	3.384	16.2	867,377	12.7	273
12/6/2025	20:15:00	7.3	3.225	4	867,432	12.5	269
12/6/2025	20:45:00	7.3	3.319	2.7	867,504	12.2	267
12/6/2025	21:15:00	7.3	3.319	2.2	867,575	12.2	272
12/6/2025	21:30:00	7.3	2.513	5.7	867,619	12.2	270
12/6/2025	21:45:00	7.3	3.323	1.7	867,647	12.2	270
12/6/2025	22:00:00	7.3	2.843	15.8	867,692	12.2	270
12/6/2025	22:15:00	7.3	3.308	2.1	867,722	12.3	271
12/6/2025	22:45:00	7.4	3.327	2.4	867,797	12.5	266
12/6/2025	23:00:00	7.4	2.695	25.9	867,819	13	268
12/6/2025	23:15:00	7.4	3.312	3.8	867,866	12.7	268
12/6/2025	23:30:00	7.4	2.589	9.1	867,893	12.8	268
12/6/2025	23:45:00	7.4	3.308	2.8	867,940	12.8	268
12/7/2025	0:00:00	7.3	2.581	10	867,968	12.9	268
12/7/2025	0:15:00	7.3	3.293	3.3	868,015	12.8	268



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/7/2025	0:30:00	7.3	2.551	9.1	868,039	12.9	268
12/7/2025	0:45:00	7.4	3.278	3.5	868,085	12.8	268
12/7/2025	2:00:00	7.5	2.733	23.2	868,228	12.6	265
12/7/2025	2:15:00	7.5	3.157	10.7	868,250	12.9	267
12/7/2025	2:30:00	7.4	2.517	8.7	868,293	12.6	264
12/7/2025	2:45:00	7.4	3.138	5.8	868,337	12.5	264
12/7/2025	3:00:00	7.4	2.426	11.2	868,380	12.5	264
12/7/2025	3:15:00	7.4	3.172	7.7	868,407	12.5	266
12/7/2025	3:30:00	7.4	2.422	9.4	868,449	12.5	264
12/7/2025	3:45:00	7.4	3.176	7.1	868,472	12.8	266
12/7/2025	4:00:00	7.4	3.142	7	868,516	12.6	262
12/7/2025	4:15:00	7.4	3.123	6.7	868,563	12.6	262
12/7/2025	4:30:00	7.4	3.153	7.6	868,590	12.6	262
12/7/2025	4:45:00	7.4	3.123	7.8	868,637	12.6	261
12/7/2025	5:00:00	7.4	3.138	8.5	868,660	13	262
12/7/2025	5:15:00	7.4	3.119	9	868,707	12.5	261
12/7/2025	5:30:00	7.4	3.134	9.5	868,725	13	261
12/7/2025	5:45:00	7.4	3.210	9.5	868,767	12.5	262
12/7/2025	6:00:00	7.5	3.221	2.2	868,790	12.9	262
12/7/2025	6:15:00	7.4	3.210	3.1	868,835	12.5	262
12/7/2025	6:45:00	7.4	3.210	2.5	868,906	12.4	263
12/7/2025	7:00:00	7.3	3.187	3.6	868,950	12.4	262
12/7/2025	7:30:00	7.3	3.210	2.3	869,022	12.4	262
12/7/2025	7:45:00	7.3	3.206	2.3	869,063	12.4	261
12/7/2025	8:00:00	7.3	3.176	3.8	869,108	12.4	261



# Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/7/2025	8:15:00	7.3	3.096	8.7	869,137	12.5	259
12/7/2025	8:30:00	7.4	3.478	4.1	869,180	12.4	259
12/7/2025	8:45:00	7.4	2.419	5.2	869,223	12.3	261
12/7/2025	9:00:00	7.4	3.452	6.6	869,261	12.2	259
12/7/2025	9:15:00	7.3	3.013	4.1	869,288	12.3	263
12/7/2025	9:30:00	7.3	3.308	5.2	869,330	12.2	265
12/7/2025	9:45:00	7.3	3.293	3.4	869,377	12.3	266
12/7/2025	10:00:00	7.3	3.278	4.6	869,422	12.6	264
12/7/2025	10:30:00	7.3	2.036	7.9	869,490	13	264
12/7/2025	10:45:00	7.4	3.316	6.9	869,519	13.1	266
12/7/2025	11:15:00	7.3	3.293	8	869,591	13.4	262
12/7/2025	11:30:00	7.3	3.331	8.6	869,609	14.4	264
12/7/2025	11:45:00	7.3	3.274	9.1	869,655	13.6	264
12/7/2025	12:00:00	7.3	3.301	8.4	869,683	13.7	262
12/7/2025	12:15:00	7.3	3.319	7.8	869,729	13.6	262
12/7/2025	12:30:00	7.3	2.082	16.2	869,771	13.5	266
12/7/2025	12:45:00	7.3	2.903	8.9	869,806	13.5	274
12/7/2025	13:00:00	7.3	3.274	9.3	869,851	13.3	271
12/7/2025	13:15:00	7.2	3.263	13.2	869,896	13.2	269
12/7/2025	13:30:00	7.3	0.484	20	869,932	13.2	267
12/7/2025	13:45:00	7.3	2.657	37	869,971	13.1	264
12/7/2025	14:00:00	7.3	3.138	0.3	870,015	13.2	267
12/7/2025	14:15:00	7.3	3.160	0.3	870,059	13.3	266
12/7/2025	14:30:00	7.3	3.176	1.1	870,088	13.3	266
12/7/2025	14:45:00	7.3	3.187	1.5	870,132	13.2	266



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/7/2025	15:00:00	7.3	3.164	1.7	870,176	13.3	266
12/7/2025	15:15:00	7.3	3.160	4.4	870,220	13.4	264
12/7/2025	15:30:00	7.3	3.138	3.1	870,264	13.4	262
12/7/2025	15:45:00	7.3	0.466	4.6	870,287	13.8	261
12/7/2025	16:00:00	7.3	3.168	6.2	870,326	13.3	262
12/7/2025	16:15:00	7.3	3.172	4.1	870,370	13.2	262
12/7/2025	16:30:00	7.3	0.503	9.5	870,410	13.2	266
12/7/2025	16:45:00	7.3	3.157	7.4	870,438	13.2	266
12/7/2025	17:15:00	7.2	3.195	1.5	870,507	13.2	269
12/7/2025	17:30:00	7.2	3.149	3.4	870,551	13.1	271
12/7/2025	17:45:00	7.2	3.142	5.2	870,594	13.1	272
12/7/2025	18:00:00	7.3	3.138	4.2	870,638	13	271
12/7/2025	18:15:00	7.3	3.153	3.1	870,680	12.9	267
12/7/2025	18:30:00	7.2	3.210	3.3	870,704	13	268
12/7/2025	18:45:00	7.2	3.183	4.2	870,748	12.8	268
12/7/2025	19:15:00	7.2	3.164	3.8	870,813	12.7	265
12/7/2025	19:30:00	7.3	3.157	4	870,857	12.6	265
12/7/2025	20:00:00	7.3	3.198	2.4	870,918	12.6	262
12/7/2025	20:15:00	7.3	3.153	3.4	870,962	12.5	262
12/7/2025	20:30:00	7.3	3.164	2.1	871,006	12.5	260
12/7/2025	20:45:00	7.3	3.145	2.7	871,050	12.6	261
12/7/2025	21:00:00	7.3	3.195	2.6	871,076	12.7	260
12/7/2025	21:15:00	7.3	3.179	2.1	871,120	12.6	261
12/7/2025	21:45:00	7.3	3.217	3.5	871,187	12.7	261
12/7/2025	22:00:00	7.3	3.210	3.7	871,232	12.7	261

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/7/2025	22:15:00	7.3	3.187	4.2	871,276	12.7	260
12/7/2025	22:30:00	7.3	3.172	5.6	871,320	12.7	259
12/7/2025	22:45:00	7.3	3.153	4.8	871,364	12.8	259
12/7/2025	23:00:00	7.3	3.202	4.7	871,387	12.9	259
12/7/2025	23:15:00	7.3	3.191	4.1	871,432	12.8	259
12/7/2025	23:30:00	7.3	3.179	4.2	871,476	12.8	263
12/7/2025	23:45:00	7.3	3.168	4.1	871,520	12.8	264

**Table 3. In-Situ Parameters**

Date	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
12/01/2025	12.0	10.52	172.9	0.08	7.48	270.5	1.56
12/02/2025	12.8	9.91	176.4	0.08	7.53	272.1	3.49
12/03/2025	11.4	10.66	181.3	0.09	7.43	286.1	4.15
12/04/2025	11.5	9.95	179.1	0.09	7.46	326.7	2.46
12/05/2025	12.1	10.00	172.7	0.08	7.37	280.4	3.12
12/06/2025	11.5	10.55	184.6	0.09	7.65	298.5	1.66
12/07/2025	11.8	10.43	185.7	0.09	7.33	291.3	2.79

**3. Calibration Log:**

**Table 4. Calibration Log**

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
12/02/2025	YSI	✓	✓	✓	✓
12/02/2025	WTP	✓	N/A	N/A	✓



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

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**APPENDIX A: WTP Log**



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/1/2025	0:00:00	7.5	3.017	10.7	847,263	Open	11.8	109
12/1/2025	0:15:00	7.3	3.005	5.7	847,308	Open	11.5	109
12/1/2025	0:30:00	7.3	3.043	14.3	847,330	Open	11.5	109
12/1/2025	0:45:00	7.2	3.123	5.8	847,376	Open	11.4	109
12/1/2025	1:00:00	7.2	3.039	5.2	847,417	Open	11.4	109
12/1/2025	1:15:00	7.2	3.017	14.6	847,462	Open	11.5	109
12/1/2025	1:30:00	7.2	3.100	4.5	847,503	Open	11.3	109
12/1/2025	1:45:00	7.2	3.013	8.4	847,546	Open	11.4	109
12/1/2025	2:00:00	7.2	3.085	13.3	847,587	Open	11.3	109
12/1/2025	2:15:00	7.2	3.092	9.9	847,629	Open	11.4	256
12/1/2025	2:30:00	7.2	3.009	8	847,672	Open	11.4	109
12/1/2025	2:45:00	7.1	3.002	8.7	847,713	Open	11.4	258
12/1/2025	3:00:00	7.1	3.013	10.1	847,755	Open	11.4	253
12/1/2025	3:15:00	7.3	0.000	6.6	847,787	Closed	11.4	109
12/1/2025	3:30:00	7.2	3.142	13.6	847,820	Open	11.3	108
12/1/2025	3:45:00	7.2	3.032	6	847,864	Open	11.4	109
12/1/2025	4:00:00	7.2	3.092	8.8	847,905	Open	11.3	109
12/1/2025	4:15:00	7.2	3.142	5.9	847,942	Open	11.3	109
12/1/2025	4:30:00	7.2	3.111	5.2	847,985	Open	11.5	110
12/1/2025	4:45:00	7.2	3.104	5.8	848,028	Open	11.6	109
12/1/2025	5:00:00	7.2	3.172	7.1	848,072	Open	11.5	109
12/1/2025	5:15:00	7.2	3.062	6.8	848,116	Open	11.4	109
12/1/2025	5:30:00	7.2	0.360	5.7	848,141	Open	11.5	109
12/1/2025	5:45:00	7.2	3.081	5.8	848,177	Open	11.5	109
12/1/2025	6:00:00	7.2	3.104	6.1	848,199	Open	11.6	109



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/1/2025	6:15:00	7.2	3.070	4.5	848,242	Open	11.4	109
12/1/2025	6:30:00	7.2	3.062	4.9	848,285	Open	11.4	109
12/1/2025	6:45:00	7.2	3.100	5.6	848,308	Open	11.4	109
12/1/2025	7:00:00	7.2	3.070	4.4	848,351	Open	11.4	109
12/1/2025	7:15:00	7.2	0.000	3.8	848,383	Closed	11.5	109
12/1/2025	7:30:00	7.2	3.066	3.3	848,416	Open	11.3	109
12/1/2025	7:45:00	7.2	3.054	3.7	848,458	Open	11.3	109
12/1/2025	8:00:00	7.2	3.085	5.4	848,482	Open	11.4	109
12/1/2025	8:15:00	7.2	3.066	7.5	848,525	Open	11.3	109
12/1/2025	8:30:00	7.2	0.984	8.4	848,567	Closed	11.4	109
12/1/2025	8:45:00	7.2	3.134	7.7	848,585	Open	11.5	109
12/1/2025	9:00:00	7.2	3.039	6.7	848,627	Open	11.5	109
12/1/2025	9:15:00	7.2	3.073	6.5	848,669	Open	11.6	110
12/1/2025	9:30:00	7.2	3.085	5.5	848,712	Open	11.8	110
12/1/2025	9:45:00	7.3	0.000	4.8	848,744	Open	11.9	110
12/1/2025	10:00:00	7.2	2.892	5.4	848,761	Open	12	110
12/1/2025	10:15:00	7.2	2.933	5.9	848,801	Open	12.1	112
12/1/2025	10:30:00	7.2	2.695	6.4	848,843	Open	12.1	112
12/1/2025	10:45:00	7.2	2.899	6.2	848,883	Open	12.3	112
12/1/2025	11:00:00	7.2	2.426	5.1	848,924	Open	12.3	250
12/1/2025	11:15:00	7.2	3.085	4.9	848,937	Open	13.2	249
12/1/2025	11:30:00	7.2	2.294	5	848,979	Open	12.5	112
12/1/2025	11:45:00	7.2	3.054	5.6	849,022	Open	12.4	247
12/1/2025	12:00:00	7.2	2.195	5.1	849,064	Open	12.4	251
12/1/2025	12:15:00	7.2	3.138	8.3	849,106	Open	12.2	253



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/1/2025	12:30:00	7.2	2.176	4.4	849,149	Open	12.2	250
12/1/2025	12:45:00	7.2	3.123	5.6	849,176	Open	12.4	252
12/1/2025	13:00:00	7.3	2.173	4.7	849,220	Open	12.4	254
12/1/2025	13:15:00	7.3	3.039	5.5	849,249	Open	12.7	115
12/1/2025	13:30:00	7.3	2.150	4.5	849,291	Open	12.8	251
12/1/2025	13:45:00	7.3	2.903	5.6	849,333	Open	12.9	249
12/1/2025	14:00:00	7.3	1.930	5.1	849,372	Open	13	251
12/1/2025	14:15:00	7.3	3.107	5.5	849,400	Open	12.9	252
12/1/2025	14:30:00	7.3	2.051	4.2	849,440	Open	12.9	252
12/1/2025	14:45:00	7.3	2.918	5.2	849,480	Open	13.1	252
12/1/2025	15:00:00	7.3	2.316	9.1	849,521	Open	13.1	252
12/1/2025	15:15:00	7.3	2.926	8.1	849,563	Open	13	252
12/1/2025	15:30:00	7.3	0.000	15.4	849,600	Closed	12.9	252
12/1/2025	15:45:00	7.4	2.933	28.3	849,601	Closed	12.7	251
12/1/2025	16:00:00	7.6	2.180	44.6	849,610	Closed	12.2	110
12/1/2025	16:15:00	7.4	3.195	15.2	849,632	Closed	12.2	110
12/1/2025	16:30:00	7.3	3.005	10.2	849,675	Open	11.9	110
12/1/2025	16:45:00	7.2	2.612	10.7	849,715	Open	12.2	110
12/1/2025	17:00:00	7.2	2.854	10.3	849,755	Open	11.9	251
12/1/2025	17:15:00	7.2	2.419	8.8	849,794	Open	12.4	112
12/1/2025	17:30:00	7.2	2.952	10	849,814	Open	12.3	112
12/1/2025	17:45:00	7.3	2.699	10.5	849,854	Open	12.5	112
12/1/2025	18:00:00	7.2	2.865	9.6	849,893	Open	12.3	249
12/1/2025	18:15:00	7.2	2.820	13.5	849,933	Open	12.5	112
12/1/2025	18:30:00	7.3	0.212	14.6	849,954	Closed	13	110

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b>	<b>SD</b>
		<b>Approved by:</b>	<b>BC2</b>
		<b>Date:</b>	<b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/1/2025	19:00:00	7.3	2.805	11.3	850,021	Open	12.1	110
12/1/2025	19:15:00	7.3	2.774	11.4	850,051	Open	12.7	112
12/1/2025	19:30:00	7.3	3.134	13.6	850,088	Open	12.2	112
12/1/2025	19:45:00	7.3	3.028	15.6	850,119	Open	12.3	110
12/1/2025	20:00:00	7.3	3.138	2.3	850,160	Open	12.1	110
12/1/2025	20:15:00	7.3	3.020	1.3	850,192	Open	12.3	112
12/1/2025	20:30:00	7.3	3.119	2.7	850,222	Open	12.5	112
12/1/2025	20:45:00	7.3	3.036	4.2	850,264	Open	12.6	112
12/1/2025	21:00:00	7.3	3.032	0.9	850,306	Open	12.5	114
12/1/2025	21:15:00	7.3	3.077	16.3	850,349	Open	12.7	112
12/1/2025	21:30:00	7.3	2.971	4.4	850,391	Open	12.5	114
12/1/2025	21:45:00	7.3	2.933	1.7	850,432	Open	12.7	114
12/1/2025	22:00:00	7.3	0.382	1.3	850,456	Open	13.2	114
12/1/2025	22:15:00	7.3	2.990	1.2	850,497	Open	12.8	112
12/1/2025	22:30:00	7.3	3.005	1.5	850,538	Open	12.6	112
12/1/2025	22:45:00	7.3	2.309	0.3	850,565	Open	13.1	114
12/1/2025	23:00:00	7.3	2.990	0.5	850,606	Open	12.7	114
12/1/2025	23:15:00	7.3	3.073	2	850,649	Open	12.9	114
12/1/2025	23:30:00	7.3	2.967	1.1	850,690	Open	12.7	112
12/1/2025	23:45:00	7.3	0.288	1.7	850,727	Closed	13	114
12/2/2025	0:00:00	7.3	2.983	1.4	850,753	Open	12.7	112
12/2/2025	0:15:00	7.3	0.117	2	850,788	Closed	13.1	114
12/2/2025	0:30:00	7.3	3.054	1.3	850,821	Open	12.8	114
12/2/2025	0:45:00	7.2	2.979	3	850,862	Open	12.9	112
12/2/2025	1:00:00	7.2	2.945	1	850,902	Open	12.7	112



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/2/2025	1:15:00	7.3	0.129	1.5	850,934	Closed	12.9	112
12/2/2025	1:30:00	7.2	2.990	1	850,967	Open	12.5	112
12/2/2025	1:45:00	7.3	3.104	1.6	851,009	Open	12.7	112
12/2/2025	2:00:00	7.3	2.967	1.7	851,051	Open	12.6	112
12/2/2025	2:15:00	7.3	0.413	0.8	851,076	Closed	13.1	114
12/2/2025	2:30:00	7.3	3.054	1.4	851,117	Open	12.7	112
12/2/2025	2:45:00	7.3	3.002	2.6	851,159	Open	13	114
12/2/2025	3:00:00	7.3	0.000	2.4	851,193	Closed	13	114
12/2/2025	3:15:00	7.3	3.024	4.5	851,218	Open	13.2	114
12/2/2025	3:30:00	7.3	3.024	5.7	851,260	Open	12.8	112
12/2/2025	3:45:00	7.3	3.130	7.1	851,303	Open	12.9	112
12/2/2025	4:00:00	7.3	3.357	6.5	851,342	Open	12.4	112
12/2/2025	4:15:00	7.3	3.107	7.1	851,385	Open	12.4	110
12/2/2025	4:30:00	7.3	3.244	9.6	851,409	Open	12.4	110
12/2/2025	4:45:00	7.3	3.153	7.9	851,453	Open	12.2	110
12/2/2025	5:00:00	7.3	3.232	7.7	851,497	Open	12.2	112
12/2/2025	5:15:00	7.3	1.030	7.2	851,514	Closed	12.7	112
12/2/2025	5:30:00	7.3	3.210	8.5	851,551	Open	12.8	114
12/2/2025	5:45:00	7.3	3.089	7.5	851,596	Open	12.7	112
12/2/2025	6:00:00	7.3	3.039	12.8	851,615	Open	13	247
12/2/2025	6:15:00	7.3	3.077	6.4	851,658	Open	12.3	110
12/2/2025	6:30:00	7.3	3.104	6.5	851,680	Open	12.3	109
12/2/2025	6:45:00	7.3	3.179	8.9	851,722	Open	12.2	109
12/2/2025	7:00:00	7.3	3.195	10.6	851,766	Open	12	109
12/2/2025	7:15:00	7.3	2.922	22.9	851,801	Closed	11.9	109



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/2/2025	7:30:00	7.3	3.066	7.3	851,821	Open	12	109
12/2/2025	7:45:00	7.3	3.853	25.4	851,862	Open	12.2	110
12/2/2025	8:00:00	7.3	0.000	3.1	851,874	Closed	12.1	110
12/2/2025	8:15:00	7.3	2.896	3.7	851,907	Open	12.2	110
12/2/2025	8:30:00	7.5	0.167	2.8	851,925	Closed	14	111
12/2/2025	8:45:00	7.3	2.729	1.8	851,959	Open	12.1	110
12/2/2025	9:00:00	7.3	0.174	1.3	851,979	Closed	12.5	110
12/2/2025	9:15:00	7.3	2.691	2	852,013	Open	12.2	110
12/2/2025	9:30:00	7.3	2.714	2.7	852,053	Open	12.3	112
12/2/2025	9:45:00	7.3	2.634	2.4	852,093	Open	12.4	112
12/2/2025	10:00:00	7.3	3.520	16.9	852,131	Open	12.5	112
12/2/2025	10:15:00	7.4	1.609	8.9	852,161	Open	12.5	110
12/2/2025	10:30:00	7.3	3.119	6.2	852,183	Open	12.4	110
12/2/2025	10:45:00	7.3	3.017	4	852,225	Open	12.6	249
12/2/2025	11:00:00	7.3	3.119	7.2	852,267	Open	12.7	251
12/2/2025	11:15:00	7.3	2.998	4.5	852,308	Open	12.7	250
12/2/2025	11:30:00	7.3	2.971	5.4	852,340	Open	12.2	255
12/2/2025	11:45:00	7.4	2.165	1.9	852,362	Open	12.3	110
12/2/2025	12:00:00	7.3	2.933	1.6	852,403	Open	12.4	252
12/2/2025	12:15:00	7.3	3.134	1.6	852,439	Open	12.5	110
12/2/2025	12:30:00	7.3	3.005	2.5	852,485	Open	12.3	110
12/2/2025	12:45:00	7.4	2.967	2.2	852,526	Open	12.3	109
12/2/2025	13:00:00	7.4	2.998	1.9	852,572	Open	12.2	109
12/2/2025	13:15:00	7.4	3.062	2.4	852,613	Open	12.2	109
12/2/2025	13:30:00	7.4	2.956	2.3	852,659	Open	12.2	109



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/2/2025	13:45:00	7.4	2.930	2.3	852,699	Open	12.2	109
12/2/2025	14:00:00	7.4	3.024	1.6	852,743	Open	12.2	109
12/2/2025	14:15:00	7.4	2.914	0.8	852,784	Open	12.1	109
12/2/2025	14:30:00	7.4	2.899	0.4	852,828	Open	12.1	109
12/2/2025	14:45:00	7.4	2.941	0.3	852,847	Open	12.1	109
12/2/2025	15:00:00	7.4	2.914	0.6	852,891	Open	12	109
12/2/2025	15:15:00	7.4	0.000	0.5	852,913	Closed	12.2	109
12/2/2025	15:30:00	7.5	2.858	1.5	852,950	Open	11.9	109
12/2/2025	15:45:00	7.4	3.115	0.9	852,989	Open	11.9	109
12/2/2025	16:00:00	7.4	2.979	0.6	853,035	Open	11.9	109
12/2/2025	16:15:00	7.4	2.884	1.2	853,055	Open	12	109
12/2/2025	16:30:00	7.4	0.000	1.3	853,080	Closed	11.9	109
12/2/2025	16:45:00	7.4	3.009	0.9	853,112	Open	11.7	109
12/2/2025	17:00:00	7.4	3.054	1.2	853,157	Open	11.6	107
12/2/2025	17:15:00	7.4	2.971	1.4	853,194	Open	11.6	107
12/2/2025	17:30:00	7.4	2.967	1.1	853,235	Closed	11.6	108
12/2/2025	18:00:00	7.4	0.000	1.1	853,295	Closed	11.7	110
12/2/2025	18:15:00	7.4	2.971	1.1	853,326	Open	11.8	110
12/2/2025	18:30:00	7.4	2.888	0.9	853,371	Open	11.8	110
12/2/2025	18:45:00	7.4	2.771	0.9	853,385	Closed	12	112
12/2/2025	19:00:00	7.4	2.918	0.5	853,385	Closed	12.3	112
12/2/2025	19:15:00	7.4	2.952	1.5	853,389	Open	12.8	114
12/2/2025	19:30:00	7.4	3.020	0	853,428	Open	12.7	114
12/2/2025	19:45:00	7.4	2.979	0	853,470	Open	12.9	115
12/2/2025	20:00:00	7.4	2.896	0	853,515	Open	12.7	114

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b>	<b>SD</b>
		<b>Approved by:</b>	<b>BC2</b>
		<b>Date:</b>	<b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/2/2025	20:15:00	7.4	0.310	0	853,547	Open	12.8	114
12/2/2025	20:30:00	7.5	3.024	0	853,572	Open	12.8	115
12/2/2025	20:45:00	7.5	3.043	0	853,614	Open	13	115
12/2/2025	21:00:00	7.5	2.926	0	853,640	Open	13.2	115
12/2/2025	21:15:00	7.5	3.058	0	853,682	Open	13.3	117
12/2/2025	21:30:00	7.5	2.650	0	853,705	Open	13.5	117
12/2/2025	21:45:00	7.5	0.401	0	853,738	Open	13.6	116
12/2/2025	22:00:00	7.5	2.449	0	853,769	Open	13.4	115
12/2/2025	22:15:00	7.5	3.164	0	853,811	Open	13.5	117
12/2/2025	22:30:00	7.5	2.256	0	853,852	Open	13.5	117
12/2/2025	22:45:00	7.5	3.073	0	853,877	Open	13.5	117
12/2/2025	23:00:00	7.5	2.245	0	853,923	Open	13.5	117
12/2/2025	23:15:00	7.4	3.066	0	853,945	Open	13.6	117
12/2/2025	23:30:00	7.5	2.188	0.3	853,991	Open	13.5	117
12/2/2025	23:45:00	7.5	0.386	0.4	854,029	Open	13.6	115
12/3/2025	0:00:00	7.4	2.237	0.1	854,056	Open	13.4	115
12/3/2025	0:15:00	7.4	3.024	0.6	854,098	Open	13.2	113
12/3/2025	0:30:00	7.4	2.252	0.2	854,124	Open	13.2	113
12/3/2025	0:45:00	7.5	0.326	0.3	854,152	Open	13.2	114
12/3/2025	1:00:00	7.5	2.207	0.4	854,187	Open	12.9	114
12/3/2025	1:15:00	7.5	3.070	0.4	854,230	Open	12.9	114
12/3/2025	1:30:00	7.4	2.150	0	854,270	Open	13	114
12/3/2025	1:45:00	7.5	3.028	0.2	854,313	Open	13	114
12/3/2025	2:00:00	7.4	2.142	0	854,358	Open	13.1	115
12/3/2025	2:15:00	7.5	0.382	0	854,379	Open	13.8	115

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b>	<b>SD</b>
		<b>Approved by:</b>	<b>BC2</b>
		<b>Date:</b>	<b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/3/2025	2:30:00	7.4	2.184	0	854,422	Open	13.2	115
12/3/2025	2:45:00	7.4	3.020	0.1	854,464	Open	13	114
12/3/2025	3:00:00	7.4	2.180	0	854,488	Open	13.2	114
12/3/2025	3:15:00	7.5	3.020	1	854,531	Open	13.1	114
12/3/2025	3:30:00	7.5	2.112	2.5	854,575	Open	13.2	114
12/3/2025	3:45:00	7.5	3.107	4.2	854,610	Open	13.1	114
12/3/2025	4:00:00	7.5	2.309	4.1	854,656	Open	13.1	116
12/3/2025	4:15:00	7.5	3.028	5.2	854,681	Open	13.1	113
12/3/2025	4:30:00	7.5	2.161	4.4	854,720	Open	12.8	112
12/3/2025	4:45:00	7.4	3.036	1.4	854,743	Open	13.4	112
12/3/2025	5:00:00	7.4	2.324	0.3	854,788	Open	12.8	114
12/3/2025	5:15:00	7.4	3.119	0.8	854,827	Open	12.9	114
12/3/2025	5:30:00	7.4	2.188	0	854,872	Open	13	114
12/3/2025	5:45:00	7.4	3.009	0	854,914	Open	13.1	115
12/3/2025	6:00:00	7.4	2.104	0.4	854,953	Open	13.1	114
12/3/2025	6:15:00	7.4	3.085	2.8	854,985	Open	13	112
12/3/2025	6:30:00	7.4	2.294	16.9	855,026	Open	12.8	112
12/3/2025	6:45:00	7.4	3.168	2.9	855,064	Open	12.4	110
12/3/2025	7:00:00	7.4	2.487	11.1	855,112	Open	12.2	110
12/3/2025	7:15:00	7.4	3.183	1.4	855,147	Open	12.1	110
12/3/2025	7:30:00	7.4	2.494	8.2	855,189	Open	12.1	110
12/3/2025	7:45:00	7.4	0.625	0.3	855,233	Open	12.2	112
12/3/2025	8:00:00	7.4	2.237	4.2	855,256	Open	12.4	112
12/3/2025	8:15:00	7.4	0.386	0.5	855,273	Open	13.2	112
12/3/2025	8:30:00	7.5	0.958	1.5	855,304	Open	12.4	112



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/3/2025	8:45:00	7.3	2.544	0.7	855,335	Open	12.4	112
12/3/2025	9:00:00	7.3	1.775	0.9	855,368	Open	12.2	110
12/3/2025	9:15:00	7.4	3.111	0.9	855,406	Open	12.1	110
12/3/2025	9:30:00	7.4	0.632	0	855,450	Open	12.1	112
12/3/2025	9:45:00	7.4	3.020	0	855,489	Open	12.3	112
12/3/2025	10:00:00	7.4	0.360	0	855,522	Open	12.7	112
12/3/2025	10:15:00	7.4	3.130	0	855,561	Open	12.6	114
12/3/2025	10:30:00	7.4	2.188	0	855,600	Open	12.8	114
12/3/2025	10:45:00	7.4	3.036	0.6	855,617	Open	13	114
12/3/2025	11:00:00	7.4	2.347	1.7	855,663	Open	12.7	112
12/3/2025	11:15:00	7.4	3.051	2.6	855,701	Open	12.5	112
12/3/2025	11:30:00	7.4	2.207	6.3	855,746	Open	12.6	112
12/3/2025	11:45:00	7.4	3.043	3.4	855,770	Open	12.7	112
12/3/2025	12:00:00	7.4	2.475	15.3	855,810	Open	12.5	112
12/3/2025	12:30:00	7.3	2.214	7.3	855,870	Open	12.5	110
12/3/2025	12:45:00	7.3	2.922	1.8	855,905	Open	12.5	113
12/3/2025	13:00:00	7.2	2.214	10.8	855,946	Open	12.7	249
12/3/2025	13:15:00	7.2	0.276	1.6	855,982	Closed	12.9	250
12/3/2025	13:30:00	7.3	2.328	3.8	856,006	Open	13	249
12/3/2025	13:45:00	7.2	3.009	1.2	856,041	Open	13	249
12/3/2025	14:00:00	7.2	2.275	7.3	856,085	Open	13.1	251
12/3/2025	14:15:00	7.3	0.242	3.4	856,098	Closed	13.5	251
12/3/2025	14:30:00	7.3	2.282	3	856,106	Open	12.9	251
12/3/2025	14:45:00	7.2	2.998	0.9	856,150	Open	12.9	253
12/3/2025	15:00:00	7.2	2.210	3	856,188	Open	13.2	252



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/3/2025	15:15:00	7.2	3.100	0.5	856,222	Open	13.1	253
12/3/2025	15:30:00	7.2	0.000	0.8	856,255	Closed	13.3	251
12/3/2025	15:45:00	7.2	3.009	0.8	856,287	Open	13	251
12/3/2025	16:00:00	7.2	2.301	2.7	856,332	Open	12.9	251
12/3/2025	16:15:00	7.2	3.073	2.7	856,375	Open	12.9	251
12/3/2025	16:30:00	7.3	2.176	1.8	856,414	Open	12.9	251
12/3/2025	16:45:00	7.3	3.073	0.9	856,458	Open	12.8	251
12/3/2025	17:00:00	7.3	2.241	1.2	856,478	Open	13.7	257
12/3/2025	17:15:00	7.3	2.971	1.4	856,516	Open	13	255
12/3/2025	17:30:00	7.3	2.309	3	856,551	Open	13	253
12/3/2025	17:45:00	7.2	3.092	0.3	856,595	Open	12.9	251
12/3/2025	18:00:00	7.2	2.192	2.6	856,634	Open	12.9	252
12/3/2025	18:15:00	7.2	3.073	2.3	856,678	Open	12.8	253
12/3/2025	18:30:00	7.2	1.938	1.3	856,712	Open	12.8	252
12/3/2025	18:45:00	7.2	3.213	1.4	856,746	Open	12.7	250
12/3/2025	19:00:00	7.3	2.358	3	856,793	Open	12.7	251
12/3/2025	19:15:00	7.3	3.130	2.1	856,838	Open	12.7	112
12/3/2025	19:30:00	7.3	2.271	2.1	856,874	Open	12.7	112
12/3/2025	19:45:00	7.3	3.115	10.5	856,908	Open	12.7	112
12/3/2025	20:00:00	7.3	2.082	0.9	856,931	Closed	13.3	112
12/3/2025	20:15:00	7.3	3.142	1.7	856,972	Open	12.6	112
12/3/2025	20:30:00	7.3	2.233	1.1	857,017	Open	12.6	113
12/3/2025	20:45:00	7.3	0.000	0	857,047	Closed	12.9	112
12/3/2025	21:00:00	7.3	2.248	1.5	857,077	Open	12.9	114
12/3/2025	21:15:00	7.3	3.062	0	857,099	Open	13	114

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/3/2025	21:30:00	7.3	2.362	0.5	857,144	Open	13	114
12/3/2025	21:45:00	7.3	3.005	0.4	857,183	Open	12.9	114
12/3/2025	22:00:00	7.4	0.000	0	857,209	Closed	13.4	114
12/3/2025	22:15:00	7.3	3.002	0.6	857,248	Open	13.1	114
12/3/2025	22:30:00	7.3	2.313	1.5	857,274	Open	13.3	114
12/3/2025	22:45:00	7.3	3.043	1	857,318	Open	13.1	114
12/3/2025	23:00:00	7.4	2.347	4.9	857,361	Open	13.3	115
12/3/2025	23:15:00	7.4	3.002	0.9	857,401	Open	13.3	114
12/3/2025	23:30:00	7.4	0.000	0	857,441	Closed	13.5	115
12/3/2025	23:45:00	7.3	3.005	0.4	857,468	Open	13.4	115
12/4/2025	0:00:00	7.3	1.964	0.9	857,495	Closed	13.6	115
12/4/2025	0:15:00	7.3	2.990	1.3	857,506	Open	13.5	114
12/4/2025	0:30:00	7.3	2.104	2.9	857,549	Open	13.6	115
12/4/2025	0:45:00	7.3	2.990	3.1	857,569	Open	13.4	114
12/4/2025	1:00:00	7.3	2.173	6.5	857,612	Open	13.3	114
12/4/2025	1:15:00	7.3	3.047	4.3	857,652	Open	13.2	112
12/4/2025	1:30:00	7.4	2.252	6.2	857,691	Open	13.1	112
12/4/2025	1:45:00	7.3	2.994	5.3	857,712	Open	13.3	112
12/4/2025	2:00:00	7.3	2.233	3.9	857,756	Open	13.1	112
12/4/2025	2:15:00	7.3	0.000	2.1	857,773	Closed	13.6	112
12/4/2025	2:30:00	7.3	2.263	3	857,809	Open	13.1	112
12/4/2025	2:45:00	7.3	2.979	3.9	857,851	Open	12.9	112
12/4/2025	3:00:00	7.3	2.297	3.3	857,890	Open	12.9	112
12/4/2025	3:15:00	7.3	1.540	8.8	857,919	Closed	12.8	112
12/4/2025	3:30:00	7.3	2.271	3.4	857,960	Open	12.8	112

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/4/2025	3:45:00	7.3	3.085	3.9	857,964	Open	13.7	247
12/4/2025	4:00:00	7.3	2.237	3.8	858,008	Open	12.9	112
12/4/2025	4:15:00	7.3	3.149	4.2	858,053	Open	12.7	112
12/4/2025	4:30:00	7.3	2.002	3.1	858,083	Closed	12.8	248
12/4/2025	4:45:00	7.3	2.911	3.7	858,117	Open	12.7	112
12/4/2025	5:00:00	7.3	2.093	5	858,159	Open	12.9	248
12/4/2025	5:15:00	7.3	3.138	4.3	858,199	Open	13	248
12/4/2025	5:30:00	7.3	2.237	6.3	858,240	Open	13.2	248
12/4/2025	5:45:00	7.3	3.028	4.1	858,284	Open	13.2	250
12/4/2025	6:00:00	7.3	2.245	2.8	858,298	Open	13.6	250
12/4/2025	6:15:00	7.3	3.168	4.9	858,343	Open	13.1	250
12/4/2025	6:30:00	7.3	2.241	5.5	858,387	Open	12.9	247
12/4/2025	6:45:00	7.3	3.149	5.3	858,427	Open	12.7	250
12/4/2025	7:00:00	7.3	2.347	7.6	858,471	Open	12.6	248
12/4/2025	7:15:00	7.3	3.062	3.6	858,516	Open	12.8	249
12/4/2025	7:30:00	7.3	2.195	3.7	858,553	Open	13	250
12/4/2025	7:45:00	7.3	0.000	1.6	858,594	Closed	13	248
12/4/2025	8:00:00	7.3	2.316	3	858,630	Open	12.9	250
12/4/2025	8:15:00	7.3	3.017	3.7	858,670	Open	12.8	250
12/4/2025	8:30:00	7.3	2.199	8.3	858,705	Open	12.6	108
12/4/2025	8:45:00	7.3	1.416	32.6	858,738	Closed	12.4	108
12/4/2025	9:00:00	7.3	2.967	3.4	858,761	Open	12.1	248
12/4/2025	9:15:00	7.2	2.926	3.4	858,804	Open	12	109
12/4/2025	9:30:00	7.2	2.888	2.8	858,844	Open	11.9	252
12/4/2025	9:45:00	7.2	2.873	2.6	858,887	Open	11.9	252

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/4/2025	10:00:00	7.2	2.021	2.4	858,921	Open	12.1	253
12/4/2025	10:15:00	7.2	2.699	2.5	858,960	Open	12	252
12/4/2025	10:30:00	7.3	0.238	1.6	858,973	Closed	12.1	253
12/4/2025	10:45:00	7.2	2.468	4.9	859,006	Open	11.9	251
12/4/2025	11:00:00	7.3	3.232	2.8	859,050	Open	11.7	251
12/4/2025	11:15:00	7.2	3.297	2.6	859,099	Open	11.7	107
12/4/2025	11:30:00	7.2	2.612	4.5	859,140	Open	11.8	107
12/4/2025	11:45:00	7.2	3.391	2.8	859,148	Closed	12.1	251
12/4/2025	12:00:00	7.3	2.661	1.2	859,177	Closed	11.9	249
12/4/2025	12:15:00	7.2	2.623	1.6	859,217	Open	12.2	253
12/4/2025	12:30:00	7.2	0.000	1.9	859,257	Closed	12.3	251
12/4/2025	12:45:00	7.3	3.304	1.6	859,286	Open	12.4	252
12/4/2025	13:00:00	7.3	0.344	2.8	859,326	Closed	12.6	253
12/4/2025	13:15:00	7.3	3.217	1.5	859,371	Open	12.6	254
12/4/2025	13:30:00	7.3	3.028	6.3	859,411	Closed	12.8	252
12/4/2025	13:45:00	7.3	2.574	1.3	859,428	Open	12.9	253
12/4/2025	14:00:00	7.3	3.149	0.9	859,471	Open	12.8	254
12/4/2025	14:15:00	7.3	3.198	1.5	859,489	Open	13.1	254
12/4/2025	14:30:00	7.3	0.125	2.6	859,522	Closed	13.3	255
12/4/2025	14:45:00	7.3	3.191	1.3	859,544	Open	12.9	255
12/4/2025	15:00:00	7.2	3.138	0.9	859,589	Open	12.9	256
12/4/2025	15:15:00	7.2	2.392	3	859,626	Open	13.1	252
12/4/2025	15:30:00	7.3	3.407	3.3	859,659	Open	12.5	253
12/4/2025	15:45:00	7.2	3.221	1.8	859,705	Open	12.5	258
12/4/2025	16:00:00	7.2	2.400	1.4	859,751	Open	12.4	259

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/4/2025	16:15:00	7.2	0.136	6.8	859,789	Closed	12.6	259
12/4/2025	16:30:00	7.2	2.029	12.7	859,812	Closed	12.6	259
12/4/2025	16:45:00	7.2	3.410	2.3	859,850	Open	12.5	258
12/4/2025	17:00:00	7.2	2.597	1.7	859,899	Open	12.5	258
12/4/2025	17:15:00	7.2	3.369	4.2	859,948	Open	12.4	259
12/4/2025	17:30:00	7.2	0.265	2.5	859,982	Closed	12.6	263
12/4/2025	17:45:00	7.2	2.320	8.4	860,026	Open	12.5	261
12/4/2025	18:00:00	7.2	3.410	3.1	860,071	Open	12.5	261
12/4/2025	18:15:00	7.3	2.672	5.2	860,120	Open	12.6	263
12/4/2025	18:30:00	7.3	3.391	3	860,166	Open	12.7	263
12/4/2025	18:45:00	7.2	2.631	12.4	860,188	Open	13	262
12/4/2025	19:00:00	7.2	2.680	5	860,218	Open	12.7	259
12/4/2025	19:15:00	7.2	3.414	3.4	860,269	Open	12.1	257
12/4/2025	19:30:00	7.2	0.000	4	860,313	Closed	12	255
12/4/2025	19:45:00	7.2	3.418	3.1	860,339	Open	11.8	253
12/4/2025	20:00:00	7.2	3.304	12.7	860,386	Open	11.8	255
12/4/2025	20:15:00	7.3	0.174	1.4	860,413	Closed	12.1	107
12/4/2025	20:30:00	7.2	3.346	5.5	860,443	Open	11.6	107
12/4/2025	20:45:00	7.2	3.338	5.8	860,469	Open	11.6	107
12/4/2025	21:00:00	7.2	2.559	7.7	860,513	Open	11.5	107
12/4/2025	21:15:00	7.2	3.323	11.7	860,560	Open	11.4	108
12/4/2025	21:30:00	7.2	3.149	5.4	860,584	Open	11.3	105
12/4/2025	21:45:00	7.1	3.312	9.9	860,629	Open	11.3	107
12/4/2025	22:00:00	7.1	3.656	24.1	860,653	Closed	11.4	107
12/4/2025	22:15:00	7.2	3.187	11.1	860,695	Open	11.2	105

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b>	<b>SD</b>
		<b>Approved by:</b>	<b>BC2</b>
		<b>Date:</b>	<b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/4/2025	22:30:00	7.2	3.183	13.6	860,740	Open	11.2	107
12/4/2025	22:45:00	7.3	3.251	1.2	860,784	Open	11.2	105
12/4/2025	23:00:00	7.2	3.229	66.5	860,828	Open	11.2	107
12/4/2025	23:15:00	7.4	2.820	145.3	860,836	Closed	11.4	107
12/4/2025	23:30:00	7.3	3.327	1.1	860,862	Open	11.2	105
12/4/2025	23:45:00	7.2	0.617	44.4	860,905	Closed	11.1	105
12/5/2025	0:00:00	7.3	3.221	55.7	860,905	Closed	11.1	105
12/5/2025	0:15:00	7.2	1.018	44.6	860,921	Closed	11.1	105
12/5/2025	0:30:00	7.2	3.126	24	860,954	Closed	11	105
12/5/2025	0:45:00	7.2	2.937	5	860,992	Open	11.2	108
12/5/2025	1:00:00	7.2	3.043	3.2	861,012	Open	11.5	108
12/5/2025	1:15:00	7.3	3.032	5.8	861,065	Open	11.7	254
12/5/2025	1:30:00	8.1	3.024	13.6	861,107	Open	11.9	252
12/5/2025	1:45:00	8.8	3.047	16.7	861,131	Open	12.3	252
12/5/2025	2:00:00	9	3.338	4.3	861,159	Open	12.1	251
12/5/2025	2:15:00	7.5	3.138	1.8	861,191	Open	12	256
12/5/2025	2:30:00	7.4	3.115	3.7	861,234	Open	11.9	261
12/5/2025	2:45:00	7.4	3.123	6.5	861,260	Open	11.9	261
12/5/2025	3:00:00	7.3	3.115	4.5	861,303	Open	11.6	261
12/5/2025	3:15:00	7.3	0.466	3.4	861,333	Open	12	261
12/5/2025	3:30:00	7.3	0.696	2	861,373	Open	12	259
12/5/2025	3:45:00	7.4	3.145	3.5	861,403	Open	12.1	259
12/5/2025	4:00:00	7.4	3.123	3.1	861,446	Open	12.2	259
12/5/2025	4:15:00	7.5	0.394	3.1	861,483	Open	12.4	261
12/5/2025	4:30:00	7.5	3.138	4.5	861,520	Open	12.3	256

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/5/2025	4:45:00	7.2	0.450	3.1	861,546	Open	12.6	261
12/5/2025	5:00:00	7.3	3.149	7.5	861,587	Open	12.3	259
12/5/2025	5:15:00	7.3	3.134	7.2	861,630	Open	12.4	259
12/5/2025	5:30:00	7.5	3.142	6.4	861,674	Open	12.4	257
12/5/2025	5:45:00	7.5	3.138	2.4	861,718	Open	12.5	257
12/5/2025	6:00:00	7.5	3.145	1.4	861,761	Open	12.5	257
12/5/2025	6:15:00	7.4	3.145	1.5	861,805	Open	12.3	259
12/5/2025	6:30:00	7.4	3.369	3.1	861,852	Open	12.3	259
12/5/2025	6:45:00	7.4	3.369	3	861,899	Open	12.3	259
12/5/2025	7:00:00	7.4	3.357	1.3	861,946	Open	12.3	266
12/5/2025	7:15:00	7.4	3.338	1.3	861,993	Open	12.3	262
12/5/2025	7:30:00	7.4	3.346	3.1	862,021	Open	12.3	256
12/5/2025	7:45:00	7.4	3.346	3.9	862,047	Open	12.4	259
12/5/2025	8:00:00	7.4	3.319	2.4	862,093	Open	12.1	256
12/5/2025	8:15:00	7.3	3.380	3.6	862,129	Open	12	258
12/5/2025	8:30:00	7.3	3.354	5.2	862,176	Open	11.9	258
12/5/2025	8:45:00	7.4	3.376	3.6	862,201	Open	12	262
12/5/2025	9:00:00	7.4	3.354	2.9	862,231	Open	11.9	259
12/5/2025	9:15:00	7.5	3.278	3.5	862,269	Open	11.9	259
12/5/2025	9:30:00	7.5	3.331	2.9	862,316	Open	12.2	266
12/5/2025	9:45:00	7.5	2.956	2.1	862,348	Open	12.4	266
12/5/2025	10:00:00	7.4	3.354	2.1	862,395	Open	12.6	264
12/5/2025	10:15:00	7.4	2.623	1.7	862,442	Open	12.6	267
12/5/2025	10:30:00	7.4	3.357	2.1	862,466	Open	12.9	264
12/5/2025	10:45:00	7.4	2.521	2.7	862,502	Open	12.9	267



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/5/2025	11:00:00	7.4	3.365	2.1	862,530	Open	12.7	261
12/5/2025	11:15:00	7.4	0.833	3.2	862,556	Closed	12.5	267
12/5/2025	11:30:00	7.3	2.861	3.2	862,584	Open	12.2	267
12/5/2025	11:45:00	7.3	2.528	3	862,630	Open	12.1	266
12/5/2025	12:00:00	7.4	3.304	3.3	862,676	Open	12.1	272
12/5/2025	12:15:00	7.4	2.494	2.7	862,703	Open	12	265
12/5/2025	12:30:00	7.4	3.342	4	862,732	Open	12.2	272
12/5/2025	12:45:00	7.4	2.926	3.4	862,769	Open	12.1	264
12/5/2025	13:00:00	7.4	3.350	4.4	862,816	Open	12.2	271
12/5/2025	13:15:00	7.4	0.000	4	862,858	Closed	12.5	266
12/5/2025	13:30:00	7.4	3.350	3.5	862,891	Open	12.8	267
12/5/2025	13:45:00	7.4	2.460	5.7	862,937	Open	13.2	271
12/5/2025	14:00:00	7.4	3.361	5.4	862,964	Open	13.5	266
12/5/2025	14:15:00	7.4	2.528	6	862,987	Open	13.6	266
12/5/2025	14:30:00	7.4	3.361	10.7	863,034	Open	13.1	272
12/5/2025	14:45:00	7.4	2.559	7.3	863,080	Open	13	277
12/5/2025	15:00:00	7.4	3.301	5.2	863,127	Open	12.8	284
12/5/2025	15:15:00	7.4	2.483	4	863,173	Open	12.8	284
12/5/2025	15:30:00	7.4	0.000	4.6	863,206	Closed	12.9	284
12/5/2025	15:45:00	7.4	2.381	5.4	863,242	Open	12.8	278
12/5/2025	16:00:00	7.4	3.289	8.5	863,275	Open	12.8	279
12/5/2025	16:15:00	7.4	2.441	3.9	863,320	Open	12.9	277
12/5/2025	16:30:00	7.4	3.312	5.9	863,367	Open	13	282
12/5/2025	16:45:00	7.4	2.483	7.3	863,412	Open	12.9	284
12/5/2025	17:00:00	7.4	3.236	14.5	863,452	Closed	12.9	286



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/5/2025	17:15:00	7.5	2.400	14.4	863,463	Closed	12.9	282
12/5/2025	17:30:00	7.4	2.744	10.3	863,498	Open	12.6	284
12/5/2025	17:45:00	7.3	2.385	7	863,536	Open	12.5	283
12/5/2025	18:00:00	7.3	3.149	7.9	863,581	Open	12.5	278
12/5/2025	18:15:00	7.3	2.343	9.5	863,624	Open	12.5	278
12/5/2025	18:30:00	7.3	3.138	6.6	863,668	Open	12.5	268
12/5/2025	18:45:00	7.3	0.000	6.1	863,708	Closed	12.6	274
12/5/2025	19:00:00	7.3	2.290	9.7	863,742	Open	12.4	271
12/5/2025	19:15:00	7.3	2.229	5.6	863,784	Open	12.6	262
12/5/2025	19:30:00	7.3	2.256	6.6	863,825	Open	12.7	266
12/5/2025	19:45:00	7.3	2.226	5.8	863,842	Open	12.8	264
12/5/2025	20:00:00	7.3	2.377	6.1	863,885	Open	12.9	261
12/5/2025	20:15:00	7.3	2.347	6.2	863,928	Open	12.7	264
12/5/2025	20:30:00	7.3	2.388	10.5	863,972	Open	12.5	266
12/5/2025	20:45:00	7.3	2.373	6.2	864,016	Open	12.7	262
12/5/2025	21:00:00	7.3	2.381	9.4	864,059	Open	12.8	262
12/5/2025	21:15:00	7.3	2.320	2.3	864,103	Open	12.3	254
12/5/2025	21:30:00	7.3	3.081	1.6	864,147	Open	12.4	252
12/5/2025	21:45:00	7.3	2.271	2.5	864,192	Open	12.4	261
12/5/2025	22:00:00	7.3	3.089	3.3	864,213	Open	12.9	264
12/5/2025	22:15:00	7.3	2.275	2.7	864,259	Open	12.5	264
12/5/2025	22:30:00	7.3	3.073	2.6	864,282	Open	12.4	266
12/5/2025	22:45:00	7.3	0.000	1.5	864,325	Closed	12.3	264
12/5/2025	23:00:00	7.3	3.070	3.1	864,346	Open	12.3	261
12/5/2025	23:15:00	7.4	2.419	14.1	864,390	Open	12.2	263



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/5/2025	23:30:00	7.4	0.318	3.2	864,415	Closed	12.4	263
12/5/2025	23:45:00	7.4	2.438	4.3	864,455	Open	12.1	263
12/6/2025	0:00:00	7.4	3.123	2.9	864,481	Open	12.2	263
12/6/2025	0:15:00	7.4	2.441	5.7	864,525	Open	12.1	262
12/6/2025	0:30:00	7.3	3.123	2.5	864,550	Open	12.1	262
12/6/2025	0:45:00	7.3	2.350	3.4	864,593	Open	12	262
12/6/2025	1:00:00	7.2	3.100	3.5	864,619	Open	12	263
12/6/2025	1:15:00	7.2	0.276	4	864,647	Closed	12.2	263
12/6/2025	1:30:00	7.3	3.104	5.1	864,687	Open	12	263
12/6/2025	1:45:00	7.3	2.411	6.4	864,709	Open	12	267
12/6/2025	2:00:00	7.3	3.092	5.3	864,752	Open	11.9	266
12/6/2025	2:15:00	7.3	2.377	9	864,780	Open	11.9	270
12/6/2025	2:30:00	7.3	3.115	4.9	864,804	Open	11.9	271
12/6/2025	2:45:00	7.1	0.227	6.4	864,832	Closed	12.1	274
12/6/2025	3:00:00	7.2	3.077	5.8	864,873	Open	12.1	274
12/6/2025	3:15:00	7.3	2.388	9.5	864,893	Open	12.1	273
12/6/2025	3:30:00	7.3	3.111	5.3	864,918	Open	12.3	273
12/6/2025	3:45:00	7	2.388	7	864,961	Open	12.1	275
12/6/2025	4:00:00	7	3.081	6.1	865,006	Open	12.1	274
12/6/2025	4:15:00	7	2.415	12.7	865,032	Open	12.2	275
12/6/2025	4:30:00	7.1	3.081	6.8	865,076	Open	12.1	275
12/6/2025	4:45:00	7.2	2.396	14	865,103	Open	12.3	277
12/6/2025	5:00:00	7.3	3.089	7.6	865,148	Open	12.1	273
12/6/2025	5:15:00	7.2	2.203	15.9	865,176	Open	12.2	273
12/6/2025	5:30:00	7.1	3.036	7.5	865,218	Open	12.2	273



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/6/2025	5:45:00	7.2	2.460	12.7	865,258	Open	12.3	273
12/6/2025	6:00:00	7.3	3.145	13.1	865,304	Open	12.2	268
12/6/2025	6:15:00	7.3	2.074	24.2	865,329	Closed	12.2	267
12/6/2025	6:30:00	7.2	2.998	8.7	865,371	Open	12.1	265
12/6/2025	6:45:00	7.3	2.104	0.1	865,397	Closed	12.2	267
12/6/2025	7:00:00	7.3	3.089	8.1	865,441	Open	12.1	267
12/6/2025	7:15:00	7.4	2.290	10	865,468	Open	12	266
12/6/2025	7:30:00	7.4	3.085	7.6	865,513	Open	11.8	265
12/6/2025	7:45:00	7.4	2.324	7.2	865,539	Open	11.8	265
12/6/2025	8:00:00	7.4	0.000	10.7	865,581	Closed	11.7	267
12/6/2025	8:15:00	7.4	0.000	8.5	865,600	Closed	11.8	268
12/6/2025	8:30:00	7.4	3.111	13.9	865,635	Open	11.8	267
12/6/2025	8:45:00	7.4	2.332	11.7	865,672	Open	11.7	267
12/6/2025	9:00:00	7.4	3.073	11.6	865,706	Open	11.7	267
12/6/2025	9:15:00	7.3	2.210	8.4	865,739	Open	11.7	270
12/6/2025	9:30:00	7.2	3.073	7.6	865,770	Open	11.7	272
12/6/2025	9:45:00	7.1	2.990	5.1	865,813	Open	11.8	271
12/6/2025	10:00:00	7.1	3.054	4.7	865,853	Open	12	272
12/6/2025	10:15:00	7.1	3.054	6.6	865,896	Open	12.3	274
12/6/2025	10:30:00	7.2	3.054	10.3	865,937	Open	12.3	274
12/6/2025	10:45:00	7.2	3.092	11.4	865,979	Open	12.5	274
12/6/2025	11:00:00	7.3	3.376	17.1	866,015	Closed	12.5	274
12/6/2025	11:15:00	7.3	3.278	13.1	866,044	Open	12.5	275
12/6/2025	11:30:00	7.4	3.259	13.2	866,087	Open	12.6	270
12/6/2025	11:45:00	7.3	0.000	18.6	866,119	Closed	13	271



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/6/2025	12:00:00	7.3	3.248	11.9	866,155	Open	12.8	269
12/6/2025	12:15:00	7.3	1.279	12	866,181	Closed	12.5	266
12/6/2025	12:30:00	7.2	2.782	12.3	866,222	Open	12.6	271
12/6/2025	12:45:00	7.3	2.699	9.9	866,256	Open	12.6	271
12/6/2025	13:00:00	7.3	1.930	14.6	866,293	Open	12.7	271
12/6/2025	13:15:00	7.3	3.142	2.1	866,328	Open	12.8	268
12/6/2025	13:30:00	7.2	2.366	1.2	866,372	Open	12.8	269
12/6/2025	13:45:00	7.3	3.119	2.5	866,415	Open	12.9	269
12/6/2025	14:00:00	7.3	2.036	4.6	866,452	Closed	13.1	271
12/6/2025	14:15:00	7.3	3.062	4.5	866,494	Open	13.1	271
12/6/2025	14:30:00	7.3	2.324	4.3	866,524	Open	13.1	271
12/6/2025	14:45:00	7.3	3.036	2.3	866,566	Open	12.9	269
12/6/2025	15:00:00	7.3	0.000	1.9	866,595	Closed	13	269
12/6/2025	15:15:00	7.4	3.054	6.1	866,634	Open	12.9	267
12/6/2025	15:30:00	7.4	2.305	6.1	866,676	Open	13	267
12/6/2025	15:45:00	7.4	3.058	3.6	866,718	Open	12.9	269
12/6/2025	16:00:00	7.4	2.305	2.7	866,760	Open	12.9	276
12/6/2025	16:15:00	7.4	0.000	1.2	866,795	Closed	13	277
12/6/2025	16:30:00	7.3	2.260	2	866,832	Open	12.8	282
12/6/2025	16:45:00	7.3	3.047	3.3	866,859	Open	12.6	283
12/6/2025	17:00:00	7.3	2.263	3.8	866,901	Open	12.6	281
12/6/2025	17:15:00	7.3	3.058	5.9	866,943	Open	12.6	279
12/6/2025	17:30:00	7.3	2.271	7.9	866,985	Open	12.7	278
12/6/2025	17:45:00	7.4	3.032	6.6	867,028	Open	12.6	279
12/6/2025	18:00:00	7.3	2.279	9.5	867,069	Open	12.6	283



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/6/2025	18:15:00	7.3	3.017	5.1	867,111	Open	12.7	283
12/6/2025	18:30:00	7.3	2.949	33.3	867,158	Open	12.8	279
12/6/2025	18:45:00	7.3	3.520	8.1	867,206	Open	12.8	277
12/6/2025	19:00:00	7.3	1.601	2.9	867,241	Open	13.1	279
12/6/2025	19:15:00	7.3	3.418	6.4	867,282	Open	12.9	276
12/6/2025	19:30:00	7.3	2.650	19.1	867,329	Open	12.8	274
12/6/2025	19:45:00	7.3	3.384	16.2	867,377	Open	12.7	273
12/6/2025	20:00:00	7.4	0.439	0.3	867,403	Closed	12.7	271
12/6/2025	20:15:00	7.3	3.225	4	867,432	Open	12.5	269
12/6/2025	20:30:00	7.3	0.401	5	867,468	Closed	12.4	268
12/6/2025	20:45:00	7.3	3.319	2.7	867,504	Open	12.2	267
12/6/2025	21:00:00	7.3	2.858	44	867,549	Closed	12.2	272
12/6/2025	21:15:00	7.3	3.319	2.2	867,575	Open	12.2	272
12/6/2025	21:30:00	7.3	2.513	5.7	867,619	Open	12.2	270
12/6/2025	21:45:00	7.3	3.323	1.7	867,647	Open	12.2	270
12/6/2025	22:00:00	7.3	2.843	15.8	867,692	Open	12.2	270
12/6/2025	22:15:00	7.3	3.308	2.1	867,722	Open	12.3	271
12/6/2025	22:30:00	7.4	0.409	5.1	867,765	Closed	12.4	268
12/6/2025	22:45:00	7.4	3.327	2.4	867,797	Open	12.5	266
12/6/2025	23:00:00	7.4	2.695	25.9	867,819	Open	13	268
12/6/2025	23:15:00	7.4	3.312	3.8	867,866	Open	12.7	268
12/6/2025	23:30:00	7.4	2.589	9.1	867,893	Open	12.8	268
12/6/2025	23:45:00	7.4	3.308	2.8	867,940	Open	12.8	268
12/7/2025	0:00:00	7.3	2.581	10	867,968	Open	12.9	268
12/7/2025	0:15:00	7.3	3.293	3.3	868,015	Open	12.8	268



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/7/2025	0:30:00	7.3	2.551	9.1	868,039	Open	12.9	268
12/7/2025	0:45:00	7.4	3.278	3.5	868,085	Open	12.8	268
12/7/2025	1:00:00	7.4	2.415	25.5	868,123	Closed	12.8	266
12/7/2025	1:15:00	7.5	0.000	22	868,162	Closed	12.8	266
12/7/2025	1:30:00	7.5	2.301	28.2	868,164	Closed	13	267
12/7/2025	1:45:00	7.5	0.261	10.4	868,186	Closed	13	265
12/7/2025	2:00:00	7.5	2.733	23.2	868,228	Open	12.6	265
12/7/2025	2:15:00	7.5	3.157	10.7	868,250	Open	12.9	267
12/7/2025	2:30:00	7.4	2.517	8.7	868,293	Open	12.6	264
12/7/2025	2:45:00	7.4	3.138	5.8	868,337	Open	12.5	264
12/7/2025	3:00:00	7.4	2.426	11.2	868,380	Open	12.5	264
12/7/2025	3:15:00	7.4	3.172	7.7	868,407	Open	12.5	266
12/7/2025	3:30:00	7.4	2.422	9.4	868,449	Open	12.5	264
12/7/2025	3:45:00	7.4	3.176	7.1	868,472	Open	12.8	266
12/7/2025	4:00:00	7.4	3.142	7	868,516	Open	12.6	262
12/7/2025	4:15:00	7.4	3.123	6.7	868,563	Open	12.6	262
12/7/2025	4:30:00	7.4	3.153	7.6	868,590	Open	12.6	262
12/7/2025	4:45:00	7.4	3.123	7.8	868,637	Open	12.6	261
12/7/2025	5:00:00	7.4	3.138	8.5	868,660	Open	13	262
12/7/2025	5:15:00	7.4	3.119	9	868,707	Open	12.5	261
12/7/2025	5:30:00	7.4	3.134	9.5	868,725	Open	13	261
12/7/2025	5:45:00	7.4	3.210	9.5	868,767	Open	12.5	262
12/7/2025	6:00:00	7.5	3.221	2.2	868,790	Open	12.9	262
12/7/2025	6:15:00	7.4	3.210	3.1	868,835	Open	12.5	262
12/7/2025	6:30:00	7.4	0.193	3	868,866	Closed	12.6	262



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/7/2025	6:45:00	7.4	3.210	2.5	868,906	Open	12.4	263
12/7/2025	7:00:00	7.3	3.187	3.6	868,950	Open	12.4	262
12/7/2025	7:15:00	7.3	0.129	2.2	868,984	Closed	12.5	262
12/7/2025	7:30:00	7.3	3.210	2.3	869,022	Open	12.4	262
12/7/2025	7:45:00	7.3	3.206	2.3	869,063	Open	12.4	261
12/7/2025	8:00:00	7.3	3.176	3.8	869,108	Open	12.4	261
12/7/2025	8:15:00	7.3	3.096	8.7	869,137	Open	12.5	259
12/7/2025	8:30:00	7.4	3.478	4.1	869,180	Open	12.4	259
12/7/2025	8:45:00	7.4	2.419	5.2	869,223	Open	12.3	261
12/7/2025	9:00:00	7.4	3.452	6.6	869,261	Open	12.2	259
12/7/2025	9:15:00	7.3	3.013	4.1	869,288	Open	12.3	263
12/7/2025	9:30:00	7.3	3.308	5.2	869,330	Open	12.2	265
12/7/2025	9:45:00	7.3	3.293	3.4	869,377	Open	12.3	266
12/7/2025	10:00:00	7.3	3.278	4.6	869,422	Open	12.6	264
12/7/2025	10:15:00	7.3	3.073	7.2	869,445	Closed	13.3	262
12/7/2025	10:30:00	7.3	2.036	7.9	869,490	Open	13	264
12/7/2025	10:45:00	7.4	3.316	6.9	869,519	Open	13.1	266
12/7/2025	11:00:00	7.4	0.000	10.1	869,556	Closed	13.3	266
12/7/2025	11:15:00	7.3	3.293	8	869,591	Open	13.4	262
12/7/2025	11:30:00	7.3	3.331	8.6	869,609	Open	14.4	264
12/7/2025	11:45:00	7.3	3.274	9.1	869,655	Open	13.6	264
12/7/2025	12:00:00	7.3	3.301	8.4	869,683	Open	13.7	262
12/7/2025	12:15:00	7.3	3.319	7.8	869,729	Open	13.6	262
12/7/2025	12:30:00	7.3	2.082	16.2	869,771	Open	13.5	266
12/7/2025	12:45:00	7.3	2.903	8.9	869,806	Open	13.5	274



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

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/7/2025	13:00:00	7.3	3.274	9.3	869,851	Open	13.3	271
12/7/2025	13:15:00	7.2	3.263	13.2	869,896	Open	13.2	269
12/7/2025	13:30:00	7.3	0.484	20	869,932	Open	13.2	267
12/7/2025	13:45:00	7.3	2.657	37	869,971	Open	13.1	264
12/7/2025	14:00:00	7.3	3.138	0.3	870,015	Open	13.2	267
12/7/2025	14:15:00	7.3	3.160	0.3	870,059	Open	13.3	266
12/7/2025	14:30:00	7.3	3.176	1.1	870,088	Open	13.3	266
12/7/2025	14:45:00	7.3	3.187	1.5	870,132	Open	13.2	266
12/7/2025	15:00:00	7.3	3.164	1.7	870,176	Open	13.3	266
12/7/2025	15:15:00	7.3	3.160	4.4	870,220	Open	13.4	264
12/7/2025	15:30:00	7.3	3.138	3.1	870,264	Open	13.4	262
12/7/2025	15:45:00	7.3	0.466	4.6	870,287	Open	13.8	261
12/7/2025	16:00:00	7.3	3.168	6.2	870,326	Open	13.3	262
12/7/2025	16:15:00	7.3	3.172	4.1	870,370	Open	13.2	262
12/7/2025	16:30:00	7.3	0.503	9.5	870,410	Open	13.2	266
12/7/2025	16:45:00	7.3	3.157	7.4	870,438	Open	13.2	266
12/7/2025	17:00:00	7.3	0.590	16.6	870,464	Closed	13.3	266
12/7/2025	17:15:00	7.2	3.195	1.5	870,507	Open	13.2	269
12/7/2025	17:30:00	7.2	3.149	3.4	870,551	Open	13.1	271
12/7/2025	17:45:00	7.2	3.142	5.2	870,594	Open	13.1	272
12/7/2025	18:00:00	7.3	3.138	4.2	870,638	Open	13	271
12/7/2025	18:15:00	7.3	3.153	3.1	870,680	Open	12.9	267
12/7/2025	18:30:00	7.2	3.210	3.3	870,704	Open	13	268
12/7/2025	18:45:00	7.2	3.183	4.2	870,748	Open	12.8	268
12/7/2025	19:00:00	7.2	0.000	2.7	870,776	Closed	13	267



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

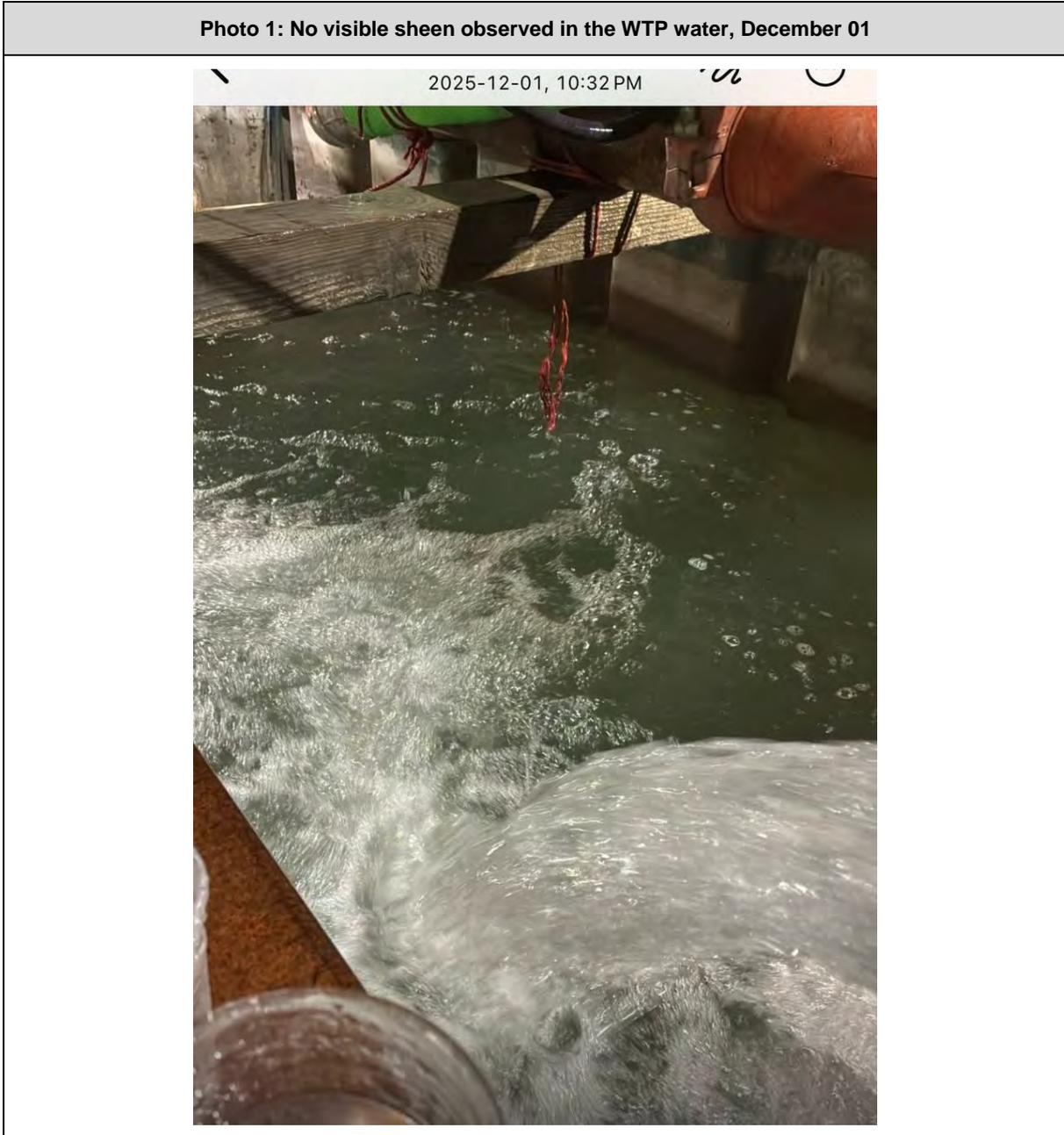
<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b> <b>Approved by:</b> <b>Date:</b>	<b>SD</b> <b>BC2</b> <b>December 19, 2025</b>

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/7/2025	19:15:00	7.2	3.164	3.8	870,813	Open	12.7	265
12/7/2025	19:30:00	7.3	3.157	4	870,857	Open	12.6	265
12/7/2025	19:45:00	7.3	0.000	5.8	870,876	Closed	13.1	263
12/7/2025	20:00:00	7.3	3.198	2.4	870,918	Open	12.6	262
12/7/2025	20:15:00	7.3	3.153	3.4	870,962	Open	12.5	262
12/7/2025	20:30:00	7.3	3.164	2.1	871,006	Open	12.5	260
12/7/2025	20:45:00	7.3	3.145	2.7	871,050	Open	12.6	261
12/7/2025	21:00:00	7.3	3.195	2.6	871,076	Open	12.7	260
12/7/2025	21:15:00	7.3	3.179	2.1	871,120	Open	12.6	261
12/7/2025	21:30:00	7.3	0.000	2.4	871,147	Closed	12.8	255
12/7/2025	21:45:00	7.3	3.217	3.5	871,187	Open	12.7	261
12/7/2025	22:00:00	7.3	3.210	3.7	871,232	Open	12.7	261
12/7/2025	22:15:00	7.3	3.187	4.2	871,276	Open	12.7	260
12/7/2025	22:30:00	7.3	3.172	5.6	871,320	Open	12.7	259
12/7/2025	22:45:00	7.3	3.153	4.8	871,364	Open	12.8	259
12/7/2025	23:00:00	7.3	3.202	4.7	871,387	Open	12.9	259
12/7/2025	23:15:00	7.3	3.191	4.1	871,432	Open	12.8	259
12/7/2025	23:30:00	7.3	3.179	4.2	871,476	Open	12.8	263
12/7/2025	23:45:00	7.3	3.168	4.1	871,520	Open	12.8	264

<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b>	<b>SD</b>
		<b>Approved by:</b>	<b>BC2</b>
		<b>Date:</b>	<b>December 19, 2025</b>

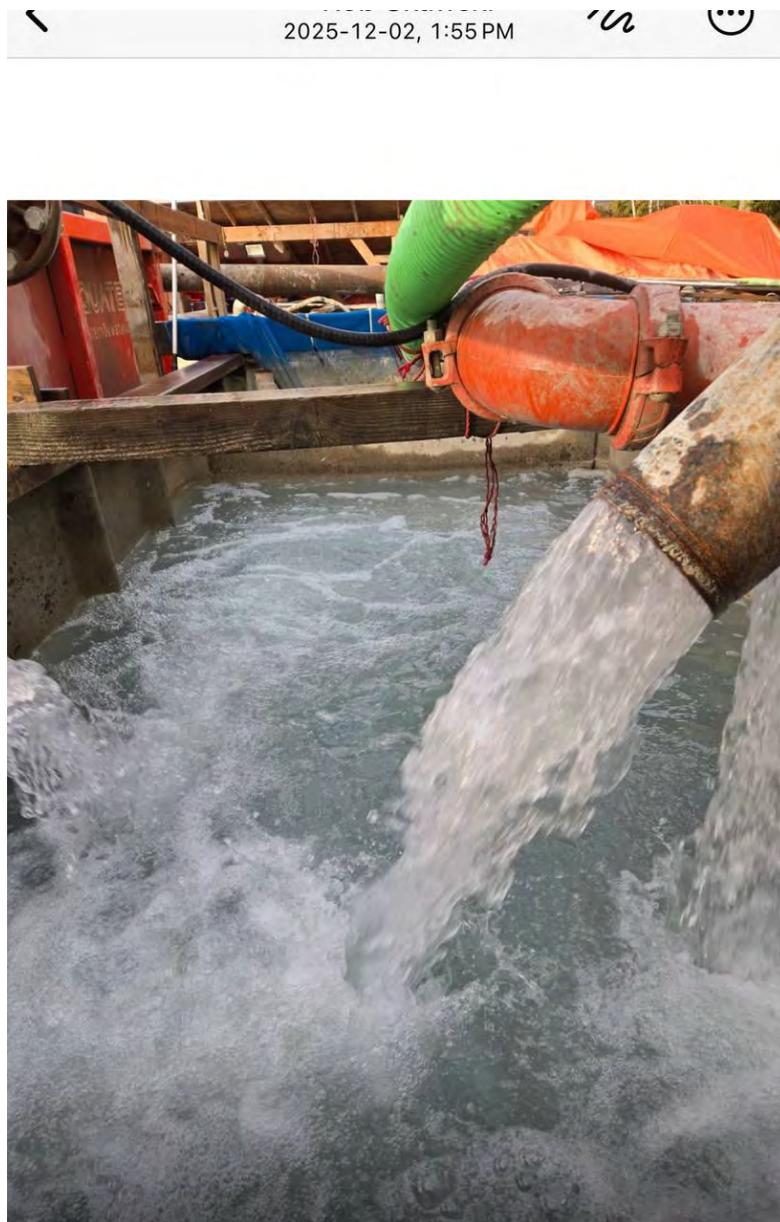
**Appendix B: Photo**

**Photo 1: No visible sheen observed in the WTP water, December 01**



<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b>	<b>SD</b>
		<b>Approved by:</b>	<b>BC2</b>
		<b>Date:</b>	<b>December 19, 2025</b>

**Photo 2: No visible sheen observed in the WTP water, December 02**



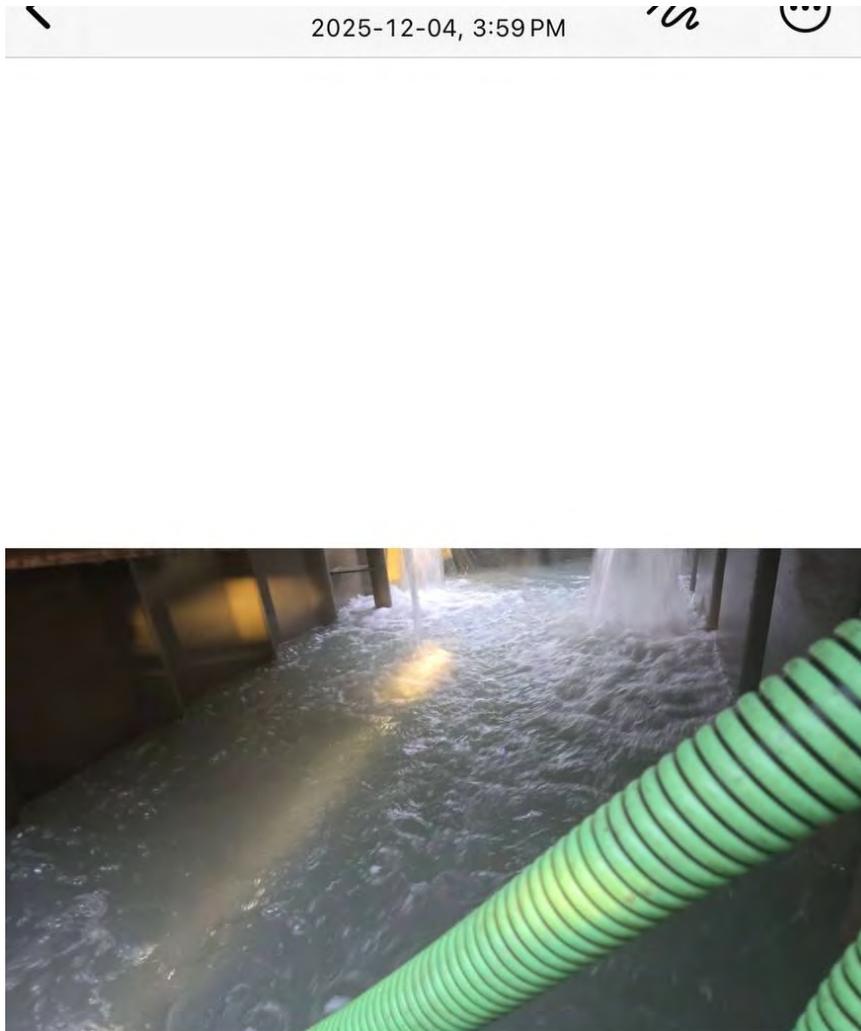
<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b>	<b>SD</b>
		<b>Approved by:</b>	<b>BC2</b>
		<b>Date:</b>	<b>December 19, 2025</b>

**Photo 3: No visible sheen observed in the WTP water, December 03**



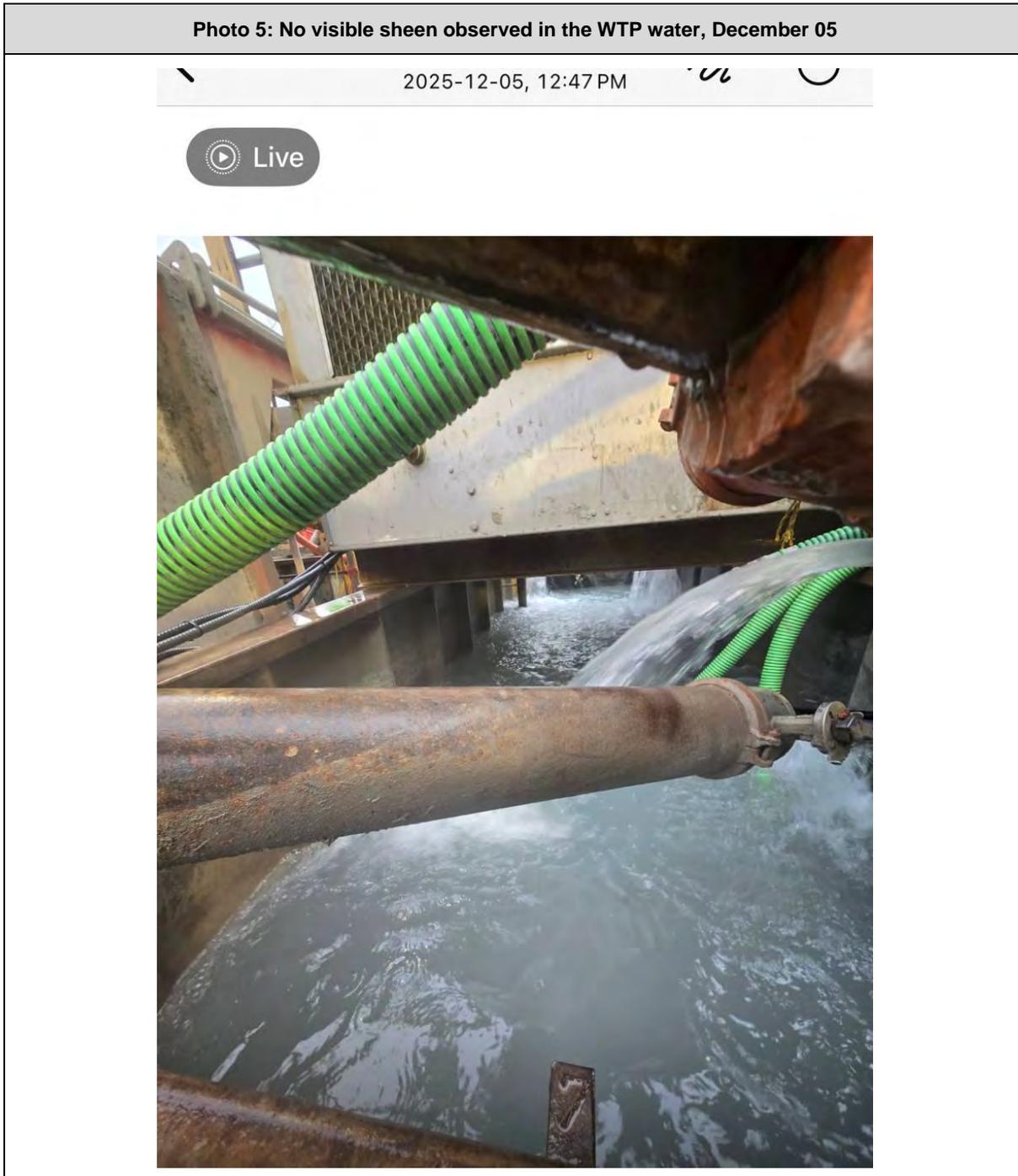
<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b>	<b>SD</b>
		<b>Approved by:</b>	<b>BC2</b>
		<b>Date:</b>	<b>December 19, 2025</b>

**Photo 4: No visible sheen observed in the WTP water, December 04**



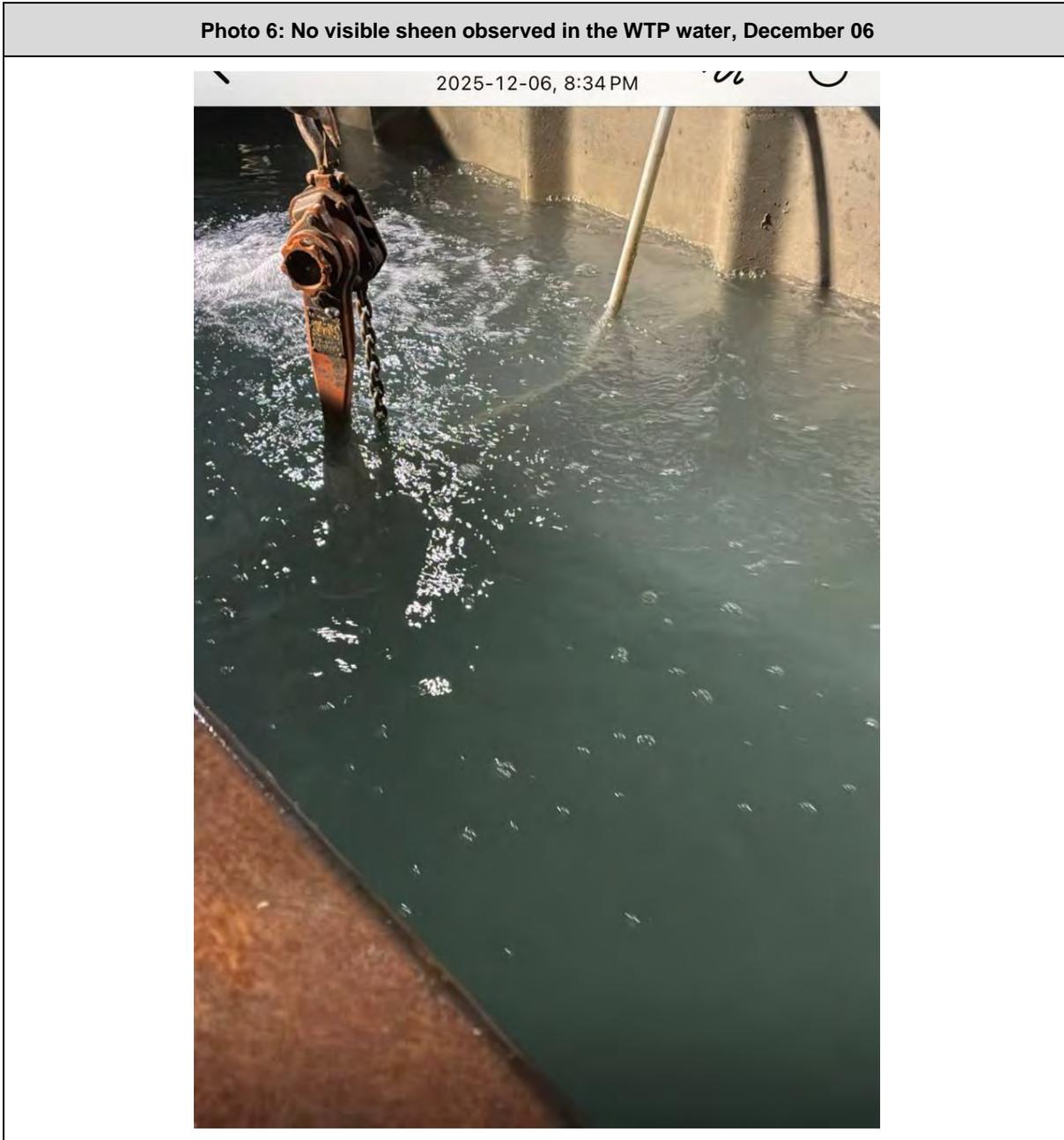
<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b>	<b>SD</b>
		<b>Approved by:</b>	<b>BC2</b>
		<b>Date:</b>	<b>December 19, 2025</b>

**Photo 5: No visible sheen observed in the WTP water, December 05**



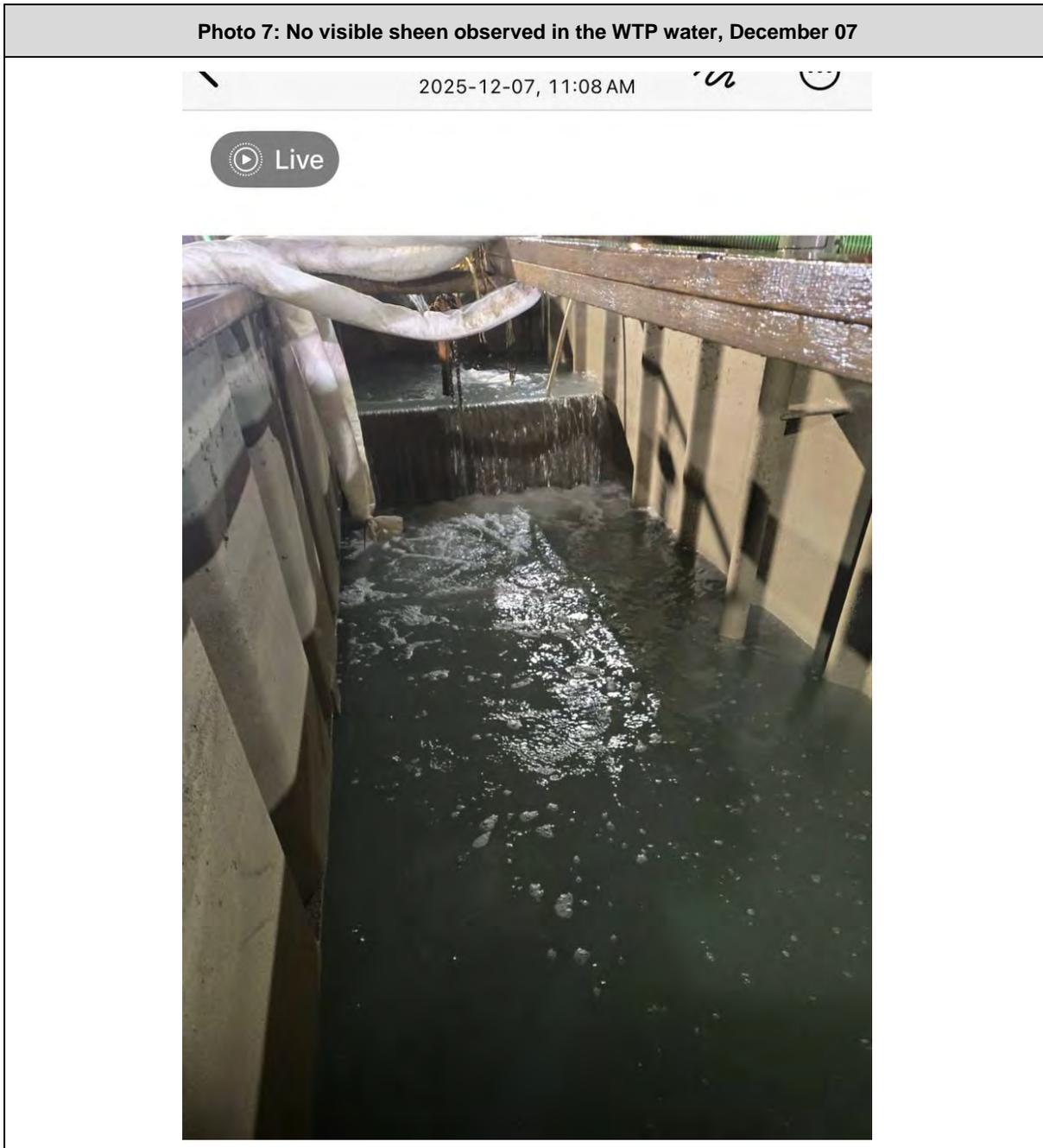
<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b>	<b>SD</b>
		<b>Approved by:</b>	<b>BC2</b>
		<b>Date:</b>	<b>December 19, 2025</b>

**Photo 06: No visible sheen observed in the WTP water, December 06**



<b>Title</b>	<b>WoodFibre Weekly Water Discharge Report</b>	<b>Revision:</b>	<b>0</b>
<b>Data Date Range</b>	<b>December 01 ,2025 to December 07, 2025</b>	<b>Prepared by:</b>	<b>SD</b>
		<b>Approved by:</b>	<b>BC2</b>
		<b>Date:</b>	<b>December 19, 2025</b>

**Photo 7: No visible sheen observed in the WTP water, December 07**



# Water Quality Field Data Sheet



Project: FORTIS11234

## Location Information

Site ID: WLNG EOP Date: December 2, 2025  
Site Name: East Creek Time: 9:27  
Crew: WS  
Weather: Sun/Cloud

## In Situ Parameters

pH: 7.21 DO: 10.52 (mg/L)  
Temp.: 10.4 (°C) Cond: 166.3 (us)  
Turbidity: 3.54 NTU Salinity: 0.08 (ppt)  
ORP: 30 (mV)

Visible Sheen: NA

Water Surface Condition: Clear

## Photo Record

Photo



## Observations

Duplicate taken

 <b>Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report</b>	Reporting Week	Dec 1 <sup>st</sup> to Dec 7 <sup>th</sup> , 2025
	Report #	89
	Appendix D	D-1

## Appendix D: Woodfibre Site Receiving Environment Documentation

 <b>Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report</b>	Reporting Week	Dec 1 <sup>st</sup> to Dec 7 <sup>th</sup> , 2025
	Report #	89
	Appendix D	D-2

## Woodfibre Site Receiving Environment Sample Analysis



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG US 2025-12-02 09:09:00	WLNG DS 2025-12-02 10:01:00
<b>In situ Parameters</b>									
Field pH	pH Units	-	6.5 - 9	-	-	7 - 8.7	-	8.08	7.47
Field Temperature	°C	18	19	-	-	-	-	7.5	9
<b>General Parameters</b>									
pH	pH Units	-	-	-	-	-	-	6.24	6.66
Alkalinity (Total as CaCO <sub>3</sub> )	mg/L	-	-	-	-	-	-	5.6	32
Alkalinity (PP as CaCO <sub>3</sub> )	mg/L	-	-	-	-	-	-	<1	<1
Hardness (CaCO <sub>3</sub> )-Total	mg/L	-	-	-	-	-	-	6.83	31.7
Hardness (CaCO <sub>3</sub> )-Dissolved	mg/L	-	-	-	-	-	-	6.95	36.1
Sulphide-Total	mg/L	-	-	-	-	-	-	<0.0018	<0.0018
Sulphide (as H <sub>2</sub> S)	mg/L	-	-	0.002	-	-	-	<0.002	<0.002
<b>Anions and Nutrients</b>									
Ammonia (N)-Total	mg/L	0.914	12.9	-	12	19	-	<0.015	<0.015
Bicarbonate (HCO <sub>3</sub> )	mg/L	-	-	-	-	-	-	6.8	38
Carbonate (CO <sub>3</sub> )	mg/L	-	-	-	-	-	-	<1	<1
Hydroxide (OH)	mg/L	-	-	-	-	-	-	<1	<1
Nitrate (N)	mg/L	3	32.8	-	3.7	-	-	0.046	<0.02
Nitrite (N)	mg/L	0.02	0.06	-	-	-	-	<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L	-	-	-	-	-	-	0.046	<0.02
Nitrogen (N)-Total	mg/L	-	-	-	-	-	-	0.085	0.119
Phosphorus (P)-Total (4500-P)	mg/L	-	-	-	-	-	-	0.061	0.016
Bromide (Br)	mg/L	-	-	-	-	-	-	<0.01	<0.01
Chloride (Cl)	mg/L	150	600	-	-	-	-	<1	3.7
Fluoride (F)	mg/L	-	0.4	-	-	1.5	-	<0.05	0.17
Sulphate (SO <sub>4</sub> )-Dissolved	mg/L	128	-	-	-	-	-	1.1	6.6

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

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

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

<sup>4</sup>**Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG US 2025-12-02 09:09:00	WLNG DS 2025-12-02 10:01:00
<b>Total Metals</b>									
Aluminum (Al)-Total	mg/L	0.093387	-	-	-	-	-	0.0926	<b>0.268</b>
Antimony (Sb)-Total	mg/L	0.074	0.25	-	-	-	-	0.000029	0.000279
Arsenic (As)-Total	mg/L	0.005	-	-	0.0125	-	-	0.000179	0.000587
Barium (Ba)-Total	mg/L	-	-	1	-	-	-	0.00302	0.00577
Beryllium (Be)-Total	mg/L	-	-	0.00013	-	-	0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	mg/L	-	-	-	-	-	-	<0.000005	<0.00001
Boron (B)-Total	mg/L	1.2	-	-	1.2	-	-	<0.01	<0.01
Cadmium (Cd)-Total	mg/L	-	-	-	-	-	0.00012	0.0000062	0.0000076
Calcium (Ca)-Total	mg/L	-	-	-	-	-	-	2.17	11.7
Cesium (Cs)-Total	mg/L	-	-	-	-	-	-	<0.00005	<0.00005
Chromium (Cr)-Total	mg/L	-	-	-	-	-	-	<0.0001	0.00029
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	-	-	-	-	-	0.0000434	0.000053
Copper (Cu)-Total	mg/L	-	-	-	0.002	0.003	-	0.000947	0.0006
Iron (Fe)-Total	mg/L	-	1	-	-	-	-	0.0446	0.191
Lead (Pb)-Total	mg/L	-	-	-	0.002	0.14	-	0.0000228	0.000061
Lithium (Li)-Total	mg/L	-	-	-	-	-	-	<0.0005	0.00229
Magnesium (Mg)-Total	mg/L	-	-	-	-	-	-	0.345	0.6
Manganese (Mn)-Total	mg/L	0.635	0.615	-	-	-	0.1	0.00169	0.0124
Mercury (Hg)-Total	mg/L	0.00002	-	-	0.00002	-	-	0.000002	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46	-	-	-	-	0.000379	0.0144
Nickel (Ni)-Total	mg/L	-	-	-	-	-	0.0083	0.000343	0.00034
Phosphorus (P)-Total (ICPMS)	mg/L	-	-	-	-	-	-	0.0551	0.0163
Potassium (K)-Total	mg/L	-	-	-	-	-	-	0.202	0.78
Rubidium (Rb)-Total	mg/L	-	-	-	-	-	-	0.00024	0.00176
Selenium (Se)-Total	mg/L	0.002	-	-	0.002	-	-	<0.00004	<0.00004
Silicon (Si)-Total	mg/L	-	-	-	-	-	-	3.76	4.99
Silver (Ag)-Total	mg/L	0.00012	-	-	0.0005	0.0037	0.0005	<0.000005	<0.00001
Sodium (Na)-Total	mg/L	-	-	-	-	-	-	1.26	3.09
Strontium (Sr)-Total	mg/L	-	-	-	-	-	-	0.0101	0.0238
Sulphur (S)-Total	mg/L	-	-	-	-	-	-	<3	<3
Tellurium (Te)-Total	mg/L	-	-	-	-	-	-	<0.00002	<0.00002
Thallium (Tl)-Total	mg/L	-	-	0.00003	-	-	-	<0.000002	0.0000079
Thorium (Th)-Total	mg/L	-	-	-	-	-	-	<0.00005	<0.00005
Tin (Sn)-Total	mg/L	-	-	-	-	-	-	<0.0002	<0.0002
Titanium (Ti)-Total	mg/L	-	-	-	-	-	-	0.00117	0.0068
Uranium (U)-Total	mg/L	-	0.0165	0.0075	-	-	-	0.0000944	0.000688
Vanadium (V)-Total	mg/L	-	-	0.06	-	-	0.005	<0.0002	0.00024
Zinc (Zn)-Total	mg/L	-	-	-	0.01	0.055	-	0.00136	0.0027
Zirconium (Zr)-Total	mg/L	-	-	-	-	-	-	<0.0001	<0.0001

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

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

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

<sup>4</sup> **Bold and shaded text** outlines a reportable exceedance given that it exceeds the applicable BC water quality guideline (i.e., the short-term acute freshwater aquatic life guideline), consistent with recommendations outlined in Hatfield (2024).



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG US 2025-12-02 09:09:00	WLNG DS 2025-12-02 10:01:00
<b>Dissolved Metals</b>									
Aluminum (Al)-Dissolved	mg/L	-	-	-	-	-	-	0.0611	0.0598
Antimony (Sb)-Dissolved	mg/L	-	-	-	-	-	-	0.000029	0.000264
Arsenic (As)-Dissolved	mg/L	-	-	-	-	-	-	0.000162	0.000633
Barium (Ba)-Dissolved	mg/L	-	-	-	-	-	-	0.00274	0.00452
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	0.000029	0.000038	-	-	-	-	0.000007	0.0000051
Calcium (Ca)-Dissolved	mg/L	-	-	-	-	-	-	2.25	13.4
Cesium (Cs)-Dissolved	mg/L	-	-	-	-	-	-	<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L	-	-	-	-	-	-	<0.0001	<0.0001
Cobalt (Co)-Dissolved	mg/L	0.000389	-	-	-	-	-	0.0000356	0.0000307
Copper (Cu)-Dissolved	mg/L	0.00038	0.00231	-	-	-	-	<b>0.000915</b>	0.000323
Iron (Fe)-Dissolved	mg/L	-	0.35	-	-	-	-	0.0194	0.0096
Lead (Pb)-Dissolved	mg/L	0.001665	-	-	-	-	-	0.0000128	<0.000005
Lithium (Li)-Dissolved	mg/L	-	-	-	-	-	-	<0.0005	0.00242
Manganese (Mn)-Dissolved	mg/L	-	-	-	-	-	-	0.000881	0.00954
Magnesium (Mg)-Dissolved	mg/L	-	-	-	-	-	-	0.322	0.659
Mercury (Hg)-Dissolved	mg/L	-	-	-	-	-	-	<0.000019	<0.000019
Molybdenum (Mo)-Dissolved	mg/L	-	-	-	-	-	-	0.000408	0.0173
Nickel (Ni)-Dissolved	mg/L	0.0008	0.0131	-	-	-	-	0.000337	0.000198
Phosphorus (P)-Dissolved	mg/L	-	-	-	-	-	-	0.0535	0.012
Potassium (K)-Dissolved	mg/L	-	-	-	-	-	-	0.198	0.903
Rubidium (Rb)-Dissolved	mg/L	-	-	-	-	-	-	0.000214	0.00191
Selenium (Se)-Dissolved	mg/L	-	-	-	-	-	-	<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L	-	-	-	-	-	-	3.55	5.29
Silver (Ag)-Dissolved	mg/L	-	-	-	-	-	-	<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L	-	-	-	-	-	-	1.28	3.52
Strontium (Sr)-Dissolved	mg/L	-	-	1.25	-	-	-	0.00953	0.0279
Sulphur (S)-Dissolved	mg/L	-	-	-	-	-	-	<3	<3
Tellurium (Te)-Dissolved	mg/L	-	-	-	-	-	-	<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L	-	-	-	-	-	-	<0.000002	0.0000071
Thorium (Th)-Dissolved	mg/L	-	-	-	-	-	-	0.0000091	<0.000005
Tin (Sn)-Dissolved	mg/L	-	-	-	-	-	-	<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L	-	-	-	-	-	-	<0.0005	<0.0005
Uranium (U)-Dissolved	mg/L	-	-	-	-	-	-	0.0000975	0.000568
Vanadium (V)-Dissolved	mg/L	-	-	-	-	-	-	<0.0002	<0.0002
Zinc (Zn)-Dissolved	mg/L	0.001837	0.008896	-	-	-	-	0.00129	0.00125
Zirconium (Zr)-Dissolved	mg/L	-	-	-	-	-	-	<0.0001	<0.0001

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

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<b>Inorganics</b>									
Organic Carbon (C)-Total	mg/L	-	-	-	-	-	-	1.9	1.6
Organic Carbon (C)-Dissolved	mg/L	-	-	-	-	-	-	2	1.3
Solids-Total Dissolved	mg/L	-	-	-	-	-	-	44	64
Solids-Total Suspended	mg/L	6	26	-	-	-	-	<1	5.2

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

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 <b>Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report</b>	Reporting Week	Dec 1 <sup>st</sup> to Dec 7 <sup>th</sup> , 2025
	Report #	89
	Appendix D	D-3

## 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)	Salinity (PSU)
EAS-DS	2025-12-01 00:00:00	8.509	101.996	0.396	7.740	11.225	46.528	0.047
EAS-DS	2025-12-01 01:00:00	8.559	103.498	0.398	7.644	11.144	36.568	0.048
EAS-DS	2025-12-01 02:00:00	8.609	80.922	0.396	7.733	11.064	58.263	0.037
EAS-DS	2025-12-01 03:00:00	8.657	84.611	0.399	7.648	11.069	64.760	0.039
EAS-DS	2025-12-01 04:00:00	8.597	53.120	0.392	7.726	11.124	85.501	0.024
EAS-DS	2025-12-01 05:00:00	-	-	-	-	-	-	-
EAS-DS	2025-12-01 06:00:00	7.334	28.723	0.392	7.552	10.943	87.510	0.012
EAS-DS	2025-12-01 07:00:00	8.609	77.382	0.396	7.650	11.185	46.733	0.035
EAS-DS	2025-12-01 08:00:00	7.160	40.113	0.393	7.504	11.122	73.391	0.017
EAS-DS	2025-12-01 09:00:00	8.535	71.467	0.397	7.657	11.186	55.176	0.033
EAS-DS	2025-12-01 10:00:00	7.850	70.057	0.397	7.527	11.570	79.237	0.032
EAS-DS	2025-12-01 11:00:00	8.758	91.104	0.395	7.687	11.131	40.315	0.042
EAS-DS	2025-12-01 12:00:00	-	-	-	-	-	-	-
EAS-DS	2025-12-01 13:00:00	8.663	48.330	0.393	7.647	11.132	78.642	0.021
EAS-DS	2025-12-01 14:00:00	8.658	53.110	0.391	7.793	11.151	81.543	0.024
EAS-DS	2025-12-01 15:00:00	8.729	66.381	0.394	7.713	11.152	65.331	0.030
EAS-DS	2025-12-01 16:00:00	7.634	62.611	0.400	7.683	11.485	52.411	0.028
EAS-DS	2025-12-01 17:00:00	8.663	69.751	0.397	7.662	11.156	60.489	0.032
EAS-DS	2025-12-01 18:00:00	8.654	53.538	0.392	7.775	11.142	83.975	0.024
EAS-DS	2025-12-01 19:00:00	8.579	52.195	0.394	7.700	11.177	71.563	0.023
EAS-DS	2025-12-01 20:00:00	8.648	49.968	0.391	7.770	11.162	55.538	0.022
EAS-DS	2025-12-01 21:00:00	8.701	89.851	0.397	7.692	11.124	33.887	0.041
EAS-DS	2025-12-01 22:00:00	-	42.493	-	7.712	11.116	75.884	0.019
EAS-DS	2025-12-01 23:00:00	-	59.942	-	7.624	11.173	67.475	0.027
EAS-DS	2025-12-02 00:00:00	8.461	74.007	0.399	7.718	11.230	74.438	0.034
EAS-DS	2025-12-02 01:00:00	8.645	64.982	0.400	7.667	11.071	63.077	0.029
EAS-DS	2025-12-02 02:00:00	8.647	67.394	0.396	7.776	11.083	76.645	0.031
EAS-DS	2025-12-02 03:00:00	8.663	67.275	0.398	7.700	11.034	58.666	0.031
EAS-DS	2025-12-02 04:00:00	8.650	48.156	0.389	7.797	11.011	92.173	0.021
EAS-DS	2025-12-02 05:00:00	8.872	65.194	0.396	7.742	11.051	69.403	0.030
EAS-DS	2025-12-02 06:00:00	8.264	40.219	0.390	7.742	10.959	88.211	0.018
EAS-DS	2025-12-02 07:00:00	8.916	67.295	0.397	7.686	11.022	71.558	0.031
EAS-DS	2025-12-02 08:00:00	7.824	42.582	0.398	7.645	11.050	52.962	0.019
EAS-DS	2025-12-02 09:00:00	8.194	39.977	0.402	7.703	11.035	55.241	0.017
EAS-DS	2025-12-02 10:00:00	8.833	0.079	0.373	7.572	11.226	1.614	0.000
EAS-DS	2025-12-02 11:00:00	9.239	111.700	0.370	7.824	10.954	0.000	0.052
EAS-DS	2025-12-02 12:00:00	9.252	110.513	0.375	7.826	11.003	0.000	0.051
EAS-DS	2025-12-02 13:00:00	9.539	113.419	0.371	7.872	10.876	0.000	0.053
EAS-DS	2025-12-02 14:00:00	9.588	109.883	0.372	7.879	10.869	0.000	0.051
EAS-DS	2025-12-02 15:00:00	9.424	108.784	0.377	7.854	10.871	0.000	0.051
EAS-DS	2025-12-02 16:00:00	9.403	107.199	0.377	7.878	10.796	0.000	0.050
EAS-DS	2025-12-02 17:00:00	9.299	105.368	0.380	7.851	10.921	0.000	0.049
EAS-DS	2025-12-02 18:00:00	9.072	98.022	0.382	7.848	10.864	0.000	0.045
EAS-DS	2025-12-02 19:00:00	7.189	27.733	0.389	7.540	11.355	0.000	0.012
EAS-DS	2025-12-02 20:00:00	9.175	103.425	0.387	7.858	10.955	0.000	0.048
EAS-DS	2025-12-02 21:00:00	8.720	96.847	0.388	7.793	11.140	0.000	0.045
EAS-DS	2025-12-02 22:00:00	8.987	100.997	0.389	7.841	11.125	0.000	0.047
EAS-DS	2025-12-02 23:00:00	9.133	101.477	0.387	7.866	11.021	0.000	0.047
EAS-DS	2025-12-03 00:00:00	8.813	97.684	0.388	7.798	11.087	0.000	0.045
EAS-DS	2025-12-03 01:00:00	9.018	103.448	0.388	7.841	11.123	0.000	0.048
EAS-DS	2025-12-03 02:00:00	9.130	105.208	0.385	7.867	10.942	0.000	0.049

Woodfibre LNG (East Creek)								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-DS	2025-12-03 03:00:00	8.025	65.523	0.388	7.728	11.083	0.000	0.030
EAS-DS	2025-12-03 04:00:00	9.124	104.627	0.385	7.892	10.945	0.858	0.048
EAS-DS	2025-12-03 05:00:00	9.088	105.195	0.387	7.855	11.059	0.000	0.049
EAS-DS	2025-12-03 06:00:00	9.006	105.961	0.385	7.855	10.857	0.000	0.049
EAS-DS	2025-12-03 07:00:00	9.169	108.169	0.383	7.881	10.911	0.000	0.050
EAS-DS	2025-12-03 08:00:00	8.760	101.223	0.387	7.822	11.162	0.000	0.047
EAS-DS	2025-12-03 09:00:00	8.809	99.561	0.387	7.846	11.047	0.000	0.046
EAS-DS	2025-12-03 10:00:00	8.984	98.356	0.386	7.883	11.033	0.000	0.045
EAS-DS	2025-12-03 11:00:00	9.112	107.730	0.387	7.881	11.140	0.000	0.050
EAS-DS	2025-12-03 12:00:00	9.137	109.289	0.388	7.861	10.946	0.034	0.051
EAS-DS	2025-12-03 13:00:00	9.254	115.554	0.389	7.788	10.806	0.000	0.054
EAS-DS	2025-12-03 14:00:00	9.397	117.574	0.388	7.806	10.793	0.000	0.055
EAS-DS	2025-12-03 15:00:00	9.276	116.737	0.390	7.783	10.891	0.000	0.054
EAS-DS	2025-12-03 16:00:00	9.467	118.347	0.388	7.799	10.882	0.000	0.055
EAS-DS	2025-12-03 17:00:00	8.654	79.376	0.388	7.832	10.896	0.000	0.036
EAS-DS	2025-12-03 18:00:00	9.320	117.051	0.389	7.788	10.667	0.000	0.054
EAS-DS	2025-12-03 19:00:00	9.429	115.595	0.387	7.833	10.739	0.000	0.054
EAS-DS	2025-12-03 20:00:00	8.917	83.631	0.387	7.854	10.979	0.000	0.038
EAS-DS	2025-12-03 21:00:00	8.939	95.954	0.390	7.800	11.059	0.000	0.044
EAS-DS	2025-12-03 22:00:00	9.095	95.515	0.388	7.831	10.885	0.000	0.044
EAS-DS	2025-12-03 23:00:00	9.296	107.111	0.388	7.852	10.936	0.000	0.050
EAS-DS	2025-12-04 00:00:00	9.136	101.501	0.390	7.829	10.903	0.000	0.047
EAS-DS	2025-12-04 01:00:00	9.204	104.556	0.391	7.836	11.040	0.000	0.048
EAS-DS	2025-12-04 02:00:00	9.257	107.035	0.391	7.820	10.916	0.000	0.050
EAS-DS	2025-12-04 03:00:00	9.257	110.172	0.391	7.839	10.830	0.566	0.051
EAS-DS	2025-12-04 04:00:00	9.116	101.403	0.396	7.809	11.100	0.000	0.047
EAS-DS	2025-12-04 05:00:00	9.287	111.031	0.396	7.830	10.947	0.000	0.052
EAS-DS	2025-12-04 06:00:00	8.148	63.534	0.395	7.783	10.919	0.000	0.029
EAS-DS	2025-12-04 07:00:00	9.444	115.773	0.392	7.852	10.801	0.000	0.054
EAS-DS	2025-12-04 08:00:00	9.188	103.708	0.394	7.812	10.751	0.000	0.048
EAS-DS	2025-12-04 09:00:00	8.191	76.495	0.397	7.739	11.010	1.559	0.035
EAS-DS	2025-12-04 10:00:00	9.036	108.514	0.395	7.805	10.776	0.000	0.050
EAS-DS	2025-12-04 11:00:00	9.235	111.065	0.397	7.803	11.060	0.013	0.052
EAS-DS	2025-12-04 12:00:00	9.063	101.759	0.397	7.786	10.991	0.000	0.047
EAS-DS	2025-12-04 13:00:00	9.201	114.600	0.397	7.817	10.899	0.000	0.053
EAS-DS	2025-12-04 14:00:00	9.149	109.273	0.396	7.799	11.001	0.005	0.051
EAS-DS	2025-12-04 15:00:00	9.314	115.675	0.399	7.798	10.990	0.000	0.054
EAS-DS	2025-12-04 16:00:00	9.462	122.153	0.395	7.792	10.604	0.000	0.057
EAS-DS	2025-12-04 17:00:00	9.423	118.384	0.397	7.784	10.787	0.000	0.055
EAS-DS	2025-12-04 18:00:00	9.410	121.183	0.399	7.790	10.830	0.000	0.056
EAS-DS	2025-12-04 19:00:00	9.010	102.823	0.401	7.784	10.982	0.000	0.048
EAS-DS	2025-12-04 20:00:00	9.280	109.936	0.402	7.757	10.904	0.000	0.051
EAS-DS	2025-12-04 21:00:00	9.095	105.555	0.405	7.742	10.874	0.000	0.049
EAS-DS	2025-12-04 22:00:00	8.653	88.125	0.405	7.695	10.896	0.000	0.041
EAS-DS	2025-12-04 23:00:00	9.277	114.578	0.404	7.761	10.626	0.000	0.053
EAS-DS	2025-12-05 00:00:00	7.901	77.898	0.406	7.695	11.119	0.000	0.036
EAS-DS	2025-12-05 01:00:00	8.649	97.674	0.408	7.696	10.892	0.000	0.045
EAS-DS	2025-12-05 02:00:00	8.453	103.733	0.403	8.256	10.800	0.000	0.048
EAS-DS	2025-12-05 03:00:00	9.066	125.821	0.403	7.722	10.409	0.000	0.059
EAS-DS	2025-12-05 04:00:00	9.138	118.084	0.401	7.779	10.505	0.000	0.055
EAS-DS	2025-12-05 05:00:00	8.974	119.580	0.404	7.740	10.458	0.000	0.056

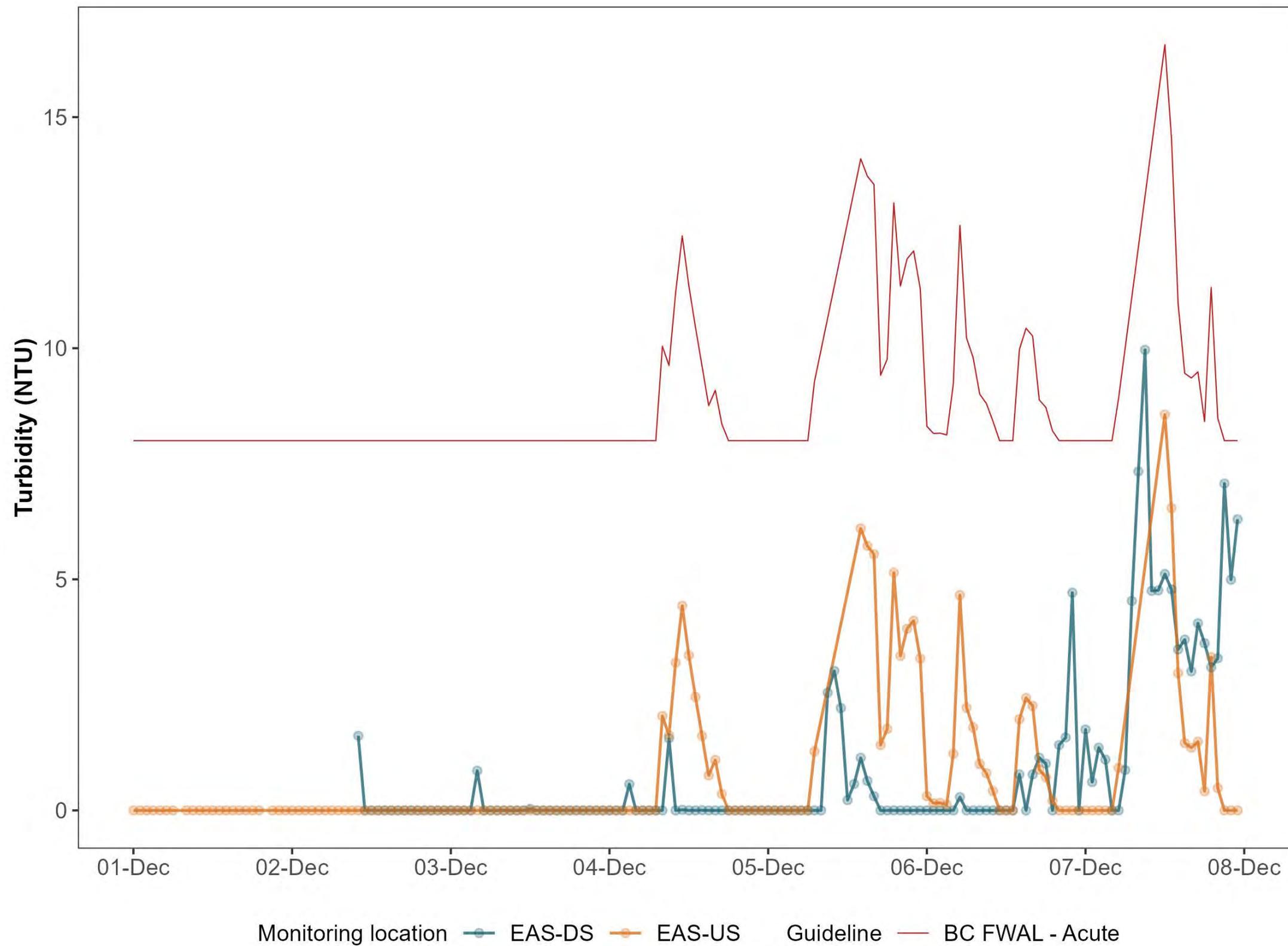
Woodfibre LNG (East Creek)								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-DS	2025-12-05 06:00:00	9.234	122.885	0.399	7.822	10.163	0.000	0.057
EAS-DS	2025-12-05 07:00:00	9.240	124.883	0.392	7.819	10.322	0.000	0.058
EAS-DS	2025-12-05 08:00:00	8.798	102.895	0.398	7.757	10.602	0.000	0.048
EAS-DS	2025-12-05 09:00:00	8.476	102.467	0.399	7.772	10.762	2.548	0.047
EAS-DS	2025-12-05 10:00:00	8.613	110.377	0.398	7.767	10.655	3.018	0.051
EAS-DS	2025-12-05 11:00:00	8.098	115.028	0.399	7.768	10.768	2.216	0.053
EAS-DS	2025-12-05 12:00:00	8.773	114.698	0.399	7.768	10.524	0.223	0.053
EAS-DS	2025-12-05 13:00:00	8.663	110.822	0.402	7.771	10.685	0.572	0.051
EAS-DS	2025-12-05 14:00:00	7.934	107.639	0.401	7.741	10.614	1.137	0.050
EAS-DS	2025-12-05 15:00:00	8.833	121.328	0.402	7.789	10.533	0.637	0.056
EAS-DS	2025-12-05 16:00:00	8.398	108.343	0.404	7.721	10.867	0.308	0.050
EAS-DS	2025-12-05 17:00:00	8.905	121.718	0.405	7.773	10.496	0.000	0.057
EAS-DS	2025-12-05 18:00:00	8.725	106.516	0.406	7.699	10.636	0.000	0.049
EAS-DS	2025-12-05 19:00:00	8.464	100.563	0.408	7.688	10.770	0.000	0.046
EAS-DS	2025-12-05 20:00:00	8.396	88.824	0.409	7.658	11.035	0.000	0.041
EAS-DS	2025-12-05 21:00:00	8.607	99.019	0.411	7.711	10.622	0.000	0.046
EAS-DS	2025-12-05 22:00:00	8.179	87.917	0.411	7.663	10.682	0.000	0.040
EAS-DS	2025-12-05 23:00:00	7.823	86.391	0.411	7.633	10.982	0.000	0.040
EAS-DS	2025-12-06 00:00:00	8.130	80.741	0.412	7.631	10.883	0.000	0.037
EAS-DS	2025-12-06 01:00:00	7.998	83.154	0.412	7.581	10.916	0.000	0.038
EAS-DS	2025-12-06 02:00:00	8.335	90.683	0.414	7.612	10.763	0.000	0.042
EAS-DS	2025-12-06 03:00:00	8.329	97.753	0.414	7.613	10.671	0.000	0.045
EAS-DS	2025-12-06 04:00:00	8.518	98.870	0.414	7.570	10.535	0.000	0.046
EAS-DS	2025-12-06 05:00:00	8.376	90.882	0.415	7.601	10.661	0.287	0.042
EAS-DS	2025-12-06 06:00:00	8.545	96.463	0.417	7.582	10.322	0.000	0.045
EAS-DS	2025-12-06 07:00:00	-	86.235	-	7.534	10.658	0.000	0.040
EAS-DS	2025-12-06 08:00:00	8.520	83.603	0.419	7.549	10.670	0.000	0.038
EAS-DS	2025-12-06 09:00:00	8.372	77.966	0.419	7.616	10.726	0.000	0.036
EAS-DS	2025-12-06 10:00:00	8.692	84.513	0.421	7.544	10.745	0.000	0.039
EAS-DS	2025-12-06 11:00:00	8.760	86.766	0.421	7.580	10.581	0.000	0.040
EAS-DS	2025-12-06 12:00:00	8.682	85.578	0.421	7.518	10.633	0.000	0.039
EAS-DS	2025-12-06 13:00:00	8.925	81.025	0.420	7.595	10.541	0.000	0.037
EAS-DS	2025-12-06 14:00:00	9.123	91.924	0.411	7.683	10.967	0.781	0.042
EAS-DS	2025-12-06 15:00:00	8.839	64.594	0.410	7.675	10.999	0.000	0.029
EAS-DS	2025-12-06 16:00:00	9.110	104.617	0.409	7.721	10.959	0.779	0.048
EAS-DS	2025-12-06 17:00:00	9.118	98.729	0.409	7.684	10.992	1.140	0.046
EAS-DS	2025-12-06 18:00:00	9.213	107.882	0.405	7.728	10.943	1.012	0.050
EAS-DS	2025-12-06 19:00:00	9.072	89.508	0.403	7.657	10.977	0.000	0.041
EAS-DS	2025-12-06 20:00:00	8.385	47.500	0.406	7.514	11.176	1.414	0.021
EAS-DS	2025-12-06 21:00:00	9.250	106.482	0.405	7.690	10.974	1.579	0.049
EAS-DS	2025-12-06 22:00:00	9.297	97.670	0.404	7.706	10.980	4.711	0.045
EAS-DS	2025-12-06 23:00:00	8.199	31.219	0.400	7.461	11.117	0.000	0.013
EAS-DS	2025-12-07 00:00:00	-	92.012	-	7.464	11.184	1.750	0.042
EAS-DS	2025-12-07 01:00:00	9.366	100.361	0.402	7.724	10.908	0.614	0.046
EAS-DS	2025-12-07 02:00:00	9.314	99.279	0.408	7.741	10.882	1.357	0.046
EAS-DS	2025-12-07 03:00:00	9.306	99.505	0.402	7.741	10.845	1.101	0.046
EAS-DS	2025-12-07 04:00:00	9.297	96.062	0.409	7.682	10.785	0.000	0.044
EAS-DS	2025-12-07 05:00:00	8.543	50.053	0.403	7.621	10.802	0.000	0.022
EAS-DS	2025-12-07 06:00:00	8.367	41.604	0.406	7.612	10.868	0.874	0.018
EAS-DS	2025-12-07 07:00:00	9.146	94.744	0.407	7.702	10.850	4.532	0.044
EAS-DS	2025-12-07 08:00:00	8.939	96.546	0.408	7.723	10.997	7.333	0.045

Woodfibre LNG (East Creek)								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-DS	2025-12-07 09:00:00	8.844	100.998	0.405	7.748	11.040	9.963	0.047
EAS-DS	2025-12-07 10:00:00	8.828	95.581	0.408	7.707	11.061	4.750	0.044
EAS-DS	2025-12-07 11:00:00	8.787	85.105	0.410	7.661	10.990	4.761	0.039
EAS-DS	2025-12-07 12:00:00	8.680	76.873	0.413	7.519	11.187	5.113	0.035
EAS-DS	2025-12-07 13:00:00	8.807	83.209	0.411	7.591	10.991	4.783	0.038
EAS-DS	2025-12-07 14:00:00	8.876	75.346	0.411	7.585	11.046	3.482	0.034
EAS-DS	2025-12-07 15:00:00	8.949	73.563	0.410	7.565	11.002	3.695	0.034
EAS-DS	2025-12-07 16:00:00	9.010	74.065	0.416	7.535	10.990	3.007	0.034
EAS-DS	2025-12-07 17:00:00	8.970	72.812	0.415	7.508	10.936	4.048	0.033
EAS-DS	2025-12-07 18:00:00	9.068	75.333	0.413	7.571	10.952	3.617	0.034
EAS-DS	2025-12-07 19:00:00	8.526	32.605	0.411	7.416	11.060	3.096	0.014
EAS-DS	2025-12-07 20:00:00	9.091	71.315	0.415	7.570	10.960	3.290	0.033
EAS-DS	2025-12-07 21:00:00	8.922	68.650	0.421	7.422	11.085	7.072	0.031
EAS-DS	2025-12-07 22:00:00	9.086	72.365	0.414	7.569	11.058	4.992	0.033
EAS-DS	2025-12-07 23:00:00	8.698	61.443	0.413	7.259	11.041	6.298	0.028
EAS-US	2025-12-01 00:00:00	5.850	18.692	0.355	6.838	12.085	0.000	0.007
EAS-US	2025-12-01 01:00:00	5.847	18.718	0.361	6.779	12.095	0.000	0.007
EAS-US	2025-12-01 02:00:00	5.855	18.712	0.353	6.860	12.079	0.000	0.007
EAS-US	2025-12-01 03:00:00	5.848	18.817	0.355	6.854	12.080	0.000	0.007
EAS-US	2025-12-01 04:00:00	5.847	18.943	0.351	6.867	12.068	0.000	0.007
EAS-US	2025-12-01 05:00:00	5.852	18.972	0.355	6.870	12.080	0.000	0.007
EAS-US	2025-12-01 06:00:00	5.864	18.984	0.351	6.870	12.064	0.000	0.007
EAS-US	2025-12-01 07:00:00	-	-	-	-	-	-	-
EAS-US	2025-12-01 08:00:00	5.911	18.873	0.356	6.807	12.049	0.000	0.007
EAS-US	2025-12-01 09:00:00	5.946	18.846	0.360	6.837	12.045	0.000	0.007
EAS-US	2025-12-01 10:00:00	6.024	18.759	0.352	6.858	12.055	0.000	0.007
EAS-US	2025-12-01 11:00:00	6.126	18.718	0.351	6.945	12.030	0.000	0.007
EAS-US	2025-12-01 12:00:00	-	-	0.350	6.900	11.983	0.000	-
EAS-US	2025-12-01 13:00:00	6.184	19.336	0.350	6.908	11.952	0.000	0.008
EAS-US	2025-12-01 14:00:00	6.180	20.891	0.354	6.885	11.965	0.000	0.008
EAS-US	2025-12-01 15:00:00	6.205	20.575	0.351	6.965	11.937	0.000	0.008
EAS-US	2025-12-01 16:00:00	6.198	20.523	0.351	6.897	11.938	0.000	0.008
EAS-US	2025-12-01 17:00:00	6.178	20.408	0.352	6.958	11.915	0.000	0.008
EAS-US	2025-12-01 18:00:00	6.180	20.290	0.355	6.876	11.919	0.000	0.008
EAS-US	2025-12-01 19:00:00	6.196	20.256	0.357	6.905	11.924	0.000	0.008
EAS-US	2025-12-01 20:00:00	-	-	-	-	-	-	-
EAS-US	2025-12-01 21:00:00	6.192	20.310	0.358	6.927	11.919	0.000	0.008
EAS-US	2025-12-01 22:00:00	6.171	20.604	0.360	6.834	11.922	0.000	0.008
EAS-US	2025-12-01 23:00:00	-	-	0.362	6.851	11.941	0.000	-
EAS-US	2025-12-02 00:00:00	6.146	21.120	0.358	6.896	11.933	0.000	0.008
EAS-US	2025-12-02 01:00:00	6.130	21.084	0.359	6.918	11.931	0.000	0.008
EAS-US	2025-12-02 02:00:00	6.117	21.030	0.355	6.935	11.931	0.000	0.008
EAS-US	2025-12-02 03:00:00	6.111	20.959	0.358	6.905	11.938	0.000	0.008
EAS-US	2025-12-02 04:00:00	6.097	20.814	0.359	6.890	11.953	0.000	0.008
EAS-US	2025-12-02 05:00:00	6.109	20.723	0.360	6.893	11.947	0.000	0.008
EAS-US	2025-12-02 06:00:00	6.118	20.594	0.360	6.892	11.960	0.000	0.008
EAS-US	2025-12-02 07:00:00	6.115	20.509	0.364	6.875	11.951	0.000	0.008
EAS-US	2025-12-02 08:00:00	6.111	22.411	0.362	6.895	11.975	0.000	0.009
EAS-US	2025-12-02 09:00:00	6.161	21.559	0.358	6.929	11.989	0.000	0.009
EAS-US	2025-12-02 10:00:00	6.348	21.171	0.358	6.937	11.966	0.000	0.008
EAS-US	2025-12-02 11:00:00	6.455	20.810	0.361	6.861	11.919	0.000	0.008

Woodfibre LNG (East Creek)								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-US	2025-12-02 12:00:00	6.724	20.523	0.353	6.942	11.847	0.000	0.008
EAS-US	2025-12-02 13:00:00	6.891	20.179	0.355	6.934	11.803	0.000	0.008
EAS-US	2025-12-02 14:00:00	6.899	19.939	0.355	6.866	11.776	0.000	0.008
EAS-US	2025-12-02 15:00:00	6.908	19.892	0.356	6.893	11.766	0.000	0.008
EAS-US	2025-12-02 16:00:00	6.856	19.865	0.356	6.858	11.762	0.000	0.008
EAS-US	2025-12-02 17:00:00	6.802	19.901	0.358	6.885	11.789	0.000	0.008
EAS-US	2025-12-02 18:00:00	6.787	19.890	0.360	6.846	11.790	0.000	0.008
EAS-US	2025-12-02 19:00:00	6.754	19.912	0.361	6.878	11.818	0.000	0.008
EAS-US	2025-12-02 20:00:00	6.715	19.916	0.359	6.872	11.816	0.000	0.008
EAS-US	2025-12-02 21:00:00	6.665	19.853	0.365	6.817	11.836	0.000	0.008
EAS-US	2025-12-02 22:00:00	6.627	19.815	0.361	6.843	11.850	0.000	0.008
EAS-US	2025-12-02 23:00:00	6.610	19.779	0.363	6.889	11.866	0.000	0.008
EAS-US	2025-12-03 00:00:00	6.588	19.745	0.363	6.851	11.842	0.000	0.008
EAS-US	2025-12-03 01:00:00	6.548	19.694	0.365	6.854	11.857	0.000	0.008
EAS-US	2025-12-03 02:00:00	6.504	19.628	0.363	6.853	11.890	0.000	0.008
EAS-US	2025-12-03 03:00:00	6.505	19.606	0.365	6.830	11.886	0.000	0.008
EAS-US	2025-12-03 04:00:00	-	-	0.364	6.847	11.881	0.000	-
EAS-US	2025-12-03 05:00:00	6.452	19.561	0.365	6.830	11.890	0.000	0.008
EAS-US	2025-12-03 06:00:00	6.438	19.583	0.363	6.864	11.894	0.000	0.008
EAS-US	2025-12-03 07:00:00	6.407	19.777	0.362	6.901	11.899	0.000	0.008
EAS-US	2025-12-03 08:00:00	6.385	20.025	0.366	6.846	11.913	0.000	0.008
EAS-US	2025-12-03 09:00:00	6.404	19.886	0.366	6.858	11.928	0.000	0.008
EAS-US	2025-12-03 10:00:00	6.440	19.710	0.368	6.841	11.924	0.000	0.008
EAS-US	2025-12-03 11:00:00	6.486	19.624	0.368	6.840	11.930	0.000	0.008
EAS-US	2025-12-03 12:00:00	6.543	19.563	0.368	6.822	11.905	0.000	0.008
EAS-US	2025-12-03 13:00:00	6.589	19.540	0.368	6.845	11.896	0.000	0.008
EAS-US	2025-12-03 14:00:00	6.663	19.490	0.367	6.870	11.878	0.000	0.008
EAS-US	2025-12-03 15:00:00	6.670	19.454	0.366	6.896	11.828	0.000	0.008
EAS-US	2025-12-03 16:00:00	6.690	19.430	0.371	6.829	11.815	0.000	0.008
EAS-US	2025-12-03 17:00:00	6.668	19.447	0.368	6.853	11.814	0.000	0.008
EAS-US	2025-12-03 18:00:00	6.665	19.441	0.370	6.848	11.804	0.000	0.008
EAS-US	2025-12-03 19:00:00	6.668	19.410	0.356	6.875	11.825	0.000	0.008
EAS-US	2025-12-03 20:00:00	6.672	19.397	0.329	6.855	11.809	0.000	0.008
EAS-US	2025-12-03 21:00:00	6.677	19.395	0.332	6.827	11.815	0.000	0.008
EAS-US	2025-12-03 22:00:00	6.676	19.414	0.328	6.831	11.809	0.000	0.008
EAS-US	2025-12-03 23:00:00	6.671	19.432	0.328	6.879	11.810	0.000	0.008
EAS-US	2025-12-04 00:00:00	6.656	19.830	0.330	6.820	11.814	0.000	0.008
EAS-US	2025-12-04 01:00:00	6.647	21.608	0.328	6.905	11.810	0.000	0.009
EAS-US	2025-12-04 02:00:00	6.640	22.119	0.327	6.901	11.821	0.000	0.009
EAS-US	2025-12-04 03:00:00	6.628	22.682	0.328	6.939	11.823	0.000	0.009
EAS-US	2025-12-04 04:00:00	-	-	0.322	6.968	11.828	0.000	-
EAS-US	2025-12-04 05:00:00	6.600	24.073	0.327	6.954	11.829	0.000	0.010
EAS-US	2025-12-04 06:00:00	6.579	24.759	0.325	6.992	11.828	0.000	0.010
EAS-US	2025-12-04 07:00:00	6.564	25.687	0.325	7.037	11.826	0.000	0.011
EAS-US	2025-12-04 08:00:00	6.543	27.046	0.323	7.025	11.838	2.042	0.011
EAS-US	2025-12-04 09:00:00	6.514	29.884	0.324	7.065	11.863	1.625	0.013
EAS-US	2025-12-04 10:00:00	6.532	32.417	0.320	7.170	11.863	3.198	0.014
EAS-US	2025-12-04 11:00:00	6.566	33.646	0.319	7.167	11.862	4.430	0.014
EAS-US	2025-12-04 12:00:00	6.622	33.814	0.319	7.162	11.850	3.354	0.014
EAS-US	2025-12-04 13:00:00	6.655	32.565	0.320	7.177	11.824	2.456	0.014
EAS-US	2025-12-04 14:00:00	6.682	31.634	0.323	7.123	11.817	1.611	0.013

Woodfibre LNG (East Creek)								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-US	2025-12-04 15:00:00	6.732	30.244	0.326	7.110	11.796	0.758	0.013
EAS-US	2025-12-04 16:00:00	6.719	29.048	0.324	7.119	11.779	1.091	0.012
EAS-US	2025-12-04 17:00:00	6.702	28.093	0.325	7.102	11.773	0.355	0.012
EAS-US	2025-12-04 18:00:00	-	-	0.326	7.095	11.767	0.000	-
EAS-US	2025-12-04 19:00:00	6.708	26.417	0.332	7.018	11.775	0.000	0.011
EAS-US	2025-12-04 20:00:00	6.713	25.520	0.330	7.021	11.781	0.000	0.010
EAS-US	2025-12-04 21:00:00	6.724	24.760	0.332	6.970	11.775	0.000	0.010
EAS-US	2025-12-04 22:00:00	6.733	24.146	0.333	6.955	11.756	0.000	0.010
EAS-US	2025-12-04 23:00:00	6.724	23.653	0.335	6.956	11.764	0.000	0.010
EAS-US	2025-12-05 00:00:00	6.708	23.264	0.335	6.917	11.741	0.000	0.009
EAS-US	2025-12-05 01:00:00	6.697	22.898	0.339	6.911	11.748	0.000	0.009
EAS-US	2025-12-05 02:00:00	6.703	22.556	0.333	6.902	11.739	0.000	0.009
EAS-US	2025-12-05 03:00:00	6.697	22.333	0.337	6.913	11.737	0.000	0.009
EAS-US	2025-12-05 04:00:00	6.686	22.096	0.335	6.909	11.716	0.000	0.009
EAS-US	2025-12-05 05:00:00	6.675	21.963	0.340	6.856	11.705	0.000	0.009
EAS-US	2025-12-05 06:00:00	6.667	23.283	0.337	6.930	11.690	0.000	0.009
EAS-US	2025-12-05 07:00:00	6.625	26.841	0.334	7.025	11.695	1.278	0.011
EAS-US	2025-12-05 08:00:00	6.572	35.106	0.328	7.123	11.695	11.870	0.015
EAS-US	2025-12-05 09:00:00	6.457	56.308	0.315	7.384	11.739	51.074	0.025
EAS-US	2025-12-05 10:00:00	6.519	72.817	0.305	7.561	11.728	26.226	0.033
EAS-US	2025-12-05 11:00:00	6.607	66.234	0.305	7.539	11.686	18.374	0.030
EAS-US	2025-12-05 12:00:00	6.645	55.214	0.309	7.450	11.649	11.268	0.025
EAS-US	2025-12-05 13:00:00	6.679	50.831	0.312	7.396	11.632	13.148	0.023
EAS-US	2025-12-05 14:00:00	6.705	47.095	0.316	7.346	11.615	6.098	0.021
EAS-US	2025-12-05 15:00:00	6.743	43.970	0.318	7.294	11.584	5.723	0.019
EAS-US	2025-12-05 16:00:00	6.771	40.866	0.314	7.285	11.557	5.543	0.018
EAS-US	2025-12-05 17:00:00	6.778	38.663	0.316	7.288	11.544	1.416	0.017
EAS-US	2025-12-05 18:00:00	6.772	38.627	0.318	7.208	11.541	1.763	0.017
EAS-US	2025-12-05 19:00:00	-	-	0.320	7.244	11.549	5.142	-
EAS-US	2025-12-05 20:00:00	6.753	48.825	0.313	7.325	11.544	3.344	0.022
EAS-US	2025-12-05 21:00:00	6.760	49.732	0.312	7.347	11.549	3.930	0.022
EAS-US	2025-12-05 22:00:00	6.760	50.643	0.309	7.363	11.562	4.105	0.022
EAS-US	2025-12-05 23:00:00	6.783	49.413	0.311	7.346	11.551	3.288	0.022
EAS-US	2025-12-06 00:00:00	6.811	43.639	0.311	7.270	11.546	0.310	0.019
EAS-US	2025-12-06 01:00:00	6.830	40.252	0.315	7.265	11.551	0.156	0.017
EAS-US	2025-12-06 02:00:00	6.859	37.952	0.315	7.172	11.536	0.162	0.016
EAS-US	2025-12-06 03:00:00	6.885	37.432	0.319	7.135	11.545	0.124	0.016
EAS-US	2025-12-06 04:00:00	6.903	38.827	0.314	7.214	11.545	1.225	0.017
EAS-US	2025-12-06 05:00:00	6.902	48.495	0.313	7.307	11.568	4.658	0.021
EAS-US	2025-12-06 06:00:00	6.991	52.590	0.307	7.342	11.560	2.221	0.023
EAS-US	2025-12-06 07:00:00	7.111	47.731	0.301	7.332	11.544	1.798	0.021
EAS-US	2025-12-06 08:00:00	7.254	42.726	0.297	7.247	11.497	1.005	0.019
EAS-US	2025-12-06 09:00:00	7.368	37.543	0.306	7.192	11.478	0.805	0.016
EAS-US	2025-12-06 10:00:00	7.534	34.124	0.308	7.173	11.439	0.420	0.015
EAS-US	2025-12-06 11:00:00	7.640	31.259	0.318	7.095	11.422	0.000	0.013
EAS-US	2025-12-06 12:00:00	7.743	29.157	0.319	7.031	11.384	0.000	0.012
EAS-US	2025-12-06 13:00:00	7.771	27.828	0.326	7.007	11.385	0.000	0.012
EAS-US	2025-12-06 14:00:00	7.772	32.177	0.317	7.076	11.386	1.974	0.014
EAS-US	2025-12-06 15:00:00	7.766	34.326	0.319	7.137	11.389	2.432	0.015
EAS-US	2025-12-06 16:00:00	7.755	36.566	0.316	7.147	11.383	2.263	0.016
EAS-US	2025-12-06 17:00:00	7.683	34.515	0.321	7.158	11.417	0.882	0.015

Woodfibre LNG (East Creek)								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-US	2025-12-06 18:00:00	7.652	32.071	0.324	7.070	11.412	0.720	0.014
EAS-US	2025-12-06 19:00:00	-	-	0.333	7.009	11.409	0.213	-
EAS-US	2025-12-06 20:00:00	7.680	28.807	0.331	6.999	11.425	0.000	0.012
EAS-US	2025-12-06 21:00:00	7.694	28.906	0.342	6.923	11.414	0.000	0.012
EAS-US	2025-12-06 22:00:00	7.686	28.009	0.335	7.049	11.426	0.000	0.012
EAS-US	2025-12-06 23:00:00	7.682	27.352	0.340	6.961	11.419	0.000	0.011
EAS-US	2025-12-07 00:00:00	7.696	27.136	0.334	6.980	11.414	0.000	0.011
EAS-US	2025-12-07 01:00:00	7.695	28.120	0.341	6.989	11.415	0.000	0.012
EAS-US	2025-12-07 02:00:00	7.695	28.196	0.342	6.957	11.395	0.000	0.012
EAS-US	2025-12-07 03:00:00	7.692	27.848	0.343	6.942	11.388	0.000	0.012
EAS-US	2025-12-07 04:00:00	7.656	29.047	0.338	7.016	11.384	0.000	0.012
EAS-US	2025-12-07 05:00:00	7.660	31.383	0.340	7.072	11.371	0.919	0.013
EAS-US	2025-12-07 06:00:00	7.620	40.405	0.330	7.176	11.387	9.844	0.018
EAS-US	2025-12-07 07:00:00	7.567	67.399	0.314	7.517	11.409	24.765	0.031
EAS-US	2025-12-07 08:00:00	7.471	87.461	0.292	7.655	11.466	38.371	0.040
EAS-US	2025-12-07 09:00:00	7.536	83.720	0.292	7.665	11.455	24.939	0.038
EAS-US	2025-12-07 10:00:00	7.622	71.254	0.295	7.550	11.422	10.641	0.032
EAS-US	2025-12-07 11:00:00	7.680	58.698	0.307	7.441	11.420	13.184	0.026
EAS-US	2025-12-07 12:00:00	7.797	59.173	0.307	7.418	11.390	8.565	0.027
EAS-US	2025-12-07 13:00:00	7.862	50.796	0.317	7.331	11.374	6.543	0.023
EAS-US	2025-12-07 14:00:00	7.941	42.416	0.325	7.175	11.363	2.968	0.019
EAS-US	2025-12-07 15:00:00	7.983	38.912	0.328	7.223	11.336	1.457	0.017
EAS-US	2025-12-07 16:00:00	8.019	36.952	0.333	7.153	11.317	1.357	0.016
EAS-US	2025-12-07 17:00:00	8.032	35.695	0.333	7.186	11.327	1.488	0.015
EAS-US	2025-12-07 18:00:00	8.043	34.094	0.339	7.053	11.326	0.413	0.015
EAS-US	2025-12-07 19:00:00	8.067	32.967	0.336	7.142	11.332	3.316	0.014
EAS-US	2025-12-07 20:00:00	8.020	30.715	0.343	7.056	11.353	0.483	0.013
EAS-US	2025-12-07 21:00:00	7.959	28.964	0.342	7.099	11.386	0.000	0.012
EAS-US	2025-12-07 22:00:00	7.942	27.653	0.345	7.038	11.385	0.000	0.012
EAS-US	2025-12-07 23:00:00	7.914	26.725	0.349	6.983	11.379	0.000	0.011



# Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

## Location Information

Site ID: WLNG (EAS) DS Date: December 2, 2025  
Site Name: East Creek Time: 10:01  
Site UTM: Zone: E: \_\_\_\_\_ Crew: HM  
(NAD83) N: \_\_\_\_\_ Weather: Sun/Cloud

## In Situ Parameters

pH: 7.47 DO: 13.46 (mg/L)  
Temp.: 9 (°C) Cond: 130.5 (us)  
Turbidity: 5.71 NTU Salinity: 0.06 (ppt)  
Visible Sheen: N ORP: 10.7 (mV)  
Water Surface Condition: Foamy

## Photo Record

Photo



## Observations

build up of sediment on creek bed.

# Water Quality Field Data Sheet



Project: FORTIS11234

## Location Information

Site ID: WLNG (EAS) US Date: December 2, 2025  
Site Name: East Creek Time: 9:09  
Site UTM: Zone: E: \_\_\_\_\_ Crew: HM  
(NAD83) N: \_\_\_\_\_ Weather: Sun/Cloud

## In Situ Parameters

pH: 8.08 DO: 11.99 (mg/L)  
Temp.: 7.5 (°C) Cond: 70.7 (us)  
Turbidity: 0 NTU Salinity: 0.03 (ppt)  
Visible Sheen: None ORP: -14.5 (mV)  
Water Surface Condition: Clear

## Photo Record

Photo



## Observations

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 <b>Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report</b>	Reporting Week	Dec 1 <sup>st</sup> to Dec 7 <sup>th</sup> , 2025
	Report #	89
	Appendix E	E-1

## Appendix E: Lab Documentation



Your P.O. #: 4800010213  
 Your Project #: FORTIS11234/PE-110163  
 Site Location: WOODFIBRE PIPELINE PROJECT  
 Your C.O.C. #: 119514

**Attention: Saeesh Mangwani**

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

**Report Date: 2025/12/16**  
 Report #: R3743342  
 Version: 2 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C598220**

**Received: 2025/12/02, 17:33**

Sample Matrix: Water  
 # Samples Received: 9

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	9	N/A	2025/12/04	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	9	N/A	2025/12/04	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	9	N/A	2025/12/10		
Total Hexavalent Chromium	9	N/A	2025/12/10	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	9	N/A	2025/12/08	BBY6SOP-00053	SM 24 5310 B m
Fluoride	9	N/A	2025/12/05	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	3	N/A	2025/12/09	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	9	N/A	2025/12/08		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	7	N/A	2025/12/08	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	9	N/A	2025/12/08	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	9	N/A	2025/12/05	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	9	2025/12/08	2025/12/08	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	9	2025/12/05	2025/12/05	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	9	N/A	2025/12/09	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	2	2025/12/05	2025/12/05	BBY8SOP-00029	BCMOE BCLM Sep2017 m
EPH in Water when PAH required	1	2025/12/05	2025/12/06	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	9	N/A	2025/12/05	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	9	N/A	2025/12/04	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	2	2025/12/05	2025/12/05	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	9	N/A	2025/12/08	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	7	N/A	2025/12/05	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	9	N/A	2025/12/05	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	9	N/A	2025/12/04	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	9	N/A	2025/12/04	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	9	N/A	2025/12/04	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	9	N/A	2025/12/04	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	3	2025/12/05	2025/12/06	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	3	N/A	2025/12/08	BBY WI-00033	Auto Calc
pH @25°C (6)	9	N/A	2025/12/04	BBY6SOP-00026	SM 24 4500-H+ B m



Your P.O. #: 4800010213  
 Your Project #: FORTIS11234/PE-110163  
 Site Location: WOODFIBRE PIPELINE PROJECT  
 Your C.O.C. #: 119514

**Attention: Saeesh Mangwani**

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

**Report Date: 2025/12/16**  
 Report #: R3743342  
 Version: 2 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C598220**

**Received: 2025/12/02, 17:33**

Sample Matrix: Water  
 # Samples Received: 9

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Phenols (4-AAP) (1)	3	N/A	2025/12/08	AB SOP-00088	EPA 9066 R0 m
Rainbow Trout LC50 Multi-concentration	2	N/A	2025/12/04	BBY2SOP-00004	EPS1/RM/13(2nd)&RM/9
Total Sulphide (1)	9	2025/12/08	2025/12/08	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	9	2025/12/04	2025/12/05	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	3	N/A	2025/12/08	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	9	N/A	2025/12/08	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	9	2025/12/05	2025/12/05	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	7	2025/12/04	2025/12/05	BBY6SOP-00034	SM 24 2540 D m
Total Suspended Solids (NFR)	2	2025/12/05	2025/12/06	BBY6SOP-00034	SM 24 2540 D m
Field pH	7	N/A	2025/12/03	Field Test	Field Test
Field Temperature	7	N/A	2025/12/03	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	3	N/A	2025/12/05	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	3	N/A	2025/12/08	BBY WI-00033	Auto Calc

**Remarks:**

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

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

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

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



Your P.O. #: 4800010213  
Your Project #: FORTIS11234/PE-110163  
Site Location: WOODFIBRE PIPELINE PROJECT  
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**Attention: Saeesh Mangwani**

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Canada V7P 0A3

**Report Date: 2025/12/16**  
Report #: R3743342  
Version: 2 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C598220**

**Received: 2025/12/02, 17:33**

dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested. This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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

- (1) This test was performed by Bureau Veritas Calgary, 4000 - 19 St. , Calgary, AB, T2E 6P8
- (2) DOC present in the sample should be considered as non-purgeable DOC. Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
- (3) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
- (4) Samples were filtered and preserved at the lab. Values may not reflect concentrations at the time of sampling.  
For Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
- (5) Total PAHs in Water include: Quinoline, Naphthalene, 1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Acridine, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b&j)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, and Benzo(g,h,i)perylene.
- (6) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavours to analyze samples as soon as possible after receipt.
- (7) LEPH = EPH (C10 to C19) - (Acenaphthene + Acridine + Anthracene + Fluorene + Naphthalene + Phenanthrene)  
HEPH = EPH (C19 to C32) - (Benzo(a)anthracene + Benzo(a)pyrene + Fluoranthene + Pyrene)
- (8) TOC present in the sample should be considered as non-purgeable TOC.
- (9) VPH = VH - (Benzene + Toluene + Ethylbenzene + m & p-Xylene + o-Xylene + Styrene)

**Encryption Key**

Please direct all questions regarding this Certificate of Analysis to:

Levi Manchak, Project Manager SR  
Email: Levi.MANCHAK@bureauveritas.com  
Phone# (780)862-5634

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



BUREAU  
VERITAS

Bureau Veritas Job #: C598220

Report Date: 2025/12/16

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		DYA735			DYA735			DYA746		
Sampling Date		2025/12/02			2025/12/02			2025/12/02		
COC Number		119514			119514			119514		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch

#### ANIONS

Nitrite (N)	mg/L	ND	0.0050	C183298				ND	0.0050	C183298
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#### Calculated Parameters

Total Chromium III	mg/L	ND	0.00099	C182545				ND	0.00099	C182545
Dissolved Hardness (CaCO3)	mg/L	36.1	0.50	C181974				62.4	0.50	C181974
Total Hardness (CaCO3)	mg/L	31.7	0.50	C181835				61.0	0.50	C181835
Nitrate (N)	mg/L	ND	0.020	C181881				ND	0.020	C181881
Sulphide (as H2S)	mg/L	ND	0.0020	C181647				ND	0.0020	C181647

#### Field Parameters

Field pH	pH	7.47	N/A	ONSITE				7.21	N/A	ONSITE
Field Temperature	°C	9	N/A	ONSITE				10.4	N/A	ONSITE

#### Misc. Inorganics

pH	pH	6.66	N/A	C183304				6.99	N/A	C183304
Total Organic Carbon (C)	mg/L	1.6	0.50	C184273				1.0	0.50	C184273
Total Dissolved Solids	mg/L	64	10	C183619				100	10	C183628
Total Suspended Solids	mg/L	5.2	1.0	C183745				3.6	1.0	C184461

#### Lab Filtered Inorganics

Dissolved Organic Carbon (C)	mg/L	1.3	0.50	C184655				0.93	0.50	C184655
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#### Anions

Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C183299				ND	1.0	C183299
Alkalinity (Total as CaCO3)	mg/L	32	1.0	C183299				54	1.0	C183299
Bicarbonate (HCO3)	mg/L	38	1.0	C183299				66	1.0	C183299
Carbonate (CO3)	mg/L	ND	1.0	C183299				ND	1.0	C183299
Fluoride (F)	mg/L	0.17	0.050	C184484				0.32	0.050	C184484
Hydroxide (OH)	mg/L	ND	1.0	C183299				ND	1.0	C183299
Total Sulphide	mg/L	ND	0.0018	C185828				ND	0.0018	C185828
Chloride (Cl)	mg/L	3.7	1.0	C183395				6.9	1.0	C183395
Sulphate (SO4)	mg/L	6.6	1.0	C183395				11	1.0	C183395

#### Metals

Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C188269	ND	0.00099	C188269	ND	0.00099	C188269
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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

Bureau Veritas Job #: C598220

Report Date: 2025/12/16

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		DYA735			DYA735			DYA746		
Sampling Date		2025/12/02			2025/12/02			2025/12/02		
COC Number		119514			119514			119514		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
<b>Nutrients</b>										
Total Ammonia (N)	mg/L	ND	0.015	C183784				ND	0.015	C183784
Total Phosphorus (P)	mg/L	0.016	0.0010	C184438				0.0020	0.0010	C184438
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C183295				ND	0.020	C183295
Total Nitrogen (N)	mg/L	0.119	0.020	C183098				0.130	0.020	C183098
<b>Misc. Organics</b>										
Phenols	mg/L							ND	0.0015	C185723
<b>Rainbow Trout</b>										
LC50	% vol/vol							ATTACHED	N/A	C184009
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										



**RESULTS OF CHEMICAL ANALYSES OF WATER**

Bureau Veritas ID		DYA747		DYA748			DYA748		
Sampling Date		2025/12/02		2025/12/02			2025/12/02		
COC Number		119514		119514			119514		
	UNITS	WLNG-US	QC Batch	SQRI-US	RDL	QC Batch	SQRI-US Lab-Dup	RDL	QC Batch
<b>ANIONS</b>									
Nitrite (N)	mg/L	ND	C183298	ND	0.0050	C183298			
<b>Calculated Parameters</b>									
Total Chromium III	mg/L	ND	C182545	ND	0.00099	C182545			
Dissolved Hardness (CaCO3)	mg/L	6.95	C181974	22.7	0.50	C181974			
Total Hardness (CaCO3)	mg/L	6.83	C181835	21.8	0.50	C181835			
Nitrate (N)	mg/L	0.046	C181881	0.132	0.020	C181881			
Sulphide (as H2S)	mg/L	ND	C181647	ND	0.0020	C181647			
<b>Field Parameters</b>									
Field pH	pH	8.08	ONSITE	7.48	N/A	ONSITE			
Field Temperature	°C	7.5	ONSITE	5.9	N/A	ONSITE			
<b>Misc. Inorganics</b>									
pH	pH	6.24	C183304	6.43	N/A	C183304			
Total Organic Carbon (C)	mg/L	1.9	C184273	1.1	0.50	C184273			
Total Dissolved Solids	mg/L	44	C183619	48	10	C183619			
Total Suspended Solids	mg/L	ND	C184461	55	1.0	C183745			
<b>Lab Filtered Inorganics</b>									
Dissolved Organic Carbon (C)	mg/L	2.0	C184655	1.1	0.50	C184655			
<b>Anions</b>									
Alkalinity (PP as CaCO3)	mg/L	ND	C183299	ND	1.0	C183299			
Alkalinity (Total as CaCO3)	mg/L	5.6	C183299	18	1.0	C183299			
Bicarbonate (HCO3)	mg/L	6.8	C183299	22	1.0	C183299			
Carbonate (CO3)	mg/L	ND	C183299	ND	1.0	C183299			
Fluoride (F)	mg/L	ND	C184484	ND	0.050	C184589			
Hydroxide (OH)	mg/L	ND	C183299	ND	1.0	C183299			
Total Sulphide	mg/L	ND	C185828	ND	0.0018	C185828			
Chloride (Cl)	mg/L	ND	C183395	1.9	1.0	C183395			
Sulphate (SO4)	mg/L	1.1	C183395	5.5	1.0	C183395			
<b>Metals</b>									
Total Hex. Chromium (Cr 6+)	mg/L	ND	C188269	ND	0.00099	C188269			
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 Job #: C598220  
 Report Date: 2025/12/16

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		DYA747		DYA748			DYA748		
Sampling Date		2025/12/02		2025/12/02			2025/12/02		
COC Number		119514		119514			119514		
	UNITS	WLNG-US	QC Batch	SQRI-US	RDL	QC Batch	SQRI-US Lab-Dup	RDL	QC Batch
<b>Nutrients</b>									
Total Ammonia (N)	mg/L	ND	C183784	0.041	0.015	C183787	0.034	0.015	C183787
Total Phosphorus (P)	mg/L	0.061	C184438	0.031	0.0010	C184438			
Nitrate plus Nitrite (N)	mg/L	0.046	C183295	0.132	0.020	C183295			
Total Nitrogen (N)	mg/L	0.085	C183098	0.189	0.020	C183098			
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.									



**RESULTS OF CHEMICAL ANALYSES OF WATER**

Bureau Veritas ID		DYA749			DYA750			DYA750		
Sampling Date		2025/12/02			2025/12/02			2025/12/02		
COC Number		119514			119514			119514		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
<b>ANIONS</b>										
Nitrite (N)	mg/L	ND	0.0050	C183298	ND	0.0050	C183298			
<b>Calculated Parameters</b>										
Total Chromium III	mg/L	ND	0.00099	C182545	ND	0.00099	C182545			
Dissolved Hardness (CaCO3)	mg/L	22.0	0.50	C181974	ND	0.50	C181974			
Total Hardness (CaCO3)	mg/L	20.0	0.50	C181835	ND	0.50	C181835			
Nitrate (N)	mg/L	0.082	0.020	C181881	ND	0.020	C181881			
Sulphide (as H2S)	mg/L	ND	0.0020	C181647	ND	0.0020	C181647			
<b>Field Parameters</b>										
Field pH	pH	7.15	N/A	ONSITE						
Field Temperature	°C	5.6	N/A	ONSITE						
<b>Misc. Inorganics</b>										
pH	pH	6.46	N/A	C183304	5.86	N/A	C183304			
Total Organic Carbon (C)	mg/L	1.1	0.50	C184273	ND	0.50	C184273			
Total Dissolved Solids	mg/L	48	10	C183619	ND	10	C183619			
Total Suspended Solids	mg/L	2.0	1.0	C183745	ND	1.0	C183745			
<b>Lab Filtered Inorganics</b>										
Dissolved Organic Carbon (C)	mg/L	1.1	0.50	C184655	ND	0.50	C184655			
<b>Anions</b>										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C183299	ND	1.0	C183299			
Alkalinity (Total as CaCO3)	mg/L	21	1.0	C183299	ND	1.0	C183299			
Bicarbonate (HCO3)	mg/L	26	1.0	C183299	ND	1.0	C183299			
Carbonate (CO3)	mg/L	ND	1.0	C183299	ND	1.0	C183299			
Fluoride (F)	mg/L	ND	0.050	C184484	ND	0.050	C184524			
Hydroxide (OH)	mg/L	ND	1.0	C183299	ND	1.0	C183299			
Total Sulphide	mg/L	ND	0.0018	C185828	ND	0.0018	C185828			
Chloride (Cl)	mg/L	1.7	1.0	C183395	ND	1.0	C183396	ND	1.0	C183396
Sulphate (SO4)	mg/L	5.4	1.0	C183395	ND	1.0	C183396	ND	1.0	C183396
<b>Metals</b>										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C188269	ND	0.00099	C188269			
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 Job #: C598220  
 Report Date: 2025/12/16

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		DYA749			DYA750			DYA750		
Sampling Date		2025/12/02			2025/12/02			2025/12/02		
COC Number		119514			119514			119514		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
<b>Nutrients</b>										
Total Ammonia (N)	mg/L	0.038	0.015	C183787	ND	0.015	C183787			
Total Phosphorus (P)	mg/L	0.015	0.0010	C184438	ND	0.0010	C184438	0.0013	0.0010	C184438
Nitrate plus Nitrite (N)	mg/L	0.082	0.020	C183295	ND	0.020	C183295			
Total Nitrogen (N)	mg/L	0.144	0.020	C183098	ND	0.020	C183098	ND	0.020	C183098
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

Bureau Veritas Job #: C598220  
Report Date: 2025/12/16

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		DYA751			DYA752			DYA752		
Sampling Date		2025/12/02			2025/12/02			2025/12/02		
COC Number		119514			119514			119514		
	UNITS	Trip Blank	RDL	QC Batch	DUP	RDL	QC Batch	DUP Lab-Dup	RDL	QC Batch
<b>ANIONS</b>										
Nitrite (N)	mg/L	ND	0.0050	C183298	ND	0.0050	C183298			
<b>Calculated Parameters</b>										
Total Chromium III	mg/L	ND	0.00099	C182545	ND	0.00099	C182545			
Dissolved Hardness (CaCO3)	mg/L	ND	0.50	C181974	63.3	0.50	C181974			
Total Hardness (CaCO3)	mg/L	ND	0.50	C181835	61.4	0.50	C181835			
Nitrate (N)	mg/L	ND	0.020	C181881	ND	0.020	C181881			
Sulphide (as H2S)	mg/L	ND	0.0020	C181647	ND	0.0020	C181647			
<b>Field Parameters</b>										
Field pH	pH				7.21	N/A	ONSITE			
Field Temperature	°C				10.4	N/A	ONSITE			
<b>Misc. Inorganics</b>										
pH	pH	5.61	N/A	C183304	7.02	N/A	C183304			
Total Organic Carbon (C)	mg/L	ND	0.50	C184273	1.1	0.50	C184273			
Total Dissolved Solids	mg/L	ND	10	C183619	100	10	C183748			
Total Suspended Solids	mg/L	ND	1.0	C183745	3.2	1.0	C183745	3.2	1.0	C183745
<b>Lab Filtered Inorganics</b>										
Dissolved Organic Carbon (C)	mg/L	ND	0.50	C184655	0.97	0.50	C184655			
<b>Anions</b>										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C183299	ND	1.0	C183299			
Alkalinity (Total as CaCO3)	mg/L	ND	1.0	C183299	53	1.0	C183299			
Bicarbonate (HCO3)	mg/L	ND	1.0	C183299	64	1.0	C183299			
Carbonate (CO3)	mg/L	ND	1.0	C183299	ND	1.0	C183299			
Fluoride (F)	mg/L	ND	0.050	C184524	0.32	0.050	C184589	0.32	0.050	C184589
Hydroxide (OH)	mg/L	ND	1.0	C183299	ND	1.0	C183299			
Total Sulphide	mg/L	ND	0.0018	C185828	ND	0.0018	C185828			
Chloride (Cl)	mg/L	ND	1.0	C183396	7.4	1.0	C183395			
Sulphate (SO4)	mg/L	ND	1.0	C183396	11	1.0	C183395			
<b>Metals</b>										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C188269	ND	0.00099	C188269			
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										



**RESULTS OF CHEMICAL ANALYSES OF WATER**

Bureau Veritas ID		DYA751			DYA752			DYA752		
Sampling Date		2025/12/02			2025/12/02			2025/12/02		
COC Number		119514			119514			119514		
	UNITS	Trip Blank	RDL	QC Batch	DUP	RDL	QC Batch	DUP Lab-Dup	RDL	QC Batch
<b>Nutrients</b>										
Total Ammonia (N)	mg/L	ND	0.015	C183787	ND	0.015	C183787			
Total Phosphorus (P)	mg/L	ND	0.0010	C184438	0.0028	0.0010	C184438			
Nitrate plus Nitrite (N)	mg/L	ND	0.020	C183295	ND	0.020	C183295			
Total Nitrogen (N)	mg/L	ND	0.020	C183098	0.122	0.020	C183098			
<b>Misc. Organics</b>										
Phenols	mg/L				ND	0.0015	C185723			
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										



**RESULTS OF CHEMICAL ANALYSES OF WATER**

Bureau Veritas ID		DYA753		
Sampling Date		2025/12/02		
COC Number		119514		
	UNITS	BCR-EOP	RDL	QC Batch
<b>ANIONS</b>				
Nitrite (N)	mg/L	0.0380	0.0050	C183298
<b>Calculated Parameters</b>				
Total Chromium III	mg/L	ND	0.00099	C182545
Dissolved Hardness (CaCO3)	mg/L	217	0.50	C181974
Total Hardness (CaCO3)	mg/L	234	0.50	C181835
Nitrate (N)	mg/L	0.329	0.020	C181881
Sulphide (as H2S)	mg/L	ND	0.0020	C181647
<b>Field Parameters</b>				
Field pH	pH	6.82	N/A	ONSITE
Field Temperature	°C	5.2	N/A	ONSITE
<b>Misc. Inorganics</b>				
pH	pH	7.09	N/A	C183304
Total Organic Carbon (C)	mg/L	2.1	0.50	C184273
Total Dissolved Solids	mg/L	2200	10	C183748
Total Suspended Solids	mg/L	1.6	1.0	C183745
<b>Lab Filtered Inorganics</b>				
Dissolved Organic Carbon (C)	mg/L	2.1	0.50	C184655
<b>Anions</b>				
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C183299
Alkalinity (Total as CaCO3)	mg/L	52	1.0	C183299
Bicarbonate (HCO3)	mg/L	63	1.0	C183299
Carbonate (CO3)	mg/L	ND	1.0	C183299
Fluoride (F)	mg/L	0.21	0.050	C184524
Hydroxide (OH)	mg/L	ND	1.0	C183299
Total Sulphide	mg/L	ND	0.0018	C185828
Chloride (Cl)	mg/L	1200	25	C183395
Sulphate (SO4)	mg/L	98	1.0	C183395
<b>Metals</b>				
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C188269
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. N/A = Not Applicable				



**RESULTS OF CHEMICAL ANALYSES OF WATER**

<b>Bureau Veritas ID</b>		DYA753		
<b>Sampling Date</b>		2025/12/02		
<b>COC Number</b>		119514		
	<b>UNITS</b>	<b>BCR-EOP</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Nutrients</b>				
Total Ammonia (N)	mg/L	2.4	0.075	C183787
Total Phosphorus (P)	mg/L	0.027	0.0010	C184438
Nitrate plus Nitrite (N)	mg/L	0.367	0.020	C183295
Total Nitrogen (N)	mg/L	2.78	0.10	C183098
<b>Misc. Organics</b>				
Phenols	mg/L	ND	0.0015	C185723
<b>Rainbow Trout</b>				
LC50	% vol/vol	ATTACHED	N/A	C184009
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. N/A = Not Applicable				



Bureau Veritas Job #: C598220  
 Report Date: 2025/12/16

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

**GLYCOLS BY GC-FID (WATER)**

Bureau Veritas ID		DYA746	DYA752	DYA753		
Sampling Date		2025/12/02	2025/12/02	2025/12/02		
COC Number		119514	119514	119514		
	<b>UNITS</b>	<b>WLNG -EOP</b>	<b>DUP</b>	<b>BCR-EOP</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Glycols</b>						
Ethylene Glycol	mg/L	ND	ND	ND	3.0	C185858
Diethylene Glycol	mg/L	ND	ND	ND	5.0	C185858
Triethylene Glycol	mg/L	ND	ND	ND	5.0	C185858
Propylene Glycol	mg/L	ND	ND	ND	5.0	C185858
<b>Surrogate Recovery (%)</b>						
Methyl Sulfone (sur.)	%	107	98	109		C185858
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.						



**MERCURY BY COLD VAPOR (WATER)**

<b>Bureau Veritas ID</b>		DYA735			DYA735			DYA746	DYA747		
<b>Sampling Date</b>		2025/12/02			2025/12/02			2025/12/02	2025/12/02		
<b>COC Number</b>		119514			119514			119514	119514		
	<b>UNITS</b>	<b>WLNG-DS</b>	<b>RDL</b>	<b>QC Batch</b>	<b>WLNG-DS Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>	<b>WLNG -EOP</b>	<b>WLNG-US</b>	<b>RDL</b>	<b>QC Batch</b>

<b>Elements</b>											
Total Mercury (Hg)	ug/L	ND	0.0019	C185020	ND	0.0019	C185020	ND	0.0020	0.0019	C185020
<b>Lab Filtered Elements</b>											
Dissolved Mercury (Hg)	ug/L	ND	0.0019	C186185				ND	ND	0.0019	C186185
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.											

<b>Bureau Veritas ID</b>		DYA748		DYA749	DYA750	DYA751		DYA752		
<b>Sampling Date</b>		2025/12/02		2025/12/02	2025/12/02	2025/12/02		2025/12/02		
<b>COC Number</b>		119514		119514	119514	119514		119514		
	<b>UNITS</b>	<b>SQRI-US</b>	<b>QC Batch</b>	<b>SQRI-DS</b>	<b>Field Blank</b>	<b>Trip Blank</b>	<b>QC Batch</b>	<b>DUP</b>	<b>RDL</b>	<b>QC Batch</b>

<b>Elements</b>										
Total Mercury (Hg)	ug/L	ND	C184990	ND	ND	ND	C185020	ND	0.0019	C184990
<b>Lab Filtered Elements</b>										
Dissolved Mercury (Hg)	ug/L	ND	C186185	ND	ND	ND	C186185	ND	0.0019	C186185
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										

<b>Bureau Veritas ID</b>		DYA753		
<b>Sampling Date</b>		2025/12/02		
<b>COC Number</b>		119514		
	<b>UNITS</b>	<b>BCR-EOP</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Elements</b>				
Total Mercury (Hg)	ug/L	ND	0.0019	C184990
<b>Lab Filtered Elements</b>				
Dissolved Mercury (Hg)	ug/L	ND	0.0019	C186185
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



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VERITAS

Bureau Veritas Job #: C598220  
Report Date: 2025/12/16

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

### ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYA735			DYA735			DYA746	DYA747		
Sampling Date		2025/12/02			2025/12/02			2025/12/02	2025/12/02		
COC Number		119514			119514			119514	119514		
	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	C186680				ND	ND	0.010	C186680
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#### Dissolved Metals by ICPMS

Dissolved Calcium (Ca)	mg/L	13.4	0.050	C182215				23.3	2.25	0.050	C182215
Dissolved Magnesium (Mg)	mg/L	0.659	0.050	C182215				1.02	0.322	0.050	C182215
Dissolved Potassium (K)	mg/L	0.903	0.050	C182215				1.54	0.198	0.050	C182215
Dissolved Sodium (Na)	mg/L	3.52	0.050	C182215				5.79	1.28	0.050	C182215
Dissolved Sulphur (S)	mg/L	ND	3.0	C182215				3.5	ND	3.0	C182215

#### Lab Filtered Metals

Dissolved Aluminum (Al)	ug/L	59.8	0.50	C183166	60.1	0.50	C183166	36.7	61.1	0.50	C183166
Dissolved Antimony (Sb)	ug/L	0.264	0.020	C183166	0.266	0.020	C183166	0.487	0.029	0.020	C183166
Dissolved Arsenic (As)	ug/L	0.633	0.020	C183166	0.619	0.020	C183166	1.07	0.162	0.020	C183166
Dissolved Barium (Ba)	ug/L	4.52	0.020	C183166	4.61	0.020	C183166	3.97	2.74	0.020	C183166
Dissolved Beryllium (Be)	ug/L	ND	0.010	C183166	ND	0.010	C183166	ND	ND	0.010	C183166
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C183166	ND	0.0050	C183166	ND	ND	0.0050	C183166
Dissolved Boron (B)	ug/L	ND	10	C183166	ND	10	C183166	11	ND	10	C183166
Dissolved Cadmium (Cd)	ug/L	0.0051	0.0050	C183166	0.0067	0.0050	C183166	0.0063	0.0070	0.0050	C183166
Dissolved Cesium (Cs)	ug/L	ND	0.050	C183166	ND	0.050	C183166	ND	ND	0.050	C183166
Dissolved Chromium (Cr)	ug/L	ND	0.10	C183166	ND	0.10	C183166	ND	ND	0.10	C183166
Dissolved Cobalt (Co)	ug/L	0.0307	0.0050	C183166	0.0319	0.0050	C183166	0.0208	0.0356	0.0050	C183166
Dissolved Copper (Cu)	ug/L	0.323	0.050	C183166	0.343	0.050	C183166	0.347	0.915	0.050	C183166
Dissolved Iron (Fe)	ug/L	9.6	1.0	C183166	9.6	1.0	C183166	ND	19.4	1.0	C183166
Dissolved Lead (Pb)	ug/L	ND	0.0050	C183166	ND	0.0050	C183166	ND	0.0128	0.0050	C183166
Dissolved Lithium (Li)	ug/L	2.42	0.50	C183166	2.49	0.50	C183166	4.50	ND	0.50	C183166
Dissolved Manganese (Mn)	ug/L	9.54	0.050	C183166	9.70	0.050	C183166	6.93	0.881	0.050	C183166
Dissolved Molybdenum (Mo)	ug/L	17.3	0.050	C183166	17.6	0.050	C183166	33.6	0.408	0.050	C183166
Dissolved Nickel (Ni)	ug/L	0.198	0.020	C183166	0.205	0.020	C183166	0.115	0.337	0.020	C183166
Dissolved Phosphorus (P)	ug/L	12.0	2.0	C183166	11.8	2.0	C183166	ND	53.5	2.0	C183166
Dissolved Rubidium (Rb)	ug/L	1.91	0.050	C183166	1.91	0.050	C183166	3.29	0.214	0.050	C183166
Dissolved Selenium (Se)	ug/L	ND	0.040	C183166	ND	0.040	C183166	ND	ND	0.040	C183166
Dissolved Silicon (Si)	ug/L	5290	50	C183166	5210	50	C183166	6450	3550	50	C183166

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

Bureau Veritas Job #: C598220  
Report Date: 2025/12/16

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

### ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYA735			DYA735			DYA746	DYA747		
Sampling Date		2025/12/02			2025/12/02			2025/12/02	2025/12/02		
COC Number		119514			119514			119514	119514		
	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	C183166	ND	0.0050	C183166	ND	ND	0.0050	C183166
Dissolved Strontium (Sr)	ug/L	27.9	0.050	C183166	28.0	0.050	C183166	43.7	9.53	0.050	C183166
Dissolved Tellurium (Te)	ug/L	ND	0.020	C183166	ND	0.020	C183166	ND	ND	0.020	C183166
Dissolved Thallium (Tl)	ug/L	0.0071	0.0020	C183166	0.0066	0.0020	C183166	0.0103	ND	0.0020	C183166
Dissolved Thorium (Th)	ug/L	ND	0.0050	C183166	ND	0.0050	C183166	ND	0.0091	0.0050	C183166
Dissolved Tin (Sn)	ug/L	ND	0.20	C183166	ND	0.20	C183166	ND	ND	0.20	C183166
Dissolved Titanium (Ti)	ug/L	ND	0.50	C183166	ND	0.50	C183166	ND	ND	0.50	C183166
Dissolved Uranium (U)	ug/L	0.568	0.0020	C183166	0.572	0.0020	C183166	0.877	0.0975	0.0020	C183166
Dissolved Vanadium (V)	ug/L	ND	0.20	C183166	ND	0.20	C183166	ND	ND	0.20	C183166
Dissolved Zinc (Zn)	ug/L	1.25	0.10	C183166	1.44	0.10	C183166	1.75	1.29	0.10	C183166
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C183166	ND	0.10	C183166	ND	ND	0.10	C183166
<b>Total Metals by ICPMS</b>											
Total Aluminum (Al)	ug/L	268 (1)	3.0	C184396	355 (2)	3.0	C184396	128	92.6	0.50	C183793
Total Antimony (Sb)	ug/L	0.279	0.020	C184396	0.309	0.020	C184396	0.491	0.029	0.020	C183793
Total Arsenic (As)	ug/L	0.587	0.020	C184396	0.592	0.020	C184396	1.11	0.179	0.020	C183793
Total Barium (Ba)	ug/L	5.77	0.050	C184396	6.70	0.050	C184396	4.47	3.02	0.020	C183793
Total Beryllium (Be)	ug/L	ND	0.010	C184396	ND	0.010	C184396	ND	ND	0.010	C183793
Total Bismuth (Bi)	ug/L	ND	0.010	C184396	ND	0.010	C184396	ND	ND	0.0050	C183793
Total Boron (B)	ug/L	10	10	C184396	ND	10	C184396	14	ND	10	C183793
Total Cadmium (Cd)	ug/L	0.0076	0.0050	C184396	0.0099	0.0050	C184396	0.0067	0.0062	0.0050	C183793
Total Cesium (Cs)	ug/L	ND	0.050	C184396	ND	0.050	C184396	ND	ND	0.050	C183793
Total Chromium (Cr)	ug/L	0.29	0.10	C184396	0.37	0.10	C184396	0.17	ND	0.10	C183793
Total Cobalt (Co)	ug/L	0.053	0.010	C184396	0.067	0.010	C184396	0.0283	0.0434	0.0050	C183793
Total Copper (Cu)	ug/L	0.60	0.10	C184396	0.68	0.10	C184396	0.528	0.947	0.050	C183793
Total Iron (Fe)	ug/L	191 (1)	5.0	C184396	248 (2)	5.0	C184396	54.8	44.6	1.0	C183793
Total Lead (Pb)	ug/L	0.061	0.020	C184396	0.074	0.020	C184396	0.0355	0.0228	0.0050	C183793
Total Lithium (Li)	ug/L	2.29	0.50	C184396	2.42	0.50	C184396	4.62	ND	0.50	C183793
Total Manganese (Mn)	ug/L	12.4	0.10	C184396	13.5	0.10	C184396	7.98	1.69	0.050	C183793

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

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

(1) Duplicate exceeds acceptance criteria due to sample non homogeneity. Reanalysis yields similar results.

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



BUREAU  
VERITAS

Bureau Veritas Job #: C598220  
Report Date: 2025/12/16

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

### ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYA735			DYA735			DYA746	DYA747		
Sampling Date		2025/12/02			2025/12/02			2025/12/02	2025/12/02		
COC Number		119514			119514			119514	119514		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch
Total Molybdenum (Mo)	ug/L	14.4	0.050	C184396	14.5	0.050	C184396	32.6	0.379	0.050	C183793
Total Nickel (Ni)	ug/L	0.34	0.10	C184396	0.33	0.10	C184396	0.170	0.343	0.020	C183793
Total Phosphorus (P)	ug/L	16.3	5.0	C184396	19.1	5.0	C184396	3.5	55.1	2.0	C183793
Total Rubidium (Rb)	ug/L	1.76	0.050	C184396	1.92	0.050	C184396	3.45	0.240	0.050	C183793
Total Selenium (Se)	ug/L	ND	0.040	C184396	ND	0.040	C184396	ND	ND	0.040	C183793
Total Silicon (Si)	ug/L	4990	50	C184396	4960	50	C184396	7000	3760	50	C183793
Total Silver (Ag)	ug/L	ND	0.010	C184396	ND	0.010	C184396	ND	ND	0.0050	C183793
Total Strontium (Sr)	ug/L	23.8	0.050	C184396	24.2	0.050	C184396	44.5	10.1	0.050	C183793
Total Tellurium (Te)	ug/L	ND	0.020	C184396	ND	0.020	C184396	ND	ND	0.020	C183793
Total Thallium (Tl)	ug/L	0.0079	0.0020	C184396	0.0084	0.0020	C184396	0.0115	0.0020	0.0020	C183793
Total Thorium (Th)	ug/L	ND	0.050	C184396	ND	0.050	C184396	ND	ND	0.050	C183793
Total Tin (Sn)	ug/L	ND	0.20	C184396	ND	0.20	C184396	ND	ND	0.20	C183793
Total Titanium (Ti)	ug/L	6.8	2.0	C184396	10.1	2.0	C184396	2.02	1.17	0.50	C183793
Total Uranium (U)	ug/L	0.688	0.0050	C184396	0.693	0.0050	C184396	0.973	0.0944	0.0020	C183793
Total Vanadium (V)	ug/L	0.24	0.20	C184396	0.27	0.20	C184396	ND	ND	0.20	C183793
Total Zinc (Zn)	ug/L	2.7	1.0	C184396	2.8	1.0	C184396	2.29	1.36	0.10	C183793
Total Zirconium (Zr)	ug/L	ND	0.10	C184396	ND	0.10	C184396	ND	ND	0.10	C183793
Total Calcium (Ca)	mg/L	11.7	0.25	C182216				22.8	2.17	0.050	C182216
Total Magnesium (Mg)	mg/L	0.60	0.25	C182216				1.02	0.345	0.050	C182216
Total Potassium (K)	mg/L	0.78	0.25	C182216				1.54	0.202	0.050	C182216
Total Sodium (Na)	mg/L	3.09	0.25	C182216				5.79	1.26	0.050	C182216
Total Sulphur (S)	mg/L	ND	3.0	C182216				3.7	ND	3.0	C182216

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

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



**ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)**

<b>Bureau Veritas ID</b>		DYA748			DYA749			DYA750		
<b>Sampling Date</b>		2025/12/02			2025/12/02			2025/12/02		
<b>COC Number</b>		119514			119514			119514		
	<b>UNITS</b>	<b>SQRI-US</b>	<b>RDL</b>	<b>QC Batch</b>	<b>SQRI-DS</b>	<b>RDL</b>	<b>QC Batch</b>	<b>Field Blank</b>	<b>RDL</b>	<b>QC Batch</b>

**ANIONS**

Bromide (Br)	mg/L	ND	0.010	C186680	ND	0.010	C186680	ND	0.010	C186680
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**Dissolved Metals by ICPMS**

Dissolved Calcium (Ca)	mg/L	7.58	0.050	C182215	7.45	0.050	C182215	ND	0.050	C182215
Dissolved Magnesium (Mg)	mg/L	0.920	0.050	C182215	0.826	0.050	C182215	ND	0.050	C182215
Dissolved Potassium (K)	mg/L	0.752	0.050	C182215	0.712	0.050	C182215	ND	0.050	C182215
Dissolved Sodium (Na)	mg/L	3.57	0.050	C182215	2.88	0.050	C182215	ND	0.050	C182215
Dissolved Sulphur (S)	mg/L	ND	3.0	C182215	ND	3.0	C182215	ND	3.0	C182215

**Lab Filtered Metals**

Dissolved Aluminum (Al)	ug/L	20.8	0.50	C183166	21.2	0.50	C183166	ND	0.50	C183166
Dissolved Antimony (Sb)	ug/L	ND	0.020	C183166	ND	0.020	C183166	ND	0.020	C183166
Dissolved Arsenic (As)	ug/L	0.121	0.020	C183166	0.112	0.020	C183166	0.020	0.020	C183166
Dissolved Barium (Ba)	ug/L	9.39	0.020	C183166	9.45	0.020	C183166	ND	0.020	C183166
Dissolved Beryllium (Be)	ug/L	ND	0.010	C183166	ND	0.010	C183166	ND	0.010	C183166
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C183166	ND	0.0050	C183166	ND	0.0050	C183166
Dissolved Boron (B)	ug/L	ND	10	C183166	ND	10	C183166	ND	10	C183166
Dissolved Cadmium (Cd)	ug/L	0.0108	0.0050	C183166	0.0104	0.0050	C183166	ND	0.0050	C183166
Dissolved Cesium (Cs)	ug/L	ND	0.050	C183166	ND	0.050	C183166	ND	0.050	C183166
Dissolved Chromium (Cr)	ug/L	ND	0.10	C183166	ND	0.10	C183166	ND	0.10	C183166
Dissolved Cobalt (Co)	ug/L	0.0721	0.0050	C183166	0.0850	0.0050	C183166	ND	0.0050	C183166
Dissolved Copper (Cu)	ug/L	0.575	0.050	C183166	0.534	0.050	C183166	ND	0.050	C183166
Dissolved Iron (Fe)	ug/L	111	1.0	C183166	118	1.0	C183166	ND	1.0	C183166
Dissolved Lead (Pb)	ug/L	0.0092	0.0050	C183166	0.0074	0.0050	C183166	ND	0.0050	C183166
Dissolved Lithium (Li)	ug/L	1.10	0.50	C183166	1.26	0.50	C183166	ND	0.50	C183166
Dissolved Manganese (Mn)	ug/L	11.0	0.050	C183166	11.9	0.050	C183166	ND	0.050	C183166
Dissolved Molybdenum (Mo)	ug/L	0.668	0.050	C183166	0.630	0.050	C183166	ND	0.050	C183166
Dissolved Nickel (Ni)	ug/L	0.113	0.020	C183166	0.113	0.020	C183166	ND	0.020	C183166
Dissolved Phosphorus (P)	ug/L	15.4	2.0	C183166	11.1	2.0	C183166	ND	2.0	C183166
Dissolved Rubidium (Rb)	ug/L	0.949	0.050	C183166	0.974	0.050	C183166	ND	0.050	C183166
Dissolved Selenium (Se)	ug/L	ND	0.040	C183166	ND	0.040	C183166	ND	0.040	C183166
Dissolved Silicon (Si)	ug/L	5420	50	C183166	5280	50	C183166	ND	50	C183166
Dissolved Silver (Ag)	ug/L	ND	0.0050	C183166	ND	0.0050	C183166	ND	0.0050	C183166

RDL = Reportable Detection Limit

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



**ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)**

Bureau Veritas ID		DYA748			DYA749			DYA750		
Sampling Date		2025/12/02			2025/12/02			2025/12/02		
COC Number		119514			119514			119514		
	UNITS	SQRI-US	RDL	QC Batch	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	41.9	0.050	C183166	42.5	0.050	C183166	ND	0.050	C183166
Dissolved Tellurium (Te)	ug/L	ND	0.020	C183166	ND	0.020	C183166	ND	0.020	C183166
Dissolved Thallium (Tl)	ug/L	ND	0.0020	C183166	0.0024	0.0020	C183166	ND	0.0020	C183166
Dissolved Thorium (Th)	ug/L	ND	0.0050	C183166	ND	0.0050	C183166	0.0069	0.0050	C183166
Dissolved Tin (Sn)	ug/L	ND	0.20	C183166	ND	0.20	C183166	ND	0.20	C183166
Dissolved Titanium (Ti)	ug/L	ND	0.50	C183166	ND	0.50	C183166	ND	0.50	C183166
Dissolved Uranium (U)	ug/L	0.0249	0.0020	C183166	0.0284	0.0020	C183166	ND	0.0020	C183166
Dissolved Vanadium (V)	ug/L	1.29	0.20	C183166	1.11	0.20	C183166	ND	0.20	C183166
Dissolved Zinc (Zn)	ug/L	1.25	0.10	C183166	1.02	0.10	C183166	0.11	0.10	C183166
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C183166	ND	0.10	C183166	ND	0.10	C183166
<b>Total Metals by ICPMS</b>										
Total Aluminum (Al)	ug/L	56.1	0.50	C183793	58.7	3.0	C184396	ND	0.50	C183793
Total Antimony (Sb)	ug/L	ND	0.020	C183793	ND	0.020	C184396	ND	0.020	C183793
Total Arsenic (As)	ug/L	0.152	0.020	C183793	0.138	0.020	C184396	ND	0.020	C183793
Total Barium (Ba)	ug/L	9.41	0.020	C183793	8.57	0.050	C184396	ND	0.020	C183793
Total Beryllium (Be)	ug/L	ND	0.010	C183793	ND	0.010	C184396	ND	0.010	C183793
Total Bismuth (Bi)	ug/L	ND	0.0050	C183793	ND	0.010	C184396	ND	0.0050	C183793
Total Boron (B)	ug/L	11	10	C183793	ND	10	C184396	ND	10	C183793
Total Cadmium (Cd)	ug/L	0.0089	0.0050	C183793	0.0080	0.0050	C184396	ND	0.0050	C183793
Total Cesium (Cs)	ug/L	ND	0.050	C183793	ND	0.050	C184396	ND	0.050	C183793
Total Chromium (Cr)	ug/L	ND	0.10	C183793	ND	0.10	C184396	ND	0.10	C183793
Total Cobalt (Co)	ug/L	0.0818	0.0050	C183793	0.091	0.010	C184396	ND	0.0050	C183793
Total Copper (Cu)	ug/L	0.693	0.050	C183793	0.68	0.10	C184396	ND	0.050	C183793
Total Iron (Fe)	ug/L	183	1.0	C183793	190	5.0	C184396	ND	1.0	C183793
Total Lead (Pb)	ug/L	0.0183	0.0050	C183793	0.030	0.020	C184396	ND	0.0050	C183793
Total Lithium (Li)	ug/L	1.06	0.50	C183793	1.15	0.50	C184396	ND	0.50	C183793
Total Manganese (Mn)	ug/L	11.5	0.050	C183793	11.8	0.10	C184396	ND	0.050	C183793
Total Molybdenum (Mo)	ug/L	0.636	0.050	C183793	0.543	0.050	C184396	ND	0.050	C183793
Total Nickel (Ni)	ug/L	0.112	0.020	C183793	0.14	0.10	C184396	ND	0.020	C183793
Total Phosphorus (P)	ug/L	20.5	2.0	C183793	15.4	5.0	C184396	ND	2.0	C183793
Total Rubidium (Rb)	ug/L	0.979	0.050	C183793	0.869	0.050	C184396	ND	0.050	C183793
Total Selenium (Se)	ug/L	ND	0.040	C183793	ND	0.040	C184396	ND	0.040	C183793
RDL = Reportable Detection Limit										
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										



**ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)**

Bureau Veritas ID		DYA748			DYA749			DYA750		
Sampling Date		2025/12/02			2025/12/02			2025/12/02		
COC Number		119514			119514			119514		
	UNITS	SQRI-US	RDL	QC Batch	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch
Total Silicon (Si)	ug/L	5670	50	C183793	5120	50	C184396	ND	50	C183793
Total Silver (Ag)	ug/L	ND	0.0050	C183793	ND	0.010	C184396	ND	0.0050	C183793
Total Strontium (Sr)	ug/L	42.9	0.050	C183793	38.9	0.050	C184396	ND	0.050	C183793
Total Tellurium (Te)	ug/L	ND	0.020	C183793	ND	0.020	C184396	ND	0.020	C183793
Total Thallium (Tl)	ug/L	ND	0.0020	C183793	0.0028	0.0020	C184396	ND	0.0020	C183793
Total Thorium (Th)	ug/L	ND	0.050	C183793	ND	0.050	C184396	ND	0.050	C183793
Total Tin (Sn)	ug/L	ND	0.20	C183793	ND	0.20	C184396	ND	0.20	C183793
Total Titanium (Ti)	ug/L	1.51	0.50	C183793	ND	2.0	C184396	ND	0.50	C183793
Total Uranium (U)	ug/L	0.0263	0.0020	C183793	0.0306	0.0050	C184396	ND	0.0020	C183793
Total Vanadium (V)	ug/L	1.39	0.20	C183793	1.19	0.20	C184396	ND	0.20	C183793
Total Zinc (Zn)	ug/L	1.43	0.10	C183793	1.2	1.0	C184396	ND	0.10	C183793
Total Zirconium (Zr)	ug/L	ND	0.10	C183793	ND	0.10	C184396	ND	0.10	C183793
Total Calcium (Ca)	mg/L	7.25	0.050	C182216	6.76	0.25	C182216	ND	0.050	C182216
Total Magnesium (Mg)	mg/L	0.896	0.050	C182216	0.76	0.25	C182216	ND	0.050	C182216
Total Potassium (K)	mg/L	0.715	0.050	C182216	0.62	0.25	C182216	ND	0.050	C182216
Total Sodium (Na)	mg/L	2.81	0.050	C182216	2.58	0.25	C182216	ND	0.050	C182216
Total Sulphur (S)	mg/L	ND	3.0	C182216	ND	3.0	C182216	ND	3.0	C182216

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



**ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)**

<b>Bureau Veritas ID</b>		DYA751			DYA751			DYA752		
<b>Sampling Date</b>		2025/12/02			2025/12/02			2025/12/02		
<b>COC Number</b>		119514			119514			119514		
	<b>UNITS</b>	<b>Trip Blank</b>	<b>RDL</b>	<b>QC Batch</b>	<b>Trip Blank Lab-Dup</b>	<b>RDL</b>	<b>QC Batch</b>	<b>DUP</b>	<b>RDL</b>	<b>QC Batch</b>

**ANIONS**

Bromide (Br)	mg/L	ND	0.010	C186702	ND	0.010	C186702	ND	0.010	C186680
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**Dissolved Metals by ICPMS**

Dissolved Calcium (Ca)	mg/L	ND	0.050	C182215				23.6	0.050	C182215
Dissolved Magnesium (Mg)	mg/L	ND	0.050	C182215				1.04	0.050	C182215
Dissolved Potassium (K)	mg/L	ND	0.050	C182215				1.57	0.050	C182215
Dissolved Sodium (Na)	mg/L	ND	0.050	C182215				5.81	0.050	C182215
Dissolved Sulphur (S)	mg/L	ND	3.0	C182215				3.6	3.0	C182215

**Lab Filtered Metals**

Dissolved Aluminum (Al)	ug/L	ND	0.50	C183166				36.5	0.50	C183166
Dissolved Antimony (Sb)	ug/L	ND	0.020	C183166				0.484	0.020	C183166
Dissolved Arsenic (As)	ug/L	ND	0.020	C183166				1.07	0.020	C183166
Dissolved Barium (Ba)	ug/L	ND	0.020	C183166				3.95	0.020	C183166
Dissolved Beryllium (Be)	ug/L	ND	0.010	C183166				ND	0.010	C183166
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C183166				ND	0.0050	C183166
Dissolved Boron (B)	ug/L	ND	10	C183166				11	10	C183166
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	C183166				0.0099	0.0050	C183166
Dissolved Cesium (Cs)	ug/L	ND	0.050	C183166				ND	0.050	C183166
Dissolved Chromium (Cr)	ug/L	ND	0.10	C183166				ND	0.10	C183166
Dissolved Cobalt (Co)	ug/L	ND	0.0050	C183166				0.0235	0.0050	C183166
Dissolved Copper (Cu)	ug/L	ND	0.050	C183166				0.322	0.050	C183166
Dissolved Iron (Fe)	ug/L	ND	1.0	C183166				ND	1.0	C183166
Dissolved Lead (Pb)	ug/L	ND	0.0050	C183166				0.0058	0.0050	C183166
Dissolved Lithium (Li)	ug/L	ND	0.50	C183166				4.56	0.50	C183166
Dissolved Manganese (Mn)	ug/L	ND	0.050	C183166				6.80	0.050	C183166
Dissolved Molybdenum (Mo)	ug/L	ND	0.050	C183166				33.7	0.050	C183166
Dissolved Nickel (Ni)	ug/L	ND	0.020	C183166				0.092	0.020	C183166
Dissolved Phosphorus (P)	ug/L	ND	2.0	C183166				2.3	2.0	C183166
Dissolved Rubidium (Rb)	ug/L	ND	0.050	C183166				3.28	0.050	C183166
Dissolved Selenium (Se)	ug/L	ND	0.040	C183166				ND	0.040	C183166
Dissolved Silicon (Si)	ug/L	ND	50	C183166				6760	50	C183166

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



**ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)**

Bureau Veritas ID		DYA751			DYA751			DYA752		
Sampling Date		2025/12/02			2025/12/02			2025/12/02		
COC Number		119514			119514			119514		
	UNITS	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch	DUP	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	0.0050	C183166				ND	0.0050	C183166
Dissolved Strontium (Sr)	ug/L	ND	0.050	C183166				43.2	0.050	C183166
Dissolved Tellurium (Te)	ug/L	ND	0.020	C183166				ND	0.020	C183166
Dissolved Thallium (Tl)	ug/L	ND	0.0020	C183166				0.0119	0.0020	C183166
Dissolved Thorium (Th)	ug/L	ND	0.0050	C183166				ND	0.0050	C183166
Dissolved Tin (Sn)	ug/L	ND	0.20	C183166				ND	0.20	C183166
Dissolved Titanium (Ti)	ug/L	ND	0.50	C183166				ND	0.50	C183166
Dissolved Uranium (U)	ug/L	ND	0.0020	C183166				0.887	0.0020	C183166
Dissolved Vanadium (V)	ug/L	ND	0.20	C183166				ND	0.20	C183166
Dissolved Zinc (Zn)	ug/L	ND	0.10	C183166				1.33	0.10	C183166
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C183166				ND	0.10	C183166
<b>Total Metals by ICPMS</b>										
Total Aluminum (Al)	ug/L	ND	0.50	C183793				141	0.50	C183793
Total Antimony (Sb)	ug/L	ND	0.020	C183793				0.479	0.020	C183793
Total Arsenic (As)	ug/L	ND	0.020	C183793				1.08	0.020	C183793
Total Barium (Ba)	ug/L	ND	0.020	C183793				4.52	0.020	C183793
Total Beryllium (Be)	ug/L	ND	0.010	C183793				ND	0.010	C183793
Total Bismuth (Bi)	ug/L	ND	0.0050	C183793				ND	0.0050	C183793
Total Boron (B)	ug/L	ND	10	C183793				13	10	C183793
Total Cadmium (Cd)	ug/L	ND	0.0050	C183793				0.0075	0.0050	C183793
Total Cesium (Cs)	ug/L	ND	0.050	C183793				ND	0.050	C183793
Total Chromium (Cr)	ug/L	ND	0.10	C183793				ND	0.10	C183793
Total Cobalt (Co)	ug/L	ND	0.0050	C183793				0.0297	0.0050	C183793
Total Copper (Cu)	ug/L	ND	0.050	C183793				1.01	0.050	C183793
Total Iron (Fe)	ug/L	ND	1.0	C183793				68.2	1.0	C183793
Total Lead (Pb)	ug/L	ND	0.0050	C183793				0.0919	0.0050	C183793
Total Lithium (Li)	ug/L	ND	0.50	C183793				4.63	0.50	C183793
Total Manganese (Mn)	ug/L	ND	0.050	C183793				8.25	0.050	C183793
Total Molybdenum (Mo)	ug/L	ND	0.050	C183793				31.8	0.050	C183793
Total Nickel (Ni)	ug/L	ND	0.020	C183793				0.120	0.020	C183793
Total Phosphorus (P)	ug/L	ND	2.0	C183793				3.4	2.0	C183793
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										



**ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)**

Bureau Veritas ID		DYA751			DYA751			DYA752		
Sampling Date		2025/12/02			2025/12/02			2025/12/02		
COC Number		119514			119514			119514		
	UNITS	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch	DUP	RDL	QC Batch
Total Rubidium (Rb)	ug/L	ND	0.050	C183793				3.34	0.050	C183793
Total Selenium (Se)	ug/L	ND	0.040	C183793				ND	0.040	C183793
Total Silicon (Si)	ug/L	ND	50	C183793				6830	50	C183793
Total Silver (Ag)	ug/L	ND	0.0050	C183793				ND	0.0050	C183793
Total Strontium (Sr)	ug/L	ND	0.050	C183793				42.6	0.050	C183793
Total Tellurium (Te)	ug/L	ND	0.020	C183793				ND	0.020	C183793
Total Thallium (Tl)	ug/L	ND	0.0020	C183793				0.0107	0.0020	C183793
Total Thorium (Th)	ug/L	ND	0.050	C183793				ND	0.050	C183793
Total Tin (Sn)	ug/L	ND	0.20	C183793				ND	0.20	C183793
Total Titanium (Ti)	ug/L	ND	0.50	C183793				2.70	0.50	C183793
Total Uranium (U)	ug/L	ND	0.0020	C183793				0.975	0.0020	C183793
Total Vanadium (V)	ug/L	ND	0.20	C183793				ND	0.20	C183793
Total Zinc (Zn)	ug/L	ND	0.10	C183793				2.22	0.10	C183793
Total Zirconium (Zr)	ug/L	ND	0.10	C183793				ND	0.10	C183793
Total Calcium (Ca)	mg/L	ND	0.050	C182216				22.9	0.050	C182216
Total Magnesium (Mg)	mg/L	ND	0.050	C182216				1.03	0.050	C182216
Total Potassium (K)	mg/L	ND	0.050	C182216				1.54	0.050	C182216
Total Sodium (Na)	mg/L	ND	0.050	C182216				5.74	0.050	C182216
Total Sulphur (S)	mg/L	ND	3.0	C182216				3.6	3.0	C182216

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



**ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)**

Bureau Veritas ID		DYA753		
Sampling Date		2025/12/02		
COC Number		119514		
	UNITS	BCR-EOP	RDL	QC Batch
<b>ANIONS</b>				
Bromide (Br)	mg/L	4.06	0.10	C186680
<b>Dissolved Metals by ICPMS</b>				
Dissolved Calcium (Ca)	mg/L	39.8	0.10	C182215
Dissolved Magnesium (Mg)	mg/L	28.6	0.10	C182215
Dissolved Potassium (K)	mg/L	33.8	0.10	C182215
Dissolved Sodium (Na)	mg/L	783	0.10	C182215
Dissolved Sulphur (S)	mg/L	38.7	6.0	C182215
<b>Lab Filtered Metals</b>				
Dissolved Aluminum (Al)	ug/L	1.0	1.0	C183166
Dissolved Antimony (Sb)	ug/L	1.51	0.040	C183166
Dissolved Arsenic (As)	ug/L	0.147	0.040	C183166
Dissolved Barium (Ba)	ug/L	40.6	0.040	C183166
Dissolved Beryllium (Be)	ug/L	ND	0.020	C183166
Dissolved Bismuth (Bi)	ug/L	ND	0.010	C183166
Dissolved Boron (B)	ug/L	210	20	C183166
Dissolved Cadmium (Cd)	ug/L	ND	0.010	C183166
Dissolved Cesium (Cs)	ug/L	0.12	0.10	C183166
Dissolved Chromium (Cr)	ug/L	ND	0.20	C183166
Dissolved Cobalt (Co)	ug/L	0.042	0.010	C183166
Dissolved Copper (Cu)	ug/L	1.06	0.10	C183166
Dissolved Iron (Fe)	ug/L	ND	2.0	C183166
Dissolved Lead (Pb)	ug/L	0.013	0.010	C183166
Dissolved Lithium (Li)	ug/L	1.9	1.0	C183166
Dissolved Manganese (Mn)	ug/L	1.74	0.10	C183166
Dissolved Molybdenum (Mo)	ug/L	28.4	0.10	C183166
Dissolved Nickel (Ni)	ug/L	0.324	0.040	C183166
Dissolved Phosphorus (P)	ug/L	24.7	4.0	C183166
Dissolved Rubidium (Rb)	ug/L	10.2	0.10	C183166
Dissolved Selenium (Se)	ug/L	0.630	0.080	C183166
Dissolved Silicon (Si)	ug/L	6740	100	C183166
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



**ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)**

Bureau Veritas ID		DYA753		
Sampling Date		2025/12/02		
COC Number		119514		
	UNITS	BCR-EOP	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	0.010	C183166
Dissolved Strontium (Sr)	ug/L	509	0.10	C183166
Dissolved Tellurium (Te)	ug/L	ND	0.040	C183166
Dissolved Thallium (Tl)	ug/L	0.0048	0.0040	C183166
Dissolved Thorium (Th)	ug/L	ND	0.010	C183166
Dissolved Tin (Sn)	ug/L	ND	0.40	C183166
Dissolved Titanium (Ti)	ug/L	ND	1.0	C183166
Dissolved Uranium (U)	ug/L	ND	0.0040	C183166
Dissolved Vanadium (V)	ug/L	0.96	0.40	C183166
Dissolved Zinc (Zn)	ug/L	2.54	0.20	C183166
Dissolved Zirconium (Zr)	ug/L	ND	0.20	C183166
<b>Total Metals by ICPMS</b>				
Total Aluminum (Al)	ug/L	5.3	1.0	C183793
Total Antimony (Sb)	ug/L	1.51	0.040	C183793
Total Arsenic (As)	ug/L	0.211	0.040	C183793
Total Barium (Ba)	ug/L	42.1	0.040	C183793
Total Beryllium (Be)	ug/L	ND	0.020	C183793
Total Bismuth (Bi)	ug/L	ND	0.010	C183793
Total Boron (B)	ug/L	242	20	C183793
Total Cadmium (Cd)	ug/L	ND	0.010	C183793
Total Cesium (Cs)	ug/L	0.12	0.10	C183793
Total Chromium (Cr)	ug/L	ND	0.20	C183793
Total Cobalt (Co)	ug/L	0.048	0.010	C183793
Total Copper (Cu)	ug/L	37.8	0.10	C183793
Total Iron (Fe)	ug/L	14.3	2.0	C183793
Total Lead (Pb)	ug/L	1.33	0.010	C183793
Total Lithium (Li)	ug/L	2.0	1.0	C183793
Total Manganese (Mn)	ug/L	2.04	0.10	C183793
Total Molybdenum (Mo)	ug/L	28.4	0.10	C183793
Total Nickel (Ni)	ug/L	0.403	0.040	C183793
Total Phosphorus (P)	ug/L	67.3	4.0	C183793
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



**ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)**

Bureau Veritas ID		DYA753		
Sampling Date		2025/12/02		
COC Number		119514		
	UNITS	BCR-EOP	RDL	QC Batch
Total Rubidium (Rb)	ug/L	10.4	0.10	C183793
Total Selenium (Se)	ug/L	0.653	0.080	C183793
Total Silicon (Si)	ug/L	7140	100	C183793
Total Silver (Ag)	ug/L	0.011	0.010	C183793
Total Strontium (Sr)	ug/L	531	0.10	C183793
Total Tellurium (Te)	ug/L	ND	0.040	C183793
Total Thallium (Tl)	ug/L	ND	0.0040	C183793
Total Thorium (Th)	ug/L	ND	0.10	C183793
Total Tin (Sn)	ug/L	ND	0.40	C183793
Total Titanium (Ti)	ug/L	ND	1.0	C183793
Total Uranium (U)	ug/L	0.0099	0.0040	C183793
Total Vanadium (V)	ug/L	1.50	0.40	C183793
Total Zinc (Zn)	ug/L	23.9	0.20	C183793
Total Zirconium (Zr)	ug/L	ND	0.20	C183793
Total Calcium (Ca)	mg/L	41.2	0.10	C182216
Total Magnesium (Mg)	mg/L	31.9	0.10	C182216
Total Potassium (K)	mg/L	33.5	0.10	C182216
Total Sodium (Na)	mg/L	804	0.10	C182216
Total Sulphur (S)	mg/L	38.6	6.0	C182216
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



BUREAU  
VERITAS

Bureau Veritas Job #: C598220  
Report Date: 2025/12/16

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

### MISCELLANEOUS (WATER)

<b>Bureau Veritas ID</b>		DYA735	DYA746	DYA747	DYA748		DYA749		
<b>Sampling Date</b>		2025/12/02	2025/12/02	2025/12/02	2025/12/02		2025/12/02		
<b>COC Number</b>		119514	119514	119514	119514		119514		
	<b>UNITS</b>	<b>WLNG-DS</b>	<b>WLNG -EOP</b>	<b>WLNG-US</b>	<b>SQRI-US</b>	<b>QC Batch</b>	<b>SQRI-DS</b>	<b>RDL</b>	<b>QC Batch</b>

<b>Calculated Parameters</b>									
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	ND	ND	C182552	ND	0.0018	C182551
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	ND	ND	C182552	ND	0.0019	C182551

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

<b>Bureau Veritas ID</b>		DYA752		DYA753		
<b>Sampling Date</b>		2025/12/02		2025/12/02		
<b>COC Number</b>		119514		119514		
	<b>UNITS</b>	<b>DUP</b>	<b>QC Batch</b>	<b>BCR-EOP</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Calculated Parameters</b>						
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	C182552	ND	0.0018	C182551
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	C182552	ND	0.0019	C182551
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.						



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

Bureau Veritas ID		DYA746	DYA752	DYA753		
Sampling Date		2025/12/02	2025/12/02	2025/12/02		
COC Number		119514	119514	119514		
	UNITS	WLNG -EOP	DUP	BCR-EOP	RDL	QC Batch
<b>Calculated Parameters</b>						
Low Molecular Weight PAH's	ug/L	ND	ND	ND	0.10	C181817
High Molecular Weight PAH's	ug/L	ND	ND	ND	0.050	C181817
Total PAH	ug/L	ND	ND	ND	0.10	C181817
<b>Polycyclic Aromatics</b>						
Quinoline	ug/L	ND	ND	ND	0.020	C184320
Naphthalene	ug/L	ND	ND	ND	0.10	C184320
1-Methylnaphthalene	ug/L	ND	ND	ND	0.050	C184320
2-Methylnaphthalene	ug/L	ND	ND	ND	0.10	C184320
Acenaphthylene	ug/L	ND	ND	ND	0.050	C184320
Acenaphthene	ug/L	ND	ND	ND	0.050	C184320
Fluorene	ug/L	ND	ND	ND	0.050	C184320
Phenanthrene	ug/L	ND	ND	ND	0.050	C184320
Anthracene	ug/L	ND	ND	ND	0.010	C184320
Acridine	ug/L	ND	ND	ND	0.050	C184320
Fluoranthene	ug/L	ND	ND	ND	0.020	C184320
Pyrene	ug/L	ND	ND	ND	0.020	C184320
Benzo(a)anthracene	ug/L	ND	ND	ND	0.010	C184320
Chrysene	ug/L	ND	ND	ND	0.020	C184320
Benzo(b&j)fluoranthene	ug/L	ND	ND	ND	0.030	C184320
Benzo(k)fluoranthene	ug/L	ND	ND	ND	0.050	C184320
Benzo(a)pyrene	ug/L	ND	ND	ND	0.0050	C184320
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND	ND	0.050	C184320
Dibenz(a,h)anthracene	ug/L	ND	ND	ND	0.0030	C184320
Benzo(g,h,i)perylene	ug/L	ND	ND	ND	0.050	C184320
<b>Calculated Parameters</b>						
LEPH (C10-C19 less PAH)	mg/L	ND	ND	ND	0.20	C181818
HEPH (C19-C32 less PAH)	mg/L	ND	ND	ND	0.20	C181818
<b>Ext. Pet. Hydrocarbon</b>						
EPH (C10-C19)	mg/L	ND	ND	ND	0.20	C184325
EPH (C19-C32)	mg/L	ND	ND	ND	0.20	C184325
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.						



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

Bureau Veritas ID		DYA746	DYA752	DYA753		
Sampling Date		2025/12/02	2025/12/02	2025/12/02		
COC Number		119514	119514	119514		
	UNITS	WLNG -EOP	DUP	BCR-EOP	RDL	QC Batch
<b>Surrogate Recovery (%)</b>						
O-TERPHENYL (sur.)	%	114	103	100		C184325
D10-ANTHRACENE (sur.)	%	95	91	89		C184320
D8-ACENAPHTHYLENE (sur.)	%	95	91	91		C184320
D8-NAPHTHALENE (sur.)	%	87	73	75		C184320
TERPHENYL-D14 (sur.)	%	92	89	87		C184320
RDL = Reportable Detection Limit						



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

Bureau Veritas ID		DYA746	DYA752	DYA753		
Sampling Date		2025/12/02	2025/12/02	2025/12/02		
COC Number		119514	119514	119514		
	UNITS	WLNQ -EOP	DUP	BCR-EOP	RDL	QC Batch
<b>Calculated Parameters</b>						
VPH (VH6 to 10 - BTEX)	ug/L	ND	ND	ND	300	C181821
<b>Volatiles</b>						
VH C6-C10	ug/L	ND	ND	ND	300	C183785
1,1,1,2-tetrachloroethane	ug/L	ND	ND	ND	0.50	C183785
1,1,1-trichloroethane	ug/L	ND	ND	ND	0.50	C183785
1,1,2,2-tetrachloroethane	ug/L	ND	ND	ND	0.50	C183785
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	ND	ND	2.0	C183785
1,1,2-trichloroethane	ug/L	ND	ND	ND	0.50	C183785
1,1-dichloroethane	ug/L	ND	ND	ND	0.50	C183785
1,1-dichloroethene	ug/L	ND	ND	ND	0.50	C183785
1,2,3-trichlorobenzene	ug/L	ND	ND	ND	2.0	C183785
1,2,4-trichlorobenzene	ug/L	ND	ND	ND	2.0	C183785
1,2-dibromoethane	ug/L	ND	ND	ND	0.20	C183785
1,2-dichlorobenzene	ug/L	ND	ND	ND	0.50	C183785
1,2-dichloroethane	ug/L	ND	ND	ND	0.50	C183785
1,2-dichloropropane	ug/L	ND	ND	ND	0.50	C183785
1,3,5-trimethylbenzene	ug/L	ND	ND	ND	2.0	C183785
1,3-Butadiene	ug/L	ND	ND	ND	0.50	C183785
1,3-dichlorobenzene	ug/L	ND	ND	ND	0.50	C183785
1,3-dichloropropane	ug/L	ND	ND	ND	1.0	C183785
1,4-dichlorobenzene	ug/L	ND	ND	ND	0.50	C183785
Benzene	ug/L	ND	ND	ND	0.40	C183785
Bromobenzene	ug/L	ND	ND	ND	2.0	C183785
Bromodichloromethane	ug/L	ND	ND	ND	1.0	C183785
Bromoform	ug/L	ND	ND	ND	1.0	C183785
Bromomethane	ug/L	ND	ND	ND	1.0	C183785
Carbon tetrachloride	ug/L	ND	ND	ND	0.50	C183785
Chlorobenzene	ug/L	ND	ND	ND	0.50	C183785
Dibromochloromethane	ug/L	ND	ND	ND	1.0	C183785
Chloroethane	ug/L	ND	ND	ND	1.0	C183785
Chloroform	ug/L	ND	ND	ND	1.0	C183785
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.						



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

Bureau Veritas ID		DYA746	DYA752	DYA753		
Sampling Date		2025/12/02	2025/12/02	2025/12/02		
COC Number		119514	119514	119514		
	UNITS	WLNG -EOP	DUP	BCR-EOP	RDL	QC Batch
Chloromethane	ug/L	ND	ND	ND	1.0	C183785
cis-1,2-dichloroethene	ug/L	ND	ND	ND	1.0	C183785
cis-1,3-dichloropropene	ug/L	ND	ND	ND	1.0	C183785
Dichlorodifluoromethane	ug/L	ND	ND	ND	2.0	C183785
Dichloromethane	ug/L	ND	ND	ND	2.0	C183785
Ethylbenzene	ug/L	ND	ND	ND	0.40	C183785
Hexachlorobutadiene	ug/L	ND	ND	ND	0.50	C183785
Isopropylbenzene	ug/L	ND	ND	ND	2.0	C183785
Methyl-tert-butylether (MTBE)	ug/L	ND	ND	ND	4.0	C183785
Styrene	ug/L	ND	ND	ND	0.50	C183785
Tetrachloroethene	ug/L	ND	ND	ND	0.50	C183785
Toluene	ug/L	ND	ND	ND	0.40	C183785
trans-1,2-dichloroethene	ug/L	ND	ND	ND	1.0	C183785
trans-1,3-dichloropropene	ug/L	ND	ND	ND	1.0	C183785
Trichloroethene	ug/L	ND	ND	ND	0.50	C183785
Trichlorofluoromethane	ug/L	ND	ND	ND	4.0	C183785
Vinyl chloride	ug/L	ND	ND	ND	0.50	C183785
m & p-Xylene	ug/L	ND	ND	ND	0.40	C183785
o-Xylene	ug/L	ND	ND	ND	0.40	C183785
Xylenes (Total)	ug/L	ND	ND	ND	0.40	C183785
<b>Surrogate Recovery (%)</b>						
1,4-Difluorobenzene (sur.)	%	103	104	104		C183785
4-Bromofluorobenzene (sur.)	%	85	86	85		C183785
D4-1,2-Dichloroethane (sur.)	%	104	106	104		C183785
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.						



**BUREAU  
VERITAS**

Bureau Veritas Job #: C598220

Report Date: 2025/12/16

HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

## GENERAL COMMENTS

Results relate only to the items tested.



**QUALITY ASSURANCE REPORT**

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C183098	BB3	Matrix Spike [DYA750-09]	Total Nitrogen (N)	2025/12/05		98	%	80 - 120
C183098	BB3	Spiked Blank	Total Nitrogen (N)	2025/12/05		93	%	80 - 120
C183098	BB3	Method Blank	Total Nitrogen (N)	2025/12/05	ND, RDL=0.020		mg/L	
C183098	BB3	RPD [DYA750-09]	Total Nitrogen (N)	2025/12/05	NC		%	20
C183166	AA1	Matrix Spike [DYA735-07]	Dissolved Aluminum (Al)	2025/12/04		100	%	80 - 120
			Dissolved Antimony (Sb)	2025/12/04		100	%	80 - 120
			Dissolved Arsenic (As)	2025/12/04		101	%	80 - 120
			Dissolved Barium (Ba)	2025/12/04		102	%	80 - 120
			Dissolved Beryllium (Be)	2025/12/04		100	%	80 - 120
			Dissolved Bismuth (Bi)	2025/12/04		96	%	80 - 120
			Dissolved Boron (B)	2025/12/04		105	%	80 - 120
			Dissolved Cadmium (Cd)	2025/12/04		101	%	80 - 120
			Dissolved Cesium (Cs)	2025/12/04		92	%	80 - 120
			Dissolved Chromium (Cr)	2025/12/04		103	%	80 - 120
			Dissolved Cobalt (Co)	2025/12/04		100	%	80 - 120
			Dissolved Copper (Cu)	2025/12/04		98	%	80 - 120
			Dissolved Iron (Fe)	2025/12/04		102	%	80 - 120
			Dissolved Lead (Pb)	2025/12/04		100	%	80 - 120
			Dissolved Lithium (Li)	2025/12/04		103	%	80 - 120
			Dissolved Manganese (Mn)	2025/12/04		94	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/12/04		NC	%	80 - 120
			Dissolved Nickel (Ni)	2025/12/04		95	%	80 - 120
			Dissolved Phosphorus (P)	2025/12/04		102	%	80 - 120
			Dissolved Rubidium (Rb)	2025/12/04		93	%	80 - 120
			Dissolved Selenium (Se)	2025/12/04		100	%	80 - 120
			Dissolved Silicon (Si)	2025/12/04		NC	%	80 - 120
			Dissolved Silver (Ag)	2025/12/04		98	%	80 - 120
			Dissolved Strontium (Sr)	2025/12/04		108	%	80 - 120
			Dissolved Tellurium (Te)	2025/12/04		103	%	80 - 120
			Dissolved Thallium (Tl)	2025/12/04		99	%	80 - 120
			Dissolved Thorium (Th)	2025/12/04		98	%	80 - 120
			Dissolved Tin (Sn)	2025/12/04		100	%	80 - 120
			Dissolved Titanium (Ti)	2025/12/04		101	%	80 - 120
			Dissolved Uranium (U)	2025/12/04		104	%	80 - 120
			Dissolved Vanadium (V)	2025/12/04		99	%	80 - 120
			Dissolved Zinc (Zn)	2025/12/04		100	%	80 - 120
			Dissolved Zirconium (Zr)	2025/12/04		102	%	80 - 120
C183166	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/12/04		103	%	80 - 120
			Dissolved Antimony (Sb)	2025/12/04		102	%	80 - 120
			Dissolved Arsenic (As)	2025/12/04		102	%	80 - 120
			Dissolved Barium (Ba)	2025/12/04		101	%	80 - 120
			Dissolved Beryllium (Be)	2025/12/04		101	%	80 - 120
			Dissolved Bismuth (Bi)	2025/12/04		98	%	80 - 120
			Dissolved Boron (B)	2025/12/04		99	%	80 - 120
			Dissolved Cadmium (Cd)	2025/12/04		100	%	80 - 120
			Dissolved Cesium (Cs)	2025/12/04		93	%	80 - 120
			Dissolved Chromium (Cr)	2025/12/04		105	%	80 - 120
			Dissolved Cobalt (Co)	2025/12/04		103	%	80 - 120
			Dissolved Copper (Cu)	2025/12/04		99	%	80 - 120
			Dissolved Iron (Fe)	2025/12/04		105	%	80 - 120
			Dissolved Lead (Pb)	2025/12/04		102	%	80 - 120
			Dissolved Lithium (Li)	2025/12/04		102	%	80 - 120



**QUALITY ASSURANCE REPORT(CONT'D)**

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Manganese (Mn)	2025/12/04		97	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/12/04		101	%	80 - 120
			Dissolved Nickel (Ni)	2025/12/04		98	%	80 - 120
			Dissolved Phosphorus (P)	2025/12/04		103	%	80 - 120
			Dissolved Rubidium (Rb)	2025/12/04		93	%	80 - 120
			Dissolved Selenium (Se)	2025/12/04		102	%	80 - 120
			Dissolved Silicon (Si)	2025/12/04		104	%	80 - 120
			Dissolved Silver (Ag)	2025/12/04		98	%	80 - 120
			Dissolved Strontium (Sr)	2025/12/04		95	%	80 - 120
			Dissolved Tellurium (Te)	2025/12/04		103	%	80 - 120
			Dissolved Thallium (Tl)	2025/12/04		102	%	80 - 120
			Dissolved Thorium (Th)	2025/12/04		94	%	80 - 120
			Dissolved Tin (Sn)	2025/12/04		102	%	80 - 120
			Dissolved Titanium (Ti)	2025/12/04		103	%	80 - 120
			Dissolved Uranium (U)	2025/12/04		98	%	80 - 120
			Dissolved Vanadium (V)	2025/12/04		100	%	80 - 120
			Dissolved Zinc (Zn)	2025/12/04		101	%	80 - 120
			Dissolved Zirconium (Zr)	2025/12/04		100	%	80 - 120
C183166	AA1	Method Blank	Dissolved Aluminum (Al)	2025/12/04	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/12/04	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/12/04	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/12/04	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/12/04	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/12/04	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/12/04	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/12/04	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/12/04	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/12/04	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/12/04	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/12/04	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/12/04	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/12/04	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/12/04	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/12/04	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/12/04	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/12/04	ND, RDL=0.020		ug/L	



**QUALITY ASSURANCE REPORT(CONT'D)**

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Phosphorus (P)	2025/12/04	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/12/04	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/12/04	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/12/04	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/12/04	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/12/04	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/12/04	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/12/04	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/12/04	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/12/04	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/12/04	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/12/04	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/12/04	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/12/04	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/12/04	ND, RDL=0.10		ug/L	
C183166	AA1	RPD [DYA735-07]	Dissolved Aluminum (Al)	2025/12/04	0.46		%	20
			Dissolved Antimony (Sb)	2025/12/04	0.91		%	20
			Dissolved Arsenic (As)	2025/12/04	2.2		%	20
			Dissolved Barium (Ba)	2025/12/04	2.1		%	20
			Dissolved Beryllium (Be)	2025/12/04	NC		%	20
			Dissolved Bismuth (Bi)	2025/12/04	NC		%	20
			Dissolved Boron (B)	2025/12/04	NC		%	20
			Dissolved Cadmium (Cd)	2025/12/04	NC		%	20
			Dissolved Cesium (Cs)	2025/12/04	NC		%	20
			Dissolved Chromium (Cr)	2025/12/04	NC		%	20
			Dissolved Cobalt (Co)	2025/12/04	3.8		%	20
			Dissolved Copper (Cu)	2025/12/04	6.0		%	20
			Dissolved Iron (Fe)	2025/12/04	0.45		%	20
			Dissolved Lead (Pb)	2025/12/04	NC		%	20
			Dissolved Lithium (Li)	2025/12/04	2.7		%	20
			Dissolved Manganese (Mn)	2025/12/04	1.7		%	20
			Dissolved Molybdenum (Mo)	2025/12/04	1.8		%	20
			Dissolved Nickel (Ni)	2025/12/04	3.6		%	20
			Dissolved Phosphorus (P)	2025/12/04	2.1		%	20
			Dissolved Rubidium (Rb)	2025/12/04	0.021		%	20
			Dissolved Selenium (Se)	2025/12/04	NC		%	20
			Dissolved Silicon (Si)	2025/12/04	1.5		%	20
			Dissolved Silver (Ag)	2025/12/04	NC		%	20
			Dissolved Strontium (Sr)	2025/12/04	0.39		%	20



**QUALITY ASSURANCE REPORT(CONT'D)**

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Tellurium (Te)	2025/12/04	NC		%	20
			Dissolved Thallium (Tl)	2025/12/04	7.3		%	20
			Dissolved Thorium (Th)	2025/12/04	NC		%	20
			Dissolved Tin (Sn)	2025/12/04	NC		%	20
			Dissolved Titanium (Ti)	2025/12/04	NC		%	20
			Dissolved Uranium (U)	2025/12/04	0.67		%	20
			Dissolved Vanadium (V)	2025/12/04	NC		%	20
			Dissolved Zinc (Zn)	2025/12/04	14		%	20
			Dissolved Zirconium (Zr)	2025/12/04	NC		%	20
C183295	JGL	Matrix Spike	Nitrate plus Nitrite (N)	2025/12/04		119	%	80 - 120
C183295	JGL	Spiked Blank	Nitrate plus Nitrite (N)	2025/12/04		108	%	80 - 120
C183295	JGL	Method Blank	Nitrate plus Nitrite (N)	2025/12/04	ND, RDL=0.020		mg/L	
C183295	JGL	RPD	Nitrate plus Nitrite (N)	2025/12/04	9.9		%	25
C183298	JGL	Matrix Spike	Nitrite (N)	2025/12/04		124 (1)	%	80 - 120
C183298	JGL	Spiked Blank	Nitrite (N)	2025/12/04		106	%	80 - 120
C183298	JGL	Method Blank	Nitrite (N)	2025/12/04	ND, RDL=0.0050		mg/L	
C183298	JGL	RPD	Nitrite (N)	2025/12/04	NC		%	20
C183299	JLP	Spiked Blank	Alkalinity (Total as CaCO3)	2025/12/04		96	%	80 - 120
C183299	JLP	Method Blank	Alkalinity (PP as CaCO3)	2025/12/04	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/12/04	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/12/04	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/12/04	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/12/04	ND, RDL=1.0		mg/L	
C183299	JLP	RPD	Alkalinity (PP as CaCO3)	2025/12/04	NC		%	20
			Alkalinity (Total as CaCO3)	2025/12/04	0.28		%	20
			Bicarbonate (HCO3)	2025/12/04	0.28		%	20
			Carbonate (CO3)	2025/12/04	NC		%	20
			Hydroxide (OH)	2025/12/04	NC		%	20
C183304	JLP	Spiked Blank	pH	2025/12/04		100	%	97 - 103
C183304	JLP	RPD	pH	2025/12/04	0.82		%	N/A
C183395	CBK	Matrix Spike	Chloride (Cl)	2025/12/04		104	%	80 - 120
			Sulphate (SO4)	2025/12/04		NC	%	80 - 120
C183395	CBK	Spiked Blank	Chloride (Cl)	2025/12/04		101	%	80 - 120
			Sulphate (SO4)	2025/12/04		96	%	80 - 120
C183395	CBK	Method Blank	Chloride (Cl)	2025/12/04	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/12/04	ND, RDL=1.0		mg/L	
C183395	CBK	RPD	Chloride (Cl)	2025/12/04	NC		%	20
			Sulphate (SO4)	2025/12/04	0.30		%	20
C183396	CBK	Matrix Spike [DYA750-11]	Chloride (Cl)	2025/12/04		109	%	80 - 120
			Sulphate (SO4)	2025/12/04		102	%	80 - 120
C183396	CBK	Spiked Blank	Chloride (Cl)	2025/12/04		98	%	80 - 120
			Sulphate (SO4)	2025/12/04		96	%	80 - 120
C183396	CBK	Method Blank	Chloride (Cl)	2025/12/04	ND, RDL=1.0		mg/L	



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VERITAS

Bureau Veritas Job #: C598220  
Report Date: 2025/12/16

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

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Sulphate (SO4)	2025/12/04	ND, RDL=1.0		mg/L	
C183396	CBK	RPD [DYA750-11]	Chloride (Cl)	2025/12/04	NC		%	20
			Sulphate (SO4)	2025/12/04	NC		%	20
C183619	AG8	Matrix Spike	Total Dissolved Solids	2025/12/05		102	%	80 - 120
C183619	AG8	Spiked Blank	Total Dissolved Solids	2025/12/05		98	%	80 - 120
C183619	AG8	Method Blank	Total Dissolved Solids	2025/12/05	ND, RDL=10		mg/L	
C183619	AG8	RPD	Total Dissolved Solids	2025/12/05	1.9		%	20
C183628	AG8	Matrix Spike [DYA746-14]	Total Dissolved Solids	2025/12/05		102	%	80 - 120
C183628	AG8	Spiked Blank	Total Dissolved Solids	2025/12/05		100	%	80 - 120
C183628	AG8	Method Blank	Total Dissolved Solids	2025/12/05	ND, RDL=10		mg/L	
C183628	AG8	RPD	Total Dissolved Solids	2025/12/05	1.4		%	20
C183745	ESA	Matrix Spike [DYA753-15]	Total Suspended Solids	2025/12/05		102	%	80 - 120
C183745	ESA	Spiked Blank	Total Suspended Solids	2025/12/05		101	%	80 - 120
C183745	ESA	Method Blank	Total Suspended Solids	2025/12/05	ND, RDL=1.0		mg/L	
C183745	ESA	RPD [DYA752-15]	Total Suspended Solids	2025/12/05	0		%	20
C183748	AG8	Matrix Spike	Total Dissolved Solids	2025/12/05		103	%	80 - 120
C183748	AG8	Spiked Blank	Total Dissolved Solids	2025/12/05		98	%	80 - 120
C183748	AG8	Method Blank	Total Dissolved Solids	2025/12/05	ND, RDL=10		mg/L	
C183748	AG8	RPD	Total Dissolved Solids	2025/12/05	0		%	20
C183784	BB3	Matrix Spike	Total Ammonia (N)	2025/12/04		NC	%	80 - 120
C183784	BB3	Spiked Blank	Total Ammonia (N)	2025/12/04		101	%	80 - 120
C183784	BB3	Method Blank	Total Ammonia (N)	2025/12/04	ND, RDL=0.015		mg/L	
C183784	BB3	RPD	Total Ammonia (N)	2025/12/04	0.13		%	20
C183785	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/12/05		99	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/12/05		106	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/12/05		105	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/12/05		97	%	50 - 140
			1,1,1-trichloroethane	2025/12/05		99	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/12/05		95	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/12/05		93	%	50 - 140
			1,1,2-trichloroethane	2025/12/05		94	%	50 - 140
			1,1-dichloroethane	2025/12/05		103	%	50 - 140
			1,1-dichloroethene	2025/12/05		109	%	50 - 140
			1,2,3-trichlorobenzene	2025/12/05		106	%	50 - 140
			1,2,4-trichlorobenzene	2025/12/05		103	%	50 - 140
			1,2-dibromoethane	2025/12/05		94	%	50 - 140
			1,2-dichlorobenzene	2025/12/05		106	%	50 - 140
			1,2-dichloroethane	2025/12/05		93	%	50 - 140
			1,2-dichloropropane	2025/12/05		95	%	50 - 140
			1,3,5-trimethylbenzene	2025/12/05		115	%	50 - 140
			1,3-Butadiene	2025/12/05		91	%	50 - 140
			1,3-dichlorobenzene	2025/12/05		109	%	50 - 140
			1,3-dichloropropane	2025/12/05		97	%	50 - 140
			1,4-dichlorobenzene	2025/12/05		91	%	50 - 140
			Benzene	2025/12/05		98	%	50 - 140
			Bromobenzene	2025/12/05		100	%	50 - 140
			Bromodichloromethane	2025/12/05		96	%	50 - 140



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VERITAS

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Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Bromoform	2025/12/05		90	%	50 - 140
			Bromomethane	2025/12/05		88	%	50 - 140
			Carbon tetrachloride	2025/12/05		98	%	50 - 140
			Chlorobenzene	2025/12/05		96	%	50 - 140
			Dibromochloromethane	2025/12/05		92	%	50 - 140
			Chloroethane	2025/12/05		79	%	50 - 140
			Chloroform	2025/12/05		97	%	50 - 140
			Chloromethane	2025/12/05		92	%	50 - 140
			cis-1,2-dichloroethene	2025/12/05		95	%	50 - 140
			cis-1,3-dichloropropene	2025/12/05		92	%	50 - 140
			Dichlorodifluoromethane	2025/12/05		88	%	50 - 140
			Dichloromethane	2025/12/05		91	%	50 - 140
			Ethylbenzene	2025/12/05		113	%	50 - 140
			Hexachlorobutadiene	2025/12/05		99	%	50 - 140
			Isopropylbenzene	2025/12/05		107	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/12/05		82	%	50 - 140
			Styrene	2025/12/05		103	%	50 - 140
			Tetrachloroethene	2025/12/05		94	%	50 - 140
			Toluene	2025/12/05		101	%	50 - 140
			trans-1,2-dichloroethene	2025/12/05		103	%	50 - 140
			trans-1,3-dichloropropene	2025/12/05		75	%	50 - 140
			Trichloroethene	2025/12/05		92	%	50 - 140
			Trichlorofluoromethane	2025/12/05		92	%	50 - 140
			Vinyl chloride	2025/12/05		100	%	50 - 140
			m & p-Xylene	2025/12/05		119	%	50 - 140
			o-Xylene	2025/12/05		87	%	50 - 140
C183785	NGU	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/12/05		99	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/12/05		104	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/12/05		102	%	50 - 140
			VH C6-C10	2025/12/05		99	%	70 - 130
			1,1,1,2-tetrachloroethane	2025/12/05		88	%	60 - 130
			1,1,1-trichloroethane	2025/12/05		90	%	60 - 130
			1,1,2,2-tetrachloroethane	2025/12/05		85	%	60 - 130
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/12/05		84	%	60 - 130
			1,1,2-trichloroethane	2025/12/05		85	%	60 - 130
			1,1-dichloroethane	2025/12/05		94	%	60 - 130
			1,1-dichloroethene	2025/12/05		100	%	60 - 130
			1,2,3-trichlorobenzene	2025/12/05		98	%	60 - 130
			1,2,4-trichlorobenzene	2025/12/05		96	%	60 - 130
			1,2-dibromoethane	2025/12/05		87	%	60 - 130
			1,2-dichlorobenzene	2025/12/05		97	%	60 - 130
			1,2-dichloroethane	2025/12/05		84	%	60 - 130
			1,2-dichloropropane	2025/12/05		86	%	60 - 130
			1,3,5-trimethylbenzene	2025/12/05		106	%	60 - 130
			1,3-Butadiene	2025/12/05		83	%	50 - 140
			1,3-dichlorobenzene	2025/12/05		100	%	60 - 130
			1,3-dichloropropane	2025/12/05		88	%	60 - 130
			1,4-dichlorobenzene	2025/12/05		83	%	60 - 130
			Benzene	2025/12/05		90	%	60 - 130
			Bromobenzene	2025/12/05		92	%	60 - 130
			Bromodichloromethane	2025/12/05		87	%	60 - 130
			Bromoform	2025/12/05		80	%	60 - 130
			Bromomethane	2025/12/05		79	%	50 - 140



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VERITAS

Bureau Veritas Job #: C598220

Report Date: 2025/12/16

HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				Carbon tetrachloride	2025/12/05		89	%	60 - 130
				Chlorobenzene	2025/12/05		89	%	60 - 130
				Dibromochloromethane	2025/12/05		83	%	60 - 130
				Chloroethane	2025/12/05		72	%	50 - 140
				Chloroform	2025/12/05		86	%	60 - 130
				Chloromethane	2025/12/05		83	%	50 - 140
				cis-1,2-dichloroethene	2025/12/05		87	%	60 - 130
				cis-1,3-dichloropropene	2025/12/05		84	%	50 - 140
				Dichlorodifluoromethane	2025/12/05		80	%	50 - 140
				Dichloromethane	2025/12/05		82	%	60 - 130
				Ethylbenzene	2025/12/05		103	%	60 - 130
				Hexachlorobutadiene	2025/12/05		91	%	60 - 130
				Isopropylbenzene	2025/12/05		99	%	60 - 130
				Methyl-tert-butylether (MTBE)	2025/12/05		77	%	60 - 130
				Styrene	2025/12/05		94	%	60 - 130
				Tetrachloroethene	2025/12/05		89	%	60 - 130
				Toluene	2025/12/05		93	%	60 - 130
				trans-1,2-dichloroethene	2025/12/05		94	%	60 - 130
				trans-1,3-dichloropropene	2025/12/05		68	%	50 - 140
				Trichloroethene	2025/12/05		85	%	60 - 130
				Trichlorofluoromethane	2025/12/05		84	%	60 - 130
				Vinyl chloride	2025/12/05		91	%	50 - 140
				m & p-Xylene	2025/12/05		109	%	60 - 130
				o-Xylene	2025/12/05		81	%	60 - 130
C183785	NGU		Method Blank	1,4-Difluorobenzene (sur.)	2025/12/05		102	%	50 - 140
				4-Bromofluorobenzene (sur.)	2025/12/05		85	%	50 - 140
				D4-1,2-Dichloroethane (sur.)	2025/12/05		100	%	50 - 140
				VH C6-C10	2025/12/05	ND, RDL=300		ug/L	
				1,1,1,2-tetrachloroethane	2025/12/05	ND, RDL=0.50		ug/L	
				1,1,1-trichloroethane	2025/12/05	ND, RDL=0.50		ug/L	
				1,1,2,2-tetrachloroethane	2025/12/05	ND, RDL=0.50		ug/L	
				1,1,2Trichloro-1,2,2Trifluoroethane	2025/12/05	ND, RDL=2.0		ug/L	
				1,1,2-trichloroethane	2025/12/05	ND, RDL=0.50		ug/L	
				1,1-dichloroethane	2025/12/05	ND, RDL=0.50		ug/L	
				1,1-dichloroethene	2025/12/05	ND, RDL=0.50		ug/L	
				1,2,3-trichlorobenzene	2025/12/05	ND, RDL=2.0		ug/L	
				1,2,4-trichlorobenzene	2025/12/05	ND, RDL=2.0		ug/L	
				1,2-dibromoethane	2025/12/05	ND, RDL=0.20		ug/L	
				1,2-dichlorobenzene	2025/12/05	ND, RDL=0.50		ug/L	
				1,2-dichloroethane	2025/12/05	ND, RDL=0.50		ug/L	



**QUALITY ASSURANCE REPORT(CONT'D)**

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,2-dichloropropane	2025/12/05	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/12/05	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/12/05	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/12/05	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/12/05	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/12/05	ND, RDL=0.50		ug/L	
			Benzene	2025/12/05	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/12/05	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/12/05	ND, RDL=1.0		ug/L	
			Bromoform	2025/12/05	ND, RDL=1.0		ug/L	
			Bromomethane	2025/12/05	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/12/05	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/12/05	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/12/05	ND, RDL=1.0		ug/L	
			Chloroethane	2025/12/05	ND, RDL=1.0		ug/L	
			Chloroform	2025/12/05	ND, RDL=1.0		ug/L	
			Chloromethane	2025/12/05	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/12/05	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/12/05	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/12/05	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/12/05	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/12/05	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/12/05	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/12/05	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/12/05	ND, RDL=4.0		ug/L	
			Styrene	2025/12/05	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/12/05	ND, RDL=0.50		ug/L	



**QUALITY ASSURANCE REPORT(CONT'D)**

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Toluene	2025/12/05	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/12/05	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/12/05	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/12/05	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/12/05	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/12/05	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/12/05	ND, RDL=0.40		ug/L	
			o-Xylene	2025/12/05	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/12/05	ND, RDL=0.40		ug/L	
C183785	NGU	RPD	Benzene	2025/12/05	NC		%	30
			Bromodichloromethane	2025/12/05	NC		%	30
			Bromoform	2025/12/05	NC		%	30
			Dibromochloromethane	2025/12/05	NC		%	30
			Chloroform	2025/12/05	1.9		%	30
			Ethylbenzene	2025/12/05	NC		%	30
			Styrene	2025/12/05	NC		%	30
			Toluene	2025/12/05	NC		%	30
			m & p-Xylene	2025/12/05	NC		%	30
			o-Xylene	2025/12/05	NC		%	30
			Xylenes (Total)	2025/12/05	NC		%	30
C183787	BB3	Matrix Spike [DYA748-10]	Total Ammonia (N)	2025/12/04		95	%	80 - 120
C183787	BB3	Spiked Blank	Total Ammonia (N)	2025/12/04		102	%	80 - 120
C183787	BB3	Method Blank	Total Ammonia (N)	2025/12/04	ND, RDL=0.015		mg/L	
C183787	BB3	RPD [DYA748-10]	Total Ammonia (N)	2025/12/04	18		%	20
C183793	AA1	Matrix Spike	Total Aluminum (Al)	2025/12/05		106	%	80 - 120
			Total Antimony (Sb)	2025/12/05		102	%	80 - 120
			Total Arsenic (As)	2025/12/05		106	%	80 - 120
			Total Barium (Ba)	2025/12/05		NC	%	80 - 120
			Total Beryllium (Be)	2025/12/05		109	%	80 - 120
			Total Bismuth (Bi)	2025/12/05		91	%	80 - 120
			Total Boron (B)	2025/12/05		117	%	80 - 120
			Total Cadmium (Cd)	2025/12/05		94	%	80 - 120
			Total Cesium (Cs)	2025/12/05		90	%	80 - 120
			Total Chromium (Cr)	2025/12/05		91	%	80 - 120
			Total Cobalt (Co)	2025/12/05		89	%	80 - 120
			Total Copper (Cu)	2025/12/05		87	%	80 - 120
			Total Iron (Fe)	2025/12/05		97	%	80 - 120
			Total Lead (Pb)	2025/12/05		94	%	80 - 120
			Total Lithium (Li)	2025/12/05		99	%	80 - 120
			Total Manganese (Mn)	2025/12/05		90	%	80 - 120
			Total Molybdenum (Mo)	2025/12/05		NC	%	80 - 120
			Total Nickel (Ni)	2025/12/05		88	%	80 - 120
			Total Phosphorus (P)	2025/12/05		106	%	80 - 120



**QUALITY ASSURANCE REPORT(CONT'D)**

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Rubidium (Rb)	2025/12/05		NC	%	80 - 120
			Total Selenium (Se)	2025/12/05		97	%	80 - 120
			Total Silicon (Si)	2025/12/05		NC	%	80 - 120
			Total Silver (Ag)	2025/12/05		92	%	80 - 120
			Total Strontium (Sr)	2025/12/05		NC	%	80 - 120
			Total Tellurium (Te)	2025/12/05		97	%	80 - 120
			Total Thallium (Tl)	2025/12/05		95	%	80 - 120
			Total Thorium (Th)	2025/12/05		97	%	80 - 120
			Total Tin (Sn)	2025/12/05		100	%	80 - 120
			Total Titanium (Ti)	2025/12/05		102	%	80 - 120
			Total Uranium (U)	2025/12/05		99	%	80 - 120
			Total Vanadium (V)	2025/12/05		95	%	80 - 120
			Total Zinc (Zn)	2025/12/05		71 (1)	%	80 - 120
			Total Zirconium (Zr)	2025/12/05		107	%	80 - 120
C183793	AA1	Spiked Blank	Total Aluminum (Al)	2025/12/05		103	%	80 - 120
			Total Antimony (Sb)	2025/12/05		105	%	80 - 120
			Total Arsenic (As)	2025/12/05		105	%	80 - 120
			Total Barium (Ba)	2025/12/05		105	%	80 - 120
			Total Beryllium (Be)	2025/12/05		108	%	80 - 120
			Total Bismuth (Bi)	2025/12/05		99	%	80 - 120
			Total Boron (B)	2025/12/05		112	%	80 - 120
			Total Cadmium (Cd)	2025/12/05		101	%	80 - 120
			Total Cesium (Cs)	2025/12/05		94	%	80 - 120
			Total Chromium (Cr)	2025/12/05		104	%	80 - 120
			Total Cobalt (Co)	2025/12/05		101	%	80 - 120
			Total Copper (Cu)	2025/12/05		103	%	80 - 120
			Total Iron (Fe)	2025/12/05		106	%	80 - 120
			Total Lead (Pb)	2025/12/05		101	%	80 - 120
			Total Lithium (Li)	2025/12/05		110	%	80 - 120
			Total Manganese (Mn)	2025/12/05		98	%	80 - 120
			Total Molybdenum (Mo)	2025/12/05		104	%	80 - 120
			Total Nickel (Ni)	2025/12/05		96	%	80 - 120
			Total Phosphorus (P)	2025/12/05		104	%	80 - 120
			Total Rubidium (Rb)	2025/12/05		95	%	80 - 120
			Total Selenium (Se)	2025/12/05		101	%	80 - 120
			Total Silicon (Si)	2025/12/05		106	%	80 - 120
			Total Silver (Ag)	2025/12/05		100	%	80 - 120
			Total Strontium (Sr)	2025/12/05		100	%	80 - 120
			Total Tellurium (Te)	2025/12/05		103	%	80 - 120
			Total Thallium (Tl)	2025/12/05		100	%	80 - 120
			Total Thorium (Th)	2025/12/05		104	%	80 - 120
			Total Tin (Sn)	2025/12/05		102	%	80 - 120
			Total Titanium (Ti)	2025/12/05		104	%	80 - 120
			Total Uranium (U)	2025/12/05		99	%	80 - 120
			Total Vanadium (V)	2025/12/05		102	%	80 - 120
			Total Zinc (Zn)	2025/12/05		103	%	80 - 120
			Total Zirconium (Zr)	2025/12/05		103	%	80 - 120
C183793	AA1	Method Blank	Total Aluminum (Al)	2025/12/05	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/12/05	ND, RDL=0.020		ug/L	



**QUALITY ASSURANCE REPORT(CONT'D)**

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Barium (Ba)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/12/05	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/12/05	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/12/05	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/12/05	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/12/05	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/12/05	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/12/05	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/12/05	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/12/05	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/12/05	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/12/05	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/12/05	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/12/05	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/12/05	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/12/05	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/12/05	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/12/05	ND, RDL=0.0020		ug/L	



**QUALITY ASSURANCE REPORT(CONT'D)**

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C183793	AA1	RPD	Total Vanadium (V)	2025/12/05	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/12/05	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/12/05	ND, RDL=0.10		ug/L	
			Total Aluminum (Al)	2025/12/05	NC		%	20
			Total Antimony (Sb)	2025/12/05	NC		%	20
			Total Arsenic (As)	2025/12/05	NC		%	20
			Total Barium (Ba)	2025/12/05	7.6		%	20
			Total Beryllium (Be)	2025/12/05	NC		%	20
			Total Bismuth (Bi)	2025/12/05	NC		%	20
			Total Boron (B)	2025/12/05	NC		%	20
			Total Cadmium (Cd)	2025/12/05	NC		%	20
			Total Chromium (Cr)	2025/12/05	NC		%	20
			Total Cobalt (Co)	2025/12/05	NC		%	20
			Total Copper (Cu)	2025/12/05	13		%	20
			Total Iron (Fe)	2025/12/05	NC		%	20
			Total Lead (Pb)	2025/12/05	NC		%	20
			Total Lithium (Li)	2025/12/05	NC		%	20
			Total Manganese (Mn)	2025/12/05	NC		%	20
			Total Molybdenum (Mo)	2025/12/05	NC		%	20
			Total Nickel (Ni)	2025/12/05	4.0		%	20
			Total Selenium (Se)	2025/12/05	NC		%	20
			Total Silicon (Si)	2025/12/05	NC		%	20
			Total Silver (Ag)	2025/12/05	NC		%	20
			Total Strontium (Sr)	2025/12/05	NC		%	20
			Total Thallium (Tl)	2025/12/05	NC		%	20
			Total Tin (Sn)	2025/12/05	NC		%	20
			Total Titanium (Ti)	2025/12/05	NC		%	20
			Total Uranium (U)	2025/12/05	NC		%	20
			Total Vanadium (V)	2025/12/05	NC		%	20
			Total Zinc (Zn)	2025/12/05	1.9		%	20
			Total Zirconium (Zr)	2025/12/05	NC		%	20
			Total Aluminum (Al)	2025/12/05	3.9		%	20
			Total Antimony (Sb)	2025/12/05	1.2		%	20
			Total Arsenic (As)	2025/12/05	0.39		%	20
			Total Barium (Ba)	2025/12/05	0.87		%	20
			Total Beryllium (Be)	2025/12/05	9.5		%	20
			Total Bismuth (Bi)	2025/12/05	NC		%	20
			Total Boron (B)	2025/12/05	7.2		%	20
			Total Cadmium (Cd)	2025/12/05	6.6		%	20
			Total Cesium (Cs)	2025/12/05	0.59		%	20
			Total Chromium (Cr)	2025/12/05	NC		%	20
			Total Cobalt (Co)	2025/12/05	5.1		%	20
			Total Copper (Cu)	2025/12/05	8.4		%	20
Total Iron (Fe)	2025/12/05	1.4		%	20			
Total Lead (Pb)	2025/12/05	0.29		%	20			
Total Lithium (Li)	2025/12/05	0.57		%	20			
Total Manganese (Mn)	2025/12/05	2.2		%	20			
Total Molybdenum (Mo)	2025/12/05	2.0		%	20			
Total Nickel (Ni)	2025/12/05	5.3		%	20			
Total Phosphorus (P)	2025/12/05	5.7		%	20			



**QUALITY ASSURANCE REPORT(CONT'D)**

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Rubidium (Rb)	2025/12/05	1.1		%	20
			Total Selenium (Se)	2025/12/05	1.7		%	20
			Total Silicon (Si)	2025/12/05	2.3		%	20
			Total Silver (Ag)	2025/12/05	NC		%	20
			Total Strontium (Sr)	2025/12/05	3.0		%	20
			Total Tellurium (Te)	2025/12/05	NC		%	20
			Total Thallium (Tl)	2025/12/05	14		%	20
			Total Thorium (Th)	2025/12/05	NC		%	20
			Total Tin (Sn)	2025/12/05	NC		%	20
			Total Titanium (Ti)	2025/12/05	6.2		%	20
			Total Uranium (U)	2025/12/05	0.023		%	20
			Total Vanadium (V)	2025/12/05	0.34		%	20
			Total Zinc (Zn)	2025/12/05	12		%	20
			Total Zirconium (Zr)	2025/12/05	NC		%	20
C184273	BTM	Matrix Spike	Total Organic Carbon (C)	2025/12/08		104	%	80 - 120
C184273	BTM	Spiked Blank	Total Organic Carbon (C)	2025/12/08		98	%	80 - 120
C184273	BTM	Method Blank	Total Organic Carbon (C)	2025/12/08	ND, RDL=0.50		mg/L	
C184273	BTM	RPD	Total Organic Carbon (C)	2025/12/08	3.2		%	20
C184320	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/12/05		94	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/12/05		91	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/12/05		78	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/12/05		93	%	50 - 140
			Quinoline	2025/12/05		95	%	50 - 140
			Naphthalene	2025/12/05		68	%	50 - 140
			1-Methylnaphthalene	2025/12/05		71	%	50 - 140
			2-Methylnaphthalene	2025/12/05		67	%	50 - 140
			Acenaphthylene	2025/12/05		76	%	50 - 140
			Acenaphthene	2025/12/05		75	%	50 - 140
			Fluorene	2025/12/05		74	%	50 - 140
			Phenanthrene	2025/12/05		72	%	50 - 140
			Anthracene	2025/12/05		77	%	50 - 140
			Acridine	2025/12/05		82	%	50 - 140
			Fluoranthene	2025/12/05		77	%	50 - 140
			Pyrene	2025/12/05		75	%	50 - 140
			Benzo(a)anthracene	2025/12/05		75	%	50 - 140
			Chrysene	2025/12/05		79	%	50 - 140
			Benzo(b&j)fluoranthene	2025/12/05		82	%	50 - 140
			Benzo(k)fluoranthene	2025/12/05		76	%	50 - 140
			Benzo(a)pyrene	2025/12/05		75	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/12/05		78	%	50 - 140
			Dibenz(a,h)anthracene	2025/12/05		80	%	50 - 140
			Benzo(g,h,i)perylene	2025/12/05		82	%	50 - 140
C184320	JP1	Method Blank	D10-ANTHRACENE (sur.)	2025/12/05		97	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/12/05		95	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/12/05		81	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/12/05		97	%	50 - 140
			Quinoline	2025/12/05	ND, RDL=0.020		ug/L	
			Naphthalene	2025/12/05	ND, RDL=0.10		ug/L	
			1-Methylnaphthalene	2025/12/05	ND, RDL=0.050		ug/L	



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Bureau Veritas Job #: C598220

Report Date: 2025/12/16

HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			2-Methylnaphthalene	2025/12/05	ND, RDL=0.10		ug/L	
			Acenaphthylene	2025/12/05	ND, RDL=0.050		ug/L	
			Acenaphthene	2025/12/05	ND, RDL=0.050		ug/L	
			Fluorene	2025/12/05	ND, RDL=0.050		ug/L	
			Phenanthrene	2025/12/05	ND, RDL=0.050		ug/L	
			Anthracene	2025/12/05	ND, RDL=0.010		ug/L	
			Acridine	2025/12/05	ND, RDL=0.050		ug/L	
			Fluoranthene	2025/12/05	ND, RDL=0.020		ug/L	
			Pyrene	2025/12/05	ND, RDL=0.020		ug/L	
			Benzo(a)anthracene	2025/12/05	ND, RDL=0.010		ug/L	
			Chrysene	2025/12/05	ND, RDL=0.020		ug/L	
			Benzo(b&j)fluoranthene	2025/12/05	ND, RDL=0.030		ug/L	
			Benzo(k)fluoranthene	2025/12/05	ND, RDL=0.050		ug/L	
			Benzo(a)pyrene	2025/12/05	ND, RDL=0.0050		ug/L	
			Indeno(1,2,3-cd)pyrene	2025/12/05	ND, RDL=0.050		ug/L	
			Dibenz(a,h)anthracene	2025/12/05	ND, RDL=0.0030		ug/L	
			Benzo(g,h,i)perylene	2025/12/05	ND, RDL=0.050		ug/L	
C184320	JP1	RPD	Quinoline	2025/12/05	NC		%	40
			Naphthalene	2025/12/05	NC		%	40
			1-Methylnaphthalene	2025/12/05	NC		%	40
			2-Methylnaphthalene	2025/12/05	NC		%	40
			Acenaphthylene	2025/12/05	NC		%	40
			Acenaphthene	2025/12/05	NC		%	40
			Fluorene	2025/12/05	NC		%	40
			Phenanthrene	2025/12/05	NC		%	40
			Anthracene	2025/12/05	NC		%	40
			Acridine	2025/12/05	NC		%	40
			Fluoranthene	2025/12/05	NC		%	40
			Pyrene	2025/12/05	NC		%	40
			Benzo(a)anthracene	2025/12/05	NC		%	40
			Chrysene	2025/12/05	NC		%	40
			Benzo(b&j)fluoranthene	2025/12/05	NC		%	40
			Benzo(k)fluoranthene	2025/12/05	NC		%	40
			Benzo(a)pyrene	2025/12/05	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/12/05	NC		%	40
			Dibenz(a,h)anthracene	2025/12/05	NC		%	40
			Benzo(g,h,i)perylene	2025/12/05	NC		%	40



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

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C184325	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/12/05		105	%	60 - 140	
			EPH (C10-C19)	2025/12/05		94	%	70 - 130	
			EPH (C19-C32)	2025/12/05		119	%	70 - 130	
C184325	IT1	Method Blank	O-TERPHENYL (sur.)	2025/12/05		105	%	60 - 140	
			EPH (C10-C19)	2025/12/05	ND, RDL=0.20		mg/L		
			EPH (C19-C32)	2025/12/05	ND, RDL=0.20		mg/L		
C184396	MEM	Matrix Spike	Total Aluminum (Al)	2025/12/05		116	%	80 - 120	
			Total Antimony (Sb)	2025/12/05		103	%	80 - 120	
			Total Arsenic (As)	2025/12/05		104	%	80 - 120	
			Total Barium (Ba)	2025/12/05		99	%	80 - 120	
			Total Beryllium (Be)	2025/12/05		105	%	80 - 120	
			Total Bismuth (Bi)	2025/12/05		93	%	80 - 120	
			Total Boron (B)	2025/12/05		104	%	80 - 120	
			Total Cadmium (Cd)	2025/12/05		103	%	80 - 120	
			Total Cesium (Cs)	2025/12/05		98	%	80 - 120	
			Total Chromium (Cr)	2025/12/05		101	%	80 - 120	
			Total Cobalt (Co)	2025/12/05		97	%	80 - 120	
			Total Copper (Cu)	2025/12/05		94	%	80 - 120	
			Total Iron (Fe)	2025/12/05		116	%	80 - 120	
			Total Lead (Pb)	2025/12/05		98	%	80 - 120	
			Total Lithium (Li)	2025/12/05		99	%	80 - 120	
			Total Manganese (Mn)	2025/12/05		NC	%	80 - 120	
			Total Molybdenum (Mo)	2025/12/05		105	%	80 - 120	
			Total Nickel (Ni)	2025/12/05		97	%	80 - 120	
			Total Phosphorus (P)	2025/12/05		105	%	80 - 120	
			Total Rubidium (Rb)	2025/12/05		100	%	80 - 120	
			Total Selenium (Se)	2025/12/05		106	%	80 - 120	
			Total Silicon (Si)	2025/12/05		106	%	80 - 120	
			Total Silver (Ag)	2025/12/05		99	%	80 - 120	
			Total Strontium (Sr)	2025/12/05		NC	%	80 - 120	
			Total Tellurium (Te)	2025/12/05		109	%	80 - 120	
			Total Thallium (Tl)	2025/12/05		97	%	80 - 120	
			Total Thorium (Th)	2025/12/05		104	%	80 - 120	
			Total Tin (Sn)	2025/12/05		101	%	80 - 120	
			Total Titanium (Ti)	2025/12/05		98	%	80 - 120	
			Total Uranium (U)	2025/12/05		103	%	80 - 120	
			Total Vanadium (V)	2025/12/05		104	%	80 - 120	
			Total Zinc (Zn)	2025/12/05		99	%	80 - 120	
			Total Zirconium (Zr)	2025/12/05		105	%	80 - 120	
C184396	MEM	Spiked Blank	Total Aluminum (Al)	2025/12/05		102	%	80 - 120	
			Total Antimony (Sb)	2025/12/05		101	%	80 - 120	
			Total Arsenic (As)	2025/12/05		100	%	80 - 120	
			Total Barium (Ba)	2025/12/05		99	%	80 - 120	
			Total Beryllium (Be)	2025/12/05		101	%	80 - 120	
			Total Bismuth (Bi)	2025/12/05		93	%	80 - 120	
			Total Boron (B)	2025/12/05		101	%	80 - 120	
			Total Cadmium (Cd)	2025/12/05		103	%	80 - 120	
			Total Cesium (Cs)	2025/12/05		96	%	80 - 120	
			Total Chromium (Cr)	2025/12/05		102	%	80 - 120	
Total Cobalt (Co)	2025/12/05		102	%	80 - 120				
Total Copper (Cu)	2025/12/05		101	%	80 - 120				



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Bureau Veritas Job #: C598220

Report Date: 2025/12/16

HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Iron (Fe)	2025/12/05		104	%	80 - 120
			Total Lead (Pb)	2025/12/05		99	%	80 - 120
			Total Lithium (Li)	2025/12/05		95	%	80 - 120
			Total Manganese (Mn)	2025/12/05		101	%	80 - 120
			Total Molybdenum (Mo)	2025/12/05		104	%	80 - 120
			Total Nickel (Ni)	2025/12/05		103	%	80 - 120
			Total Phosphorus (P)	2025/12/05		101	%	80 - 120
			Total Rubidium (Rb)	2025/12/05		96	%	80 - 120
			Total Selenium (Se)	2025/12/05		103	%	80 - 120
			Total Silicon (Si)	2025/12/05		105	%	80 - 120
			Total Silver (Ag)	2025/12/05		101	%	80 - 120
			Total Strontium (Sr)	2025/12/05		98	%	80 - 120
			Total Tellurium (Te)	2025/12/05		99	%	80 - 120
			Total Thallium (Tl)	2025/12/05		96	%	80 - 120
			Total Thorium (Th)	2025/12/05		99	%	80 - 120
			Total Tin (Sn)	2025/12/05		99	%	80 - 120
			Total Titanium (Ti)	2025/12/05		100	%	80 - 120
			Total Uranium (U)	2025/12/05		100	%	80 - 120
			Total Vanadium (V)	2025/12/05		102	%	80 - 120
			Total Zinc (Zn)	2025/12/05		102	%	80 - 120
			Total Zirconium (Zr)	2025/12/05		95	%	80 - 120
C184396	MEM	Method Blank	Total Aluminum (Al)	2025/12/05	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/12/05	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/12/05	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/12/05	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/12/05	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/12/05	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/12/05	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/12/05	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/12/05	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/12/05	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/12/05	ND, RDL=0.10		ug/L	



**QUALITY ASSURANCE REPORT(CONT'D)**

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Molybdenum (Mo)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/12/05	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/12/05	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/12/05	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/12/05	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/12/05	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/12/05	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/12/05	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/12/05	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/12/05	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/12/05	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/12/05	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/12/05	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/12/05	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/12/05	ND, RDL=0.10		ug/L	
C184396	MEM	RPD [DYA735-08]	Total Aluminum (Al)	2025/12/05	28 (1)		%	20
			Total Antimony (Sb)	2025/12/05	10		%	20
			Total Arsenic (As)	2025/12/05	0.80		%	20
			Total Barium (Ba)	2025/12/05	15		%	20
			Total Beryllium (Be)	2025/12/05	NC		%	20
			Total Bismuth (Bi)	2025/12/05	NC		%	20
			Total Boron (B)	2025/12/05	4.4		%	20
			Total Cadmium (Cd)	2025/12/05	NC		%	20
			Total Cesium (Cs)	2025/12/05	NC		%	20
			Total Chromium (Cr)	2025/12/05	NC		%	20
			Total Cobalt (Co)	2025/12/05	NC		%	20
			Total Copper (Cu)	2025/12/05	12		%	20
			Total Iron (Fe)	2025/12/05	26 (1)		%	20
			Total Lead (Pb)	2025/12/05	19		%	20
			Total Lithium (Li)	2025/12/05	5.7		%	20
			Total Manganese (Mn)	2025/12/05	8.1		%	20
			Total Molybdenum (Mo)	2025/12/05	0.16		%	20
			Total Nickel (Ni)	2025/12/05	0.83		%	20
			Total Phosphorus (P)	2025/12/05	15		%	20
			Total Rubidium (Rb)	2025/12/05	8.2		%	20



**QUALITY ASSURANCE REPORT(CONT'D)**

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Selenium (Se)	2025/12/05	NC		%	20
			Total Silicon (Si)	2025/12/05	0.74		%	20
			Total Silver (Ag)	2025/12/05	NC		%	20
			Total Strontium (Sr)	2025/12/05	1.6		%	20
			Total Tellurium (Te)	2025/12/05	NC		%	20
			Total Thallium (Tl)	2025/12/05	6.1		%	20
			Total Thorium (Th)	2025/12/05	NC		%	20
			Total Tin (Sn)	2025/12/05	NC		%	20
			Total Titanium (Ti)	2025/12/05	NC		%	20
			Total Uranium (U)	2025/12/05	0.75		%	20
			Total Vanadium (V)	2025/12/05	12		%	20
			Total Zinc (Zn)	2025/12/05	5.5		%	20
			Total Zirconium (Zr)	2025/12/05	NC		%	20
C184438	GCM	Matrix Spike [DYA750-09]	Total Phosphorus (P)	2025/12/05		202	%	N/A
C184438	GCM	Spiked Blank	Total Phosphorus (P)	2025/12/05		112	%	80 - 120
C184438	GCM	Method Blank	Total Phosphorus (P)	2025/12/05	0.0013, RDL=0.0010		mg/L	
C184438	GCM	RPD [DYA750-09]	Total Phosphorus (P)	2025/12/05	NC		%	20
C184461	ESA	Matrix Spike	Total Suspended Solids	2025/12/06		104	%	80 - 120
C184461	ESA	Spiked Blank	Total Suspended Solids	2025/12/06		102	%	80 - 120
C184461	ESA	Method Blank	Total Suspended Solids	2025/12/06	ND, RDL=1.0		mg/L	
C184461	ESA	RPD	Total Suspended Solids	2025/12/06	NC		%	20
C184484	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/12/05		106	%	80 - 120
C184484	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/12/05		105	%	80 - 120
C184484	CJY	Method Blank	Dissolved Fluoride (F)	2025/12/05	ND, RDL=0.050		mg/L	
C184484	CJY	RPD	Fluoride (F)	2025/12/05	NC		%	20
C184524	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/12/05		104	%	80 - 120
C184524	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/12/05		104	%	80 - 120
C184524	CJY	Method Blank	Dissolved Fluoride (F)	2025/12/05	ND, RDL=0.050		mg/L	
C184524	CJY	RPD	Fluoride (F)	2025/12/05	NC		%	20
C184589	CJY	Matrix Spike [DYA748-06]	Dissolved Fluoride (F)	2025/12/05		106	%	80 - 120
C184589	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/12/05		108	%	80 - 120
C184589	CJY	Method Blank	Dissolved Fluoride (F)	2025/12/05	ND, RDL=0.050		mg/L	
C184589	CJY	RPD [DYA752-08]	Fluoride (F)	2025/12/05	1.7		%	20
C184655	BTM	Matrix Spike	Dissolved Organic Carbon (C)	2025/12/08		95	%	80 - 120
C184655	BTM	Spiked Blank	Dissolved Organic Carbon (C)	2025/12/08		100	%	80 - 120
C184655	BTM	Method Blank	Dissolved Organic Carbon (C)	2025/12/08	ND, RDL=0.50		mg/L	
C184655	BTM	RPD	Dissolved Organic Carbon (C)	2025/12/08	NC		%	20
C184990	C2L	Matrix Spike	Total Mercury (Hg)	2025/12/05		104	%	80 - 120
C184990	C2L	Spiked Blank	Total Mercury (Hg)	2025/12/05		100	%	80 - 120
C184990	C2L	Method Blank	Total Mercury (Hg)	2025/12/05	ND, RDL=0.0019		ug/L	
C184990	C2L	RPD	Total Mercury (Hg)	2025/12/05	NC		%	20
C185020	C2L	Matrix Spike [DYA735-05]	Total Mercury (Hg)	2025/12/05		99	%	80 - 120
C185020	C2L	Spiked Blank	Total Mercury (Hg)	2025/12/05		93	%	80 - 120
C185020	C2L	Method Blank	Total Mercury (Hg)	2025/12/08	ND, RDL=0.0019		ug/L	
C185020	C2L	RPD [DYA735-05]	Total Mercury (Hg)	2025/12/05	NC		%	20



BUREAU  
VERITAS

Bureau Veritas Job #: C598220  
Report Date: 2025/12/16

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

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C185723	JLD	Matrix Spike	Phenols	2025/12/08		103	%	80 - 120
C185723	JLD	Spiked Blank	Phenols	2025/12/08		96	%	80 - 120
C185723	JLD	Method Blank	Phenols	2025/12/08	ND, RDL=0.0015		mg/L	
C185723	JLD	RPD	Phenols	2025/12/08	NC		%	20
C185828	NJD	Matrix Spike	Total Sulphide	2025/12/08		102	%	80 - 120
C185828	NJD	Spiked Blank	Total Sulphide	2025/12/08		103	%	80 - 120
C185828	NJD	Method Blank	Total Sulphide	2025/12/08	ND, RDL=0.0018		mg/L	
C185828	NJD	RPD	Total Sulphide	2025/12/08	NC		%	20
C185858	AAX	Matrix Spike	Methyl Sulfone (sur.)	2025/12/09		93	%	50 - 140
			Ethylene Glycol	2025/12/09		98	%	60 - 140
			Diethylene Glycol	2025/12/09		116	%	60 - 140
			Triethylene Glycol	2025/12/09		110	%	60 - 140
			Propylene Glycol	2025/12/09		102	%	60 - 140
C185858	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/12/09		87	%	50 - 140
			Ethylene Glycol	2025/12/09		95	%	70 - 130
			Diethylene Glycol	2025/12/09		112	%	70 - 130
			Triethylene Glycol	2025/12/09		104	%	70 - 130
			Propylene Glycol	2025/12/09		98	%	70 - 130
C185858	AAX	Method Blank	Methyl Sulfone (sur.)	2025/12/09		92	%	50 - 140
			Ethylene Glycol	2025/12/09	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/12/09	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/12/09	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/12/09	ND, RDL=5.0		mg/L	
C185858	AAX	RPD	Ethylene Glycol	2025/12/09	NC		%	30
			Diethylene Glycol	2025/12/09	NC		%	30
			Triethylene Glycol	2025/12/09	NC		%	30
			Propylene Glycol	2025/12/09	NC		%	30
C186185	C2L	Matrix Spike	Dissolved Mercury (Hg)	2025/12/08		105	%	80 - 120
C186185	C2L	Spiked Blank	Dissolved Mercury (Hg)	2025/12/08		107	%	80 - 120
C186185	C2L	Method Blank	Dissolved Mercury (Hg)	2025/12/08	ND, RDL=0.0019		ug/L	
C186185	C2L	RPD	Dissolved Mercury (Hg)	2025/12/08	NC		%	20
C186680	SOM	Matrix Spike	Bromide (Br)	2025/12/09		103	%	78 - 120
C186680	SOM	Spiked Blank	Bromide (Br)	2025/12/09		95	%	80 - 120
C186680	SOM	Method Blank	Bromide (Br)	2025/12/09	ND, RDL=0.010		mg/L	
C186680	SOM	RPD	Bromide (Br)	2025/12/09	NC		%	20
C186702	SOM	Matrix Spike [DYA751-11]	Bromide (Br)	2025/12/09		101	%	78 - 120
C186702	SOM	Spiked Blank	Bromide (Br)	2025/12/09		97	%	80 - 120
C186702	SOM	Method Blank	Bromide (Br)	2025/12/09	ND, RDL=0.010		mg/L	
C186702	SOM	RPD [DYA751-11]	Bromide (Br)	2025/12/09	NC		%	20
C188269	JLP	Matrix Spike [DYA735-02]	Total Hex. Chromium (Cr 6+)	2025/12/10		105	%	80 - 120
C188269	JLP	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/12/10		118	%	80 - 120
C188269	JLP	Method Blank	Total Hex. Chromium (Cr 6+)	2025/12/10	ND, RDL=0.00099		mg/L	



Bureau Veritas Job #: C598220  
 Report Date: 2025/12/16

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

### QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	C188269	JLP	RPD [DYA735-02]	Total Hex. Chromium (Cr 6+)	2025/12/10	NC		%	20
<p>N/A = Not Applicable</p> <p>Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.</p> <p>Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.</p> <p>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.</p> <p>Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.</p> <p>Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.</p> <p>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)</p> <p>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 &lt;= 2x RDL).</p> <p>(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.</p>									



BUREAU  
VERITAS

Bureau Veritas Job #: C598220  
Report Date: 2025/12/16

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

### VALIDATION SIGNATURE PAGE

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

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

Jared Wiseman, B.Sc., P.Chem., QP, Senior Analyst, Organics

Levi Manchak, Project Manager SR

Melissa Thompson, Scientist

Sandy Yuan, M.Sc., QP, 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.



MVAN-2025-12-194

### Custody Tracking Form

eCOC Number  
**W119514**



Please use this form for custody tracking when submitting the work instructions via eCOC (electronic Chain of Custody). Please ensure your form has a barcode or a Bureau Veritas eCOC confirmation number in the top right hand side. This number links your electronic submission to your samples. This form should be placed in the cooler with your samples.

Hayley Masson	JM	Date	Dec 2/25	Emmanuel Salido	EK	Date	2025/12/02
		Time (24 HR)	17:25			Time (24 HR)	17:33
		Date				Date	
		Time (24 HR)				Time (24 HR)	
		Date				Date	
		Time (24 HR)				Time (24 HR)	

Unless otherwise agreed to, submissions and use of services are governed by Bureau Veritas' standard terms and conditions which can be found at [www.bvna.com](http://www.bvna.com).

Sampled By (Print): <b>Hayley Masson</b>	# of Coolers/Pkgs: <b>5</b>	Risk <input type="checkbox"/>	Immediate Test <input type="checkbox"/>	Pool Residue <input type="checkbox"/>
		Micro <input type="checkbox"/>		Food Chemistry <input type="checkbox"/>

Received At: <input type="text"/>	Lab Comments: <input type="text"/>	Custody Seal		Cooling Media		Temperature °C		
Labeled At: <input type="text"/>		Present (Y/N)	Intact (Y/N)	Present (Y/N)		1	2	3
Verified At: <input type="text"/>		<b>ACTR</b>						
		Drinking Water Micro Preservation Check Done (Circle) YES NO						



ADDITIONAL COOLER TEMPERATURE RECORD  
CHAIN-OF-CUSTODY RECORD

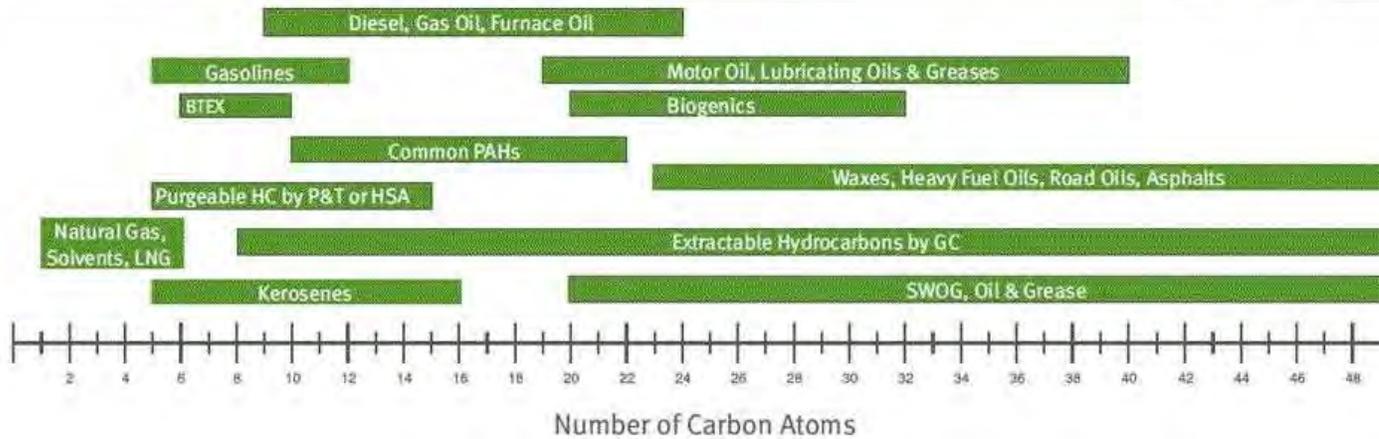
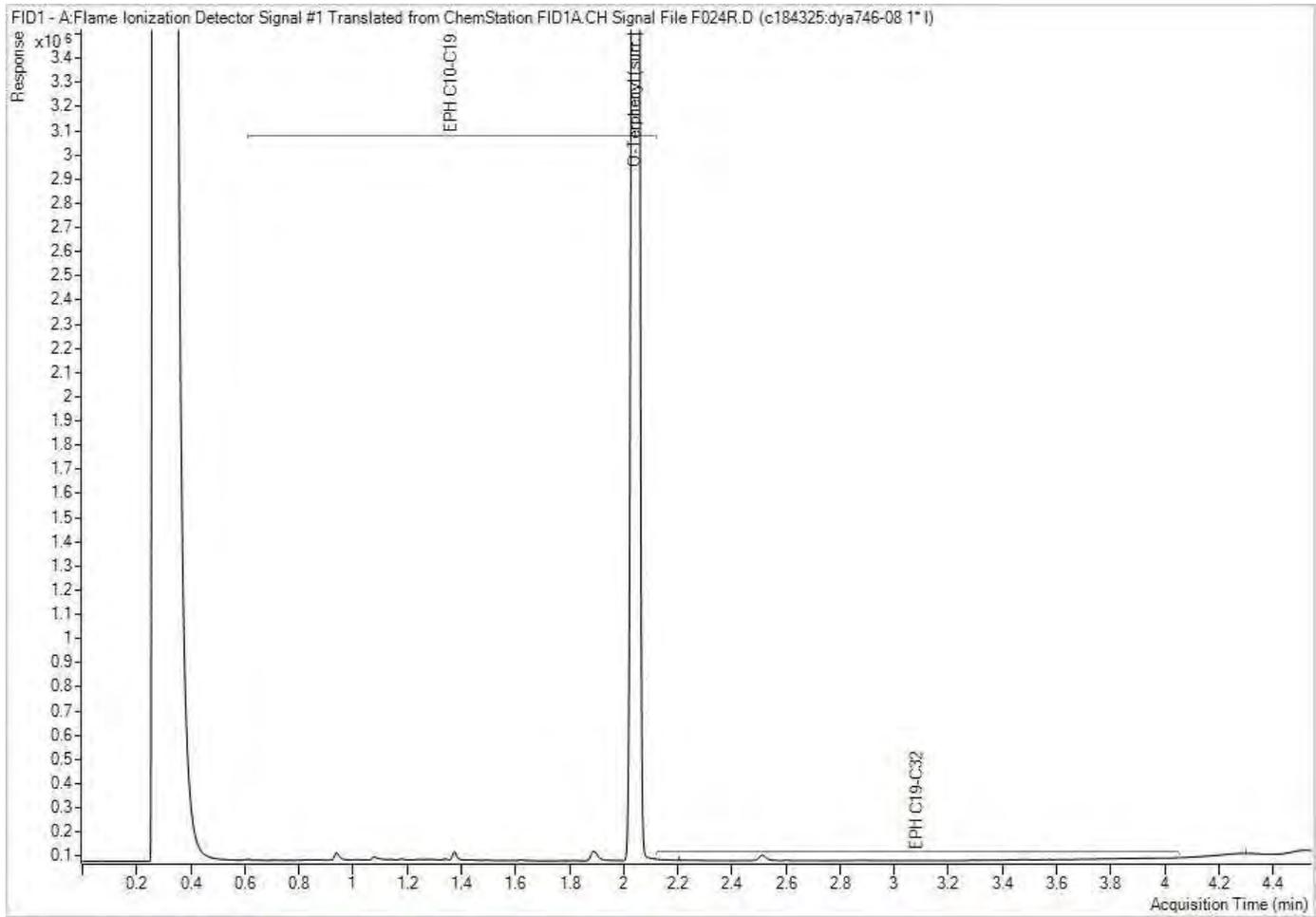
08559503

COOLER OBSERVATIONS:										BV RECEIPT#:									
Matt Field																			
1	CUSTODY SEAL	YES	NO	COOLER ID	11	CUSTODY SEAL	YES	NO	COOLER ID	21	CUSTODY SEAL	YES	NO	COOLER ID					
	PRESENT			TEMP		10	10	10	1		1	3	TEMP	1	2	3			
	INTACT																		
	ICE PRESENT																		
2	CUSTODY SEAL	YES	NO	COOLER ID	12	CUSTODY SEAL	YES	NO	COOLER ID	22	CUSTODY SEAL	YES	NO	COOLER ID					
	PRESENT			TEMP		9	9	5	1		2	3	TEMP	1	2	3			
	INTACT																		
	ICE PRESENT																		
3	CUSTODY SEAL	YES	NO	COOLER ID	13	CUSTODY SEAL	YES	NO	COOLER ID	23	CUSTODY SEAL	YES	NO	COOLER ID					
	PRESENT			TEMP		7	6	6	1		2	3	TEMP	1	2	3			
	INTACT																		
	ICE PRESENT																		
4	CUSTODY SEAL	YES	NO	COOLER ID	14	CUSTODY SEAL	YES	NO	COOLER ID	24	CUSTODY SEAL	YES	NO	COOLER ID					
	PRESENT			TEMP		10	9	10	1		2	3	TEMP	1	2	3			
	INTACT																		
	ICE PRESENT																		
5	CUSTODY SEAL	YES	NO	COOLER ID	15	CUSTODY SEAL	YES	NO	COOLER ID	25	CUSTODY SEAL	YES	NO	COOLER ID					
	PRESENT			TEMP		7	7	9	1		2	3	TEMP	1	2	3			
	INTACT																		
	ICE PRESENT																		
6	CUSTODY SEAL	YES	NO	COOLER ID	16	CUSTODY SEAL	YES	NO	COOLER ID	26	CUSTODY SEAL	YES	NO	COOLER ID					
	PRESENT			TEMP					1		2	3	TEMP	1	2	3			
	INTACT																		
	ICE PRESENT																		
7	CUSTODY SEAL	YES	NO	COOLER ID	17	CUSTODY SEAL	YES	NO	COOLER ID	27	CUSTODY SEAL	YES	NO	COOLER ID					
	PRESENT			TEMP					1		2	3	TEMP	1	2	3			
	INTACT																		
	ICE PRESENT																		
8	CUSTODY SEAL	YES	NO	COOLER ID	18	CUSTODY SEAL	YES	NO	COOLER ID	28	CUSTODY SEAL	YES	NO	COOLER ID					
	PRESENT			TEMP					1		2	3	TEMP	1	2	3			
	INTACT																		
	ICE PRESENT																		
9	CUSTODY SEAL	YES	NO	COOLER ID	19	CUSTODY SEAL	YES	NO	COOLER ID	29	CUSTODY SEAL	YES	NO	COOLER ID					
	PRESENT			TEMP					1		2	3	TEMP	1	2	3			
	INTACT																		
	ICE PRESENT																		
10	CUSTODY SEAL	YES	NO	COOLER ID	20	CUSTODY SEAL	YES	NO	COOLER ID	30	CUSTODY SEAL	YES	NO	COOLER ID					
	PRESENT			TEMP					1		2	3	TEMP	1	2	3			
	INTACT																		
	ICE PRESENT																		

RECEIVED BY (SIGN & PRINT)	DATE (YYYY/MM/DD)	TIME (HH:MM)
Emmanuel Salido <i>ES</i>	2025/12/02	17:33

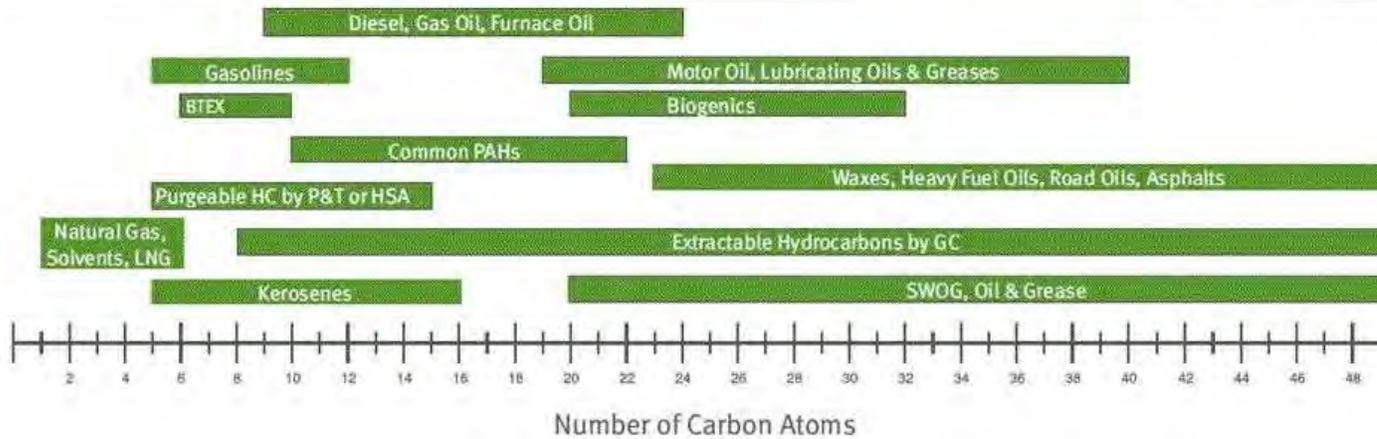
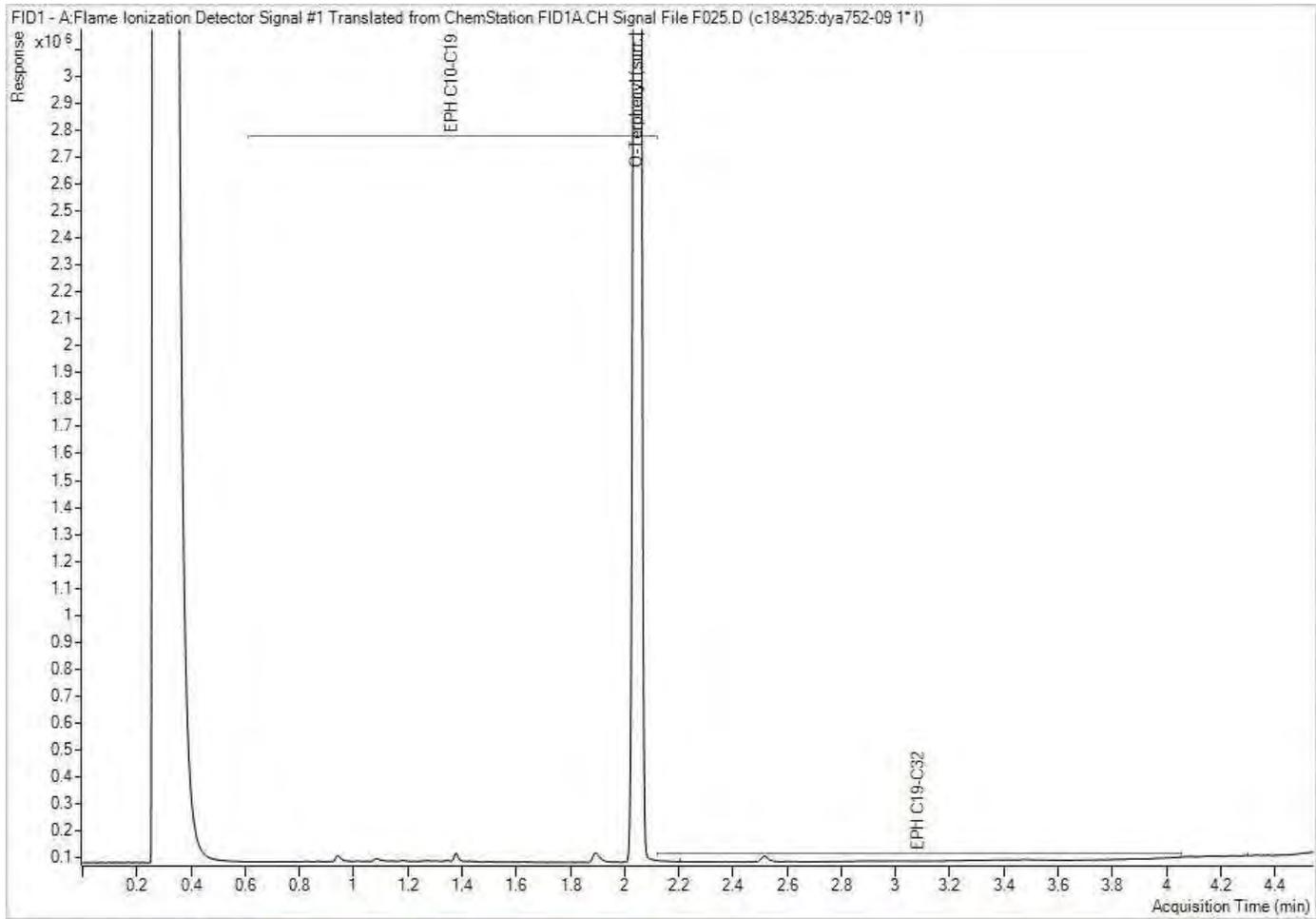
If Custody seal condition and presence of ice is the same for all, use these boxes:	CUSTODY SEAL	YES	NO
	PRESENT		<input checked="" type="checkbox"/>
	INTACT		<input checked="" type="checkbox"/>
	ICE PRESENT		<input checked="" type="checkbox"/>

EPH in Water when PAH required Chromatogram



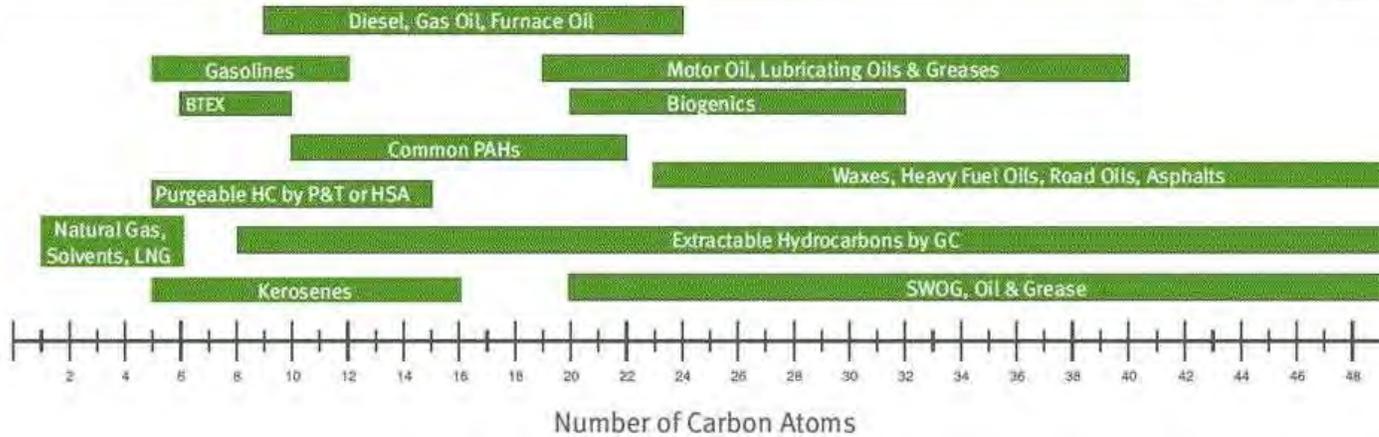
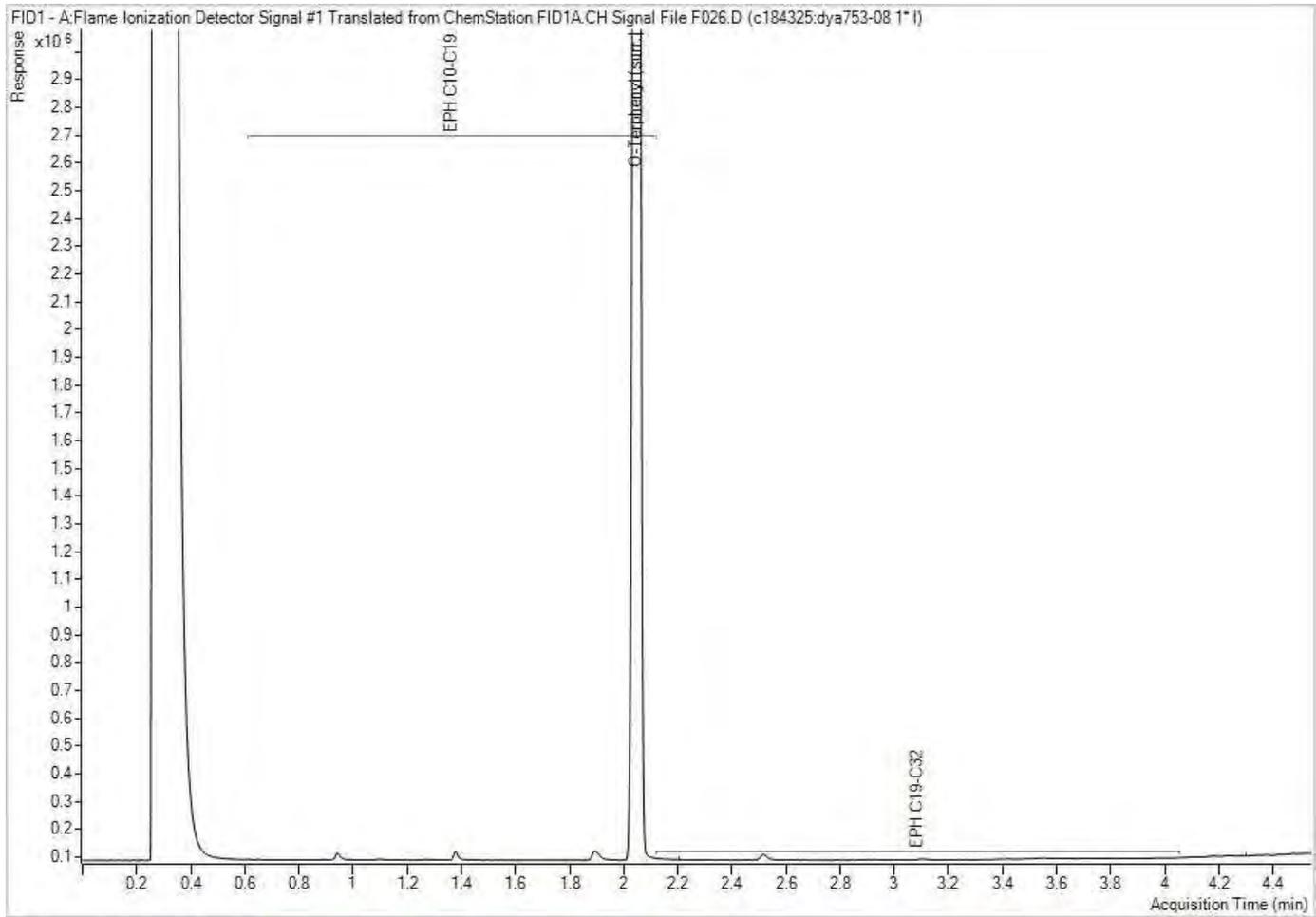
Note: This information is provided for reference purposes only. Should detailed chemist interpretation or fingerprinting be required, please contact the laboratory.

EPH in Water when PAH required Chromatogram



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

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: W119514



Project Information: C598220  
 Job Received: 2025/12/02 17:33  
 Expected TAT: Standard TAT  
 Expected Arrival: 2025/12/02 17:00  
 Submitted By: Sam Wolf  
 Submitted To: Burnaby ENV: 4606  
 Canada Way

**Invoice Information**

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

**Report Information**

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

**Project Information**

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

**Analytical Summary**

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Woodfibre 2025	Woodfibre Additional 2025	Woodfibre Blank 2025	Rainbow Trout LC50 Multi-concentration	Set Number
WLNG-DS	1	2025/12/02	WATER	14	A				1
WLNG -EOP	2	2025/12/02	WATER	22	A	A		A	2
WLNG-US	3	2025/12/02	WATER	14	A				1
SQRI-US	4	2025/12/02	WATER	14	A				1
SQRI-DS	5	2025/12/02	WATER	14	A				1
Field Blank	6	2025/12/02	WATER	14			A		3
Trip Blank	7	2025/12/02	WATER	14			A		3
DUP	8	2025/12/02	WATER	18	A	A			4

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

**Submission Information**

# of Samples: 8

**Sample Set Listing**

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



# RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

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

**Job Number:** C598220

**Test Result:**

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

**Sample Name :** WLNG -EOP

**Description:** Clear and colourless **Sample Number:** DYA746-13  
**Sample Collected:** Dec 02, 2025 **Sampling Method :** N/A **Site Collection:** N/A  
**Sample Collected By:** N/A **Volume Received:** 4 x ECO10 **Avg Temp Arrival:** 8 °C **Storage:** 2-6°C  
**Sample Received:** Dec 02, 2025 05:33 PM **pH:** 7.5 **Dissolved Oxygen:** 10.5 mg/L  
**Analysis Start :** Dec 04, 2025 01:15 PM **Temperature :** 14 °C **Sample Conductance:** 150 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	14	15	10.3	9.8	7.6	7.6	48	0	0	0
6.25	14	15	10.3	9.7	7.5	7.6	56	0	0	0
12.5	14	15	10.3	9.7	7.5	7.6	62	0	0	0
25	14	15	10.4	9.8	7.6	7.7	76	0	0	0
50	14	15	10.4	9.8	7.6	7.7	106	0	0	0
100	14	14	10.4	9.9	7.7	8.0	152	0	0	0

**Comments :** All fish appeared and behaved normally at 24 hours, 48 hours, 72 hours, and 96 hours into testing.  
At 48 hours, there was a fluffy beige-coloured precipitate on the bottom of the 12.5% up to the 100% v/v concentration tanks.

**Culture/Control/Dilution Water**

Burnaby Municipal Dechlorinated Water

**Hardness:** 25 mg/L CaCO<sub>3</sub> Other parameters available on request.

**Test Conditions**

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

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

**Test Organism :**

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

**Culture Temperature :** 15 ± 2 °C **Weight (Mean) +- SD :** 0.5 ± 0.2 g **Length (Mean) +- SD :** 3.98 ± 0.45 cm  
**Culture Water Renewal :** ≥ 1L/min/kg fish **Weight (Range) :** 0.2 – 0.9 g **Length (Range) :** 3.20 – 4.60 cm  
**Culture Photoperiod :** 16:8 (light: dark) **% Mortality within 7 days :** 0%  
**Feeding rate and frequency :** daily: 1-5% biomass of trout. **Acclimation Time:** >14 days

**Reference chemical:**

Zinc **Test Date:** Nov 28, 2025

**Test Endpoint 96 hrs LC50 (95% confidence interval) :** 0.21 (0.04, 0.32)mg/L **Statistical Method :** Binomial

**Historical Mean LC50 (warning limits) :** 0.24 (0.13, 0.46) 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, Melissa Thompson, Navpreet Shergill

**Verified By :** Melissa Thompson, Scientist

**Date:** Dec 16, 2025 05:30 AM



# RESULTS OF RAINBOW TROUT LC50 MULTI-CONCENTRATION

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

**Job Number:** C598220

**Test Result:**

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

**Sample Name :** BCR-EOP

**Description:** Clear and colourless **Sample Number:** DYA753-13  
**Sample Collected:** Dec 02, 2025 **Sampling Method :** N/A **Site Collection:** N/A  
**Sample Collected By:** N/A **Volume Received:** 4 x ECO10 **Avg Temp Arrival:** 8 °C **Storage:** 2-6°C  
**Sample Received:** Dec 02, 2025 05:33 PM **pH:** 7.2 **Dissolved Oxygen:** 10.6 mg/L  
**Analysis Start :** Dec 04, 2025 01:50 PM **Temperature :** 14 °C **Sample Conductance:** 4476 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	14	15	10.3	9.8	7.6	7.6	48	0	0	0
6.25	14	15	10.4	9.7	7.4	7.6	467	0	0	0
12.5	14	15	10.2	9.9	7.5	7.6	854	0	0	0
25	14	15	10.5	9.8	7.4	7.6	1419	0	0	0
50	14	14	10.3	9.8	7.5	7.7	2490	0	0	0
100	14	14	10.2	9.8	7.5	7.8	4464	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<sub>3</sub> Other parameters available on request.

**Test Conditions**

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

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

**Test Organism :**

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

**Culture Temperature :** 15 ± 2 °C **Weight (Mean) +- SD :** 0.5 ± 0.2 g **Length (Mean) +- SD :** 3.98 ± 0.45 cm  
**Culture Water Renewal :** ≥ 1L/min/kg fish **Weight (Range) :** 0.2 – 0.9 g **Length (Range) :** 3.20 – 4.60 cm  
**Culture Photoperiod :** 16:8 (light: dark) **% Mortality within 7 days :** 0%  
**Feeding rate and frequency :** daily: 1-5% biomass of trout. **Acclimation Time:** >14 days

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**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, Melissa Thompson, Navpreet Shergill

**Verified By :** Melissa Thompson, Scientist

**Date:** Dec 16, 2025 05:35 AM