



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

Reporting Week	Dec 8 th to Dec 14 th , 2025
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Eagle Mountain - Woodfibre Gas Pipeline Project

BCER Waste Discharge Permit Weekly Report



**Eagle Mountain - Woodfibre Gas Pipeline Project
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Appendix A: BC Rail Point of Discharge from Water Treatment System Documentation

Appendix B: BC Rail Receiving Environment Documentation

Appendix C: Woodfibre Point of Discharge from Water Treatment System Documentation

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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 Observator NEP9504GPI
	Electrical Conductivity	Monitoring using ProCon C450
Weekly (or per batch) Lab Samples	List prescribed in permit	Lab samples

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

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

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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.

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	2025-12-09	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	2025-12-09	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

Due to technical issues with the equipment, data could not be retrieved from the SQU US sonde between December 8 and December 14.

SQU DS

2025-12-11: Temperature, conductivity, ORP, pH, DO, turbidity and salinity data were missing at 8:45.

Summary-Woodfibre

Site Activities and Exceedances

- Weekly upstream, downstream and end of pipe taken by the QP.
- Ongoing tunnelling at WLNG and grouting works to mitigate water ingress.



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- Field pH measured at WLNG EOP on December 9th at 9:45am was 6.47 which was less than the BC freshwater WQGPAL range (6.5 to 9). PLC Data from the same time measured a pH of 7.2.
 - Field pH at the upstream reference station WLNG US (6.24) was less than the BC freshwater WQGPAL range (6.5 to 9), indicating low pH in background conditions.
 - The field pH at the downstream station WLNG DS (6.68) was within the BC freshwater WQGPAL range (6.5 to 9).
 - These results suggest negligible additional risk to downstream aquatic life from the EOP pH exceedance event on December 9, 2025 given that discharged concentrations were greater than background conditions and the downstream results were within the BC freshwater WQGPAL range.
- The WLNG EOP D-Cu concentration (0.000281 mg/L) was above its sample-specific BC ST WQGPAL (freshwater) of 0.0002 mg/L by a factor of 1.4 times, although it is important to note that this guideline includes a 2-fold safety factor.
 - The D-Cu at the upstream reference station WLNG US (0.00121 mg/L) was above its sample specific BC ST WQGPAL (freshwater) of 0.00035 mg/L by a factor of 3.4 times and exceeded the value observed in the EOP sample, indicating elevated background concentrations.
 - D-Cu at the downstream WLNG DS (0.000814 mg/L) station was above its sample-specific BC ST WQGPAL (freshwater) of 0.00035 mg/L by a factor of 2.3 times but below the WLNG US upstream reference station results.
 - These results suggest negligible additional risk to downstream aquatic life from the EOP D-Cu discharge concentration on December 9, 2025 given that it was less than the upstream reference results.
- Turbidity at EAS DS exceeded the short-term guideline (Change from background of 8 NTU) for a period of more than 24 hours from December 8 at 17:00 to December 10 at 12:00.
 - A review of FKM's continuous EOP turbidity monitoring (Figure 1) shows that EOP turbidity values remained well below the EAS DS turbidity values for most of the exceedance event from December 8 to December 10.
 - Based on this misalignment between the EAS DS and WLNG EOP results for most of the exceedance event (with turbidity levels reported higher at EAS DS than at WLNG EOP), as well as the fact that turbidity levels in the WLNG EOP did not exceed BC acute WQGs continuously for the 24-hour period in question, these results suggest that the elevated turbidity was not directly linked to discharge quality and is therefore not a reportable exceedance.
 - The Downstream sonde was cleaned on Dec 2nd, causing the turbidity to drop. In-situ NTU measurements from Dec 9th sampling was 7.46 at the EAS DS and 5.55 at the EOP.

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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	2025-12-09	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	2025-12-09	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:

2025-12-08: Temperature, conductivity and salinity data were missing at 00:00 and 6:00.

2025-12-10: Temperature data was missing at 20:00.

2025-12-11: Temperature, conductivity, and salinity data were missing at 2:00 and 8:00.

2025-12-12: Temperature, conductivity, and salinity data were missing at 6:00 and 19:00.

WLNG DS:

2025-12-11: Temperature and ORP data were missing at 7:00 and 13:00.

2025-12-12: Temperature and ORP data were missing at 15:00.

2025-12-13: Temperature and ORP data were missing at 5:00.

2025-12-14: Temperature and ORP data were missing at 9:00

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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 Discharges**



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BCR Site WTP Discharge Field Notes and Logs
No Discharges

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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 2025-12-09 13:13:00	SQU DS 2025-12-09 13:50:00
In situ Parameters									
Field pH	pH Units		6.5 - 9			7 - 8.7		7.48	6.97
Field Temperature	°C	18	19					6.2	6.4
General Parameters									
pH	pH Units							6.22	6.27
Alkalinity (Total as CaCO ₃)	mg/L							12	11
Alkalinity (PP as CaCO ₃)	mg/L							<1	<1
Hardness (CaCO ₃)-Total	mg/L							14.4	13.8
Hardness (CaCO ₃)-Dissolved	mg/L							14.3	13.4
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H ₂ S)	mg/L			0.002				<0.002	<0.002
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.9	13.1		12		191	<0.015	<0.015
Bicarbonate (HCO ₃)	mg/L							14	14
Carbonate (CO ₃)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.125	0.1
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.125	0.1
Nitrogen (N)-Total	mg/L							0.208	0.188
Phosphorus (P)-Total (4500-P)	mg/L							0.027	0.027
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	<1
Fluoride (F)	mg/L		0.538			1.5		<0.05	<0.05
Sulphate (SO ₄)-Dissolved	mg/L	128						2	1.6

¹ Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

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

⁴ **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 2025-12-09 13:13:00	SQU DS 2025-12-09 13:50:00
Total Metals									
Aluminum (Al)-Total	mg/L	0.07837						0.349	0.28
Antimony (Sb)-Total	mg/L	0.074	0.25					<0.00002	<0.00002
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000096	0.000099
Barium (Ba)-Total	mg/L			1				0.00852	0.00816
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	mg/L							<0.00001	<0.00001
Boron (B)-Total	mg/L	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	mg/L						0.00012	0.0000102	0.0000088
Calcium (Ca)-Total	mg/L							4.78	4.65
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							0.00017	0.00014
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389						0.000114	0.000114
Copper (Cu)-Total	mg/L				0.002	0.003		0.00149	0.00148
Iron (Fe)-Total	mg/L		1					0.405	0.266
Lead (Pb)-Total	mg/L				0.002	0.14		0.000087	0.000094
Lithium (Li)-Total	mg/L							<0.0005	<0.0005
Magnesium (Mg)-Total	mg/L							0.6	0.54
Manganese (Mn)-Total	mg/L	0.666	0.692				0.1	0.0102	0.00787
Mercury (Hg)-Total	mg/L	0.00002			0.00002			0.000003	0.0000029
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000439	0.000422
Nickel (Ni)-Total	mg/L						0.0083	0.00026	0.00024
Phosphorus (P)-Total (ICPMS)	mg/L							0.0268	0.0177
Potassium (K)-Total	mg/L							0.51	0.45
Rubidium (Rb)-Total	mg/L							0.00065	0.000635
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							3.95	3.61
Silver (Ag)-Total	mg/L	0.00012			0.0005	0.0037	0.0005	<0.00001	<0.00001
Sodium (Na)-Total	mg/L							1.93	1.6
Strontium (Sr)-Total	mg/L							0.0282	0.0268
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.0000026	0.0000022
Thorium (Th)-Total	mg/L							<0.00005	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							0.0078	0.0077
Uranium (U)-Total	mg/L		0.0165	0.0075				0.0000379	0.0000413
Vanadium (V)-Total	mg/L			0.06			0.005	0.00064	0.00056
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0018	0.002
Zirconium (Zr)-Total	mg/L							0.00012	<0.0001

¹ Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

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

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

⁴ **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 2025-12-09 13:13:00	SQU DS 2025-12-09 13:50:00
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0856	0.0864
Antimony (Sb)-Dissolved	mg/L							<0.00002	<0.00002
Arsenic (As)-Dissolved	mg/L							0.000096	0.000098
Barium (Ba)-Dissolved	mg/L							0.00644	0.00626
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	0.000049	0.000076					0.0000106	0.0000081
Calcium (Ca)-Dissolved	mg/L							4.79	4.54
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						0.0000549	0.0000514
Copper (Cu)-Dissolved	mg/L	0.00031	0.00195					0.000962	0.000914
Iron (Fe)-Dissolved	mg/L		0.35					0.138	0.0707
Lead (Pb)-Dissolved	mg/L	0.002424						0.0000183	0.0000138
Lithium (Li)-Dissolved	mg/L							<0.0005	<0.0005
Manganese (Mn)-Dissolved	mg/L							0.00682	0.00473
Magnesium (Mg)-Dissolved	mg/L							0.556	0.504
Mercury (Hg)-Dissolved	mg/L							0.0000026	0.000003
Molybdenum (Mo)-Dissolved	mg/L							0.000436	0.000404
Nickel (Ni)-Dissolved	mg/L	0.0007	0.0117					0.000117	0.000121
Phosphorus (P)-Dissolved	mg/L							0.0119	0.0095
Potassium (K)-Dissolved	mg/L							0.475	0.447
Rubidium (Rb)-Dissolved	mg/L							0.00056	0.000543
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							3.57	3.33
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.91	1.64
Strontium (Sr)-Dissolved	mg/L			1.25				0.027	0.0256
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							<0.000002	0.0000022
Thorium (Th)-Dissolved	mg/L							0.0000112	0.0000091
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							0.00062	0.00057
Uranium (U)-Dissolved	mg/L							0.000033	0.0000349
Vanadium (V)-Dissolved	mg/L							0.0006	0.00059
Zinc (Zn)-Dissolved	mg/L	0.003612	0.009882					0.00112	0.00072
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001

¹ Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

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

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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	SQU US 2025-12-09 13:13:00	SQU DS 2025-12-09 13:50:00
Inorganics									
Organic Carbon (C)-Total	mg/L							3.4	3.4
Organic Carbon (C)-Dissolved	mg/L							3.2	3.1
Solids-Total Dissolved	mg/L							24	20
Solids-Total Suspended	mg/L	24	44					19	20

¹ Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

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

⁴ **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).

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Dec 8 th to Dec 14 th , 2025
	Report #	90
	Appendix B	B-3

BCR Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID:	<u>SQU DS</u>	Date:	<u>December 9, 2025</u>
Site Name:	<u>Squamish River</u>	Time:	<u>13:50</u>
Site UTM:	Zone: <u>E:</u>	Crew:	<u>WS</u>
(NAD83)	N: <u></u>	Weather:	<u>Cloudy</u>

In Situ Parameters

pH:	<u>6.97</u>	DO:	<u>-</u> (mg/L)
Temp.:	<u>6.4</u> (°C)	Cond:	<u>66</u> (us)
Turbidity:	<u>4.96</u> NTU		

Visible Sheen: N

Water Surface Condition: Clear

Photo Record

Photo



Observations

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: SQU US Date: December 9, 2025
Site Name: Squamish River Time: 13:33
Site UTM: Zone: E: _____ Crew: WS
(NAD83) N: _____ Weather: Cloudy

In Situ Parameters

pH: 7.48 DO: - (mg/L)
Temp.: 6.2 (°C) Cond: 97 (us)
Turbidity: 10.2 NTU
Visible Sheen: N
Water Surface Condition: Clear

Photo Record

Photo not taken

Observations

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	2025-12-08 00:00:00	5.22	44.81	0.49	7.25	11.28	11.69	0.02
SQU-DS	2025-12-08 00:15:00	5.22	44.76	0.49	7.26	11.27	12.74	0.02
SQU-DS	2025-12-08 00:30:00	5.22	44.38	0.48	7.28	11.28	10.46	0.02
SQU-DS	2025-12-08 00:45:00	5.22	44.22	0.49	7.26	11.26	10.31	0.02
SQU-DS	2025-12-08 01:00:00	5.21	43.97	0.48	7.29	11.29	10.53	0.02
SQU-DS	2025-12-08 01:15:00	5.21	43.58	0.49	7.26	11.27	9.56	0.02
SQU-DS	2025-12-08 01:30:00	5.23	43.89	0.48	7.29	11.29	9.86	0.02
SQU-DS	2025-12-08 01:45:00	5.22	43.41	0.49	7.25	11.27	10.11	0.02
SQU-DS	2025-12-08 02:00:00	5.23	43.41	0.49	7.27	11.29	8.49	0.02
SQU-DS	2025-12-08 02:15:00	5.23	43.34	0.49	7.29	11.29	8.74	0.02
SQU-DS	2025-12-08 02:30:00	5.23	42.96	0.49	7.26	11.29	10.15	0.02
SQU-DS	2025-12-08 02:45:00	5.22	42.81	0.49	7.26	11.29	8.99	0.02
SQU-DS	2025-12-08 03:00:00	5.22	42.72	0.48	7.30	11.30	8.05	0.02
SQU-DS	2025-12-08 03:15:00	5.22	42.55	0.49	7.23	11.31	8.74	0.02
SQU-DS	2025-12-08 03:30:00	5.23	42.43	0.49	7.26	11.29	8.43	0.02
SQU-DS	2025-12-08 03:45:00	5.22	42.21	0.49	7.26	11.30	9.61	0.02
SQU-DS	2025-12-08 04:00:00	5.23	42.72	0.49	7.27	11.30	8.32	0.02
SQU-DS	2025-12-08 04:15:00	5.23	42.27	0.49	7.26	11.31	8.38	0.02
SQU-DS	2025-12-08 04:30:00	5.24	42.57	0.49	7.24	11.31	7.87	0.02
SQU-DS	2025-12-08 04:45:00	5.23	42.29	0.48	7.27	11.30	7.57	0.02
SQU-DS	2025-12-08 05:00:00	5.23	41.97	0.48	7.26	11.30	7.90	0.02
SQU-DS	2025-12-08 05:15:00	5.23	42.13	0.49	7.24	11.31	9.56	0.02
SQU-DS	2025-12-08 05:30:00	5.24	41.75	0.48	7.28	11.30	7.99	0.02
SQU-DS	2025-12-08 05:45:00	5.25	42.10	0.48	7.25	11.29	8.47	0.02
SQU-DS	2025-12-08 06:00:00	5.24	41.74	0.48	7.26	11.31	8.34	0.02
SQU-DS	2025-12-08 06:15:00	5.25	41.86	0.48	7.23	11.31	9.09	0.02
SQU-DS	2025-12-08 06:30:00	5.25	41.63	0.48	7.28	11.32	31.04	0.02
SQU-DS	2025-12-08 06:45:00	5.24	41.38	0.48	7.31	11.34	9.05	0.02
SQU-DS	2025-12-08 07:00:00	5.23	41.08	0.48	7.30	11.32	8.04	0.02
SQU-DS	2025-12-08 07:15:00	5.22	40.96	0.48	7.34	11.32	7.91	0.02
SQU-DS	2025-12-08 07:30:00	5.23	41.16	0.49	7.30	11.32	8.76	0.02
SQU-DS	2025-12-08 07:45:00	5.22	40.77	0.49	7.35	11.32	11.82	0.02
SQU-DS	2025-12-08 08:00:00	5.22	40.69	0.49	7.37	11.28	9.29	0.02
SQU-DS	2025-12-08 08:15:00	5.22	40.37	0.50	7.37	11.25	7.58	0.02
SQU-DS	2025-12-08 08:30:00	5.22	40.55	0.50	7.38	11.22	8.34	0.02
SQU-DS	2025-12-08 08:45:00	5.25	42.21	0.51	7.35	11.20	5.08	0.02
SQU-DS	2025-12-08 09:00:00	5.23	40.85	0.51	7.36	11.20	5.89	0.02
SQU-DS	2025-12-08 09:15:00	5.23	41.03	0.51	7.33	11.18	5.24	0.02
SQU-DS	2025-12-08 09:30:00	5.25	41.49	0.51	7.35	11.19	7.65	0.02
SQU-DS	2025-12-08 09:45:00	5.30	45.09	0.51	7.35	11.18	6.62	0.02
SQU-DS	2025-12-08 10:00:00	5.31	45.49	0.51	7.34	11.15	6.17	0.02
SQU-DS	2025-12-08 10:15:00	5.29	43.47	0.51	7.34	11.14	6.01	0.02
SQU-DS	2025-12-08 10:30:00	5.28	42.31	0.52	7.33	11.13	4.41	0.02
SQU-DS	2025-12-08 10:45:00	5.31	44.29	0.52	7.32	11.15	6.18	0.02
SQU-DS	2025-12-08 11:00:00	5.32	44.31	0.52	7.34	11.12	6.75	0.02
SQU-DS	2025-12-08 11:15:00	5.33	44.12	0.52	7.31	11.10	6.80	0.02
SQU-DS	2025-12-08 11:30:00	5.30	42.36	0.52	7.26	11.09	7.86	0.02
SQU-DS	2025-12-08 11:45:00	5.31	42.84	0.52	7.28	11.10	6.62	0.02
SQU-DS	2025-12-08 12:00:00	5.32	42.97	0.52	7.31	11.16	8.43	0.02
SQU-DS	2025-12-08 12:15:00	5.33	43.46	0.52	7.30	11.24	11.97	0.02
SQU-DS	2025-12-08 12:30:00	5.32	42.60	0.52	7.29	11.29	10.50	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	2025-12-08 12:45:00	5.30	41.80	0.51	7.31	11.30	9.49	0.02
SQU-DS	2025-12-08 13:00:00	5.30	41.66	0.51	7.29	11.34	10.39	0.02
SQU-DS	2025-12-08 13:15:00	5.31	41.64	0.51	7.31	11.33	10.75	0.02
SQU-DS	2025-12-08 13:30:00	5.32	41.75	0.51	7.27	11.33	12.32	0.02
SQU-DS	2025-12-08 13:45:00	5.33	41.56	0.50	7.35	11.33	10.39	0.02
SQU-DS	2025-12-08 14:00:00	5.33	41.18	0.50	7.34	11.33	9.61	0.02
SQU-DS	2025-12-08 14:15:00	5.33	40.90	0.50	7.31	11.34	11.13	0.02
SQU-DS	2025-12-08 14:30:00	5.34	40.87	0.50	7.32	11.34	10.23	0.02
SQU-DS	2025-12-08 14:45:00	5.34	40.90	0.50	7.30	11.32	9.78	0.02
SQU-DS	2025-12-08 15:00:00	5.35	40.82	0.50	7.30	11.32	14.01	0.02
SQU-DS	2025-12-08 15:15:00	5.36	40.37	0.50	7.30	11.31	13.53	0.02
SQU-DS	2025-12-08 15:30:00	5.36	40.17	0.50	7.34	11.31	12.39	0.02
SQU-DS	2025-12-08 15:45:00	5.37	40.03	0.50	7.32	11.32	13.33	0.02
SQU-DS	2025-12-08 16:00:00	5.39	39.74	0.50	7.31	11.32	13.90	0.02
SQU-DS	2025-12-08 16:15:00	5.41	39.67	0.50	7.32	11.31	13.44	0.02
SQU-DS	2025-12-08 16:30:00	5.44	39.43	0.50	7.34	11.30	13.91	0.02
SQU-DS	2025-12-08 16:45:00	5.44	39.01	0.50	7.33	11.29	16.77	0.02
SQU-DS	2025-12-08 17:00:00	5.46	39.24	0.51	7.33	11.29	15.18	0.02
SQU-DS	2025-12-08 17:15:00	5.48	39.57	0.51	7.32	11.28	18.62	0.02
SQU-DS	2025-12-08 17:30:00	5.50	39.77	0.51	7.32	11.28	16.15	0.02
SQU-DS	2025-12-08 17:45:00	5.52	39.53	0.51	7.36	11.29	16.20	0.02
SQU-DS	2025-12-08 18:00:00	5.55	39.58	0.51	7.36	11.25	15.43	0.02
SQU-DS	2025-12-08 18:15:00	5.59	39.74	0.51	7.35	11.29	17.21	0.02
SQU-DS	2025-12-08 18:30:00	5.60	39.07	0.51	7.38	11.24	15.25	0.02
SQU-DS	2025-12-08 18:45:00	5.60	38.63	0.52	7.35	11.26	15.05	0.02
SQU-DS	2025-12-08 19:00:00	5.61	38.62	0.52	7.37	11.24	15.02	0.02
SQU-DS	2025-12-08 19:15:00	5.64	39.05	0.50	7.37	11.24	34.24	0.02
SQU-DS	2025-12-08 19:30:00	5.64	37.84	0.51	7.34	11.29	14.55	0.02
SQU-DS	2025-12-08 19:45:00	5.65	38.07	0.51	7.36	11.31	21.05	0.02
SQU-DS	2025-12-08 20:00:00	5.65	38.27	0.52	7.35	11.35	14.80	0.02
SQU-DS	2025-12-08 20:15:00	5.66	37.40	0.52	7.34	11.35	21.06	0.02
SQU-DS	2025-12-08 20:30:00	5.66	36.06	0.52	7.34	11.39	18.96	0.02
SQU-DS	2025-12-08 20:45:00	5.66	35.69	0.52	7.32	11.46	47.29	0.02
SQU-DS	2025-12-08 21:00:00	5.65	34.97	0.52	7.33	11.58	29.09	0.01
SQU-DS	2025-12-08 21:15:00	5.66	34.24	0.52	7.34	11.63	27.70	0.01
SQU-DS	2025-12-08 21:30:00	5.65	33.73	0.53	7.32	11.68	27.02	0.01
SQU-DS	2025-12-08 21:45:00	5.64	33.65	0.53	7.33	11.71	33.66	0.01
SQU-DS	2025-12-08 22:00:00	5.62	32.69	0.53	7.32	11.74	28.22	0.01
SQU-DS	2025-12-08 22:15:00	5.61	32.32	0.53	7.29	11.79	30.50	0.01
SQU-DS	2025-12-08 22:30:00	5.59	31.55	0.52	7.41	11.81	29.06	0.01
SQU-DS	2025-12-08 22:45:00	5.58	31.07	0.53	7.35	11.81	30.37	0.01
SQU-DS	2025-12-08 23:00:00	5.56	30.77	0.52	7.44	11.81	31.23	0.01
SQU-DS	2025-12-08 23:15:00	5.55	30.61	0.52	7.40	11.81	33.31	0.01
SQU-DS	2025-12-08 23:30:00	5.54	31.08	0.53	7.39	11.81	32.06	0.01
SQU-DS	2025-12-08 23:45:00	5.54	31.11	0.53	7.40	11.79	28.05	0.01
SQU-DS	2025-12-09 00:00:00	5.53	31.00	0.53	7.39	11.79	22.89	0.01
SQU-DS	2025-12-09 00:15:00	5.52	30.68	0.53	7.35	11.80	55.19	0.01
SQU-DS	2025-12-09 00:30:00	5.51	30.29	0.53	7.32	11.79	27.29	0.01
SQU-DS	2025-12-09 00:45:00	5.50	30.21	0.54	7.29	11.78	76.88	0.01
SQU-DS	2025-12-09 01:00:00	5.49	30.08	0.53	7.38	11.77	38.58	0.01
SQU-DS	2025-12-09 01:15:00	5.48	29.76	0.53	7.39	11.78	25.85	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-09 01:30:00	5.47	30.11	0.53	7.36	11.79	27.73	0.01
SQU-DS	2025-12-09 01:45:00	5.46	29.71	0.53	7.36	11.77	34.93	0.01
SQU-DS	2025-12-09 02:00:00	5.45	29.72	0.53	7.37	11.76	26.63	0.01
SQU-DS	2025-12-09 02:15:00	5.44	29.78	0.54	7.30	11.75	23.95	0.01
SQU-DS	2025-12-09 02:30:00	5.43	29.83	0.53	7.34	11.73	23.49	0.01
SQU-DS	2025-12-09 02:45:00	5.41	29.73	0.54	7.33	11.72	23.23	0.01
SQU-DS	2025-12-09 03:00:00	5.40	29.58	0.54	7.30	11.71	25.55	0.01
SQU-DS	2025-12-09 03:15:00	5.38	29.63	0.54	7.25	11.72	22.36	0.01
SQU-DS	2025-12-09 03:30:00	5.37	29.68	0.54	7.33	11.70	23.38	0.01
SQU-DS	2025-12-09 03:45:00	5.36	29.89	0.54	7.33	11.70	19.52	0.01
SQU-DS	2025-12-09 04:00:00	5.34	29.76	0.54	7.33	11.69	22.37	0.01
SQU-DS	2025-12-09 04:15:00	5.33	29.99	0.54	7.32	11.69	21.14	0.01
SQU-DS	2025-12-09 04:30:00	5.32	30.07	0.54	7.28	11.68	25.35	0.01
SQU-DS	2025-12-09 04:45:00	5.30	29.89	0.54	7.27	11.68	17.78	0.01
SQU-DS	2025-12-09 05:00:00	5.29	30.10	0.54	7.26	11.66	19.60	0.01
SQU-DS	2025-12-09 05:15:00	5.28	30.22	0.54	7.32	11.66	18.90	0.01
SQU-DS	2025-12-09 05:30:00	5.26	30.34	0.54	7.29	11.65	17.74	0.01
SQU-DS	2025-12-09 05:45:00	5.25	30.35	0.54	7.28	11.65	18.92	0.01
SQU-DS	2025-12-09 06:00:00	5.23	30.36	0.54	7.26	11.66	16.68	0.01
SQU-DS	2025-12-09 06:15:00	5.21	30.67	0.54	7.25	11.66	29.24	0.01
SQU-DS	2025-12-09 06:30:00	5.20	30.92	0.54	7.31	11.65	18.83	0.01
SQU-DS	2025-12-09 06:45:00	5.18	30.90	0.54	7.29	11.65	20.04	0.01
SQU-DS	2025-12-09 07:00:00	5.17	31.13	0.54	7.30	11.64	17.68	0.01
SQU-DS	2025-12-09 07:15:00	5.16	31.03	0.54	7.31	11.63	19.65	0.01
SQU-DS	2025-12-09 07:30:00	5.15	31.04	0.54	7.30	11.65	15.65	0.01
SQU-DS	2025-12-09 07:45:00	5.13	30.88	0.54	7.31	11.66	16.07	0.01
SQU-DS	2025-12-09 08:00:00	5.12	31.03	0.54	7.31	11.66	9.29	0.01
SQU-DS	2025-12-09 08:15:00	5.11	31.52	0.54	7.29	11.65	10.01	0.01
SQU-DS	2025-12-09 08:30:00	5.09	31.84	0.54	7.27	11.68	13.60	0.01
SQU-DS	2025-12-09 08:45:00	5.08	31.89	0.54	7.26	11.67	10.91	0.01
SQU-DS	2025-12-09 09:00:00	5.07	32.04	0.54	7.25	11.65	10.47	0.01
SQU-DS	2025-12-09 09:15:00	5.06	31.78	0.54	7.25	11.64	10.27	0.01
SQU-DS	2025-12-09 09:30:00	5.06	32.05	0.55	7.24	11.66	10.23	0.01
SQU-DS	2025-12-09 09:45:00	5.06	32.52	0.55	7.23	11.66	4.93	0.01
SQU-DS	2025-12-09 10:00:00	5.06	32.29	0.55	7.23	11.66	5.23	0.01
SQU-DS	2025-12-09 10:15:00	5.06	32.38	0.55	7.23	11.65	4.05	0.01
SQU-DS	2025-12-09 10:30:00	5.06	32.27	0.55	7.23	11.67	3.71	0.01
SQU-DS	2025-12-09 10:45:00	5.08	32.96	0.55	7.23	11.66	3.29	0.01
SQU-DS	2025-12-09 11:00:00	5.09	32.93	0.55	7.23	11.65	3.98	0.01
SQU-DS	2025-12-09 11:15:00	5.11	32.90	0.55	7.23	11.66	1.81	0.01
SQU-DS	2025-12-09 11:30:00	5.14	32.73	0.55	7.22	11.65	4.37	0.01
SQU-DS	2025-12-09 11:45:00	5.17	33.18	0.55	7.22	11.61	3.29	0.01
SQU-DS	2025-12-09 12:00:00	5.20	33.45	0.55	7.23	11.53	2.44	0.01
SQU-DS	2025-12-09 12:15:00	5.22	33.62	0.55	7.23	11.58	9.23	0.01
SQU-DS	2025-12-09 12:30:00	5.25	33.21	0.55	7.22	11.56	6.73	0.01
SQU-DS	2025-12-09 12:45:00	5.25	31.84	0.55	7.20	11.53	8.23	0.01
SQU-DS	2025-12-09 13:00:00	5.26	32.15	0.55	7.20	11.48	10.80	0.01
SQU-DS	2025-12-09 13:15:00	5.26	31.61	0.55	7.19	11.46	13.40	0.01
SQU-DS	2025-12-09 13:30:00	5.26	30.81	0.54	7.19	11.45	15.95	0.01
SQU-DS	2025-12-09 13:45:00	5.27	30.37	0.54	7.19	11.43	14.54	0.01
SQU-DS	2025-12-09 14:00:00	5.27	29.66	0.54	7.19	11.42	9.12	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-09 14:15:00	5.28	30.18	0.53	7.19	11.40	11.74	0.01
SQU-DS	2025-12-09 14:30:00	5.29	29.82	0.53	7.19	11.39	13.63	0.01
SQU-DS	2025-12-09 14:45:00	5.30	29.49	0.53	7.20	11.38	17.34	0.01
SQU-DS	2025-12-09 15:00:00	5.30	30.24	0.53	7.20	11.39	16.25	0.01
SQU-DS	2025-12-09 15:15:00	5.31	30.08	0.53	7.18	11.40	14.52	0.01
SQU-DS	2025-12-09 15:30:00	5.32	30.07	0.53	7.19	11.38	12.86	0.01
SQU-DS	2025-12-09 15:45:00	5.33	30.13	0.53	7.19	11.36	12.11	0.01
SQU-DS	2025-12-09 16:00:00	5.34	29.88	0.53	7.19	11.35	12.88	0.01
SQU-DS	2025-12-09 16:15:00	5.34	29.79	0.53	7.18	11.31	13.34	0.01
SQU-DS	2025-12-09 16:30:00	5.35	29.73	0.53	7.17	11.30	11.12	0.01
SQU-DS	2025-12-09 16:45:00	5.36	29.56	0.53	7.18	11.28	10.95	0.01
SQU-DS	2025-12-09 17:00:00	5.36	29.48	0.53	7.18	11.29	17.16	0.01
SQU-DS	2025-12-09 17:15:00	5.37	29.10	0.53	7.18	11.28	15.98	0.01
SQU-DS	2025-12-09 17:30:00	5.38	29.24	0.53	7.18	11.29	10.72	0.01
SQU-DS	2025-12-09 17:45:00	5.39	29.27	0.53	7.18	11.28	9.73	0.01
SQU-DS	2025-12-09 18:00:00	5.41	29.29	0.53	7.18	11.26	12.90	0.01
SQU-DS	2025-12-09 18:15:00	5.42	29.24	0.54	7.17	11.27	11.05	0.01
SQU-DS	2025-12-09 18:30:00	5.43	29.37	0.54	7.18	11.25	13.09	0.01
SQU-DS	2025-12-09 18:45:00	5.44	29.64	0.54	7.18	11.24	11.22	0.01
SQU-DS	2025-12-09 19:00:00	5.46	29.56	0.54	7.17	11.25	9.28	0.01
SQU-DS	2025-12-09 19:15:00	5.47	29.60	0.54	7.18	11.24	9.88	0.01
SQU-DS	2025-12-09 19:30:00	5.48	29.65	0.54	7.19	11.22	14.74	0.01
SQU-DS	2025-12-09 19:45:00	5.49	30.62	0.54	7.17	11.21	13.16	0.01
SQU-DS	2025-12-09 20:00:00	5.50	30.61	0.54	7.18	11.22	10.24	0.01
SQU-DS	2025-12-09 20:15:00	5.51	30.63	0.54	7.17	11.22	12.30	0.01
SQU-DS	2025-12-09 20:30:00	5.52	30.68	0.54	7.18	11.20	11.02	0.01
SQU-DS	2025-12-09 20:45:00	5.53	30.73	0.54	7.18	11.19	10.49	0.01
SQU-DS	2025-12-09 21:00:00	5.53	30.80	0.54	7.19	11.21	9.09	0.01
SQU-DS	2025-12-09 21:15:00	5.53	30.92	0.54	7.18	11.19	11.04	0.01
SQU-DS	2025-12-09 21:30:00	5.53	31.08	0.54	7.18	11.18	12.13	0.01
SQU-DS	2025-12-09 21:45:00	5.54	31.29	0.54	7.18	11.18	12.53	0.01
SQU-DS	2025-12-09 22:00:00	5.54	31.32	0.54	7.17	11.17	10.49	0.01
SQU-DS	2025-12-09 22:15:00	5.54	31.35	0.54	7.18	11.16	9.74	0.01
SQU-DS	2025-12-09 22:30:00	5.54	31.67	0.54	7.16	11.16	11.22	0.01
SQU-DS	2025-12-09 22:45:00	5.55	31.67	0.53	7.16	11.14	9.74	0.01
SQU-DS	2025-12-09 23:00:00	5.54	31.77	0.53	7.16	11.14	11.67	0.01
SQU-DS	2025-12-09 23:15:00	5.54	31.63	0.53	7.16	11.13	12.63	0.01
SQU-DS	2025-12-09 23:30:00	5.54	31.77	0.53	7.16	11.15	12.02	0.01
SQU-DS	2025-12-09 23:45:00	5.54	31.75	0.53	7.15	11.12	13.94	0.01
SQU-DS	2025-12-10 00:00:00	5.52	31.73	0.53	7.14	11.14	10.21	0.01
SQU-DS	2025-12-10 00:15:00	5.53	31.93	0.53	7.17	11.12	9.99	0.01
SQU-DS	2025-12-10 00:30:00	5.51	31.53	0.53	7.18	11.15	10.92	0.01
SQU-DS	2025-12-10 00:45:00	5.50	31.35	0.53	7.19	11.15	9.37	0.01
SQU-DS	2025-12-10 01:00:00	5.50	31.31	0.53	7.19	11.15	9.67	0.01
SQU-DS	2025-12-10 01:15:00	5.49	31.21	0.53	7.19	11.14	11.20	0.01
SQU-DS	2025-12-10 01:30:00	5.49	31.28	0.53	7.18	11.14	10.15	0.01
SQU-DS	2025-12-10 01:45:00	5.48	31.13	0.53	7.18	11.15	11.89	0.01
SQU-DS	2025-12-10 02:00:00	5.46	30.88	0.53	7.18	11.17	11.30	0.01
SQU-DS	2025-12-10 02:15:00	5.46	31.14	0.53	7.19	11.17	10.00	0.01
SQU-DS	2025-12-10 02:30:00	5.44	30.92	0.53	7.19	11.16	10.72	0.01
SQU-DS	2025-12-10 02:45:00	5.43	30.90	0.53	7.20	11.17	11.44	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-10 03:00:00	5.43	30.95	0.53	7.20	11.17	11.05	0.01
SQU-DS	2025-12-10 03:15:00	5.41	30.84	0.53	7.19	11.19	15.06	0.01
SQU-DS	2025-12-10 03:30:00	5.40	30.92	0.53	7.20	11.18	14.70	0.01
SQU-DS	2025-12-10 03:45:00	5.39	30.79	0.53	7.20	11.19	10.52	0.01
SQU-DS	2025-12-10 04:00:00	5.37	30.66	0.53	7.20	11.19	12.45	0.01
SQU-DS	2025-12-10 04:15:00	5.36	30.61	0.53	7.20	11.20	8.47	0.01
SQU-DS	2025-12-10 04:30:00	5.35	30.54	0.53	7.21	11.19	10.74	0.01
SQU-DS	2025-12-10 04:45:00	5.33	30.43	0.53	7.22	11.20	9.72	0.01
SQU-DS	2025-12-10 05:00:00	5.32	30.21	0.53	7.21	11.21	10.29	0.01
SQU-DS	2025-12-10 05:15:00	5.31	30.37	0.53	7.22	11.21	13.38	0.01
SQU-DS	2025-12-10 05:30:00	5.30	30.08	0.53	7.21	11.21	11.66	0.01
SQU-DS	2025-12-10 05:45:00	5.29	29.88	0.53	7.22	11.21	10.99	0.01
SQU-DS	2025-12-10 06:00:00	5.28	29.95	0.53	7.23	11.21	13.44	0.01
SQU-DS	2025-12-10 06:15:00	5.28	29.62	0.53	7.23	11.21	11.60	0.01
SQU-DS	2025-12-10 06:30:00	5.26	29.50	0.53	7.23	11.22	13.94	0.01
SQU-DS	2025-12-10 06:45:00	5.25	29.18	0.53	7.24	11.22	10.02	0.01
SQU-DS	2025-12-10 07:00:00	5.25	29.39	0.53	7.24	11.23	12.26	0.01
SQU-DS	2025-12-10 07:15:00	5.24	29.11	0.53	7.24	11.23	10.71	0.01
SQU-DS	2025-12-10 07:30:00	5.23	29.17	0.53	7.24	11.24	11.53	0.01
SQU-DS	2025-12-10 07:45:00	5.23	29.33	0.53	7.25	11.24	15.38	0.01
SQU-DS	2025-12-10 08:00:00	5.22	29.06	0.53	7.25	11.24	10.87	0.01
SQU-DS	2025-12-10 08:15:00	5.21	28.70	0.54	7.26	11.24	9.83	0.01
SQU-DS	2025-12-10 08:30:00	5.21	27.77	0.54	7.28	11.24	5.80	0.01
SQU-DS	2025-12-10 08:45:00	5.20	27.79	0.54	7.29	11.27	6.78	0.01
SQU-DS	2025-12-10 09:00:00	5.20	27.90	0.54	7.31	11.33	11.04	0.01
SQU-DS	2025-12-10 09:15:00	5.20	28.14	0.54	7.31	11.35	7.74	0.01
SQU-DS	2025-12-10 09:30:00	5.21	28.05	0.54	7.30	11.34	5.63	0.01
SQU-DS	2025-12-10 09:45:00	5.21	27.59	0.54	7.31	11.37	6.56	0.01
SQU-DS	2025-12-10 10:00:00	5.23	27.82	0.54	7.30	11.37	7.26	0.01
SQU-DS	2025-12-10 10:15:00	5.24	27.83	0.54	7.30	11.37	5.82	0.01
SQU-DS	2025-12-10 10:30:00	5.25	27.76	0.54	7.30	11.37	8.02	0.01
SQU-DS	2025-12-10 10:45:00	5.26	27.70	0.54	7.30	11.37	7.09	0.01
SQU-DS	2025-12-10 11:00:00	5.27	27.78	0.54	7.29	11.37	8.11	0.01
SQU-DS	2025-12-10 11:15:00	5.27	27.52	0.55	7.29	11.38	7.32	0.01
SQU-DS	2025-12-10 11:30:00	5.26	26.78	0.55	7.30	11.38	5.32	0.01
SQU-DS	2025-12-10 11:45:00	5.27	26.64	0.55	7.29	11.39	6.46	0.01
SQU-DS	2025-12-10 12:00:00	5.26	26.09	0.55	7.30	11.39	10.33	0.01
SQU-DS	2025-12-10 12:15:00	5.27	25.59	0.55	7.30	11.40	7.96	0.01
SQU-DS	2025-12-10 12:30:00	5.28	25.03	0.55	7.30	11.41	6.30	0.01
SQU-DS	2025-12-10 12:45:00	5.28	25.34	0.55	7.30	11.44	10.84	0.01
SQU-DS	2025-12-10 13:00:00	5.29	26.67	0.55	7.29	11.46	17.12	0.01
SQU-DS	2025-12-10 13:15:00	5.30	26.73	0.55	7.29	11.46	11.12	0.01
SQU-DS	2025-12-10 13:30:00	5.30	25.62	0.55	7.28	11.46	16.82	0.01
SQU-DS	2025-12-10 13:45:00	5.31	25.29	0.54	7.26	11.46	16.94	0.01
SQU-DS	2025-12-10 14:00:00	5.32	24.04	0.54	7.26	11.48	19.44	0.01
SQU-DS	2025-12-10 14:15:00	5.33	24.03	0.54	7.25	11.50	16.08	0.01
SQU-DS	2025-12-10 14:30:00	5.33	24.08	0.54	7.25	11.51	16.42	0.01
SQU-DS	2025-12-10 14:45:00	5.34	24.12	0.54	7.25	11.53	21.60	0.01
SQU-DS	2025-12-10 15:00:00	5.35	23.47	0.54	7.25	11.52	18.94	0.01
SQU-DS	2025-12-10 15:15:00	5.35	22.69	0.54	7.24	11.53	18.73	0.01
SQU-DS	2025-12-10 15:30:00	5.36	23.20	0.54	7.24	11.53	18.14	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-10 15:45:00	5.37	22.35	0.54	7.26	11.52	15.79	0.01
SQU-DS	2025-12-10 16:00:00	5.37	22.99	0.54	7.24	11.53	17.50	0.01
SQU-DS	2025-12-10 16:15:00	5.38	22.86	0.54	7.26	11.55	25.46	0.01
SQU-DS	2025-12-10 16:30:00	5.38	22.06	0.54	7.27	11.56	15.89	0.01
SQU-DS	2025-12-10 16:45:00	5.39	23.37	0.54	7.26	11.57	18.57	0.01
SQU-DS	2025-12-10 17:00:00	5.40	23.15	0.54	7.30	11.58	23.33	0.01
SQU-DS	2025-12-10 17:15:00	5.40	22.33	0.54	7.31	11.59	20.77	0.01
SQU-DS	2025-12-10 17:30:00	5.41	22.64	0.54	7.27	11.60	22.01	0.01
SQU-DS	2025-12-10 17:45:00	5.42	22.04	0.54	7.28	11.62	22.98	0.01
SQU-DS	2025-12-10 18:00:00	5.41	21.41	0.54	7.24	11.64	20.81	0.01
SQU-DS	2025-12-10 18:15:00	5.42	20.62	0.54	7.28	11.65	26.04	0.01
SQU-DS	2025-12-10 18:30:00	5.43	20.54	0.54	7.28	11.65	22.85	0.01
SQU-DS	2025-12-10 18:45:00	5.43	20.56	0.54	7.30	11.67	23.01	0.01
SQU-DS	2025-12-10 19:00:00	5.43	19.90	0.54	7.29	11.65	30.65	0.01
SQU-DS	2025-12-10 19:15:00	5.43	19.54	0.54	7.27	11.62	27.53	0.01
SQU-DS	2025-12-10 19:30:00	5.44	19.61	0.54	7.27	11.62	19.13	0.01
SQU-DS	2025-12-10 19:45:00	5.44	19.89	0.54	7.24	11.63	25.41	0.01
SQU-DS	2025-12-10 20:00:00	5.45	20.29	0.54	7.27	11.64	39.64	0.01
SQU-DS	2025-12-10 20:15:00	5.45	20.22	0.54	7.26	11.65	28.97	0.01
SQU-DS	2025-12-10 20:30:00	5.46	19.98	0.54	7.28	11.64	26.63	0.01
SQU-DS	2025-12-10 20:45:00	5.46	19.73	0.54	7.23	11.63	34.73	0.01
SQU-DS	2025-12-10 21:00:00	5.48	19.69	0.54	7.30	11.69	30.55	0.01
SQU-DS	2025-12-10 21:15:00	5.49	19.85	0.54	7.28	11.71	39.49	0.01
SQU-DS	2025-12-10 21:30:00	5.51	20.39	0.54	7.26	11.71	25.42	0.01
SQU-DS	2025-12-10 21:45:00	5.51	20.41	0.54	7.23	11.76	32.39	0.01
SQU-DS	2025-12-10 22:00:00	5.53	19.54	0.54	7.30	11.80	36.34	0.01
SQU-DS	2025-12-10 22:15:00	5.55	19.62	0.55	7.24	11.82	32.71	0.01
SQU-DS	2025-12-10 22:30:00	5.57	19.55	0.54	7.32	11.82	35.24	0.01
SQU-DS	2025-12-10 22:45:00	5.57	19.81	0.55	7.25	11.84	37.78	0.01
SQU-DS	2025-12-10 23:00:00	5.58	20.03	0.54	7.32	11.84	31.47	0.01
SQU-DS	2025-12-10 23:15:00	5.60	19.87	0.54	7.30	11.86	37.75	0.01
SQU-DS	2025-12-10 23:30:00	5.62	17.30	0.54	7.38	11.88	38.99	0.01
SQU-DS	2025-12-10 23:45:00	5.63	18.45	0.55	7.27	11.89	27.76	0.01
SQU-DS	2025-12-11 00:00:00	5.65	18.17	0.55	7.26	11.89	40.48	0.01
SQU-DS	2025-12-11 00:15:00	5.66	18.17	0.55	7.29	11.90	39.04	0.01
SQU-DS	2025-12-11 00:30:00	5.67	17.77	0.55	7.31	11.89	37.94	0.01
SQU-DS	2025-12-11 00:45:00	5.66	17.94	0.55	7.26	11.90	36.62	0.01
SQU-DS	2025-12-11 01:00:00	5.65	17.77	0.55	7.26	11.91	35.56	0.01
SQU-DS	2025-12-11 01:15:00	5.63	18.39	0.55	7.26	11.91	45.23	0.01
SQU-DS	2025-12-11 01:30:00	5.62	18.13	0.55	7.29	11.90	38.50	0.01
SQU-DS	2025-12-11 01:45:00	5.62	18.02	0.55	7.29	11.89	33.31	0.01
SQU-DS	2025-12-11 02:00:00	5.61	17.53	0.55	7.27	11.89	49.15	0.01
SQU-DS	2025-12-11 02:15:00	5.61	17.10	0.55	7.22	11.88	40.22	0.01
SQU-DS	2025-12-11 02:30:00	5.60	18.78	0.55	7.27	11.86	34.14	0.01
SQU-DS	2025-12-11 02:45:00	5.60	17.81	0.55	7.22	11.85	38.47	0.01
SQU-DS	2025-12-11 03:00:00	5.60	18.25	0.55	7.24	11.85	34.78	0.01
SQU-DS	2025-12-11 03:15:00	5.59	18.67	0.55	7.22	11.83	37.91	0.01
SQU-DS	2025-12-11 03:30:00	5.58	17.57	0.55	7.20	11.83	33.88	0.01
SQU-DS	2025-12-11 03:45:00	5.57	17.57	0.55	7.32	11.83	35.65	0.01
SQU-DS	2025-12-11 04:00:00	5.56	17.84	0.55	7.27	11.82	25.86	0.01
SQU-DS	2025-12-11 04:15:00	5.55	18.12	0.55	7.22	11.82	33.80	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-11 04:30:00	5.53	17.78	0.55	7.25	11.80	27.78	0.01
SQU-DS	2025-12-11 04:45:00	5.52	17.38	0.55	7.23	11.79	28.71	0.01
SQU-DS	2025-12-11 05:00:00	5.52	18.10	0.55	7.27	11.80	24.81	0.01
SQU-DS	2025-12-11 05:15:00	5.50	19.30	0.55	7.28	11.80	26.69	0.01
SQU-DS	2025-12-11 05:30:00	5.49	18.90	0.55	7.31	11.79	28.02	0.01
SQU-DS	2025-12-11 05:45:00	5.48	19.07	0.55	7.30	11.79	28.28	0.01
SQU-DS	2025-12-11 06:00:00	5.48	18.74	0.55	7.27	11.77	25.37	0.01
SQU-DS	2025-12-11 06:15:00	5.47	19.52	0.55	7.19	11.78	27.23	0.01
SQU-DS	2025-12-11 06:30:00	5.46	19.16	0.55	7.21	11.77	23.60	0.01
SQU-DS	2025-12-11 06:45:00	5.45	19.47	0.55	7.24	11.76	23.23	0.01
SQU-DS	2025-12-11 07:00:00	5.44	19.53	0.55	7.28	11.75	24.89	0.01
SQU-DS	2025-12-11 07:15:00	5.43	19.13	0.55	7.25	11.75	26.68	0.01
SQU-DS	2025-12-11 07:30:00	5.42	19.13	0.55	7.21	11.73	21.42	0.01
SQU-DS	2025-12-11 07:45:00	5.41	19.12	0.55	7.25	11.72	22.15	0.01
SQU-DS	2025-12-11 08:00:00	5.40	18.82	0.55	7.27	11.72	23.74	0.01
SQU-DS	2025-12-11 08:15:00	5.39	19.13	0.55	7.29	11.72	30.09	0.01
SQU-DS	2025-12-11 08:30:00	5.38	19.41	0.55	7.24	11.69	31.64	0.01
SQU-DS	2025-12-11 08:45:00							
SQU-DS	2025-12-11 09:00:00	5.36	18.33	0.55	7.26	11.70	18.59	0.01
SQU-DS	2025-12-11 09:15:00	5.35	18.47	0.55	7.25	11.70	22.50	0.01
SQU-DS	2025-12-11 09:30:00	5.35	18.95	0.55	7.27	11.71	18.12	0.01
SQU-DS	2025-12-11 09:45:00	5.35	18.93	0.55	7.26	11.72	19.87	0.01
SQU-DS	2025-12-11 10:00:00	5.34	19.06	0.54	7.26	11.70	18.99	0.01
SQU-DS	2025-12-11 10:15:00	5.35	18.54	0.54	7.24	11.70	18.52	0.01
SQU-DS	2025-12-11 10:30:00	5.35	18.38	0.54	7.24	11.68	18.27	0.01
SQU-DS	2025-12-11 10:45:00	5.36	19.06	0.54	7.22	11.67	18.77	0.01
SQU-DS	2025-12-11 11:00:00	5.36	19.67	0.54	7.22	11.67	20.51	0.01
SQU-DS	2025-12-11 11:15:00	5.36	20.66	0.54	7.23	11.66	15.47	0.01
SQU-DS	2025-12-11 11:30:00	5.36	20.21	0.54	7.23	11.64	15.84	0.01
SQU-DS	2025-12-11 11:45:00	5.36	20.56	0.54	7.24	11.64	13.00	0.01
SQU-DS	2025-12-11 12:00:00	5.37	20.45	0.53	7.24	11.64	14.30	0.01
SQU-DS	2025-12-11 12:15:00	5.37	20.30	0.53	7.24	11.63	16.74	0.01
SQU-DS	2025-12-11 12:30:00	5.38	20.30	0.53	7.22	11.63	16.28	0.01
SQU-DS	2025-12-11 12:45:00	5.38	20.14	0.53	7.22	11.62	19.74	0.01
SQU-DS	2025-12-11 13:00:00	5.38	20.88	0.53	7.21	11.63	12.46	0.01
SQU-DS	2025-12-11 13:15:00	5.39	20.59	0.52	7.21	11.61	18.58	0.01
SQU-DS	2025-12-11 13:30:00	5.39	21.10	0.52	7.20	11.59	12.84	0.01
SQU-DS	2025-12-11 13:45:00	5.40	21.16	0.52	7.19	11.58	16.09	0.01
SQU-DS	2025-12-11 14:00:00	5.40	21.24	0.52	7.19	11.55	18.40	0.01
SQU-DS	2025-12-11 14:15:00	5.42	21.31	0.52	7.19	11.51	17.95	0.01
SQU-DS	2025-12-11 14:30:00	5.42	21.77	0.52	7.16	11.52	12.42	0.01
SQU-DS	2025-12-11 14:45:00	5.41	21.85	0.52	7.16	11.50	16.57	0.01
SQU-DS	2025-12-11 15:00:00	5.41	21.84	0.52	7.15	11.48	13.93	0.01
SQU-DS	2025-12-11 15:15:00	5.42	22.05	0.52	7.16	11.45	15.60	0.01
SQU-DS	2025-12-11 15:30:00	5.40	22.32	0.52	7.13	11.48	16.62	0.01
SQU-DS	2025-12-11 15:45:00	5.41	22.54	0.52	7.13	11.46	16.41	0.01
SQU-DS	2025-12-11 16:00:00	5.40	22.55	0.53	7.14	11.45	12.70	0.01
SQU-DS	2025-12-11 16:15:00	5.41	22.18	0.53	7.14	11.46	13.74	0.01
SQU-DS	2025-12-11 16:30:00	5.39	22.37	0.53	7.14	11.46	13.90	0.01
SQU-DS	2025-12-11 16:45:00	5.41	22.38	0.53	7.13	11.45	15.92	0.01
SQU-DS	2025-12-11 17:00:00	5.40	22.43	0.53	7.14	11.45	14.77	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-11 17:15:00	5.40	22.45	0.54	7.14	11.45	13.11	0.01
SQU-DS	2025-12-11 17:30:00	5.40	22.80	0.54	7.13	11.45	12.24	0.01
SQU-DS	2025-12-11 17:45:00	5.40	21.94	0.54	7.15	11.44	13.74	0.01
SQU-DS	2025-12-11 18:00:00	5.41	23.01	0.54	7.15	11.43	20.31	0.01
SQU-DS	2025-12-11 18:15:00	5.40	23.16	0.54	7.16	11.42	14.93	0.01
SQU-DS	2025-12-11 18:30:00	5.41	23.64	0.54	7.18	11.40	12.27	0.01
SQU-DS	2025-12-11 18:45:00	5.42	23.50	0.54	7.19	11.40	20.27	0.01
SQU-DS	2025-12-11 19:00:00	5.40	23.87	0.54	7.17	11.41	15.76	0.01
SQU-DS	2025-12-11 19:15:00	5.41	23.86	0.54	7.17	11.41	14.33	0.01
SQU-DS	2025-12-11 19:30:00	5.41	23.96	0.54	7.18	11.41	8.72	0.01
SQU-DS	2025-12-11 19:45:00	5.41	24.27	0.54	7.16	11.40	15.32	0.01
SQU-DS	2025-12-11 20:00:00	5.41	24.53	0.54	7.18	11.39	14.19	0.01
SQU-DS	2025-12-11 20:15:00	5.41	24.91	0.54	7.19	11.37	11.89	0.01
SQU-DS	2025-12-11 20:30:00	5.40	24.65	0.54	7.16	11.39	11.72	0.01
SQU-DS	2025-12-11 20:45:00	5.40	24.47	0.54	7.16	11.40	18.42	0.01
SQU-DS	2025-12-11 21:00:00	5.41	24.01	0.54	7.16	11.38	13.27	0.01
SQU-DS	2025-12-11 21:15:00	5.40	24.22	0.54	7.17	11.36	11.70	0.01
SQU-DS	2025-12-11 21:30:00	5.40	24.13	0.54	7.17	11.38	11.09	0.01
SQU-DS	2025-12-11 21:45:00	5.40	24.00	0.54	7.16	11.38	13.05	0.01
SQU-DS	2025-12-11 22:00:00	5.41	23.97	0.54	7.18	11.38	13.83	0.01
SQU-DS	2025-12-11 22:15:00	5.40	24.58	0.54	7.14	11.38	13.75	0.01
SQU-DS	2025-12-11 22:30:00	5.40	24.42	0.54	7.17	11.38	10.68	0.01
SQU-DS	2025-12-11 22:45:00	5.39	24.65	0.54	7.16	11.38	12.73	0.01
SQU-DS	2025-12-11 23:00:00	5.39	24.30	0.54	7.15	11.38	12.79	0.01
SQU-DS	2025-12-11 23:15:00	5.38	24.45	0.54	7.19	11.36	13.74	0.01
SQU-DS	2025-12-11 23:30:00	5.38	24.33	0.54	7.16	11.36	10.46	0.01
SQU-DS	2025-12-11 23:45:00	5.38	24.27	0.54	7.16	11.35	9.87	0.01
SQU-DS	2025-12-12 00:00:00	5.37	25.68	0.54	7.16	11.36	16.86	0.01
SQU-DS	2025-12-12 00:15:00	5.37	26.09	0.54	7.19	11.35	15.57	0.01
SQU-DS	2025-12-12 00:30:00	5.36	25.98	0.54	7.19	11.36	9.89	0.01
SQU-DS	2025-12-12 00:45:00	5.36	25.81	0.54	7.17	11.36	8.37	0.01
SQU-DS	2025-12-12 01:00:00	5.35	25.85	0.54	7.18	11.36	15.46	0.01
SQU-DS	2025-12-12 01:15:00	5.35	25.77	0.54	7.17	11.34	12.63	0.01
SQU-DS	2025-12-12 01:30:00	5.34	25.46	0.54	7.17	11.35	11.54	0.01
SQU-DS	2025-12-12 01:45:00	5.34	25.38	0.54	7.17	11.33	12.59	0.01
SQU-DS	2025-12-12 02:00:00	5.33	25.24	0.54	7.15	11.35	10.63	0.01
SQU-DS	2025-12-12 02:15:00	5.33	25.50	0.54	7.17	11.37	10.77	0.01
SQU-DS	2025-12-12 02:30:00	5.32	25.67	0.54	7.18	11.36	11.40	0.01
SQU-DS	2025-12-12 02:45:00	5.32	25.91	0.54	7.19	11.37	11.57	0.01
SQU-DS	2025-12-12 03:00:00	5.31	25.88	0.54	7.19	11.37	14.88	0.01
SQU-DS	2025-12-12 03:15:00	5.31	25.90	0.54	7.18	11.38	14.27	0.01
SQU-DS	2025-12-12 03:30:00	5.30	26.06	0.54	7.18	11.37	11.12	0.01
SQU-DS	2025-12-12 03:45:00	5.30	26.34	0.54	7.18	11.34	12.93	0.01
SQU-DS	2025-12-12 04:00:00	5.30	26.43	0.54	7.18	11.34	9.89	0.01
SQU-DS	2025-12-12 04:15:00	5.30	27.08	0.54	7.18	11.35	10.41	0.01
SQU-DS	2025-12-12 04:30:00	5.29	26.95	0.54	7.18	11.34	12.50	0.01
SQU-DS	2025-12-12 04:45:00	5.29	26.85	0.54	7.18	11.34	11.74	0.01
SQU-DS	2025-12-12 05:00:00	5.29	26.87	0.54	7.18	11.34	9.00	0.01
SQU-DS	2025-12-12 05:15:00	5.29	27.03	0.54	7.18	11.33	10.90	0.01
SQU-DS	2025-12-12 05:30:00	5.28	27.54	0.54	7.19	11.32	9.48	0.01
SQU-DS	2025-12-12 05:45:00	5.28	27.72	0.54	7.19	11.33	12.45	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-12 06:00:00	5.28	27.56	0.54	7.18	11.32	10.18	0.01
SQU-DS	2025-12-12 06:15:00	5.28	27.45	0.54	7.18	11.33	6.04	0.01
SQU-DS	2025-12-12 06:30:00	5.28	27.48	0.54	7.18	11.32	9.92	0.01
SQU-DS	2025-12-12 06:45:00	5.28	27.49	0.53	7.19	11.32	14.12	0.01
SQU-DS	2025-12-12 07:00:00	5.28	27.62	0.53	7.19	11.31	10.13	0.01
SQU-DS	2025-12-12 07:15:00	5.28	27.89	0.53	7.18	11.31	10.10	0.01
SQU-DS	2025-12-12 07:30:00	5.28	27.90	0.53	7.19	11.31	9.91	0.01
SQU-DS	2025-12-12 07:45:00	5.29	27.81	0.53	7.18	11.28	10.33	0.01
SQU-DS	2025-12-12 08:00:00	5.29	27.74	0.53	7.19	11.28	9.79	0.01
SQU-DS	2025-12-12 08:15:00	5.29	27.71	0.53	7.18	11.30	9.24	0.01
SQU-DS	2025-12-12 08:30:00	5.29	27.81	0.53	7.18	11.28	7.60	0.01
SQU-DS	2025-12-12 08:45:00	5.29	27.99	0.53	7.18	11.24	11.28	0.01
SQU-DS	2025-12-12 09:00:00	5.29	28.11	0.53	7.18	11.30	9.49	0.01
SQU-DS	2025-12-12 09:15:00	5.30	28.01	0.53	7.20	11.31	9.73	0.01
SQU-DS	2025-12-12 09:30:00	5.30	28.07	0.53	7.20	11.31	8.91	0.01
SQU-DS	2025-12-12 09:45:00	5.30	27.95	0.53	7.20	11.33	7.59	0.01
SQU-DS	2025-12-12 10:00:00	5.30	27.88	0.53	7.21	11.35	8.54	0.01
SQU-DS	2025-12-12 10:15:00	5.31	27.77	0.53	7.22	11.36	6.41	0.01
SQU-DS	2025-12-12 10:30:00	5.31	27.56	0.53	7.24	11.35	3.99	0.01
SQU-DS	2025-12-12 10:45:00	5.32	28.07	0.53	7.23	11.33	4.05	0.01
SQU-DS	2025-12-12 11:00:00	5.32	27.81	0.53	7.24	11.34	4.17	0.01
SQU-DS	2025-12-12 11:15:00	5.33	27.93	0.53	7.24	11.34	3.30	0.01
SQU-DS	2025-12-12 11:30:00	5.34	27.90	0.54	7.23	11.34	3.28	0.01
SQU-DS	2025-12-12 11:45:00	5.35	27.82	0.54	7.24	11.35	2.62	0.01
SQU-DS	2025-12-12 12:00:00	5.36	27.97	0.54	7.23	11.35	2.46	0.01
SQU-DS	2025-12-12 12:15:00	5.39	28.28	0.54	7.22	11.33	1.92	0.01
SQU-DS	2025-12-12 12:30:00	5.38	27.75	0.54	7.22	11.33	2.04	0.01
SQU-DS	2025-12-12 12:45:00	5.42	28.48	0.54	7.22	11.30	1.71	0.01
SQU-DS	2025-12-12 13:00:00	5.43	28.55	0.54	7.21	11.27	1.58	0.01
SQU-DS	2025-12-12 13:15:00	5.45	28.60	0.54	7.20	11.26	1.04	0.01
SQU-DS	2025-12-12 13:30:00	5.45	28.34	0.54	7.20	11.27	3.37	0.01
SQU-DS	2025-12-12 13:45:00	5.46	28.36	0.54	7.19	11.24	6.42	0.01
SQU-DS	2025-12-12 14:00:00	5.46	28.34	0.54	7.20	11.22	6.74	0.01
SQU-DS	2025-12-12 14:15:00	5.45	27.94	0.54	7.19	11.23	7.96	0.01
SQU-DS	2025-12-12 14:30:00	5.45	28.00	0.54	7.19	11.21	7.51	0.01
SQU-DS	2025-12-12 14:45:00	5.46	28.08	0.54	7.19	11.22	7.85	0.01
SQU-DS	2025-12-12 15:00:00	5.46	28.19	0.54	7.17	11.21	7.93	0.01
SQU-DS	2025-12-12 15:15:00	5.46	28.18	0.54	7.17	11.19	8.28	0.01
SQU-DS	2025-12-12 15:30:00	5.46	28.23	0.54	7.16	11.19	6.20	0.01
SQU-DS	2025-12-12 15:45:00	5.47	28.31	0.54	7.17	11.18	8.52	0.01
SQU-DS	2025-12-12 16:00:00	5.47	28.21	0.54	7.15	11.15	5.59	0.01
SQU-DS	2025-12-12 16:15:00	5.48	28.39	0.53	7.16	11.16	6.44	0.01
SQU-DS	2025-12-12 16:30:00	5.48	28.22	0.53	7.15	11.14	8.66	0.01
SQU-DS	2025-12-12 16:45:00	5.48	28.34	0.53	7.15	11.14	5.98	0.01
SQU-DS	2025-12-12 17:00:00	5.48	28.46	0.53	7.16	11.12	7.75	0.01
SQU-DS	2025-12-12 17:15:00	5.49	28.62	0.53	7.15	11.11	5.90	0.01
SQU-DS	2025-12-12 17:30:00	5.49	28.60	0.53	7.14	11.12	8.44	0.01
SQU-DS	2025-12-12 17:45:00	5.50	28.62	0.53	7.15	11.12	6.41	0.01
SQU-DS	2025-12-12 18:00:00	5.50	28.67	0.53	7.16	11.12	7.57	0.01
SQU-DS	2025-12-12 18:15:00	5.51	28.84	0.53	7.16	11.12	8.33	0.01
SQU-DS	2025-12-12 18:30:00	5.51	28.67	0.53	7.16	11.11	7.75	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-12 18:45:00	5.52	28.56	0.53	7.16	11.12	7.37	0.01
SQU-DS	2025-12-12 19:00:00	5.51	28.63	0.53	7.16	11.11	11.63	0.01
SQU-DS	2025-12-12 19:15:00	5.52	28.76	0.53	7.17	11.10	11.96	0.01
SQU-DS	2025-12-12 19:30:00	5.53	28.61	0.53	7.17	11.11	7.78	0.01
SQU-DS	2025-12-12 19:45:00	5.52	28.71	0.53	7.17	11.11	9.54	0.01
SQU-DS	2025-12-12 20:00:00	5.53	28.80	0.53	7.17	11.10	11.06	0.01
SQU-DS	2025-12-12 20:15:00	5.53	28.85	0.53	7.17	11.09	7.79	0.01
SQU-DS	2025-12-12 20:30:00	5.54	28.68	0.53	7.16	11.10	10.68	0.01
SQU-DS	2025-12-12 20:45:00	5.54	28.67	0.53	7.16	11.09	9.04	0.01
SQU-DS	2025-12-12 21:00:00	5.53	28.63	0.53	7.18	11.08	8.25	0.01
SQU-DS	2025-12-12 21:15:00	5.54	28.51	0.53	7.18	11.07	7.16	0.01
SQU-DS	2025-12-12 21:30:00	5.53	28.48	0.53	7.18	11.07	7.51	0.01
SQU-DS	2025-12-12 21:45:00	5.53	28.35	0.53	7.18	11.08	6.93	0.01
SQU-DS	2025-12-12 22:00:00	5.52	28.45	0.53	7.18	11.07	10.41	0.01
SQU-DS	2025-12-12 22:15:00	5.52	28.48	0.53	7.18	11.07	11.09	0.01
SQU-DS	2025-12-12 22:30:00	5.51	28.54	0.53	7.18	11.08	12.40	0.01
SQU-DS	2025-12-12 22:45:00	5.51	28.44	0.53	7.18	11.07	10.77	0.01
SQU-DS	2025-12-12 23:00:00	5.51	28.28	0.53	7.19	11.08	10.73	0.01
SQU-DS	2025-12-12 23:15:00	5.50	28.13	0.53	7.19	11.09	9.22	0.01
SQU-DS	2025-12-12 23:30:00	5.50	28.30	0.53	7.20	11.09	7.64	0.01
SQU-DS	2025-12-12 23:45:00	5.50	28.19	0.53	7.20	11.09	8.23	0.01
SQU-DS	2025-12-13 00:00:00	5.49	28.13	0.53	7.21	11.10	7.11	0.01
SQU-DS	2025-12-13 00:15:00	5.49	28.46	0.53	7.21	11.11	7.59	0.01
SQU-DS	2025-12-13 00:30:00	5.49	28.53	0.53	7.22	11.12	9.45	0.01
SQU-DS	2025-12-13 00:45:00	5.49	28.42	0.53	7.22	11.12	10.77	0.01
SQU-DS	2025-12-13 01:00:00	5.48	28.25	0.53	7.22	11.12	9.34	0.01
SQU-DS	2025-12-13 01:15:00	5.48	28.33	0.53	7.21	11.12	9.60	0.01
SQU-DS	2025-12-13 01:30:00	5.47	28.04	0.53	7.22	11.12	15.50	0.01
SQU-DS	2025-12-13 01:45:00	5.47	28.00	0.53	7.22	11.13	8.00	0.01
SQU-DS	2025-12-13 02:00:00	5.47	27.94	0.53	7.23	11.13	13.10	0.01
SQU-DS	2025-12-13 02:15:00	5.47	27.77	0.53	7.21	11.13	20.54	0.01
SQU-DS	2025-12-13 02:30:00	5.46	27.91	0.53	7.23	11.13	11.46	0.01
SQU-DS	2025-12-13 02:45:00	5.46	27.60	0.53	7.22	11.12	9.31	0.01
SQU-DS	2025-12-13 03:00:00	5.46	27.55	0.53	7.21	11.13	11.62	0.01
SQU-DS	2025-12-13 03:15:00	5.46	27.47	0.53	7.22	11.12	13.23	0.01
SQU-DS	2025-12-13 03:30:00	5.45	27.58	0.53	7.22	11.12	10.27	0.01
SQU-DS	2025-12-13 03:45:00	5.45	27.43	0.53	7.22	11.11	10.23	0.01
SQU-DS	2025-12-13 04:00:00	5.44	27.27	0.53	7.22	11.11	8.98	0.01
SQU-DS	2025-12-13 04:15:00	5.45	27.04	0.53	7.22	11.10	11.78	0.01
SQU-DS	2025-12-13 04:30:00	5.44	26.86	0.53	7.22	11.10	18.31	0.01
SQU-DS	2025-12-13 04:45:00	5.44	27.03	0.53	7.22	11.11	11.75	0.01
SQU-DS	2025-12-13 05:00:00	5.44	26.91	0.53	7.21	11.11	10.91	0.01
SQU-DS	2025-12-13 05:15:00	5.43	26.84	0.53	7.21	11.13	11.89	0.01
SQU-DS	2025-12-13 05:30:00	5.43	26.94	0.53	7.21	11.13	10.52	0.01
SQU-DS	2025-12-13 05:45:00	5.43	27.29	0.53	7.21	11.13	13.26	0.01
SQU-DS	2025-12-13 06:00:00	5.43	27.18	0.53	7.22	11.15	10.30	0.01
SQU-DS	2025-12-13 06:15:00	5.42	27.12	0.53	7.22	11.16	11.30	0.01
SQU-DS	2025-12-13 06:30:00	5.43	27.03	0.53	7.21	11.17	10.87	0.01
SQU-DS	2025-12-13 06:45:00	5.42	26.89	0.53	7.21	11.18	9.07	0.01
SQU-DS	2025-12-13 07:00:00	5.42	26.78	0.53	7.23	11.18	12.79	0.01
SQU-DS	2025-12-13 07:15:00	5.42	26.92	0.53	7.22	11.19	10.33	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-13 07:30:00	5.42	27.00	0.53	7.20	11.18	14.90	0.01
SQU-DS	2025-12-13 07:45:00	5.42	27.00	0.53	7.21	11.17	12.00	0.01
SQU-DS	2025-12-13 08:00:00	5.43	27.22	0.54	7.20	11.18	11.73	0.01
SQU-DS	2025-12-13 08:15:00	5.43	27.13	0.54	7.20	11.19	16.20	0.01
SQU-DS	2025-12-13 08:30:00	5.43	27.11	0.54	7.21	11.18	13.24	0.01
SQU-DS	2025-12-13 08:45:00	5.43	26.88	0.54	7.20	11.19	12.15	0.01
SQU-DS	2025-12-13 09:00:00	5.43	26.98	0.54	7.20	11.18	8.63	0.01
SQU-DS	2025-12-13 09:15:00	5.44	26.91	0.53	7.20	11.19	9.12	0.01
SQU-DS	2025-12-13 09:30:00	5.45	26.95	0.53	7.21	11.18	9.69	0.01
SQU-DS	2025-12-13 09:45:00	5.46	27.11	0.53	7.21	11.18	11.62	0.01
SQU-DS	2025-12-13 10:00:00	5.47	27.04	0.53	7.21	11.18	12.10	0.01
SQU-DS	2025-12-13 10:15:00	5.48	27.11	0.53	7.20	11.18	12.55	0.01
SQU-DS	2025-12-13 10:30:00	5.50	27.60	0.53	7.21	11.17	9.69	0.01
SQU-DS	2025-12-13 10:45:00	5.51	27.49	0.53	7.21	11.18	8.58	0.01
SQU-DS	2025-12-13 11:00:00	5.52	27.24	0.53	7.22	11.18	12.34	0.01
SQU-DS	2025-12-13 11:15:00	5.53	27.14	0.53	7.22	11.17	7.84	0.01
SQU-DS	2025-12-13 11:30:00	5.55	26.99	0.53	7.21	11.15	12.52	0.01
SQU-DS	2025-12-13 11:45:00	5.55	26.67	0.53	7.22	11.15	12.93	0.01
SQU-DS	2025-12-13 12:00:00	5.55	26.58	0.54	7.22	11.15	13.25	0.01
SQU-DS	2025-12-13 12:15:00	5.58	26.57	0.54	7.22	11.14	6.52	0.01
SQU-DS	2025-12-13 12:30:00	5.60	26.66	0.54	7.21	11.14	9.21	0.01
SQU-DS	2025-12-13 12:45:00	5.62	26.62	0.54	7.21	11.12	10.27	0.01
SQU-DS	2025-12-13 13:00:00	5.63	26.41	0.54	7.21	11.11	10.82	0.01
SQU-DS	2025-12-13 13:15:00	5.66	26.38	0.54	7.20	11.10	7.36	0.01
SQU-DS	2025-12-13 13:30:00	5.70	26.73	0.54	7.20	11.09	6.38	0.01
SQU-DS	2025-12-13 13:45:00	5.71	26.64	0.54	7.18	11.06	8.64	0.01
SQU-DS	2025-12-13 14:00:00	5.71	26.28	0.54	7.19	11.06	8.46	0.01
SQU-DS	2025-12-13 14:15:00	5.72	26.21	0.55	7.17	11.04	10.96	0.01
SQU-DS	2025-12-13 14:30:00	5.73	26.27	0.55	7.18	11.03	9.28	0.01
SQU-DS	2025-12-13 14:45:00	5.72	26.14	0.55	7.18	11.02	10.11	0.01
SQU-DS	2025-12-13 15:00:00	5.72	26.08	0.55	7.18	11.01	8.84	0.01
SQU-DS	2025-12-13 15:15:00	5.72	25.98	0.54	7.18	11.00	10.31	0.01
SQU-DS	2025-12-13 15:30:00	5.72	25.98	0.54	7.18	11.00	9.36	0.01
SQU-DS	2025-12-13 15:45:00	5.72	25.93	0.54	7.17	10.98	8.63	0.01
SQU-DS	2025-12-13 16:00:00	5.73	25.96	0.54	7.17	10.98	11.63	0.01
SQU-DS	2025-12-13 16:15:00	5.73	26.28	0.54	7.17	10.98	8.96	0.01
SQU-DS	2025-12-13 16:30:00	5.73	26.38	0.54	7.16	10.97	10.72	0.01
SQU-DS	2025-12-13 16:45:00	5.73	26.93	0.54	7.16	10.97	14.31	0.01
SQU-DS	2025-12-13 17:00:00	5.73	26.80	0.54	7.16	10.94	9.72	0.01
SQU-DS	2025-12-13 17:15:00	5.73	26.90	0.54	7.15	10.95	9.29	0.01
SQU-DS	2025-12-13 17:30:00	5.74	27.13	0.54	7.16	10.95	10.13	0.01
SQU-DS	2025-12-13 17:45:00	5.74	27.22	0.54	7.15	10.94	10.65	0.01
SQU-DS	2025-12-13 18:00:00	5.74	27.23	0.54	7.15	10.94	9.30	0.01
SQU-DS	2025-12-13 18:15:00	5.75	27.39	0.54	7.14	10.94	12.23	0.01
SQU-DS	2025-12-13 18:30:00	5.75	27.47	0.54	7.16	10.94	9.88	0.01
SQU-DS	2025-12-13 18:45:00	5.75	27.50	0.54	7.16	10.92	10.12	0.01
SQU-DS	2025-12-13 19:00:00	5.75	27.59	0.54	7.15	10.91	7.81	0.01
SQU-DS	2025-12-13 19:15:00	5.76	27.80	0.54	7.15	10.88	8.94	0.01
SQU-DS	2025-12-13 19:30:00	5.75	27.75	0.54	7.16	10.86	7.76	0.01
SQU-DS	2025-12-13 19:45:00	5.75	27.15	0.54	7.17	10.86	9.79	0.01
SQU-DS	2025-12-13 20:00:00	5.75	27.10	0.54	7.16	10.86	11.74	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-13 20:15:00	5.76	27.36	0.54	7.16	10.86	12.59	0.01
SQU-DS	2025-12-13 20:30:00	5.75	27.38	0.54	7.15	10.85	9.20	0.01
SQU-DS	2025-12-13 20:45:00	5.75	27.50	0.54	7.16	10.86	10.99	0.01
SQU-DS	2025-12-13 21:00:00	5.75	27.62	0.54	7.14	10.86	12.63	0.01
SQU-DS	2025-12-13 21:15:00	5.75	27.69	0.53	7.16	10.87	10.02	0.01
SQU-DS	2025-12-13 21:30:00	5.76	27.56	0.53	7.15	10.87	17.27	0.01
SQU-DS	2025-12-13 21:45:00	5.75	27.80	0.53	7.16	10.87	8.03	0.01
SQU-DS	2025-12-13 22:00:00	5.75	27.92	0.53	7.15	10.87	10.30	0.01
SQU-DS	2025-12-13 22:15:00	5.75	27.94	0.53	7.15	10.86	9.75	0.01
SQU-DS	2025-12-13 22:30:00	5.74	27.75	0.53	7.16	10.87	9.71	0.01
SQU-DS	2025-12-13 22:45:00	5.74	27.80	0.53	7.16	10.86	8.63	0.01
SQU-DS	2025-12-13 23:00:00	5.73	27.91	0.53	7.17	10.86	9.69	0.01
SQU-DS	2025-12-13 23:15:00	5.73	27.78	0.53	7.16	10.86	11.94	0.01
SQU-DS	2025-12-13 23:30:00	5.74	27.83	0.53	7.17	10.87	9.53	0.01
SQU-DS	2025-12-13 23:45:00	5.74	27.91	0.53	7.16	10.86	10.21	0.01
SQU-DS	2025-12-14 00:00:00	5.74	27.85	0.53	7.16	10.84	11.08	0.01
SQU-DS	2025-12-14 00:15:00	5.74	28.18	0.53	7.17	10.85	8.70	0.01
SQU-DS	2025-12-14 00:30:00	5.74	27.67	0.53	7.17	10.86	9.21	0.01
SQU-DS	2025-12-14 00:45:00	5.75	28.02	0.53	7.18	10.84	8.96	0.01
SQU-DS	2025-12-14 01:00:00	5.74	27.94	0.53	7.17	10.84	8.72	0.01
SQU-DS	2025-12-14 01:15:00	5.75	27.89	0.53	7.18	10.84	9.17	0.01
SQU-DS	2025-12-14 01:30:00	5.75	27.80	0.53	7.18	10.85	11.99	0.01
SQU-DS	2025-12-14 01:45:00	5.76	27.78	0.53	7.18	10.85	9.48	0.01
SQU-DS	2025-12-14 02:00:00	5.77	27.87	0.53	7.19	10.85	10.07	0.01
SQU-DS	2025-12-14 02:15:00	5.78	27.74	0.53	7.19	10.84	9.13	0.01
SQU-DS	2025-12-14 02:30:00	5.79	27.53	0.53	7.18	10.84	9.55	0.01
SQU-DS	2025-12-14 02:45:00	5.79	27.64	0.53	7.20	10.85	7.97	0.01
SQU-DS	2025-12-14 03:00:00	5.80	27.61	0.53	7.20	10.84	8.32	0.01
SQU-DS	2025-12-14 03:15:00	5.81	27.72	0.53	7.20	10.83	9.68	0.01
SQU-DS	2025-12-14 03:30:00	5.82	27.96	0.53	7.19	10.83	13.75	0.01
SQU-DS	2025-12-14 03:45:00	5.82	27.52	0.53	7.19	10.84	10.82	0.01
SQU-DS	2025-12-14 04:00:00	5.82	27.50	0.53	7.19	10.83	11.45	0.01
SQU-DS	2025-12-14 04:15:00	5.82	27.52	0.53	7.19	10.84	11.86	0.01
SQU-DS	2025-12-14 04:30:00	5.82	27.48	0.53	7.20	10.84	12.71	0.01
SQU-DS	2025-12-14 04:45:00	5.83	27.41	0.53	7.20	10.84	11.52	0.01
SQU-DS	2025-12-14 05:00:00	5.84	27.38	0.53	7.20	10.86	13.00	0.01
SQU-DS	2025-12-14 05:15:00	5.84	27.52	0.53	7.20	10.87	12.73	0.01
SQU-DS	2025-12-14 05:30:00	5.84	27.40	0.53	7.20	10.87	12.15	0.01
SQU-DS	2025-12-14 05:45:00	5.84	27.42	0.53	7.20	10.88	14.08	0.01
SQU-DS	2025-12-14 06:00:00	5.84	27.60	0.53	7.21	10.88	12.70	0.01
SQU-DS	2025-12-14 06:15:00	5.84	27.70	0.53	7.20	10.87	10.14	0.01
SQU-DS	2025-12-14 06:30:00	5.86	27.59	0.53	7.21	10.86	9.68	0.01
SQU-DS	2025-12-14 06:45:00	5.88	27.52	0.53	7.21	10.87	7.48	0.01
SQU-DS	2025-12-14 07:00:00	5.92	27.56	0.53	7.21	10.86	11.67	0.01
SQU-DS	2025-12-14 07:15:00	5.92	27.80	0.53	7.21	10.86	11.15	0.01
SQU-DS	2025-12-14 07:30:00	5.93	27.84	0.53	7.22	10.88	10.23	0.01
SQU-DS	2025-12-14 07:45:00	5.95	28.38	0.53	7.22	10.87	11.57	0.01
SQU-DS	2025-12-14 08:00:00	5.98	28.22	0.53	7.21	10.88	12.02	0.01
SQU-DS	2025-12-14 08:15:00	5.99	28.05	0.53	7.23	10.89	12.74	0.01
SQU-DS	2025-12-14 08:30:00	5.99	27.85	0.53	7.22	10.89	13.58	0.01
SQU-DS	2025-12-14 08:45:00	6.00	27.85	0.53	7.23	10.91	12.82	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-14 09:00:00	6.00	27.14	0.53	7.24	10.93	17.07	0.01
SQU-DS	2025-12-14 09:15:00	6.01	26.83	0.53	7.24	10.96	13.82	0.01
SQU-DS	2025-12-14 09:30:00	6.01	26.96	0.53	7.25	10.97	12.63	0.01
SQU-DS	2025-12-14 09:45:00	6.01	26.50	0.53	7.25	11.00	10.10	0.01
SQU-DS	2025-12-14 10:00:00	6.00	26.28	0.53	7.25	11.01	8.81	0.01
SQU-DS	2025-12-14 10:15:00	6.00	25.66	0.53	7.25	11.02	12.16	0.01
SQU-DS	2025-12-14 10:30:00	6.03	24.98	0.53	7.25	11.03	11.89	0.01
SQU-DS	2025-12-14 10:45:00	6.05	24.55	0.53	7.25	11.05	10.39	0.01
SQU-DS	2025-12-14 11:00:00	6.06	24.36	0.53	7.25	11.06	13.71	0.01
SQU-DS	2025-12-14 11:15:00	6.06	23.75	0.54	7.25	11.07	7.19	0.01
SQU-DS	2025-12-14 11:30:00	6.07	23.24	0.54	7.24	11.10	9.75	0.01
SQU-DS	2025-12-14 11:45:00	6.05	22.52	0.54	7.25	11.12	12.77	0.01
SQU-DS	2025-12-14 12:00:00	6.06	22.20	0.54	7.24	11.13	16.49	0.01
SQU-DS	2025-12-14 12:15:00	6.08	21.86	0.54	7.25	11.15	13.44	0.01
SQU-DS	2025-12-14 12:30:00	6.06	21.35	0.54	7.24	11.18	13.15	0.01
SQU-DS	2025-12-14 12:45:00	6.05	20.99	0.54	7.24	11.19	17.72	0.01
SQU-DS	2025-12-14 13:00:00	6.04	20.28	0.54	7.25	11.22	21.22	0.01
SQU-DS	2025-12-14 13:15:00	6.04	19.78	0.55	7.25	11.27	12.09	0.01
SQU-DS	2025-12-14 13:30:00	6.05	19.36	0.55	7.24	11.35	13.23	0.01
SQU-DS	2025-12-14 13:45:00	6.05	18.93	0.55	7.26	11.47	11.95	0.01
SQU-DS	2025-12-14 14:00:00	6.04	18.78	0.55	7.27	11.53	15.40	0.01
SQU-DS	2025-12-14 14:15:00	6.04	18.99	0.55	7.25	11.58	15.42	0.01
SQU-DS	2025-12-14 14:30:00	6.03	18.82	0.55	7.24	11.61	17.81	0.01
SQU-DS	2025-12-14 14:45:00	6.03	18.40	0.54	7.28	11.65	20.31	0.01
SQU-DS	2025-12-14 15:00:00	6.02	19.02	0.54	7.29	11.68	21.32	0.01
SQU-DS	2025-12-14 15:15:00	6.01	18.73	0.54	7.37	11.71	21.64	0.01
SQU-DS	2025-12-14 15:30:00	6.00	19.13	0.54	7.31	11.73	27.57	0.01
SQU-DS	2025-12-14 15:45:00	6.00	19.27	0.54	7.27	11.75	22.68	0.01
SQU-DS	2025-12-14 16:00:00	6.00	19.93	0.54	7.32	11.77	22.79	0.01
SQU-DS	2025-12-14 16:15:00	5.99	19.07	0.54	7.31	11.77	34.23	0.01
SQU-DS	2025-12-14 16:30:00	5.98	19.02	0.53	7.34	11.76	23.25	0.01
SQU-DS	2025-12-14 16:45:00	5.97	18.88	0.53	7.39	11.77	33.35	0.01
SQU-DS	2025-12-14 17:00:00	5.95	18.84	0.53	7.39	11.79	29.70	0.01
SQU-DS	2025-12-14 17:15:00	5.95	18.96	0.54	7.29	11.79	42.85	0.01
SQU-DS	2025-12-14 17:30:00	5.93	19.32	0.53	7.34	11.81	29.86	0.01
SQU-DS	2025-12-14 17:45:00	5.92	18.76	0.54	7.26	11.82	31.91	0.01
SQU-DS	2025-12-14 18:00:00	5.91	19.63	0.54	7.25	11.84	56.49	0.01
SQU-DS	2025-12-14 18:15:00	5.90	19.01	0.53	7.37	11.85	41.65	0.01
SQU-DS	2025-12-14 18:30:00	5.89	20.46	0.54	7.28	11.85	36.37	0.01
SQU-DS	2025-12-14 18:45:00	5.87	17.67	0.54	7.37	11.85	54.17	0.01
SQU-DS	2025-12-14 19:00:00	5.86	18.50	0.54	7.23	11.87	37.28	0.01
SQU-DS	2025-12-14 19:15:00	5.86	19.55	0.54	7.27	11.86	77.78	0.01
SQU-DS	2025-12-14 19:30:00	5.85	18.27	0.54	7.33	11.85	33.32	0.01
SQU-DS	2025-12-14 19:45:00	5.85	17.87	0.54	7.34	11.86	36.61	0.01
SQU-DS	2025-12-14 20:00:00	5.84	17.65	0.54	7.30	11.87	50.64	0.01
SQU-DS	2025-12-14 20:15:00	5.84	18.93	0.54	7.28	11.88	42.30	0.01
SQU-DS	2025-12-14 20:30:00	5.84	19.20	0.54	7.27	11.89	49.75	0.01
SQU-DS	2025-12-14 20:45:00	5.84	17.44	0.54	7.32	11.88	47.03	0.01
SQU-DS	2025-12-14 21:00:00	5.83	19.52	0.54	7.22	11.90	47.86	0.01
SQU-DS	2025-12-14 21:15:00	5.84	17.83	0.55	7.22	11.89	61.29	0.01
SQU-DS	2025-12-14 21:30:00	5.85	20.78	0.54	7.31	11.91	46.33	0.01

Squamish River								
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
SQU-DS	2025-12-14 21:45:00	5.85	21.06	0.54	7.23	11.90	50.34	0.01
SQU-DS	2025-12-14 22:00:00	5.85	18.30	0.54	7.22	11.92	63.35	0.01
SQU-DS	2025-12-14 22:15:00	5.87	19.80	0.54	7.21	11.93	47.63	0.01
SQU-DS	2025-12-14 22:30:00	5.88	18.40	0.54	7.24	11.95	45.38	0.01
SQU-DS	2025-12-14 22:45:00	5.88	17.04	0.54	7.20	11.96	46.24	0.01
SQU-DS	2025-12-14 23:00:00	5.88	17.09	0.54	7.18	11.96	44.53	0.01
SQU-DS	2025-12-14 23:15:00	5.91	18.14	0.54	7.21	11.98	48.98	0.01
SQU-DS	2025-12-14 23:30:00	5.91	17.98	0.54	7.19	11.94	71.93	0.01
SQU-DS	2025-12-14 23:45:00	5.92	16.83	0.54	7.28	11.89	61.56	0.01
SQU-US	2025-12-08 00:00:00							
SQU-US	2025-12-08 00:15:00							
SQU-US	2025-12-08 00:30:00							
SQU-US	2025-12-08 00:45:00							
SQU-US	2025-12-08 01:00:00							
SQU-US	2025-12-08 01:15:00							
SQU-US	2025-12-08 01:30:00							
SQU-US	2025-12-08 01:45:00							
SQU-US	2025-12-08 02:00:00							
SQU-US	2025-12-08 02:15:00							
SQU-US	2025-12-08 02:30:00							
SQU-US	2025-12-08 02:45:00							
SQU-US	2025-12-08 03:00:00							
SQU-US	2025-12-08 03:15:00							
SQU-US	2025-12-08 03:30:00							
SQU-US	2025-12-08 03:45:00							
SQU-US	2025-12-08 04:00:00							
SQU-US	2025-12-08 04:15:00							
SQU-US	2025-12-08 04:30:00							
SQU-US	2025-12-08 04:45:00							
SQU-US	2025-12-08 05:00:00							
SQU-US	2025-12-08 05:15:00							
SQU-US	2025-12-08 05:30:00							
SQU-US	2025-12-08 05:45:00							
SQU-US	2025-12-08 06:00:00							
SQU-US	2025-12-08 06:15:00							
SQU-US	2025-12-08 06:30:00							
SQU-US	2025-12-08 06:45:00							
SQU-US	2025-12-08 07:00:00							
SQU-US	2025-12-08 07:15:00							
SQU-US	2025-12-08 07:30:00							
SQU-US	2025-12-08 07:45:00							
SQU-US	2025-12-08 08:00:00							
SQU-US	2025-12-08 08:15:00							
SQU-US	2025-12-08 08:30:00							
SQU-US	2025-12-08 08:45:00							
SQU-US	2025-12-08 09:00:00							
SQU-US	2025-12-08 09:15:00							
SQU-US	2025-12-08 09:30:00							
SQU-US	2025-12-08 09:45:00							
SQU-US	2025-12-08 10:00:00							
SQU-US	2025-12-08 10:15:00							

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	2025-12-08 10:30:00							
SQU-US	2025-12-08 10:45:00							
SQU-US	2025-12-08 11:00:00							
SQU-US	2025-12-08 11:15:00							
SQU-US	2025-12-08 11:30:00							
SQU-US	2025-12-08 11:45:00							
SQU-US	2025-12-08 12:00:00							
SQU-US	2025-12-08 12:15:00							
SQU-US	2025-12-08 12:30:00							
SQU-US	2025-12-08 12:45:00							
SQU-US	2025-12-08 13:00:00							
SQU-US	2025-12-08 13:15:00							
SQU-US	2025-12-08 13:30:00							
SQU-US	2025-12-08 13:45:00							
SQU-US	2025-12-08 14:00:00							
SQU-US	2025-12-08 14:15:00							
SQU-US	2025-12-08 14:30:00							
SQU-US	2025-12-08 14:45:00							
SQU-US	2025-12-08 15:00:00							
SQU-US	2025-12-08 15:15:00							
SQU-US	2025-12-08 15:30:00							
SQU-US	2025-12-08 15:45:00							
SQU-US	2025-12-08 16:00:00							
SQU-US	2025-12-08 16:15:00							
SQU-US	2025-12-08 16:30:00							
SQU-US	2025-12-08 16:45:00							
SQU-US	2025-12-08 17:00:00							
SQU-US	2025-12-08 17:15:00							
SQU-US	2025-12-08 17:30:00							
SQU-US	2025-12-08 17:45:00							
SQU-US	2025-12-08 18:00:00							
SQU-US	2025-12-08 18:15:00							
SQU-US	2025-12-08 18:30:00							
SQU-US	2025-12-08 18:45:00							
SQU-US	2025-12-08 19:00:00							
SQU-US	2025-12-08 19:15:00							
SQU-US	2025-12-08 19:30:00							
SQU-US	2025-12-08 19:45:00							
SQU-US	2025-12-08 20:00:00							
SQU-US	2025-12-08 20:15:00							
SQU-US	2025-12-08 20:30:00							
SQU-US	2025-12-08 20:45:00							
SQU-US	2025-12-08 21:00:00							
SQU-US	2025-12-08 21:15:00							
SQU-US	2025-12-08 21:30:00							
SQU-US	2025-12-08 21:45:00							
SQU-US	2025-12-08 22:00:00							
SQU-US	2025-12-08 22:15:00							
SQU-US	2025-12-08 22:30:00							
SQU-US	2025-12-08 22:45:00							
SQU-US	2025-12-08 23:00:00							

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	2025-12-08 23:15:00							
SQU-US	2025-12-08 23:30:00							
SQU-US	2025-12-08 23:45:00							
SQU-US	2025-12-09 00:00:00							
SQU-US	2025-12-09 00:15:00							
SQU-US	2025-12-09 00:30:00							
SQU-US	2025-12-09 00:45:00							
SQU-US	2025-12-09 01:00:00							
SQU-US	2025-12-09 01:15:00							
SQU-US	2025-12-09 01:30:00							
SQU-US	2025-12-09 01:45:00							
SQU-US	2025-12-09 02:00:00							
SQU-US	2025-12-09 02:15:00							
SQU-US	2025-12-09 02:30:00							
SQU-US	2025-12-09 02:45:00							
SQU-US	2025-12-09 03:00:00							
SQU-US	2025-12-09 03:15:00							
SQU-US	2025-12-09 03:30:00							
SQU-US	2025-12-09 03:45:00							
SQU-US	2025-12-09 04:00:00							
SQU-US	2025-12-09 04:15:00							
SQU-US	2025-12-09 04:30:00							
SQU-US	2025-12-09 04:45:00							
SQU-US	2025-12-09 05:00:00							
SQU-US	2025-12-09 05:15:00							
SQU-US	2025-12-09 05:30:00							
SQU-US	2025-12-09 05:45:00							
SQU-US	2025-12-09 06:00:00							
SQU-US	2025-12-09 06:15:00							
SQU-US	2025-12-09 06:30:00							
SQU-US	2025-12-09 06:45:00							
SQU-US	2025-12-09 07:00:00							
SQU-US	2025-12-09 07:15:00							
SQU-US	2025-12-09 07:30:00							
SQU-US	2025-12-09 07:45:00							
SQU-US	2025-12-09 08:00:00							
SQU-US	2025-12-09 08:15:00							
SQU-US	2025-12-09 08:30:00							
SQU-US	2025-12-09 08:45:00							
SQU-US	2025-12-09 09:00:00							
SQU-US	2025-12-09 09:15:00							
SQU-US	2025-12-09 09:30:00							
SQU-US	2025-12-09 09:45:00							
SQU-US	2025-12-09 10:00:00							
SQU-US	2025-12-09 10:15:00							
SQU-US	2025-12-09 10:30:00							
SQU-US	2025-12-09 10:45:00							
SQU-US	2025-12-09 11:00:00							
SQU-US	2025-12-09 11:15:00							
SQU-US	2025-12-09 11:30:00							
SQU-US	2025-12-09 11:45:00							

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	2025-12-09 12:00:00							
SQU-US	2025-12-09 12:15:00							
SQU-US	2025-12-09 12:30:00							
SQU-US	2025-12-09 12:45:00							
SQU-US	2025-12-09 13:00:00							
SQU-US	2025-12-09 13:15:00							
SQU-US	2025-12-09 13:30:00							
SQU-US	2025-12-09 13:45:00							
SQU-US	2025-12-09 14:00:00							
SQU-US	2025-12-09 14:15:00							
SQU-US	2025-12-09 14:30:00							
SQU-US	2025-12-09 14:45:00							
SQU-US	2025-12-09 15:00:00							
SQU-US	2025-12-09 15:15:00							
SQU-US	2025-12-09 15:30:00							
SQU-US	2025-12-09 15:45:00							
SQU-US	2025-12-09 16:00:00							
SQU-US	2025-12-09 16:15:00							
SQU-US	2025-12-09 16:30:00							
SQU-US	2025-12-09 16:45:00							
SQU-US	2025-12-09 17:00:00							
SQU-US	2025-12-09 17:15:00							
SQU-US	2025-12-09 17:30:00							
SQU-US	2025-12-09 17:45:00							
SQU-US	2025-12-09 18:00:00							
SQU-US	2025-12-09 18:15:00							
SQU-US	2025-12-09 18:30:00							
SQU-US	2025-12-09 18:45:00							
SQU-US	2025-12-09 19:00:00							
SQU-US	2025-12-09 19:15:00							
SQU-US	2025-12-09 19:30:00							
SQU-US	2025-12-09 19:45:00							
SQU-US	2025-12-09 20:00:00							
SQU-US	2025-12-09 20:15:00							
SQU-US	2025-12-09 20:30:00							
SQU-US	2025-12-09 20:45:00							
SQU-US	2025-12-09 21:00:00							
SQU-US	2025-12-09 21:15:00							
SQU-US	2025-12-09 21:30:00							
SQU-US	2025-12-09 21:45:00							
SQU-US	2025-12-09 22:00:00							
SQU-US	2025-12-09 22:15:00							
SQU-US	2025-12-09 22:30:00							
SQU-US	2025-12-09 22:45:00							
SQU-US	2025-12-09 23:00:00							
SQU-US	2025-12-09 23:15:00							
SQU-US	2025-12-09 23:30:00							
SQU-US	2025-12-09 23:45:00							
SQU-US	2025-12-10 00:00:00							
SQU-US	2025-12-10 00:15:00							
SQU-US	2025-12-10 00:30:00							

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	2025-12-10 00:45:00							
SQU-US	2025-12-10 01:00:00							
SQU-US	2025-12-10 01:15:00							
SQU-US	2025-12-10 01:30:00							
SQU-US	2025-12-10 01:45:00							
SQU-US	2025-12-10 02:00:00							
SQU-US	2025-12-10 02:15:00							
SQU-US	2025-12-10 02:30:00							
SQU-US	2025-12-10 02:45:00							
SQU-US	2025-12-10 03:00:00							
SQU-US	2025-12-10 03:15:00							
SQU-US	2025-12-10 03:30:00							
SQU-US	2025-12-10 03:45:00							
SQU-US	2025-12-10 04:00:00							
SQU-US	2025-12-10 04:15:00							
SQU-US	2025-12-10 04:30:00							
SQU-US	2025-12-10 04:45:00							
SQU-US	2025-12-10 05:00:00							
SQU-US	2025-12-10 05:15:00							
SQU-US	2025-12-10 05:30:00							
SQU-US	2025-12-10 05:45:00							
SQU-US	2025-12-10 06:00:00							
SQU-US	2025-12-10 06:15:00							
SQU-US	2025-12-10 06:30:00							
SQU-US	2025-12-10 06:45:00							
SQU-US	2025-12-10 07:00:00							
SQU-US	2025-12-10 07:15:00							
SQU-US	2025-12-10 07:30:00							
SQU-US	2025-12-10 07:45:00							
SQU-US	2025-12-10 08:00:00							
SQU-US	2025-12-10 08:15:00							
SQU-US	2025-12-10 08:30:00							
SQU-US	2025-12-10 08:45:00							
SQU-US	2025-12-10 09:00:00							
SQU-US	2025-12-10 09:15:00							
SQU-US	2025-12-10 09:30:00							
SQU-US	2025-12-10 09:45:00							
SQU-US	2025-12-10 10:00:00							
SQU-US	2025-12-10 10:15:00							
SQU-US	2025-12-10 10:30:00							
SQU-US	2025-12-10 10:45:00							
SQU-US	2025-12-10 11:00:00							
SQU-US	2025-12-10 11:15:00							
SQU-US	2025-12-10 11:30:00							
SQU-US	2025-12-10 11:45:00							
SQU-US	2025-12-10 12:00:00							
SQU-US	2025-12-10 12:15:00							
SQU-US	2025-12-10 12:30:00							
SQU-US	2025-12-10 12:45:00							
SQU-US	2025-12-10 13:00:00							
SQU-US	2025-12-10 13:15:00							

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	2025-12-10 13:30:00							
SQU-US	2025-12-10 13:45:00							
SQU-US	2025-12-10 14:00:00							
SQU-US	2025-12-10 14:15:00							
SQU-US	2025-12-10 14:30:00							
SQU-US	2025-12-10 14:45:00							
SQU-US	2025-12-10 15:00:00							
SQU-US	2025-12-10 15:15:00							
SQU-US	2025-12-10 15:30:00							
SQU-US	2025-12-10 15:45:00							
SQU-US	2025-12-10 16:00:00							
SQU-US	2025-12-10 16:15:00							
SQU-US	2025-12-10 16:30:00							
SQU-US	2025-12-10 16:45:00							
SQU-US	2025-12-10 17:00:00							
SQU-US	2025-12-10 17:15:00							
SQU-US	2025-12-10 17:30:00							
SQU-US	2025-12-10 17:45:00							
SQU-US	2025-12-10 18:00:00							
SQU-US	2025-12-10 18:15:00							
SQU-US	2025-12-10 18:30:00							
SQU-US	2025-12-10 18:45:00							
SQU-US	2025-12-10 19:00:00							
SQU-US	2025-12-10 19:15:00							
SQU-US	2025-12-10 19:30:00							
SQU-US	2025-12-10 19:45:00							
SQU-US	2025-12-10 20:00:00							
SQU-US	2025-12-10 20:15:00							
SQU-US	2025-12-10 20:30:00							
SQU-US	2025-12-10 20:45:00							
SQU-US	2025-12-10 21:00:00							
SQU-US	2025-12-10 21:15:00							
SQU-US	2025-12-10 21:30:00							
SQU-US	2025-12-10 21:45:00							
SQU-US	2025-12-10 22:00:00							
SQU-US	2025-12-10 22:15:00							
SQU-US	2025-12-10 22:30:00							
SQU-US	2025-12-10 22:45:00							
SQU-US	2025-12-10 23:00:00							
SQU-US	2025-12-10 23:15:00							
SQU-US	2025-12-10 23:30:00							
SQU-US	2025-12-10 23:45:00							
SQU-US	2025-12-11 00:00:00							
SQU-US	2025-12-11 00:15:00							
SQU-US	2025-12-11 00:30:00							
SQU-US	2025-12-11 00:45:00							
SQU-US	2025-12-11 01:00:00							
SQU-US	2025-12-11 01:15:00							
SQU-US	2025-12-11 01:30:00							
SQU-US	2025-12-11 01:45:00							
SQU-US	2025-12-11 02:00:00							

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	2025-12-11 02:15:00							
SQU-US	2025-12-11 02:30:00							
SQU-US	2025-12-11 02:45:00							
SQU-US	2025-12-11 03:00:00							
SQU-US	2025-12-11 03:15:00							
SQU-US	2025-12-11 03:30:00							
SQU-US	2025-12-11 03:45:00							
SQU-US	2025-12-11 04:00:00							
SQU-US	2025-12-11 04:15:00							
SQU-US	2025-12-11 04:30:00							
SQU-US	2025-12-11 04:45:00							
SQU-US	2025-12-11 05:00:00							
SQU-US	2025-12-11 05:15:00							
SQU-US	2025-12-11 05:30:00							
SQU-US	2025-12-11 05:45:00							
SQU-US	2025-12-11 06:00:00							
SQU-US	2025-12-11 06:15:00							
SQU-US	2025-12-11 06:30:00							
SQU-US	2025-12-11 06:45:00							
SQU-US	2025-12-11 07:00:00							
SQU-US	2025-12-11 07:15:00							
SQU-US	2025-12-11 07:30:00							
SQU-US	2025-12-11 07:45:00							
SQU-US	2025-12-11 08:00:00							
SQU-US	2025-12-11 08:15:00							
SQU-US	2025-12-11 08:30:00							
SQU-US	2025-12-11 08:45:00							
SQU-US	2025-12-11 09:00:00							
SQU-US	2025-12-11 09:15:00							
SQU-US	2025-12-11 09:30:00							
SQU-US	2025-12-11 09:45:00							
SQU-US	2025-12-11 10:00:00							
SQU-US	2025-12-11 10:15:00							
SQU-US	2025-12-11 10:30:00							
SQU-US	2025-12-11 10:45:00							
SQU-US	2025-12-11 11:00:00							
SQU-US	2025-12-11 11:15:00							
SQU-US	2025-12-11 11:30:00							
SQU-US	2025-12-11 11:45:00							
SQU-US	2025-12-11 12:00:00							
SQU-US	2025-12-11 12:15:00							
SQU-US	2025-12-11 12:30:00							
SQU-US	2025-12-11 12:45:00							
SQU-US	2025-12-11 13:00:00							
SQU-US	2025-12-11 13:15:00							
SQU-US	2025-12-11 13:30:00							
SQU-US	2025-12-11 13:45:00							
SQU-US	2025-12-11 14:00:00							
SQU-US	2025-12-11 14:15:00							
SQU-US	2025-12-11 14:30:00							
SQU-US	2025-12-11 14:45:00							

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	2025-12-11 15:00:00							
SQU-US	2025-12-11 15:15:00							
SQU-US	2025-12-11 15:30:00							
SQU-US	2025-12-11 15:45:00							
SQU-US	2025-12-11 16:00:00							
SQU-US	2025-12-11 16:15:00							
SQU-US	2025-12-11 16:30:00							
SQU-US	2025-12-11 16:45:00							
SQU-US	2025-12-11 17:00:00							
SQU-US	2025-12-11 17:15:00							
SQU-US	2025-12-11 17:30:00							
SQU-US	2025-12-11 17:45:00							
SQU-US	2025-12-11 18:00:00							
SQU-US	2025-12-11 18:15:00							
SQU-US	2025-12-11 18:30:00							
SQU-US	2025-12-11 18:45:00							
SQU-US	2025-12-11 19:00:00							
SQU-US	2025-12-11 19:15:00							
SQU-US	2025-12-11 19:30:00							
SQU-US	2025-12-11 19:45:00							
SQU-US	2025-12-11 20:00:00							
SQU-US	2025-12-11 20:15:00							
SQU-US	2025-12-11 20:30:00							
SQU-US	2025-12-11 20:45:00							
SQU-US	2025-12-11 21:00:00							
SQU-US	2025-12-11 21:15:00							
SQU-US	2025-12-11 21:30:00							
SQU-US	2025-12-11 21:45:00							
SQU-US	2025-12-11 22:00:00							
SQU-US	2025-12-11 22:15:00							
SQU-US	2025-12-11 22:30:00							
SQU-US	2025-12-11 22:45:00							
SQU-US	2025-12-11 23:00:00							
SQU-US	2025-12-11 23:15:00							
SQU-US	2025-12-11 23:30:00							
SQU-US	2025-12-11 23:45:00							
SQU-US	2025-12-12 00:00:00							
SQU-US	2025-12-12 00:15:00							
SQU-US	2025-12-12 00:30:00							
SQU-US	2025-12-12 00:45:00							
SQU-US	2025-12-12 01:00:00							
SQU-US	2025-12-12 01:15:00							
SQU-US	2025-12-12 01:30:00							
SQU-US	2025-12-12 01:45:00							
SQU-US	2025-12-12 02:00:00							
SQU-US	2025-12-12 02:15:00							
SQU-US	2025-12-12 02:30:00							
SQU-US	2025-12-12 02:45:00							
SQU-US	2025-12-12 03:00:00							
SQU-US	2025-12-12 03:15:00							
SQU-US	2025-12-12 03:30:00							

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	2025-12-12 03:45:00							
SQU-US	2025-12-12 04:00:00							
SQU-US	2025-12-12 04:15:00							
SQU-US	2025-12-12 04:30:00							
SQU-US	2025-12-12 04:45:00							
SQU-US	2025-12-12 05:00:00							
SQU-US	2025-12-12 05:15:00							
SQU-US	2025-12-12 05:30:00							
SQU-US	2025-12-12 05:45:00							
SQU-US	2025-12-12 06:00:00							
SQU-US	2025-12-12 06:15:00							
SQU-US	2025-12-12 06:30:00							
SQU-US	2025-12-12 06:45:00							
SQU-US	2025-12-12 07:00:00							
SQU-US	2025-12-12 07:15:00							
SQU-US	2025-12-12 07:30:00							
SQU-US	2025-12-12 07:45:00							
SQU-US	2025-12-12 08:00:00							
SQU-US	2025-12-12 08:15:00							
SQU-US	2025-12-12 08:30:00							
SQU-US	2025-12-12 08:45:00							
SQU-US	2025-12-12 09:00:00							
SQU-US	2025-12-12 09:15:00							
SQU-US	2025-12-12 09:30:00							
SQU-US	2025-12-12 09:45:00							
SQU-US	2025-12-12 10:00:00							
SQU-US	2025-12-12 10:15:00							
SQU-US	2025-12-12 10:30:00							
SQU-US	2025-12-12 10:45:00							
SQU-US	2025-12-12 11:00:00							
SQU-US	2025-12-12 11:15:00							
SQU-US	2025-12-12 11:30:00							
SQU-US	2025-12-12 11:45:00							
SQU-US	2025-12-12 12:00:00							
SQU-US	2025-12-12 12:15:00							
SQU-US	2025-12-12 12:30:00							
SQU-US	2025-12-12 12:45:00							
SQU-US	2025-12-12 13:00:00							
SQU-US	2025-12-12 13:15:00							
SQU-US	2025-12-12 13:30:00							
SQU-US	2025-12-12 13:45:00							
SQU-US	2025-12-12 14:00:00							
SQU-US	2025-12-12 14:15:00							
SQU-US	2025-12-12 14:30:00							
SQU-US	2025-12-12 14:45:00							
SQU-US	2025-12-12 15:00:00							
SQU-US	2025-12-12 15:15:00							
SQU-US	2025-12-12 15:30:00							
SQU-US	2025-12-12 15:45:00							
SQU-US	2025-12-12 16:00:00							
SQU-US	2025-12-12 16:15:00							

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	2025-12-12 16:30:00							
SQU-US	2025-12-12 16:45:00							
SQU-US	2025-12-12 17:00:00							
SQU-US	2025-12-12 17:15:00							
SQU-US	2025-12-12 17:30:00							
SQU-US	2025-12-12 17:45:00							
SQU-US	2025-12-12 18:00:00							
SQU-US	2025-12-12 18:15:00							
SQU-US	2025-12-12 18:30:00							
SQU-US	2025-12-12 18:45:00							
SQU-US	2025-12-12 19:00:00							
SQU-US	2025-12-12 19:15:00							
SQU-US	2025-12-12 19:30:00							
SQU-US	2025-12-12 19:45:00							
SQU-US	2025-12-12 20:00:00							
SQU-US	2025-12-12 20:15:00							
SQU-US	2025-12-12 20:30:00							
SQU-US	2025-12-12 20:45:00							
SQU-US	2025-12-12 21:00:00							
SQU-US	2025-12-12 21:15:00							
SQU-US	2025-12-12 21:30:00							
SQU-US	2025-12-12 21:45:00							
SQU-US	2025-12-12 22:00:00							
SQU-US	2025-12-12 22:15:00							
SQU-US	2025-12-12 22:30:00							
SQU-US	2025-12-12 22:45:00							
SQU-US	2025-12-12 23:00:00							
SQU-US	2025-12-12 23:15:00							
SQU-US	2025-12-12 23:30:00							
SQU-US	2025-12-12 23:45:00							
SQU-US	2025-12-13 00:00:00							
SQU-US	2025-12-13 00:15:00							
SQU-US	2025-12-13 00:30:00							
SQU-US	2025-12-13 00:45:00							
SQU-US	2025-12-13 01:00:00							
SQU-US	2025-12-13 01:15:00							
SQU-US	2025-12-13 01:30:00							
SQU-US	2025-12-13 01:45:00							
SQU-US	2025-12-13 02:00:00							
SQU-US	2025-12-13 02:15:00							
SQU-US	2025-12-13 02:30:00							
SQU-US	2025-12-13 02:45:00							
SQU-US	2025-12-13 03:00:00							
SQU-US	2025-12-13 03:15:00							
SQU-US	2025-12-13 03:30:00							
SQU-US	2025-12-13 03:45:00							
SQU-US	2025-12-13 04:00:00							
SQU-US	2025-12-13 04:15:00							
SQU-US	2025-12-13 04:30:00							
SQU-US	2025-12-13 04:45:00							
SQU-US	2025-12-13 05:00:00							

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	2025-12-13 05:15:00							
SQU-US	2025-12-13 05:30:00							
SQU-US	2025-12-13 05:45:00							
SQU-US	2025-12-13 06:00:00							
SQU-US	2025-12-13 06:15:00							
SQU-US	2025-12-13 06:30:00							
SQU-US	2025-12-13 06:45:00							
SQU-US	2025-12-13 07:00:00							
SQU-US	2025-12-13 07:15:00							
SQU-US	2025-12-13 07:30:00							
SQU-US	2025-12-13 07:45:00							
SQU-US	2025-12-13 08:00:00							
SQU-US	2025-12-13 08:15:00							
SQU-US	2025-12-13 08:30:00							
SQU-US	2025-12-13 08:45:00							
SQU-US	2025-12-13 09:00:00							
SQU-US	2025-12-13 09:15:00							
SQU-US	2025-12-13 09:30:00							
SQU-US	2025-12-13 09:45:00							
SQU-US	2025-12-13 10:00:00							
SQU-US	2025-12-13 10:15:00							
SQU-US	2025-12-13 10:30:00							
SQU-US	2025-12-13 10:45:00							
SQU-US	2025-12-13 11:00:00							
SQU-US	2025-12-13 11:15:00							
SQU-US	2025-12-13 11:30:00							
SQU-US	2025-12-13 11:45:00							
SQU-US	2025-12-13 12:00:00							
SQU-US	2025-12-13 12:15:00							
SQU-US	2025-12-13 12:30:00							
SQU-US	2025-12-13 12:45:00							
SQU-US	2025-12-13 13:00:00							
SQU-US	2025-12-13 13:15:00							
SQU-US	2025-12-13 13:30:00							
SQU-US	2025-12-13 13:45:00							
SQU-US	2025-12-13 14:00:00							
SQU-US	2025-12-13 14:15:00							
SQU-US	2025-12-13 14:30:00							
SQU-US	2025-12-13 14:45:00							
SQU-US	2025-12-13 15:00:00							
SQU-US	2025-12-13 15:15:00							
SQU-US	2025-12-13 15:30:00							
SQU-US	2025-12-13 15:45:00							
SQU-US	2025-12-13 16:00:00							
SQU-US	2025-12-13 16:15:00							
SQU-US	2025-12-13 16:30:00							
SQU-US	2025-12-13 16:45:00							
SQU-US	2025-12-13 17:00:00							
SQU-US	2025-12-13 17:15:00							
SQU-US	2025-12-13 17:30:00							
SQU-US	2025-12-13 17:45:00							

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	2025-12-13 18:00:00							
SQU-US	2025-12-13 18:15:00							
SQU-US	2025-12-13 18:30:00							
SQU-US	2025-12-13 18:45:00							
SQU-US	2025-12-13 19:00:00							
SQU-US	2025-12-13 19:15:00							
SQU-US	2025-12-13 19:30:00							
SQU-US	2025-12-13 19:45:00							
SQU-US	2025-12-13 20:00:00							
SQU-US	2025-12-13 20:15:00							
SQU-US	2025-12-13 20:30:00							
SQU-US	2025-12-13 20:45:00							
SQU-US	2025-12-13 21:00:00							
SQU-US	2025-12-13 21:15:00							
SQU-US	2025-12-13 21:30:00							
SQU-US	2025-12-13 21:45:00							
SQU-US	2025-12-13 22:00:00							
SQU-US	2025-12-13 22:15:00							
SQU-US	2025-12-13 22:30:00							
SQU-US	2025-12-13 22:45:00							
SQU-US	2025-12-13 23:00:00							
SQU-US	2025-12-13 23:15:00							
SQU-US	2025-12-13 23:30:00							
SQU-US	2025-12-13 23:45:00							
SQU-US	2025-12-14 00:00:00							
SQU-US	2025-12-14 00:15:00							
SQU-US	2025-12-14 00:30:00							
SQU-US	2025-12-14 00:45:00							
SQU-US	2025-12-14 01:00:00							
SQU-US	2025-12-14 01:15:00							
SQU-US	2025-12-14 01:30:00							
SQU-US	2025-12-14 01:45:00							
SQU-US	2025-12-14 02:00:00							
SQU-US	2025-12-14 02:15:00							
SQU-US	2025-12-14 02:30:00							
SQU-US	2025-12-14 02:45:00							
SQU-US	2025-12-14 03:00:00							
SQU-US	2025-12-14 03:15:00							
SQU-US	2025-12-14 03:30:00							
SQU-US	2025-12-14 03:45:00							
SQU-US	2025-12-14 04:00:00							
SQU-US	2025-12-14 04:15:00							
SQU-US	2025-12-14 04:30:00							
SQU-US	2025-12-14 04:45:00							
SQU-US	2025-12-14 05:00:00							
SQU-US	2025-12-14 05:15:00							
SQU-US	2025-12-14 05:30:00							
SQU-US	2025-12-14 05:45:00							
SQU-US	2025-12-14 06:00:00							
SQU-US	2025-12-14 06:15:00							
SQU-US	2025-12-14 06:30:00							

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	2025-12-14 06:45:00							
SQU-US	2025-12-14 07:00:00							
SQU-US	2025-12-14 07:15:00							
SQU-US	2025-12-14 07:30:00							
SQU-US	2025-12-14 07:45:00							
SQU-US	2025-12-14 08:00:00							
SQU-US	2025-12-14 08:15:00							
SQU-US	2025-12-14 08:30:00							
SQU-US	2025-12-14 08:45:00							
SQU-US	2025-12-14 09:00:00							
SQU-US	2025-12-14 09:15:00							
SQU-US	2025-12-14 09:30:00							
SQU-US	2025-12-14 09:45:00							
SQU-US	2025-12-14 10:00:00							
SQU-US	2025-12-14 10:15:00							
SQU-US	2025-12-14 10:30:00							
SQU-US	2025-12-14 10:45:00							
SQU-US	2025-12-14 11:00:00							
SQU-US	2025-12-14 11:15:00							
SQU-US	2025-12-14 11:30:00							
SQU-US	2025-12-14 11:45:00							
SQU-US	2025-12-14 12:00:00							
SQU-US	2025-12-14 12:15:00							
SQU-US	2025-12-14 12:30:00							
SQU-US	2025-12-14 12:45:00							
SQU-US	2025-12-14 13:00:00							
SQU-US	2025-12-14 13:15:00							
SQU-US	2025-12-14 13:30:00							
SQU-US	2025-12-14 13:45:00							
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SQU-US	2025-12-14 14:15:00							
SQU-US	2025-12-14 14:30:00							
SQU-US	2025-12-14 14:45:00							
SQU-US	2025-12-14 15:00:00							
SQU-US	2025-12-14 15:15:00							
SQU-US	2025-12-14 15:30:00							
SQU-US	2025-12-14 15:45:00							
SQU-US	2025-12-14 16:00:00							
SQU-US	2025-12-14 16:15:00							
SQU-US	2025-12-14 16:30:00							
SQU-US	2025-12-14 16:45:00							
SQU-US	2025-12-14 17:00:00							
SQU-US	2025-12-14 17:15:00							
SQU-US	2025-12-14 17:30:00							
SQU-US	2025-12-14 17:45:00							
SQU-US	2025-12-14 18:00:00							
SQU-US	2025-12-14 18:15:00							
SQU-US	2025-12-14 18:30:00							
SQU-US	2025-12-14 18:45:00							
SQU-US	2025-12-14 19:00:00							
SQU-US	2025-12-14 19:15:00							

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	2025-12-14 19:30:00							
SQU-US	2025-12-14 19:45:00							
SQU-US	2025-12-14 20:00:00							
SQU-US	2025-12-14 20:15:00							
SQU-US	2025-12-14 20:30:00							
SQU-US	2025-12-14 20:45:00							
SQU-US	2025-12-14 21:00:00							
SQU-US	2025-12-14 21:15:00							
SQU-US	2025-12-14 21:30:00							
SQU-US	2025-12-14 21:45:00							
SQU-US	2025-12-14 22:00:00							
SQU-US	2025-12-14 22:15:00							
SQU-US	2025-12-14 22:30:00							
SQU-US	2025-12-14 22:45:00							
SQU-US	2025-12-14 23:00:00							
SQU-US	2025-12-14 23:15:00							
SQU-US	2025-12-14 23:30:00							
SQU-US	2025-12-14 23:45:00							

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Dec 8 th to Dec 14 th , 2025
	Report #	90
	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 8 th to Dec 14 th , 2025
Report #	90
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	WLNG EOP 2025-12-09 09:26:00
In situ Parameters								
Field pH	pH Units		6.5 - 9			7 - 8.7		6.47
Field Temperature	°C	18	19					10.5
General Parameters								
pH	pH Units							7.14
Alkalinity (Total as CaCO ₃)	mg/L							55
Alkalinity (PP as CaCO ₃)	mg/L							<1
Hardness (CaCO ₃)-Total	mg/L							61.6
Hardness (CaCO ₃)-Dissolved	mg/L							64.1
Sulphide-Total	mg/L							<0.0018
Sulphide (as H ₂ S)	mg/L			0.002				<0.002
Anions and Nutrients								
Ammonia (N)-Total	mg/L	1.82	25.2		20	131		<0.015
Bicarbonate (HCO ₃)	mg/L							67
Carbonate (CO ₃)	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					0.0055
Nitrate plus Nitrite (N)	mg/L							<0.02
Nitrogen (N)-Total	mg/L							0.175
Phosphorus (P)-Total (4500-P)	mg/L							0.0039
Bromide (Br)	mg/L							<0.01
Chloride (Cl)	mg/L	150	600					7.9
Fluoride (F)	mg/L		1.139			1.5		0.32
Sulphate (SO ₄)-Dissolved	mg/L	218						11

¹ Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

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

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

⁴ **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 2025-12-09 09:26:00
Total Metals								
Aluminum (Al)-Total	mg/L	0.037769						0.544
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000565
Arsenic (As)-Total	mg/L	0.005			0.0125			0.00149
Barium (Ba)-Total	mg/L			1				0.00815
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00001
Bismuth (Bi)-Total	mg/L							<0.00001
Boron (B)-Total	mg/L	1.2			1.2			0.011
Cadmium (Cd)-Total	mg/L						0.00012	0.0000117
Calcium (Ca)-Total	mg/L							22.9
Cesium (Cs)-Total	mg/L							0.000079
Chromium (Cr)-Total	mg/L							0.00034
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	0.000417						0.000105
Copper (Cu)-Total	mg/L				0.002	0.003		0.00126
Iron (Fe)-Total	mg/L		1					0.36
Lead (Pb)-Total	mg/L				0.002	0.14		0.000137
Lithium (Li)-Total	mg/L							0.00317
Magnesium (Mg)-Total	mg/L							1.04
Manganese (Mn)-Total	mg/L	0.876	1.219				0.1	0.0322
Mercury (Hg)-Total	mg/L	0.00002			0.00002			<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.0337
Nickel (Ni)-Total	mg/L						0.0083	0.00091
Phosphorus (P)-Total (ICPMS)	mg/L							0.0071
Potassium (K)-Total	mg/L							1.15
Rubidium (Rb)-Total	mg/L							0.00259
Selenium (Se)-Total	mg/L	0.002			0.002			0.000061
Silicon (Si)-Total	mg/L							7.12
Silver (Ag)-Total	mg/L	0.00012			0.0005	0.0037	0.0005	<0.00001
Sodium (Na)-Total	mg/L							5.25
Strontium (Sr)-Total	mg/L							0.0434
Sulphur (S)-Total	mg/L							3.3
Tellurium (Te)-Total	mg/L							<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.0000144
Thorium (Th)-Total	mg/L							0.000111
Tin (Sn)-Total	mg/L							<0.0002
Titanium (Ti)-Total	mg/L							0.0099
Uranium (U)-Total	mg/L		0.0165	0.0075				0.00112
Vanadium (V)-Total	mg/L			0.06			0.005	<0.0002
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0045
Zirconium (Zr)-Total	mg/L							<0.0001

¹ Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

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Dissolved Metals								
Aluminum (Al)-Dissolved	mg/L							0.0383
Antimony (Sb)-Dissolved	mg/L							0.000498
Arsenic (As)-Dissolved	mg/L							0.00129
Barium (Ba)-Dissolved	mg/L							0.00524
Beryllium (Be)-Dissolved	mg/L							<0.00001
Bismuth (Bi)-Dissolved	mg/L							<0.000005
Boron (B)-Dissolved	mg/L							0.012
Cadmium (Cd)-Dissolved	mg/L	0.000148	0.000357					0.0000097
Calcium (Ca)-Dissolved	mg/L							24
Cesium (Cs)-Dissolved	mg/L							<0.00005
Chromium (Cr)-Dissolved	mg/L							<0.0001
Cobalt (Co)-Dissolved	mg/L	0.000417						0.000058
Copper (Cu)-Dissolved	mg/L	0.0002	0.0002					0.000281
Iron (Fe)-Dissolved	mg/L		0.35					<0.001
Lead (Pb)-Dissolved	mg/L	0.001867						<0.000005
Lithium (Li)-Dissolved	mg/L							0.00339
Manganese (Mn)-Dissolved	mg/L							0.0279
Magnesium (Mg)-Dissolved	mg/L							0.997
Mercury (Hg)-Dissolved	mg/L							<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.0356
Nickel (Ni)-Dissolved	mg/L	0.0012	0.0224					0.000128
Phosphorus (P)-Dissolved	mg/L							0.0022
Potassium (K)-Dissolved	mg/L							1.16
Rubidium (Rb)-Dissolved	mg/L							0.00245
Selenium (Se)-Dissolved	mg/L							0.000044
Silicon (Si)-Dissolved	mg/L							6.77
Silver (Ag)-Dissolved	mg/L							<0.000005
Sodium (Na)-Dissolved	mg/L							5.5
Strontium (Sr)-Dissolved	mg/L			1.25				0.0436
Sulphur (S)-Dissolved	mg/L							3.8
Tellurium (Te)-Dissolved	mg/L							<0.00002
Thallium (Tl)-Dissolved	mg/L							0.0000092
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							0.00091
Vanadium (V)-Dissolved	mg/L							<0.0002
Zinc (Zn)-Dissolved	mg/L	0.012637	0.02619					0.00261
Zirconium (Zr)-Dissolved	mg/L							<0.0001

¹ Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

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Inorganics								
Organic Carbon (C)-Total	mg/L							1.3
Organic Carbon (C)-Dissolved	mg/L							1
Solids-Total Dissolved	mg/L							100
Solids-Total Suspended	mg/L	6	26					6.8
Organics								
HEPH (C19-C32 less PAH)	mg/L							<0.2
LEPH (C10-C19 less PAH)	mg/L							<0.2
EPH (C10-C19)	mg/L							<0.2
EPH (C19-C32)	mg/L							<0.2
Ethylene Glycol	mg/L							<3
Diethylene Glycol	mg/L							<5
Triethylene Glycol	mg/L							<5
Propylene Glycol	mg/L							<5
Acenaphthene	mg/L	0.006			0.006			<0.00005
Acenaphthylene	mg/L							<0.00005
Acridine	mg/L	0.003						<0.00005
Anthracene	mg/L	0.004						<0.00001
Benzo(a)anthracene	mg/L	0.0001						<0.00001
Benzo(a)pyrene	mg/L	0.00001			0.00001			<0.000005
Benzo(b&j)fluoranthene	mg/L							<0.00003
Benzo(g,h,i)perylene	mg/L							<0.00005
Benzo(k)fluoranthene	mg/L							<0.00005
Chrysene	mg/L				0.0001			<0.00002
Dibenz(a,h)anthracene	mg/L							<0.000003
Fluoranthene	mg/L	0.004						<0.00002
Fluorene	mg/L	0.012			0.012			<0.00005
Indeno(1,2,3-cd)pyrene	mg/L							<0.00005
1-Methylnaphthalene	mg/L				0.001			<0.00005
2-Methylnaphthalene	mg/L				0.001			<0.0001
Naphthalene	mg/L	0.001	0.001		0.001			<0.0001
Phenanthrene	mg/L	0.0003						<0.00005
Pyrene	mg/L							<0.00002
Quinoline	mg/L							<0.00002
Low Molecular Weight PAH's	mg/L							<0.0001
High Molecular Weight PAH's	mg/L							<0.00005
Total PAH	mg/L							<0.0001
VH C6-C10	mg/L							<0.3
1,1,1,2-Tetrachloroethane	mg/L							<0.0005
1,1,1-Trichloroethane	mg/L							<0.0005
1,1,2,2-Tetrachloroethane	mg/L							<0.0005

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

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

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 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Dec 8 th to Dec 14 th , 2025
	Report #	90
	Appendix C	C-3

Woodfibre Site WTP Discharge Field Notes and Logs



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

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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. There were some NTU spikes; however, they were intermittent and did not impact downstream conditions. 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 08 was 871,541m³.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
December 08	Woodfibre (WF)	2,928	Exceeded discharge volume limit
December 09	WF	2,758	Exceeded discharge volume limit
December 10	WF	2,769	Exceeded discharge volume limit
December 11	WF	2,769	Exceeded discharge volume limit
December 12	WF	2,843	Exceeded discharge volume limit
December 13	WF	2,891	Exceeded discharge volume limit
December 14	WF	3,116	Exceeded discharge volume limit
Total		20,074	None



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)
12/8/2025	0:00:00	7.3	3.195	4.5	871,541	13	263
12/8/2025	0:15:00	7.3	3.187	4.1	871,585	12.8	262
12/8/2025	0:30:00	7.3	3.157	8.5	871,629	12.9	261
12/8/2025	0:45:00	7.3	3.187	4.7	871,654	13	260
12/8/2025	1:00:00	7.3	3.145	5.2	871,698	13	260
12/8/2025	1:15:00	7.3	3.198	5.8	871,718	13.3	260
12/8/2025	1:30:00	7.3	3.149	3.5	871,762	13	261
12/8/2025	1:45:00	7.3	3.142	5.1	871,806	12.9	261
12/8/2025	2:15:00	7.3	3.168	4.8	871,871	12.9	259
12/8/2025	2:30:00	7.3	3.187	3.8	871,891	13	259
12/8/2025	2:45:00	7.3	3.149	5.2	871,935	12.9	259
12/8/2025	3:00:00	7.3	3.145	6.8	871,979	12.9	259
12/8/2025	3:30:00	7.3	3.176	11.1	872,041	12.9	261
12/8/2025	3:45:00	7.3	3.138	7.8	872,085	12.9	262
12/8/2025	4:15:00	7.3	3.176	3.5	872,149	12.9	264
12/8/2025	4:30:00	7.3	3.138	2.8	872,193	12.9	262
12/8/2025	4:45:00	7.3	3.138	2.8	872,237	13	262
12/8/2025	5:00:00	7.3	3.176	2.5	872,258	13.1	261
12/8/2025	5:30:00	7.3	3.149	1.6	872,326	13	258
12/8/2025	6:00:00	7.3	3.168	1.9	872,395	12.7	258
12/8/2025	6:15:00	7.3	3.149	3.2	872,439	12.8	256
12/8/2025	6:30:00	7.3	3.145	2.4	872,482	13	256



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/8/2025	6:45:00	7.4	3.123	2	872,526	13.2	256
12/8/2025	7:00:00	7.4	3.107	1.9	872,569	13.1	254
12/8/2025	7:15:00	7.4	3.157	1.7	872,592	13.2	255
12/8/2025	7:30:00	7.3	3.145	2.1	872,636	13.2	255
12/8/2025	7:45:00	7.3	3.168	1.8	872,680	13.3	255
12/8/2025	8:00:00	7.3	3.160	2.4	872,724	13.1	253
12/8/2025	8:15:00	7.3	3.142	2.7	872,768	12.8	253
12/8/2025	8:45:00	7.4	3.459	4.4	872,827	12.3	255
12/8/2025	9:00:00	7.4	3.448	5	872,875	12.2	253
12/8/2025	9:15:00	7.3	3.350	5.9	872,922	12.2	254
12/8/2025	9:30:00	7.3	3.350	4	872,969	12.2	258
12/8/2025	10:00:00	7.3	3.350	4.2	873,043	12.1	257
12/8/2025	10:15:00	7.3	3.346	3.3	873,074	12	257
12/8/2025	10:30:00	7.3	3.350	4.1	873,117	11.9	257
12/8/2025	10:45:00	7.3	3.777	6	873,139	12.2	257
12/8/2025	11:00:00	7.3	2.971	2.6	873,159	11.9	258
12/8/2025	11:15:00	7.2	2.805	3.2	873,203	11.9	260
12/8/2025	11:30:00	7.2	2.930	3	873,241	12	262
12/8/2025	11:45:00	7.2	2.381	2.2	873,284	12.1	260
12/8/2025	12:00:00	7.2	2.899	1.4	873,321	12.3	258
12/8/2025	12:15:00	7.2	2.199	1.3	873,364	12.4	259
12/8/2025	12:30:00	7.2	2.861	2.5	873,401	12.6	259
12/8/2025	12:45:00	7.2	2.112	3	873,444	12.7	261
12/8/2025	13:00:00	7.2	2.869	1.6	873,480	12.7	261
12/8/2025	13:15:00	7.2	2.112	1.2	873,523	12.5	263



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/8/2025	13:45:00	7.2	2.097	1.8	873,585	12.5	263
12/8/2025	14:00:00	7.2	2.877	2.4	873,604	12.7	264
12/8/2025	14:15:00	7.2	2.101	2.7	873,647	12.5	261
12/8/2025	14:30:00	7.2	2.903	1.1	873,684	12.6	263
12/8/2025	14:45:00	7.2	2.063	1.3	873,727	12.7	261
12/8/2025	15:00:00	7.2	3.123	7.7	873,763	12.9	259
12/8/2025	15:15:00	7.2	1.631	16.6	873,808	13.1	259
12/8/2025	15:45:00	7.3	2.646	5.6	873,879	13.1	259
12/8/2025	16:00:00	7.2	3.183	5.5	873,908	13.3	259
12/8/2025	16:15:00	7.2	2.305	4	873,955	13.2	257
12/8/2025	16:30:00	7.2	3.111	2.9	873,995	13.1	257
12/8/2025	16:45:00	7.2	2.286	3.5	874,041	13.3	259
12/8/2025	17:00:00	7.2	3.092	4.5	874,081	13.6	259
12/8/2025	17:15:00	7.2	2.279	6.8	874,127	13.6	259
12/8/2025	17:30:00	7.2	3.096	7.7	874,167	13.8	264
12/8/2025	18:00:00	7.2	3.119	8.8	874,226	13.9	261
12/8/2025	18:15:00	7.2	2.294	9	874,272	13.7	259
12/8/2025	18:30:00	7.1	3.096	7.7	874,313	13.5	261
12/8/2025	18:45:00	7.1	2.279	5.4	874,358	13	259
12/8/2025	19:00:00	7.2	3.070	6.4	874,398	12.9	259
12/8/2025	19:15:00	7.2	2.271	7.6	874,444	12.7	259
12/8/2025	19:45:00	7.2	2.313	4.7	874,508	13	256
12/8/2025	20:00:00	7.2	3.104	4.8	874,548	13.2	256
12/8/2025	20:15:00	7.2	2.279	5.1	874,594	13	254
12/8/2025	20:30:00	7.2	3.089	6.4	874,634	13.1	254



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/8/2025	20:45:00	7.3	2.188	2.3	874,679	13.1	254
12/8/2025	21:00:00	7.2	2.990	2.5	874,718	12.9	255
12/8/2025	21:15:00	7.2	1.616	15.5	874,763	12.7	255
12/8/2025	21:30:00	7.2	3.130	1.8	874,788	12.7	254
12/8/2025	21:45:00	7.2	2.316	4	874,834	12.5	255
12/8/2025	22:15:00	7.2	2.301	5.6	874,903	12.4	256
12/8/2025	22:45:00	7.2	2.282	5.3	874,973	12.4	257
12/8/2025	23:00:00	7.2	3.115	2.5	875,000	12.7	256
12/8/2025	23:15:00	7.2	2.324	4.7	875,046	12.6	255
12/8/2025	23:30:00	7.2	3.107	2.6	875,069	12.8	256
12/8/2025	23:45:00	7.2	2.294	5	875,115	12.7	256
12/9/2025	0:00:00	7.2	3.104	3.4	875,138	12.9	256
12/9/2025	0:15:00	7.2	2.294	5.7	875,184	12.8	257
12/9/2025	0:30:00	7.2	3.437	11.5	875,210	13.2	257
12/9/2025	0:45:00	7.2	2.233	5.4	875,254	13	257
12/9/2025	1:00:00	7.2	2.998	5.4	875,293	12.8	257
12/9/2025	1:30:00	7.2	2.998	4.7	875,361	12.6	255
12/9/2025	1:45:00	7.2	2.589	9	875,384	12.5	256
12/9/2025	2:00:00	7.2	3.051	4.4	875,424	12.4	258
12/9/2025	2:30:00	7.2	3.073	5.2	875,492	12.4	259
12/9/2025	2:45:00	7.2	2.366	13.4	875,537	12.3	258
12/9/2025	3:15:00	7.2	2.267	8.3	875,606	12.3	257
12/9/2025	3:30:00	7.2	3.036	9.7	875,631	12.3	257
12/9/2025	4:00:00	7.2	3.073	0.7	875,702	12.3	257
12/9/2025	4:30:00	7.2	3.070	1.7	875,774	12.2	256



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/9/2025	4:45:00	7.2	2.294	3.7	875,818	12.2	256
12/9/2025	5:00:00	7.2	3.036	1.9	875,845	12.2	257
12/9/2025	5:15:00	7.2	1.862	6	875,889	12.4	256
12/9/2025	5:30:00	7.2	3.062	3.4	875,910	13.2	254
12/9/2025	6:00:00	7.2	3.036	1.9	875,981	13.3	256
12/9/2025	6:30:00	7.2	3.062	1.8	876,050	13.5	256
12/9/2025	6:45:00	7.2	2.339	5.3	876,078	13.7	252
12/9/2025	7:00:00	7.2	3.032	4.4	876,119	13	254
12/9/2025	7:30:00	7.2	2.899	5.3	876,184	12.8	256
12/9/2025	7:45:00	7.2	2.135	11.7	876,227	12.8	256
12/9/2025	8:00:00	7.2	2.888	5.4	876,255	12.8	252
12/9/2025	8:15:00	7.2	2.033	9.4	876,297	12.5	255
12/9/2025	8:45:00	7.2	2.892	8	876,351	12.6	255
12/9/2025	9:00:00	7.2	2.884	14.8	876,384	13	257
12/9/2025	9:30:00	7.2	3.179	12.2	876,466	12.7	255
12/9/2025	9:45:00	7.2	3.240	0.2	876,487	14.2	112
12/9/2025	10:15:00	6.8	3.244	6.4	876,561	13.7	253
12/9/2025	10:30:00	6.9	3.213	4.4	876,606	13.1	255
12/9/2025	10:45:00	7	0.382	5	876,645	13.4	256
12/9/2025	11:00:00	7	3.229	10.4	876,671	13.3	254
12/9/2025	11:15:00	7	3.335	35.5	876,702	14	256
12/9/2025	11:30:00	7	3.092	1.3	876,745	13	259
12/9/2025	11:45:00	7.1	3.024	2.4	876,788	12.9	259
12/9/2025	12:00:00	7.1	3.270	2.5	876,811	12.9	261
12/9/2025	12:15:00	7	2.718	3.9	876,857	13	261



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/9/2025	12:30:00	7.1	2.718	19.3	876,905	13	261
12/9/2025	12:45:00	7.1	3.399	16.1	876,955	13.1	261
12/9/2025	13:00:00	7.1	2.684	14	876,985	13.5	259
12/9/2025	13:15:00	7.2	0.908	6.2	877,034	13.6	259
12/9/2025	13:30:00	7.2	2.691	10	877,063	13.7	257
12/9/2025	13:45:00	7.2	3.403	24.4	877,093	13.9	259
12/9/2025	14:00:00	7.1	1.101	28.4	877,118	14	256
12/9/2025	14:15:00	7.1	3.407	9	877,165	12.8	258
12/9/2025	14:30:00	7.2	1.007	18.5	877,210	12.8	258
12/9/2025	14:45:00	7.2	3.418	13.8	877,243	12.8	256
12/9/2025	15:00:00	7.2	1.639	5.3	877,282	12.7	258
12/9/2025	15:15:00	7.2	3.361	7.5	877,307	12.7	258
12/9/2025	15:30:00	7.2	3.497	10.3	877,323	13.2	258
12/9/2025	15:45:00	7.2	3.478	7.8	877,375	12.6	255
12/9/2025	16:00:00	7.2	3.126	9.2	877,408	12.5	255
12/9/2025	16:15:00	7.2	3.232	11.2	877,455	12.3	251
12/9/2025	16:30:00	7.2	3.164	8.1	877,487	12.5	253
12/9/2025	16:45:00	7.1	3.149	6.5	877,535	12.5	253
12/9/2025	17:00:00	7.1	3.149	5	877,578	12.6	251
12/9/2025	17:15:00	7.1	3.176	10.4	877,606	13.1	255
12/9/2025	17:30:00	7.1	3.160	4	877,644	12.6	255
12/9/2025	17:45:00	7.1	3.073	5.1	877,691	12.5	255
12/9/2025	18:00:00	7.1	3.145	4.6	877,716	12.5	257
12/9/2025	18:30:00	7.1	3.153	3.2	877,784	12.5	256
12/9/2025	18:45:00	7.1	3.107	15	877,831	12.5	257



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/9/2025	19:00:00	7.1	3.138	10.7	877,853	12.4	257
12/9/2025	19:15:00	7.1	3.100	18.2	877,891	12.3	258
12/9/2025	19:30:00	7.1	3.126	13.2	877,917	12.3	256
12/9/2025	19:45:00	7.2	3.100	13.9	877,964	12.1	255
12/9/2025	20:00:00	7.2	0.768	8.2	878,005	12	253
12/9/2025	20:15:00	7.2	3.115	10.9	878,036	11.9	253
12/9/2025	20:30:00	7.2	2.971	8.2	878,077	11.7	252
12/9/2025	20:45:00	7.2	2.937	8.8	878,121	11.7	252
12/9/2025	21:15:00	7.2	3.036	5.3	878,186	11.7	251
12/9/2025	21:30:00	7.1	3.028	6.8	878,227	11.9	251
12/9/2025	22:00:00	7.1	3.036	8.6	878,294	12	250
12/9/2025	22:15:00	7.1	3.017	8.6	878,339	12.2	251
12/9/2025	22:30:00	7.1	3.017	7.2	878,380	12.4	250
12/9/2025	22:45:00	7.1	3.032	7.8	878,409	12.5	250
12/9/2025	23:00:00	7.1	3.032	6.3	878,450	12.7	251
12/9/2025	23:15:00	7.1	2.998	7.1	878,495	12.7	250
12/9/2025	23:30:00	7.1	3.032	8.9	878,522	12.9	251
12/9/2025	23:45:00	7.1	3.013	7.9	878,567	12.8	248
12/10/2025	0:00:00	7.1	3.005	8.4	878,607	12.8	248
12/10/2025	0:15:00	7.1	2.983	8.9	878,652	12.8	251
12/10/2025	0:30:00	7.1	3.039	11	878,673	13.3	248
12/10/2025	0:45:00	7.1	3.009	7.9	878,719	12.7	247
12/10/2025	1:00:00	7.2	3.005	12.2	878,755	12.5	250
12/10/2025	1:30:00	7.2	3.039	6.8	878,816	12.4	251
12/10/2025	1:45:00	7.2	3.020	9.7	878,861	12.5	251



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/10/2025	2:00:00	7.1	3.020	9.5	878,902	12.5	248
12/10/2025	2:15:00	7.2	3.009	10.9	878,948	12.6	250
12/10/2025	2:30:00	7.2	3.024	8.2	878,988	12.6	250
12/10/2025	2:45:00	7.2	3.005	7.1	879,033	12.6	250
12/10/2025	3:00:00	7.3	3.020	10.6	879,074	12.7	252
12/10/2025	3:15:00	7.3	3.005	10.3	879,119	12.8	251
12/10/2025	3:30:00	7.3	3.054	4.6	879,159	12.9	250
12/10/2025	3:45:00	7.2	3.066	7.5	879,187	13	250
12/10/2025	4:00:00	7.3	3.066	11	879,228	13.1	250
12/10/2025	4:15:00	7.3	3.073	4.8	879,256	13.1	250
12/10/2025	4:30:00	7.4	3.066	3.9	879,298	13.1	250
12/10/2025	5:00:00	7.3	3.081	7.7	879,368	13.1	252
12/10/2025	5:15:00	7.3	3.058	13.5	879,414	13	252
12/10/2025	5:30:00	7.2	3.054	17.9	879,446	12.8	246
12/10/2025	5:45:00	7.2	3.164	8.3	879,473	12.6	250
12/10/2025	6:00:00	7.2	3.149	8.2	879,516	12.5	250
12/10/2025	6:15:00	7.2	0.594	7.6	879,559	12.4	110
12/10/2025	6:30:00	7.2	3.005	5.4	879,587	12.2	248
12/10/2025	6:45:00	7.2	2.979	8.4	879,632	12.2	250
12/10/2025	7:15:00	7.2	3.013	5.9	879,694	12.2	250
12/10/2025	7:30:00	7.2	3.017	15.1	879,731	12.2	251
12/10/2025	7:45:00	7.2	3.327	16.3	879,778	12.1	251
12/10/2025	8:00:00	-0.4	0.609	11.6	879,792	13	110
12/10/2025	8:15:00	7.2	2.979	9.3	879,836	13.3	248
12/10/2025	8:30:00	7.2	2.914	9.1	879,857	12.2	254



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/10/2025	8:45:00	7.2	2.907	6.8	879,901	12.9	255
12/10/2025	9:00:00	7.2	2.911	6	879,940	13.5	257
12/10/2025	9:15:00	7.2	2.903	6.4	879,983	14.1	255
12/10/2025	9:30:00	7.2	3.119	10.6	880,023	12.4	250
12/10/2025	9:45:00	7.2	3.100	13.3	880,070	12.1	255
12/10/2025	10:00:00	7.3	3.123	14.8	880,102	12	256
12/10/2025	10:15:00	7.4	3.126	7.5	880,148	12	258
12/10/2025	10:30:00	7.4	3.142	6.6	880,172	12	256
12/10/2025	10:45:00	7.4	3.111	13.5	880,219	12	260
12/10/2025	11:00:00	7.4	3.157	11.2	880,245	11.9	261
12/10/2025	11:15:00	7.3	3.134	12.3	880,292	11.9	262
12/10/2025	11:30:00	7.2	3.229	20.7	880,328	12	260
12/10/2025	12:00:00	7.2	3.047	9.2	880,390	12.1	257
12/10/2025	12:15:00	7.2	2.998	8.8	880,436	12	256
12/10/2025	12:30:00	7.2	3.020	4	880,463	12	255
12/10/2025	12:45:00	7.2	3.009	4.3	880,508	12	257
12/10/2025	13:00:00	7.2	3.039	3.8	880,547	12	256
12/10/2025	13:15:00	7.2	3.013	4.8	880,592	12.1	258
12/10/2025	13:30:00	7.2	3.198	5.3	880,636	12.3	256
12/10/2025	13:45:00	7.2	3.157	9.4	880,683	12.5	254
12/10/2025	14:00:00	7.2	3.206	4.9	880,707	12.6	255
12/10/2025	14:15:00	7.2	3.187	6.5	880,755	12.7	252
12/10/2025	14:30:00	7.2	3.285	4.7	880,789	12.4	252
12/10/2025	14:45:00	7.2	3.289	9.8	880,839	12.3	254
12/10/2025	15:00:00	7.2	3.248	5.8	880,858	12.4	254



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/10/2025	15:15:00	7.2	3.210	12.3	880,906	12.3	253
12/10/2025	15:30:00	7.2	3.244	14.8	880,929	12.3	252
12/10/2025	16:15:00	7.2	3.160	20.9	881,026	11.8	252
12/10/2025	16:30:00	7.2	2.899	9.4	881,060	11.7	109
12/10/2025	16:45:00	7.2	2.896	6.3	881,103	11.7	110
12/10/2025	17:00:00	7.2	2.880	18.3	881,144	11.8	110
12/10/2025	17:15:00	7.2	3.142	8.3	881,174	11.9	255
12/10/2025	17:30:00	7.2	3.145	4.6	881,217	11.9	257
12/10/2025	17:45:00	7.2	3.126	7.3	881,262	11.9	256
12/10/2025	18:00:00	7.2	3.149	6.8	881,285	12	257
12/10/2025	18:15:00	7.2	3.123	7.5	881,329	11.9	255
12/10/2025	18:45:00	7.2	3.085	5.6	881,399	11.7	255
12/10/2025	19:00:00	7.2	3.073	8.1	881,442	11.6	253
12/10/2025	19:30:00	7.1	3.062	9.6	881,510	11.7	253
12/10/2025	19:45:00	7.1	3.036	11.4	881,553	11.7	253
12/10/2025	20:00:00	7.2	2.994	0.5	881,576	12	255
12/10/2025	20:15:00	7.1	3.005	3.1	881,618	11.9	255
12/10/2025	20:30:00	7.1	2.986	8.3	881,660	12	255
12/10/2025	20:45:00	7.1	2.937	5.5	881,702	12	255
12/10/2025	21:00:00	7.1	2.964	7	881,741	12.1	255
12/10/2025	21:30:00	7.1	3.085	5.5	881,805	12.1	253
12/10/2025	21:45:00	7.1	3.024	7.8	881,846	12	255
12/10/2025	22:00:00	7.1	3.092	8	881,887	12	255
12/10/2025	22:15:00	7.1	3.089	8.9	881,929	12	255
12/10/2025	22:45:00	7.1	3.096	6.4	881,999	11.9	256



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/10/2025	23:00:00	7.1	3.100	7.5	882,042	12	257
12/10/2025	23:15:00	7.1	3.077	9.1	882,086	12	257
12/10/2025	23:30:00	7.1	3.130	10.6	882,112	12	257
12/10/2025	23:45:00	7.1	3.111	11	882,156	12	257
12/11/2025	0:00:00	7.1	3.089	9.9	882,199	12.1	257
12/11/2025	0:15:00	7.1	3.115	10	882,225	12.2	256
12/11/2025	0:30:00	7.1	3.107	9.6	882,270	12.2	256
12/11/2025	0:45:00	7.1	3.107	12.5	882,314	12.3	255
12/11/2025	1:00:00	7.1	3.092	15.7	882,358	12.4	255
12/11/2025	1:15:00	7.1	3.066	11.1	882,398	12.6	255
12/11/2025	1:30:00	7.1	3.100	9.3	882,427	12.5	255
12/11/2025	1:45:00	7.1	3.062	7.9	882,471	12.5	255
12/11/2025	2:15:00	7.1	3.096	9.1	882,540	12.5	255
12/11/2025	2:30:00	7.1	3.066	7.3	882,583	12.4	255
12/11/2025	2:45:00	7.1	2.949	1.5	882,623	12.3	253
12/11/2025	3:00:00	7.1	2.971	2.1	882,650	12.3	253
12/11/2025	3:15:00	7.1	2.956	3	882,692	12.3	255
12/11/2025	3:45:00	7.1	2.986	4.3	882,755	12.3	255
12/11/2025	4:00:00	7.2	3.013	4.6	882,796	12.3	257
12/11/2025	4:30:00	7.1	3.028	3.9	882,866	12.4	256
12/11/2025	4:45:00	7.1	2.960	7.9	882,909	12.4	255
12/11/2025	5:00:00	7.1	3.024	10.8	882,951	12.4	255
12/11/2025	5:15:00	7.2	2.986	17.4	882,991	12.4	255
12/11/2025	5:30:00	7.1	2.983	7.8	883,032	12.3	256
12/11/2025	6:00:00	7.1	2.986	5.3	883,097	12.3	255



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/11/2025	6:15:00	7.1	2.956	7.7	883,139	12.2	257
12/11/2025	6:30:00	7.1	2.899	6.3	883,178	12.2	257
12/11/2025	7:00:00	7.1	3.054	7.9	883,244	12.2	255
12/11/2025	7:15:00	7.1	3.024	10.3	883,287	12.1	255
12/11/2025	7:30:00	7.1	3.077	6.8	883,310	12.1	255
12/11/2025	7:45:00	7.1	3.039	10.1	883,353	12	255
12/11/2025	8:15:00	7.1	3.062	7	883,423	12.1	257
12/11/2025	8:30:00	7.1	3.020	9.7	883,468	12.2	257
12/11/2025	8:45:00	7.1	2.994	12.5	883,513	12.2	255
12/11/2025	9:30:00	7.1	2.774	3.2	883,575	12.2	257
12/11/2025	9:45:00	7	2.778	5.2	883,614	12.3	257
12/11/2025	10:00:00	7	2.774	5.1	883,652	12.4	258
12/11/2025	10:15:00	7	3.206	6.5	883,693	12.5	260
12/11/2025	10:45:00	7	3.274	7.3	883,745	12.6	257
12/11/2025	11:00:00	7	3.244	16.8	883,793	12.6	261
12/11/2025	11:15:00	7.1	0.522	2.5	883,809	12.8	261
12/11/2025	11:30:00	7.1	3.164	6.7	883,849	13.9	262
12/11/2025	12:00:00	7.1	3.115	9.2	883,930	12.8	258
12/11/2025	12:15:00	7.1	2.994	7.6	883,967	12.8	255
12/11/2025	12:30:00	7.2	2.986	17.4	883,985	13.6	257
12/11/2025	12:45:00	7.1	2.441	11.2	884,027	12.9	256
12/11/2025	13:00:00	7.1	3.047	7.8	884,071	12.8	257
12/11/2025	13:15:00	7.2	3.062	9.6	884,099	13	257
12/11/2025	13:30:00	7.2	3.028	9.4	884,145	12.8	257
12/11/2025	13:45:00	7.2	2.419	11.8	884,183	12.9	257



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/11/2025	14:00:00	7.2	3.172	7.9	884,209	12.8	257
12/11/2025	14:15:00	7.1	3.160	15.1	884,257	12.6	258
12/11/2025	14:30:00	7.2	2.328	13.1	884,300	12.6	258
12/11/2025	15:00:00	7.2	3.085	9	884,346	12.4	258
12/11/2025	15:15:00	7.2	3.043	9.9	884,392	12.2	258
12/11/2025	15:30:00	7.2	2.581	5.8	884,407	12.2	260
12/11/2025	15:45:00	7.1	3.009	7.4	884,443	12	259
12/11/2025	16:00:00	7.1	2.975	14.6	884,483	12.1	260
12/11/2025	16:15:00	7.1	2.941	12.5	884,528	12	260
12/11/2025	16:30:00	7.1	2.385	14.6	884,570	12	260
12/11/2025	16:45:00	7.2	2.903	9.3	884,613	12	260
12/11/2025	17:15:00	7.2	1.949	10.3	884,646	11.9	259
12/11/2025	17:30:00	7.2	2.949	9	884,666	11.8	259
12/11/2025	18:00:00	7.2	2.604	7.4	884,722	11.8	258
12/11/2025	18:15:00	7.1	3.089	5.8	884,766	11.6	260
12/11/2025	18:30:00	7.1	3.255	12.6	884,803	11.7	260
12/11/2025	18:45:00	7.1	2.880	9.6	884,852	11.6	260
12/11/2025	19:00:00	7.1	3.301	7	884,888	11.7	260
12/11/2025	19:15:00	7.1	3.327	12.6	884,937	11.6	261
12/11/2025	19:30:00	7.3	2.256	1.1	884,979	11.7	261
12/11/2025	19:45:00	7.3	0.322	8.1	885,013	11.7	260
12/11/2025	20:00:00	7.2	3.236	13.3	885,044	11.6	258
12/11/2025	20:30:00	7.1	3.096	6.3	885,129	11.5	258
12/11/2025	20:45:00	7.2	3.232	11.9	885,172	11.4	257
12/11/2025	21:00:00	7.2	3.259	21.2	885,212	11.5	258



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/11/2025	21:15:00	7.2	3.244	28.7	885,258	11.5	260
12/11/2025	21:45:00	7.1	3.206	6.2	885,302	11.6	257
12/11/2025	22:00:00	7.1	3.221	6.4	885,347	11.6	257
12/11/2025	22:15:00	7.1	3.229	8.1	885,393	11.6	257
12/11/2025	22:30:00	7.1	3.187	13.2	885,436	11.7	257
12/11/2025	22:45:00	7.2	3.176	16.5	885,474	11.7	257
12/11/2025	23:00:00	7.1	3.213	15.1	885,490	11.8	257
12/11/2025	23:15:00	7.1	3.210	6.5	885,534	11.7	257
12/11/2025	23:30:00	7.1	3.202	14.6	885,580	11.9	255
12/11/2025	23:45:00	7.2	3.183	14.6	885,625	12	255
12/12/2025	0:15:00	7.2	3.202	4.2	885,687	12.2	255
12/12/2025	0:30:00	7.2	3.210	4.8	885,732	12.2	253
12/12/2025	0:45:00	7.2	3.202	11.7	885,776	12.2	254
12/12/2025	1:00:00	7.2	3.210	9.5	885,819	12.2	254
12/12/2025	1:15:00	7.2	3.111	12.7	885,831	12.5	253
12/12/2025	1:30:00	7.1	3.149	5.5	885,874	12.1	255
12/12/2025	1:45:00	7.1	3.312	7.9	885,917	12.1	256
12/12/2025	2:00:00	7.2	3.282	3.3	885,963	12	256
12/12/2025	2:30:00	7.2	3.221	5.2	886,022	12.1	257
12/12/2025	2:45:00	7.2	3.301	8.6	886,066	12.1	257
12/12/2025	3:00:00	7.2	3.263	29.1	886,111	12.1	257
12/12/2025	3:15:00	7.2	3.304	14.8	886,128	12.1	255
12/12/2025	3:30:00	7.2	3.270	23.4	886,175	12	256
12/12/2025	3:45:00	7.2	3.285	50.3	886,192	12.4	256
12/12/2025	4:00:00	7.2	3.282	10	886,239	12	256



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/12/2025	4:15:00	7.2	3.274	16.9	886,285	12	254
12/12/2025	4:30:00	7.2	3.255	12	886,329	12	254
12/12/2025	4:45:00	7.2	3.289	11.6	886,345	12.1	257
12/12/2025	5:00:00	7.2	3.278	13.6	886,391	12	257
12/12/2025	5:15:00	7.2	3.282	15.6	886,436	12	257
12/12/2025	5:30:00	7.2	3.263	17.9	886,482	12	256
12/12/2025	6:00:00	7.2	3.274	7.1	886,541	12	254
12/12/2025	6:15:00	7.1	3.263	8.6	886,585	11.9	254
12/12/2025	6:30:00	7.2	3.244	11.6	886,628	11.9	253
12/12/2025	7:00:00	7.2	3.274	7.5	886,681	11.7	253
12/12/2025	7:15:00	7.2	3.266	10.7	886,727	11.6	254
12/12/2025	7:30:00	7.2	3.232	13.2	886,771	11.7	257
12/12/2025	8:15:00	7.2	3.202	7.6	886,836	11.8	254
12/12/2025	8:30:00	7.2	3.176	24.7	886,880	11.7	253
12/12/2025	8:45:00	7.2	0.515	7.9	886,921	11.9	256
12/12/2025	9:00:00	7.2	3.217	11.3	886,943	11.8	257
12/12/2025	9:15:00	7.2	3.225	11	886,988	11.7	258
12/12/2025	9:30:00	7.2	3.051	10.5	887,033	11.8	258
12/12/2025	9:45:00	7.2	3.043	17.9	887,067	11.8	259
12/12/2025	10:00:00	7.1	3.433	6.6	887,114	11.8	261
12/12/2025	10:15:00	7.2	3.414	8.7	887,166	11.8	261
12/12/2025	10:30:00	7.2	3.407	10.1	887,214	11.9	260
12/12/2025	10:45:00	7.2	3.236	13.7	887,240	12.2	259
12/12/2025	11:00:00	7.2	3.236	9.1	887,282	12.1	261
12/12/2025	11:15:00	7.2	3.213	11.5	887,330	12.1	260



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/12/2025	11:45:00	7.3	3.251	13.4	887,383	12.1	259
12/12/2025	12:00:00	7.3	0.625	25.5	887,407	12.4	256
12/12/2025	12:15:00	7.3	3.232	24.5	887,443	12.3	258
12/12/2025	12:30:00	7.3	1.658	6.1	887,474	12.2	260
12/12/2025	12:45:00	7.3	2.528	10.7	887,513	12.1	261
12/12/2025	13:00:00	7.4	3.251	6.3	887,554	12	259
12/12/2025	13:15:00	7.3	3.236	6.9	887,603	12.1	261
12/12/2025	13:30:00	7.3	3.210	8.1	887,651	12.2	261
12/12/2025	13:45:00	7.3	2.835	8.7	887,671	12.7	261
12/12/2025	14:00:00	7.3	3.255	3.9	887,712	12.2	261
12/12/2025	14:15:00	7.3	3.213	7.5	887,761	12.2	259
12/12/2025	14:30:00	7.3	3.248	7.6	887,787	12.3	260
12/12/2025	14:45:00	7.3	0.636	18.4	887,831	12.3	260
12/12/2025	15:15:00	7.3	3.009	5.5	887,893	11.9	259
12/12/2025	15:30:00	7.3	3.028	9.1	887,937	12.1	259
12/12/2025	15:45:00	7.3	0.356	13.1	887,970	12.3	261
12/12/2025	16:15:00	7.3	3.123	4.2	888,030	12.1	259
12/12/2025	16:30:00	7.3	3.433	5.3	888,081	12	259
12/12/2025	16:45:00	7.2	3.422	5.5	888,132	12	259
12/12/2025	17:15:00	7.2	3.505	7.2	888,216	12	259
12/12/2025	17:30:00	7.3	3.429	9	888,244	12.3	259
12/12/2025	18:00:00	7.3	3.429	9.6	888,311	11.8	261
12/12/2025	18:15:00	7.2	3.395	11.3	888,362	12	261
12/12/2025	18:30:00	7.2	3.270	11	888,389	12	261
12/12/2025	19:15:00	7.2	3.531	17.5	888,493	12.1	261



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/12/2025	19:30:00	7.2	3.274	4.8	888,517	12.1	257
12/12/2025	19:45:00	7.2	3.251	7	888,563	11.9	259
12/12/2025	20:00:00	7.2	3.266	6.4	888,590	11.9	259
12/12/2025	20:15:00	7.2	3.240	7.1	888,636	11.9	257
12/12/2025	20:30:00	7.2	3.248	8	888,664	11.9	257
12/12/2025	20:45:00	7.2	1.972	7.9	888,710	11.9	256
12/12/2025	21:00:00	7.2	3.259	9.6	888,738	11.9	255
12/12/2025	21:30:00	7.2	3.255	9.1	888,812	11.8	256
12/12/2025	21:45:00	7.2	3.206	12.1	888,858	11.8	256
12/12/2025	22:00:00	7.2	3.229	6.8	888,894	11.8	254
12/12/2025	22:15:00	7.2	3.259	5.7	888,926	11.8	257
12/12/2025	22:30:00	7.2	3.251	6.5	888,971	11.8	257
12/12/2025	22:45:00	7.2	3.244	7.5	889,017	11.8	257
12/12/2025	23:00:00	7.2	3.232	10.5	889,062	11.8	257
12/12/2025	23:15:00	7.2	3.149	8.2	889,089	11.8	257
12/12/2025	23:30:00	7.2	3.145	11	889,132	11.9	259
12/12/2025	23:45:00	7.2	3.149	16.1	889,177	11.9	259
12/13/2025	0:00:00	7.2	3.149	13.4	889,220	11.9	257
12/13/2025	0:15:00	7.2	3.149	14.3	889,264	11.8	256
12/13/2025	0:30:00	7.2	3.176	14.9	889,288	11.9	257
12/13/2025	0:45:00	7.1	3.187	10.6	889,331	11.7	258
12/13/2025	1:00:00	7.1	3.176	15.9	889,375	11.6	258
12/13/2025	1:15:00	7.1	3.168	12.4	889,419	11.7	259
12/13/2025	1:30:00	7.1	3.164	13.4	889,463	11.7	259
12/13/2025	1:45:00	7.1	3.153	14.1	889,508	11.8	259



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/13/2025	2:00:00	7.1	3.183	13.7	889,535	11.8	259
12/13/2025	2:15:00	7.1	3.168	10.8	889,579	11.8	259
12/13/2025	2:30:00	7.1	3.206	7.1	889,620	11.9	259
12/13/2025	2:45:00	7.1	3.179	8.5	889,664	11.9	259
12/13/2025	3:00:00	7.1	3.176	10.6	889,708	11.8	259
12/13/2025	3:15:00	7.1	3.202	10.3	889,736	11.9	261
12/13/2025	3:30:00	7.1	3.202	15.5	889,781	11.9	261
12/13/2025	3:45:00	7.1	3.179	10.8	889,826	12	260
12/13/2025	4:00:00	7.1	3.210	11.8	889,858	12.2	257
12/13/2025	4:15:00	7.1	3.202	17.2	889,903	12.2	258
12/13/2025	4:30:00	7	3.198	8.1	889,947	12.2	257
12/13/2025	4:45:00	7.1	0.450	10.3	889,983	12.4	255
12/13/2025	5:00:00	7	3.198	8.2	890,021	12.2	258
12/13/2025	5:15:00	7	0.961	5.5	890,065	12.2	258
12/13/2025	5:30:00	7	3.191	6.5	890,091	12.2	258
12/13/2025	5:45:00	7.1	3.206	9.4	890,117	12.2	261
12/13/2025	6:00:00	7.1	3.191	11.4	890,161	12	259
12/13/2025	6:15:00	7.1	3.191	9	890,206	11.8	258
12/13/2025	6:30:00	7.1	3.202	12.2	890,240	11.7	258
12/13/2025	6:45:00	7.1	3.066	15.1	890,284	11.7	258
12/13/2025	7:15:00	7	3.089	12.8	890,356	11.6	260
12/13/2025	7:30:00	7	3.081	14.5	890,389	11.6	260
12/13/2025	8:00:00	7	3.172	7.7	890,439	11.6	261
12/13/2025	8:15:00	7.1	3.168	10.2	890,484	11.6	260
12/13/2025	9:00:00	7.1	2.986	17.5	890,547	11.6	262



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/13/2025	9:15:00	7.1	3.232	14.2	890,567	11.6	262
12/13/2025	9:30:00	7.1	3.278	7.5	890,598	11.6	262
12/13/2025	10:00:00	7.1	3.236	7.3	890,673	11.5	262
12/13/2025	10:15:00	7.1	3.365	6.5	890,718	11.5	262
12/13/2025	11:00:00	7.1	3.301	7.5	890,805	11.6	265
12/13/2025	11:15:00	7.1	3.429	10.4	890,851	11.7	266
12/13/2025	11:30:00	7.1	3.251	14.2	890,898	11.7	266
12/13/2025	11:45:00	7.1	3.255	16.6	890,944	11.8	265
12/13/2025	12:15:00	7.1	2.691	11.1	891,017	11.8	266
12/13/2025	12:30:00	7.1	3.270	7.3	891,047	11.8	266
12/13/2025	13:15:00	7.1	3.531	14.1	891,154	12.1	263
12/13/2025	13:30:00	7.1	3.263	9.5	891,200	12.1	262
12/13/2025	13:45:00	7.1	2.846	10.7	891,247	12	263
12/13/2025	14:00:00	7.1	3.361	13.2	891,276	12	263
12/13/2025	14:15:00	7.1	3.126	9.3	891,323	12	264
12/13/2025	14:30:00	7.1	3.380	7.4	891,354	12.1	264
12/13/2025	14:45:00	7.1	3.198	2.5	891,401	12.1	264
12/13/2025	15:00:00	7.1	3.278	4.5	891,426	12.3	266
12/13/2025	15:15:00	7.1	3.289	23	891,473	12.2	266
12/13/2025	15:30:00	7.1	3.274	4	891,519	12.1	266
12/13/2025	15:45:00	7.1	3.191	3.6	891,566	12.2	264
12/13/2025	16:00:00	7.1	3.293	3.8	891,597	12.3	264
12/13/2025	16:15:00	7.1	3.259	3.1	891,644	12.3	264
12/13/2025	16:30:00	7.1	3.293	3.7	891,686	12.2	266
12/13/2025	17:00:00	7.2	3.285	6.2	891,759	12.2	262



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/13/2025	17:30:00	7.1	3.433	6.8	891,834	12.1	264
12/13/2025	17:45:00	7.1	3.229	7.5	891,882	12.1	266
12/13/2025	18:00:00	7.1	2.574	6	891,908	12.2	264
12/13/2025	18:15:00	7.1	3.425	8.3	891,938	12.2	263
12/13/2025	18:30:00	7.1	3.263	6.7	891,984	12.2	263
12/13/2025	18:45:00	7.1	3.274	6.8	892,016	12.3	265
12/13/2025	19:00:00	7.1	3.251	8.1	892,058	12.2	263
12/13/2025	19:15:00	7.1	2.403	6	892,081	12.2	263
12/13/2025	19:30:00	7.1	3.013	7.4	892,102	12.3	262
12/13/2025	19:45:00	7.2	2.661	6.4	892,149	12.2	262
12/13/2025	20:00:00	7.1	3.323	8.3	892,196	12.2	262
12/13/2025	20:15:00	7.1	2.608	4.8	892,243	12.3	262
12/13/2025	20:30:00	7.1	3.297	11.8	892,290	12.2	260
12/13/2025	21:00:00	7.1	3.187	10.8	892,365	12.3	262
12/13/2025	21:15:00	7.1	3.210	11.3	892,397	12.3	261
12/13/2025	21:30:00	7.1	3.187	13.1	892,440	12.3	261
12/13/2025	21:45:00	7.1	3.206	12	892,470	12.4	261
12/13/2025	22:00:00	7.1	3.191	13.7	892,513	12.4	261
12/13/2025	22:30:00	7.1	3.198	14.7	892,586	12.3	260
12/13/2025	22:45:00	7.1	3.206	15.6	892,616	12.5	259
12/13/2025	23:00:00	7.1	3.183	5	892,660	12.3	260
12/13/2025	23:30:00	7.1	3.195	5	892,741	12.4	260
12/13/2025	23:45:00	7.1	3.187	3.2	892,754	12.6	260
12/14/2025	0:00:00	7.1	3.195	7.7	892,803	12.4	258
12/14/2025	0:30:00	7.1	3.195	8.6	892,869	12.3	261



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/14/2025	0:45:00	7.1	3.221	10.4	892,897	12.6	260
12/14/2025	1:00:00	7.1	3.202	5	892,940	12.4	260
12/14/2025	1:15:00	7.1	3.187	4.4	892,984	12.5	257
12/14/2025	1:30:00	7.1	3.213	6.3	893,018	12.4	257
12/14/2025	1:45:00	7.1	3.183	6.9	893,063	12.4	260
12/14/2025	2:15:00	7.1	3.206	6.7	893,136	12.5	261
12/14/2025	2:45:00	7.1	3.354	9.3	893,212	12.5	261
12/14/2025	3:00:00	7.1	3.240	10.7	893,255	12.6	261
12/14/2025	3:15:00	7.1	3.221	9.4	893,301	12.6	260
12/14/2025	3:30:00	7.1	3.210	11.8	893,343	12.6	261
12/14/2025	3:45:00	7.1	3.191	8.6	893,389	12.7	260
12/14/2025	4:00:00	7.1	3.221	9.7	893,417	12.7	261
12/14/2025	4:15:00	7.2	3.198	9.2	893,462	12.7	260
12/14/2025	4:30:00	7.2	3.236	10.1	893,490	12.7	262
12/14/2025	4:45:00	7.2	3.202	10.2	893,535	12.6	262
12/14/2025	5:15:00	7.1	3.229	7.8	893,604	12.5	260
12/14/2025	5:45:00	7.1	3.857	5.1	893,676	12.3	261
12/14/2025	6:00:00	7.1	3.388	9	893,721	12.3	261
12/14/2025	6:15:00	7.1	3.350	9.2	893,766	12.2	261
12/14/2025	6:30:00	7.1	3.369	9.6	893,797	12.3	260
12/14/2025	6:45:00	7.1	3.179	11.8	893,842	12.2	261
12/14/2025	7:00:00	7.1	3.179	5.1	893,886	12.1	261
12/14/2025	7:15:00	7.1	3.157	6.1	893,930	12.1	259
12/14/2025	7:45:00	7.1	3.206	7	894,000	12.1	261
12/14/2025	8:00:00	7.1	3.202	5.3	894,042	12.1	261



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/14/2025	8:15:00	7.1	3.191	6.2	894,081	12.2	261
12/14/2025	8:30:00	7.1	3.293	9.3	894,108	12.2	261
12/14/2025	8:45:00	7.1	3.365	9.7	894,153	12.2	261
12/14/2025	9:00:00	7.1	3.202	7.5	894,198	12.2	258
12/14/2025	9:15:00	7.1	3.232	7.3	894,243	12.2	257
12/14/2025	9:30:00	7.2	3.308	8.9	894,288	12.2	257
12/14/2025	10:00:00	7.1	3.195	5.4	894,359	12.1	257
12/14/2025	10:15:00	7.1	3.338	6.1	894,404	12.2	257
12/14/2025	10:30:00	7.1	3.213	5.3	894,447	12.3	257
12/14/2025	10:45:00	7.1	3.263	4.5	894,478	12.4	257
12/14/2025	11:00:00	7.1	3.251	6.7	894,523	12.5	256
12/14/2025	11:15:00	7.1	3.232	6.4	894,569	12.5	257
12/14/2025	11:30:00	7.1	3.259	5.2	894,597	12.5	257
12/14/2025	11:45:00	7.1	3.172	5.8	894,643	12.5	257
12/14/2025	12:00:00	7.1	3.229	5.5	894,688	12.5	257
12/14/2025	12:15:00	7.1	2.918	5.5	894,735	12.5	257
12/14/2025	12:30:00	7.1	3.251	4.2	894,759	12.6	257
12/14/2025	12:45:00	7.1	3.255	6	894,800	12.5	257
12/14/2025	13:00:00	7.1	3.240	4.3	894,836	12.5	257
12/14/2025	13:30:00	7	2.733	11.5	894,913	12.3	256
12/14/2025	13:45:00	7	3.232	11.1	894,955	12.3	257
12/14/2025	14:00:00	7	2.494	5.6	895,002	12.2	257
12/14/2025	14:15:00	7	3.301	11.6	895,033	12.3	261
12/14/2025	14:30:00	7	3.255	11.5	895,075	12.2	259
12/14/2025	14:45:00	7	3.395	11.1	895,124	12.2	259



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/14/2025	15:00:00	7	3.236	8.7	895,173	12.2	258
12/14/2025	15:15:00	7	3.198	11	895,221	12.5	260
12/14/2025	15:30:00	7	2.434	9.4	895,259	12.6	258
12/14/2025	15:45:00	7	3.130	14.7	895,290	12.6	258
12/14/2025	16:00:00	7.1	2.392	12.7	895,318	12.7	260
12/14/2025	16:30:00	7	3.278	10	895,399	12.6	257
12/14/2025	16:45:00	7	3.251	6.5	895,438	12.8	259
12/14/2025	17:00:00	7	3.248	4.7	895,487	12.7	264
12/14/2025	17:15:00	7	3.176	4.5	895,531	12.6	263
12/14/2025	17:30:00	7	3.172	4.9	895,575	12.8	262
12/14/2025	17:45:00	7	3.176	6.1	895,623	12.7	262
12/14/2025	18:00:00	7	2.536	7.8	895,671	12.7	264
12/14/2025	18:15:00	7	3.327	9.2	895,717	12.6	263
12/14/2025	18:30:00	7	2.475	7.5	895,759	12.7	261
12/14/2025	18:45:00	7.1	3.195	9.5	895,791	12.5	259
12/14/2025	19:00:00	7.1	2.491	9.1	895,832	12.7	258
12/14/2025	19:15:00	7.1	3.342	10	895,858	12.8	258
12/14/2025	19:30:00	7.1	2.532	9.4	895,901	12.7	258
12/14/2025	19:45:00	7.1	3.149	9.4	895,946	12.7	260
12/14/2025	20:00:00	7.1	2.509	6.1	895,975	12.5	258
12/14/2025	20:15:00	7.1	3.164	6.2	896,019	12.3	260
12/14/2025	20:30:00	7.1	2.650	7.9	896,065	12.1	260
12/14/2025	20:45:00	7.1	3.191	7.6	896,110	12	257
12/14/2025	21:00:00	7	2.475	5.7	896,153	12	259
12/14/2025	21:15:00	7	3.176	8.2	896,198	11.9	259



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/14/2025	21:30:00	7.1	2.475	4.4	896,242	12	259
12/14/2025	21:45:00	7.1	3.191	8.9	896,274	12.1	257
12/14/2025	22:00:00	7.1	2.494	6.5	896,316	12.1	259
12/14/2025	22:15:00	7.1	3.157	8.9	896,361	12.1	257
12/14/2025	22:30:00	7.1	2.381	6.5	896,387	12.3	259
12/14/2025	22:45:00	7	3.187	10	896,432	12.1	257
12/14/2025	23:00:00	7.1	2.661	10.8	896,475	12	259
12/14/2025	23:15:00	7.1	3.187	13.8	896,521	12	259
12/14/2025	23:30:00	7	2.525	11.7	896,563	12.1	261
12/14/2025	23:45:00	7	3.179	14.9	896,608	12.1	257

Table 3. In-Situ Parameters

Date	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
12/08/2025	12.8	10.34	168.7	0.08	7.31	231.0	2.70
12/09/2025	13.0	10.69	178.7	0.08	7.11	243.0	4.27
12/10/2025	12.7	10.51	169.0	0.08	7.28	249.6	2.84
12/11/2025	12.1	10.86	176.8	0.08	7.27	263.3	6.78
12/12/2025	12.5	10.35	162.5	0.08	7.45	266.4	2.98
12/13/2025	12.6	10.23	188.3	0.08	7.20	198.5	3.56
12/14/2025	11.9	10.20	140.3	0.08	7.21	241.2	1.98



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
12/09/2025	YSI	✓	✓	✓	✓
12/09/2025	WTP	✓	N/A	N/A	✓



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	December 23, 2025

APPENDIX A: WTP Log

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/8/2025	0:00:00	7.3	3.195	4.5	871,541	Open	13	263
12/8/2025	0:15:00	7.3	3.187	4.1	871,585	Open	12.8	262
12/8/2025	0:30:00	7.3	3.157	8.5	871,629	Open	12.9	261
12/8/2025	0:45:00	7.3	3.187	4.7	871,654	Open	13	260
12/8/2025	1:00:00	7.3	3.145	5.2	871,698	Open	13	260
12/8/2025	1:15:00	7.3	3.198	5.8	871,718	Open	13.3	260
12/8/2025	1:30:00	7.3	3.149	3.5	871,762	Open	13	261
12/8/2025	1:45:00	7.3	3.142	5.1	871,806	Open	12.9	261
12/8/2025	2:00:00	7.3	0.000	2.8	871,845	Closed	12.9	261
12/8/2025	2:15:00	7.3	3.168	4.8	871,871	Open	12.9	259
12/8/2025	2:30:00	7.3	3.187	3.8	871,891	Open	13	259
12/8/2025	2:45:00	7.3	3.149	5.2	871,935	Open	12.9	259
12/8/2025	3:00:00	7.3	3.145	6.8	871,979	Open	12.9	259
12/8/2025	3:15:00	7.3	0.000	9.8	872,000	Closed	13.4	259
12/8/2025	3:30:00	7.3	3.176	11.1	872,041	Open	12.9	261
12/8/2025	3:45:00	7.3	3.138	7.8	872,085	Open	12.9	262
12/8/2025	4:00:00	7.4	2.952	0	872,106	Closed	13.3	262
12/8/2025	4:15:00	7.3	3.176	3.5	872,149	Open	12.9	264
12/8/2025	4:30:00	7.3	3.138	2.8	872,193	Open	12.9	262
12/8/2025	4:45:00	7.3	3.138	2.8	872,237	Open	13	262
12/8/2025	5:00:00	7.3	3.176	2.5	872,258	Open	13.1	261
12/8/2025	5:15:00	7.3	0.000	1.1	872,299	Closed	13	261
12/8/2025	5:30:00	7.3	3.149	1.6	872,326	Open	13	258
12/8/2025	5:45:00	7.3	0.000	1.5	872,361	Closed	12.9	258
12/8/2025	6:00:00	7.3	3.168	1.9	872,395	Open	12.7	258

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/8/2025	6:15:00	7.3	3.149	3.2	872,439	Open	12.8	256
12/8/2025	6:30:00	7.3	3.145	2.4	872,482	Open	13	256
12/8/2025	6:45:00	7.4	3.123	2	872,526	Open	13.2	256
12/8/2025	7:00:00	7.4	3.107	1.9	872,569	Open	13.1	254
12/8/2025	7:15:00	7.4	3.157	1.7	872,592	Open	13.2	255
12/8/2025	7:30:00	7.3	3.145	2.1	872,636	Open	13.2	255
12/8/2025	7:45:00	7.3	3.168	1.8	872,680	Open	13.3	255
12/8/2025	8:00:00	7.3	3.160	2.4	872,724	Open	13.1	253
12/8/2025	8:15:00	7.3	3.142	2.7	872,768	Open	12.8	253
12/8/2025	8:30:00	7.5	1.488	0.9	872,780	Closed	13.2	109
12/8/2025	8:45:00	7.4	3.459	4.4	872,827	Open	12.3	255
12/8/2025	9:00:00	7.4	3.448	5	872,875	Open	12.2	253
12/8/2025	9:15:00	7.3	3.350	5.9	872,922	Open	12.2	254
12/8/2025	9:30:00	7.3	3.350	4	872,969	Open	12.2	258
12/8/2025	9:45:00	7.3	0.000	3.4	873,005	Closed	12.2	255
12/8/2025	10:00:00	7.3	3.350	4.2	873,043	Open	12.1	257
12/8/2025	10:15:00	7.3	3.346	3.3	873,074	Open	12	257
12/8/2025	10:30:00	7.3	3.350	4.1	873,117	Open	11.9	257
12/8/2025	10:45:00	7.3	3.777	6	873,139	Open	12.2	257
12/8/2025	11:00:00	7.3	2.971	2.6	873,159	Open	11.9	258
12/8/2025	11:15:00	7.2	2.805	3.2	873,203	Open	11.9	260
12/8/2025	11:30:00	7.2	2.930	3	873,241	Open	12	262
12/8/2025	11:45:00	7.2	2.381	2.2	873,284	Open	12.1	260
12/8/2025	12:00:00	7.2	2.899	1.4	873,321	Open	12.3	258
12/8/2025	12:15:00	7.2	2.199	1.3	873,364	Open	12.4	259

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/8/2025	12:30:00	7.2	2.861	2.5	873,401	Open	12.6	259
12/8/2025	12:45:00	7.2	2.112	3	873,444	Open	12.7	261
12/8/2025	13:00:00	7.2	2.869	1.6	873,480	Open	12.7	261
12/8/2025	13:15:00	7.2	2.112	1.2	873,523	Open	12.5	263
12/8/2025	13:30:00	7.2	0.000	3.9	873,546	Closed	12.9	265
12/8/2025	13:45:00	7.2	2.097	1.8	873,585	Open	12.5	263
12/8/2025	14:00:00	7.2	2.877	2.4	873,604	Open	12.7	264
12/8/2025	14:15:00	7.2	2.101	2.7	873,647	Open	12.5	261
12/8/2025	14:30:00	7.2	2.903	1.1	873,684	Open	12.6	263
12/8/2025	14:45:00	7.2	2.063	1.3	873,727	Open	12.7	261
12/8/2025	15:00:00	7.2	3.123	7.7	873,763	Open	12.9	259
12/8/2025	15:15:00	7.2	1.631	16.6	873,808	Open	13.1	259
12/8/2025	15:30:00	7.3	0.000	7.6	873,831	Closed	13.3	259
12/8/2025	15:45:00	7.3	2.646	5.6	873,879	Open	13.1	259
12/8/2025	16:00:00	7.2	3.183	5.5	873,908	Open	13.3	259
12/8/2025	16:15:00	7.2	2.305	4	873,955	Open	13.2	257
12/8/2025	16:30:00	7.2	3.111	2.9	873,995	Open	13.1	257
12/8/2025	16:45:00	7.2	2.286	3.5	874,041	Open	13.3	259
12/8/2025	17:00:00	7.2	3.092	4.5	874,081	Open	13.6	259
12/8/2025	17:15:00	7.2	2.279	6.8	874,127	Open	13.6	259
12/8/2025	17:30:00	7.2	3.096	7.7	874,167	Open	13.8	264
12/8/2025	17:45:00	7.2	0.000	14.8	874,199	Closed	13.9	264
12/8/2025	18:00:00	7.2	3.119	8.8	874,226	Open	13.9	261
12/8/2025	18:15:00	7.2	2.294	9	874,272	Open	13.7	259
12/8/2025	18:30:00	7.1	3.096	7.7	874,313	Open	13.5	261



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/8/2025	18:45:00	7.1	2.279	5.4	874,358	Open	13	259
12/8/2025	19:00:00	7.2	3.070	6.4	874,398	Open	12.9	259
12/8/2025	19:15:00	7.2	2.271	7.6	874,444	Open	12.7	259
12/8/2025	19:30:00	7.2	0.182	5.7	874,471	Closed	13	256
12/8/2025	19:45:00	7.2	2.313	4.7	874,508	Open	13	256
12/8/2025	20:00:00	7.2	3.104	4.8	874,548	Open	13.2	256
12/8/2025	20:15:00	7.2	2.279	5.1	874,594	Open	13	254
12/8/2025	20:30:00	7.2	3.089	6.4	874,634	Open	13.1	254
12/8/2025	20:45:00	7.3	2.188	2.3	874,679	Open	13.1	254
12/8/2025	21:00:00	7.2	2.990	2.5	874,718	Open	12.9	255
12/8/2025	21:15:00	7.2	1.616	15.5	874,763	Open	12.7	255
12/8/2025	21:30:00	7.2	3.130	1.8	874,788	Open	12.7	254
12/8/2025	21:45:00	7.2	2.316	4	874,834	Open	12.5	255
12/8/2025	22:00:00	7.2	0.197	4	874,863	Closed	12.6	257
12/8/2025	22:15:00	7.2	2.301	5.6	874,903	Open	12.4	256
12/8/2025	22:30:00	7.2	0.000	2.2	874,933	Closed	12.5	257
12/8/2025	22:45:00	7.2	2.282	5.3	874,973	Open	12.4	257
12/8/2025	23:00:00	7.2	3.115	2.5	875,000	Open	12.7	256
12/8/2025	23:15:00	7.2	2.324	4.7	875,046	Open	12.6	255
12/8/2025	23:30:00	7.2	3.107	2.6	875,069	Open	12.8	256
12/8/2025	23:45:00	7.2	2.294	5	875,115	Open	12.7	256
12/9/2025	0:00:00	7.2	3.104	3.4	875,138	Open	12.9	256
12/9/2025	0:15:00	7.2	2.294	5.7	875,184	Open	12.8	257
12/9/2025	0:30:00	7.2	3.437	11.5	875,210	Open	13.2	257
12/9/2025	0:45:00	7.2	2.233	5.4	875,254	Open	13	257

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/9/2025	1:00:00	7.2	2.998	5.4	875,293	Open	12.8	257
12/9/2025	1:15:00	7.2	0.000	5	875,327	Closed	12.8	255
12/9/2025	1:30:00	7.2	2.998	4.7	875,361	Open	12.6	255
12/9/2025	1:45:00	7.2	2.589	9	875,384	Open	12.5	256
12/9/2025	2:00:00	7.2	3.051	4.4	875,424	Open	12.4	258
12/9/2025	2:15:00	7.2	0.000	3.2	875,453	Closed	12.6	258
12/9/2025	2:30:00	7.2	3.073	5.2	875,492	Open	12.4	259
12/9/2025	2:45:00	7.2	2.366	13.4	875,537	Open	12.3	258
12/9/2025	3:00:00	7.2	0.000	8.7	875,565	Closed	12.4	257
12/9/2025	3:15:00	7.2	2.267	8.3	875,606	Open	12.3	257
12/9/2025	3:30:00	7.2	3.036	9.7	875,631	Open	12.3	257
12/9/2025	4:00:00	7.2	3.073	0.7	875,702	Open	12.3	257
12/9/2025	4:15:00	7.2	0.000	0.7	875,745	Closed	12.2	257
12/9/2025	4:30:00	7.2	3.070	1.7	875,774	Open	12.2	256
12/9/2025	4:45:00	7.2	2.294	3.7	875,818	Open	12.2	256
12/9/2025	5:00:00	7.2	3.036	1.9	875,845	Open	12.2	257
12/9/2025	5:15:00	7.2	1.862	6	875,889	Open	12.4	256
12/9/2025	5:30:00	7.2	3.062	3.4	875,910	Open	13.2	254
12/9/2025	5:45:00	7.2	0.000	1.7	875,952	Closed	13.1	254
12/9/2025	6:00:00	7.2	3.036	1.9	875,981	Open	13.3	256
12/9/2025	6:15:00	7.2	2.029	1.9	876,012	Closed	13.7	255
12/9/2025	6:30:00	7.2	3.062	1.8	876,050	Open	13.5	256
12/9/2025	6:45:00	7.2	2.339	5.3	876,078	Open	13.7	252
12/9/2025	7:00:00	7.2	3.032	4.4	876,119	Open	13	254
12/9/2025	7:15:00	7.2	0.000	6.3	876,161	Closed	12.9	254



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/9/2025	7:30:00	7.2	2.899	5.3	876,184	Open	12.8	256
12/9/2025	7:45:00	7.2	2.135	11.7	876,227	Open	12.8	256
12/9/2025	8:00:00	7.2	2.888	5.4	876,255	Open	12.8	252
12/9/2025	8:15:00	7.2	2.033	9.4	876,297	Open	12.5	255
12/9/2025	8:30:00	7.3	0.000	9.8	876,311	Closed	12.5	254
12/9/2025	8:45:00	7.2	2.892	8	876,351	Open	12.6	255
12/9/2025	9:00:00	7.2	2.884	14.8	876,384	Open	13	257
12/9/2025	9:15:00	7.2	2.975	325.1	876,419	Closed	12.7	255
12/9/2025	9:30:00	7.2	3.179	12.2	876,466	Open	12.7	255
12/9/2025	9:45:00	7.2	3.240	0.2	876,487	Open	14.2	112
12/9/2025	10:00:00	7	3.240	174.6	876,525	Open	15.8	112
12/9/2025	10:15:00	6.8	3.244	6.4	876,561	Open	13.7	253
12/9/2025	10:30:00	6.9	3.213	4.4	876,606	Open	13.1	255
12/9/2025	10:45:00	7	0.382	5	876,645	Open	13.4	256
12/9/2025	11:00:00	7	3.229	10.4	876,671	Open	13.3	254
12/9/2025	11:15:00	7	3.335	35.5	876,702	Open	14	256
12/9/2025	11:30:00	7	3.092	1.3	876,745	Open	13	259
12/9/2025	11:45:00	7.1	3.024	2.4	876,788	Open	12.9	259
12/9/2025	12:00:00	7.1	3.270	2.5	876,811	Open	12.9	261
12/9/2025	12:15:00	7	2.718	3.9	876,857	Open	13	261
12/9/2025	12:30:00	7.1	2.718	19.3	876,905	Open	13	261
12/9/2025	12:45:00	7.1	3.399	16.1	876,955	Open	13.1	261
12/9/2025	13:00:00	7.1	2.684	14	876,985	Open	13.5	259
12/9/2025	13:15:00	7.2	0.908	6.2	877,034	Open	13.6	259
12/9/2025	13:30:00	7.2	2.691	10	877,063	Open	13.7	257

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/9/2025	13:45:00	7.2	3.403	24.4	877,093	Open	13.9	259
12/9/2025	14:00:00	7.1	1.101	28.4	877,118	Open	14	256
12/9/2025	14:15:00	7.1	3.407	9	877,165	Open	12.8	258
12/9/2025	14:30:00	7.2	1.007	18.5	877,210	Open	12.8	258
12/9/2025	14:45:00	7.2	3.418	13.8	877,243	Open	12.8	256
12/9/2025	15:00:00	7.2	1.639	5.3	877,282	Open	12.7	258
12/9/2025	15:15:00	7.2	3.361	7.5	877,307	Open	12.7	258
12/9/2025	15:30:00	7.2	3.497	10.3	877,323	Open	13.2	258
12/9/2025	15:45:00	7.2	3.478	7.8	877,375	Open	12.6	255
12/9/2025	16:00:00	7.2	3.126	9.2	877,408	Open	12.5	255
12/9/2025	16:15:00	7.2	3.232	11.2	877,455	Open	12.3	251
12/9/2025	16:30:00	7.2	3.164	8.1	877,487	Open	12.5	253
12/9/2025	16:45:00	7.1	3.149	6.5	877,535	Open	12.5	253
12/9/2025	17:00:00	7.1	3.149	5	877,578	Open	12.6	251
12/9/2025	17:15:00	7.1	3.176	10.4	877,606	Open	13.1	255
12/9/2025	17:30:00	7.1	3.160	4	877,644	Open	12.6	255
12/9/2025	17:45:00	7.1	3.073	5.1	877,691	Open	12.5	255
12/9/2025	18:00:00	7.1	3.145	4.6	877,716	Open	12.5	257
12/9/2025	18:15:00	7.1	0.000	3.3	877,761	Closed	12.4	257
12/9/2025	18:30:00	7.1	3.153	3.2	877,784	Open	12.5	256
12/9/2025	18:45:00	7.1	3.107	15	877,831	Open	12.5	257
12/9/2025	19:00:00	7.1	3.138	10.7	877,853	Open	12.4	257
12/9/2025	19:15:00	7.1	3.100	18.2	877,891	Open	12.3	258
12/9/2025	19:30:00	7.1	3.126	13.2	877,917	Open	12.3	256
12/9/2025	19:45:00	7.2	3.100	13.9	877,964	Open	12.1	255



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/9/2025	20:00:00	7.2	0.768	8.2	878,005	Open	12	253
12/9/2025	20:15:00	7.2	3.115	10.9	878,036	Open	11.9	253
12/9/2025	20:30:00	7.2	2.971	8.2	878,077	Open	11.7	252
12/9/2025	20:45:00	7.2	2.937	8.8	878,121	Open	11.7	252
12/9/2025	21:00:00	7.3	2.332	31.2	878,141	Closed	11.8	109
12/9/2025	21:15:00	7.2	3.036	5.3	878,186	Open	11.7	251
12/9/2025	21:30:00	7.1	3.028	6.8	878,227	Open	11.9	251
12/9/2025	21:45:00	7.2	0.000	6.9	878,260	Closed	12.2	250
12/9/2025	22:00:00	7.1	3.036	8.6	878,294	Open	12	250
12/9/2025	22:15:00	7.1	3.017	8.6	878,339	Open	12.2	251
12/9/2025	22:30:00	7.1	3.017	7.2	878,380	Open	12.4	250
12/9/2025	22:45:00	7.1	3.032	7.8	878,409	Open	12.5	250
12/9/2025	23:00:00	7.1	3.032	6.3	878,450	Open	12.7	251
12/9/2025	23:15:00	7.1	2.998	7.1	878,495	Open	12.7	250
12/9/2025	23:30:00	7.1	3.032	8.9	878,522	Open	12.9	251
12/9/2025	23:45:00	7.1	3.013	7.9	878,567	Open	12.8	248
12/10/2025	0:00:00	7.1	3.005	8.4	878,607	Open	12.8	248
12/10/2025	0:15:00	7.1	2.983	8.9	878,652	Open	12.8	251
12/10/2025	0:30:00	7.1	3.039	11	878,673	Open	13.3	248
12/10/2025	0:45:00	7.1	3.009	7.9	878,719	Open	12.7	247
12/10/2025	1:00:00	7.2	3.005	12.2	878,755	Open	12.5	250
12/10/2025	1:15:00	7.2	0.000	5.1	878,784	Closed	12.6	250
12/10/2025	1:30:00	7.2	3.039	6.8	878,816	Open	12.4	251
12/10/2025	1:45:00	7.2	3.020	9.7	878,861	Open	12.5	251
12/10/2025	2:00:00	7.1	3.020	9.5	878,902	Open	12.5	248



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/10/2025	2:15:00	7.2	3.009	10.9	878,948	Open	12.6	250
12/10/2025	2:30:00	7.2	3.024	8.2	878,988	Open	12.6	250
12/10/2025	2:45:00	7.2	3.005	7.1	879,033	Open	12.6	250
12/10/2025	3:00:00	7.3	3.020	10.6	879,074	Open	12.7	252
12/10/2025	3:15:00	7.3	3.005	10.3	879,119	Open	12.8	251
12/10/2025	3:30:00	7.3	3.054	4.6	879,159	Open	12.9	250
12/10/2025	3:45:00	7.2	3.066	7.5	879,187	Open	13	250
12/10/2025	4:00:00	7.3	3.066	11	879,228	Open	13.1	250
12/10/2025	4:15:00	7.3	3.073	4.8	879,256	Open	13.1	250
12/10/2025	4:30:00	7.4	3.066	3.9	879,298	Open	13.1	250
12/10/2025	4:45:00	7.4	0.000	6.2	879,332	Closed	13.3	250
12/10/2025	5:00:00	7.3	3.081	7.7	879,368	Open	13.1	252
12/10/2025	5:15:00	7.3	3.058	13.5	879,414	Open	13	252
12/10/2025	5:30:00	7.2	3.054	17.9	879,446	Open	12.8	246
12/10/2025	5:45:00	7.2	3.164	8.3	879,473	Open	12.6	250
12/10/2025	6:00:00	7.2	3.149	8.2	879,516	Open	12.5	250
12/10/2025	6:15:00	7.2	0.594	7.6	879,559	Open	12.4	110
12/10/2025	6:30:00	7.2	3.005	5.4	879,587	Open	12.2	248
12/10/2025	6:45:00	7.2	2.979	8.4	879,632	Open	12.2	250
12/10/2025	7:00:00	7.2	0.000	5.2	879,666	Closed	12.2	112
12/10/2025	7:15:00	7.2	3.013	5.9	879,694	Open	12.2	250
12/10/2025	7:30:00	7.2	3.017	15.1	879,731	Open	12.2	251
12/10/2025	7:45:00	7.2	3.327	16.3	879,778	Open	12.1	251
12/10/2025	8:00:00	-0.4	0.609	11.6	879,792	Open	13	110
12/10/2025	8:15:00	7.2	2.979	9.3	879,836	Open	13.3	248

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/10/2025	8:30:00	7.2	2.914	9.1	879,857	Open	12.2	254
12/10/2025	8:45:00	7.2	2.907	6.8	879,901	Open	12.9	255
12/10/2025	9:00:00	7.2	2.911	6	879,940	Open	13.5	257
12/10/2025	9:15:00	7.2	2.903	6.4	879,983	Open	14.1	255
12/10/2025	9:30:00	7.2	3.119	10.6	880,023	Open	12.4	250
12/10/2025	9:45:00	7.2	3.100	13.3	880,070	Open	12.1	255
12/10/2025	10:00:00	7.3	3.123	14.8	880,102	Open	12	256
12/10/2025	10:15:00	7.4	3.126	7.5	880,148	Open	12	258
12/10/2025	10:30:00	7.4	3.142	6.6	880,172	Open	12	256
12/10/2025	10:45:00	7.4	3.111	13.5	880,219	Open	12	260
12/10/2025	11:00:00	7.4	3.157	11.2	880,245	Open	11.9	261
12/10/2025	11:15:00	7.3	3.134	12.3	880,292	Open	11.9	262
12/10/2025	11:30:00	7.2	3.229	20.7	880,328	Open	12	260
12/10/2025	11:45:00	7.2	3.149	23.6	880,369	Closed	12.1	261
12/10/2025	12:00:00	7.2	3.047	9.2	880,390	Open	12.1	257
12/10/2025	12:15:00	7.2	2.998	8.8	880,436	Open	12	256
12/10/2025	12:30:00	7.2	3.020	4	880,463	Open	12	255
12/10/2025	12:45:00	7.2	3.009	4.3	880,508	Open	12	257
12/10/2025	13:00:00	7.2	3.039	3.8	880,547	Open	12	256
12/10/2025	13:15:00	7.2	3.013	4.8	880,592	Open	12.1	258
12/10/2025	13:30:00	7.2	3.198	5.3	880,636	Open	12.3	256
12/10/2025	13:45:00	7.2	3.157	9.4	880,683	Open	12.5	254
12/10/2025	14:00:00	7.2	3.206	4.9	880,707	Open	12.6	255
12/10/2025	14:15:00	7.2	3.187	6.5	880,755	Open	12.7	252
12/10/2025	14:30:00	7.2	3.285	4.7	880,789	Open	12.4	252

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/10/2025	14:45:00	7.2	3.289	9.8	880,839	Open	12.3	254
12/10/2025	15:00:00	7.2	3.248	5.8	880,858	Open	12.4	254
12/10/2025	15:15:00	7.2	3.210	12.3	880,906	Open	12.3	253
12/10/2025	15:30:00	7.2	3.244	14.8	880,929	Open	12.3	252
12/10/2025	15:45:00	7.2	0.000	18.7	880,969	Closed	12.2	254
12/10/2025	16:00:00	7.2	2.449	20.5	880,981	Closed	12	255
12/10/2025	16:15:00	7.2	3.160	20.9	881,026	Open	11.8	252
12/10/2025	16:30:00	7.2	2.899	9.4	881,060	Open	11.7	109
12/10/2025	16:45:00	7.2	2.896	6.3	881,103	Open	11.7	110
12/10/2025	17:00:00	7.2	2.880	18.3	881,144	Open	11.8	110
12/10/2025	17:15:00	7.2	3.142	8.3	881,174	Open	11.9	255
12/10/2025	17:30:00	7.2	3.145	4.6	881,217	Open	11.9	257
12/10/2025	17:45:00	7.2	3.126	7.3	881,262	Open	11.9	256
12/10/2025	18:00:00	7.2	3.149	6.8	881,285	Open	12	257
12/10/2025	18:15:00	7.2	3.123	7.5	881,329	Open	11.9	255
12/10/2025	18:30:00	7.2	0.000	4.4	881,359	Closed	12	255
12/10/2025	18:45:00	7.2	3.085	5.6	881,399	Open	11.7	255
12/10/2025	19:00:00	7.2	3.073	8.1	881,442	Open	11.6	253
12/10/2025	19:15:00	7.2	0.000	6.2	881,478	Closed	11.8	253
12/10/2025	19:30:00	7.1	3.062	9.6	881,510	Open	11.7	253
12/10/2025	19:45:00	7.1	3.036	11.4	881,553	Open	11.7	253
12/10/2025	20:00:00	7.2	2.994	0.5	881,576	Open	12	255
12/10/2025	20:15:00	7.1	3.005	3.1	881,618	Open	11.9	255
12/10/2025	20:30:00	7.1	2.986	8.3	881,660	Open	12	255
12/10/2025	20:45:00	7.1	2.937	5.5	881,702	Open	12	255

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/10/2025	21:00:00	7.1	2.964	7	881,741	Open	12.1	255
12/10/2025	21:15:00	7.1	0.000	7.4	881,773	Closed	12.2	255
12/10/2025	21:30:00	7.1	3.085	5.5	881,805	Open	12.1	253
12/10/2025	21:45:00	7.1	3.024	7.8	881,846	Open	12	255
12/10/2025	22:00:00	7.1	3.092	8	881,887	Open	12	255
12/10/2025	22:15:00	7.1	3.089	8.9	881,929	Open	12	255
12/10/2025	22:30:00	7.2	0.000	199.9	881,962	Closed	12.1	256
12/10/2025	22:45:00	7.1	3.096	6.4	881,999	Open	11.9	256
12/10/2025	23:00:00	7.1	3.100	7.5	882,042	Open	12	257
12/10/2025	23:15:00	7.1	3.077	9.1	882,086	Open	12	257
12/10/2025	23:30:00	7.1	3.130	10.6	882,112	Open	12	257
12/10/2025	23:45:00	7.1	3.111	11	882,156	Open	12	257
12/11/2025	0:00:00	7.1	3.089	9.9	882,199	Open	12.1	257
12/11/2025	0:15:00	7.1	3.115	10	882,225	Open	12.2	256
12/11/2025	0:30:00	7.1	3.107	9.6	882,270	Open	12.2	256
12/11/2025	0:45:00	7.1	3.107	12.5	882,314	Open	12.3	255
12/11/2025	1:00:00	7.1	3.092	15.7	882,358	Open	12.4	255
12/11/2025	1:15:00	7.1	3.066	11.1	882,398	Open	12.6	255
12/11/2025	1:30:00	7.1	3.100	9.3	882,427	Open	12.5	255
12/11/2025	1:45:00	7.1	3.062	7.9	882,471	Open	12.5	255
12/11/2025	2:00:00	7.2	0.000	6	882,507	Closed	12.6	255
12/11/2025	2:15:00	7.1	3.096	9.1	882,540	Open	12.5	255
12/11/2025	2:30:00	7.1	3.066	7.3	882,583	Open	12.4	255
12/11/2025	2:45:00	7.1	2.949	1.5	882,623	Open	12.3	253
12/11/2025	3:00:00	7.1	2.971	2.1	882,650	Open	12.3	253

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/11/2025	3:15:00	7.1	2.956	3	882,692	Open	12.3	255
12/11/2025	3:30:00	7.2	0.000	2.6	882,728	Closed	12.4	255
12/11/2025	3:45:00	7.1	2.986	4.3	882,755	Open	12.3	255
12/11/2025	4:00:00	7.2	3.013	4.6	882,796	Open	12.3	257
12/11/2025	4:15:00	7.2	0.000	2.4	882,836	Closed	12.4	256
12/11/2025	4:30:00	7.1	3.028	3.9	882,866	Open	12.4	256
12/11/2025	4:45:00	7.1	2.960	7.9	882,909	Open	12.4	255
12/11/2025	5:00:00	7.1	3.024	10.8	882,951	Open	12.4	255
12/11/2025	5:15:00	7.2	2.986	17.4	882,991	Open	12.4	255
12/11/2025	5:30:00	7.1	2.983	7.8	883,032	Open	12.3	256
12/11/2025	5:45:00	7.2	0.000	6.2	883,069	Closed	12.4	256
12/11/2025	6:00:00	7.1	2.986	5.3	883,097	Open	12.3	255
12/11/2025	6:15:00	7.1	2.956	7.7	883,139	Open	12.2	257
12/11/2025	6:30:00	7.1	2.899	6.3	883,178	Open	12.2	257
12/11/2025	6:45:00	7.2	0.000	7.8	883,207	Closed	12.4	257
12/11/2025	7:00:00	7.1	3.054	7.9	883,244	Open	12.2	255
12/11/2025	7:15:00	7.1	3.024	10.3	883,287	Open	12.1	255
12/11/2025	7:30:00	7.1	3.077	6.8	883,310	Open	12.1	255
12/11/2025	7:45:00	7.1	3.039	10.1	883,353	Open	12	255
12/11/2025	8:00:00	7.1	0.212	9.4	883,393	Closed	12.1	255
12/11/2025	8:15:00	7.1	3.062	7	883,423	Open	12.1	257
12/11/2025	8:30:00	7.1	3.020	9.7	883,468	Open	12.2	257
12/11/2025	8:45:00	7.1	2.994	12.5	883,513	Open	12.2	255
12/11/2025	9:00:00	7.2	0.000	6.5	883,524	Closed	12.6	256
12/11/2025	9:30:00	7.1	2.774	3.2	883,575	Open	12.2	257



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/11/2025	9:45:00	7	2.778	5.2	883,614	Open	12.3	257
12/11/2025	10:00:00	7	2.774	5.1	883,652	Open	12.4	258
12/11/2025	10:15:00	7	3.206	6.5	883,693	Open	12.5	260
12/11/2025	10:30:00	7.1	0.261	19.3	883,709	Closed	12.7	261
12/11/2025	10:45:00	7	3.274	7.3	883,745	Open	12.6	257
12/11/2025	11:00:00	7	3.244	16.8	883,793	Open	12.6	261
12/11/2025	11:15:00	7.1	0.522	2.5	883,809	Open	12.8	261
12/11/2025	11:30:00	7.1	3.164	6.7	883,849	Open	13.9	262
12/11/2025	11:45:00	7.1	2.377	24.4	883,888	Closed	15.1	261
12/11/2025	12:00:00	7.1	3.115	9.2	883,930	Open	12.8	258
12/11/2025	12:15:00	7.1	2.994	7.6	883,967	Open	12.8	255
12/11/2025	12:30:00	7.2	2.986	17.4	883,985	Open	13.6	257
12/11/2025	12:45:00	7.1	2.441	11.2	884,027	Open	12.9	256
12/11/2025	13:00:00	7.1	3.047	7.8	884,071	Open	12.8	257
12/11/2025	13:15:00	7.2	3.062	9.6	884,099	Open	13	257
12/11/2025	13:30:00	7.2	3.028	9.4	884,145	Open	12.8	257
12/11/2025	13:45:00	7.2	2.419	11.8	884,183	Open	12.9	257
12/11/2025	14:00:00	7.2	3.172	7.9	884,209	Open	12.8	257
12/11/2025	14:15:00	7.1	3.160	15.1	884,257	Open	12.6	258
12/11/2025	14:30:00	7.2	2.328	13.1	884,300	Open	12.6	258
12/11/2025	14:45:00	7.3	0.163	11.2	884,315	Closed	12.9	258
12/11/2025	15:00:00	7.2	3.085	9	884,346	Open	12.4	258
12/11/2025	15:15:00	7.2	3.043	9.9	884,392	Open	12.2	258
12/11/2025	15:30:00	7.2	2.581	5.8	884,407	Open	12.2	260
12/11/2025	15:45:00	7.1	3.009	7.4	884,443	Open	12	259

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/11/2025	16:00:00	7.1	2.975	14.6	884,483	Open	12.1	260
12/11/2025	16:15:00	7.1	2.941	12.5	884,528	Open	12	260
12/11/2025	16:30:00	7.1	2.385	14.6	884,570	Open	12	260
12/11/2025	16:45:00	7.2	2.903	9.3	884,613	Open	12	260
12/11/2025	17:00:00	7.2	0.000	17.3	884,632	Closed	12.2	261
12/11/2025	17:15:00	7.2	1.949	10.3	884,646	Open	11.9	259
12/11/2025	17:30:00	7.2	2.949	9	884,666	Open	11.8	259
12/11/2025	17:45:00	7.2	2.233	18.3	884,701	Closed	11.8	260
12/11/2025	18:00:00	7.2	2.604	7.4	884,722	Open	11.8	258
12/11/2025	18:15:00	7.1	3.089	5.8	884,766	Open	11.6	260
12/11/2025	18:30:00	7.1	3.255	12.6	884,803	Open	11.7	260
12/11/2025	18:45:00	7.1	2.880	9.6	884,852	Open	11.6	260
12/11/2025	19:00:00	7.1	3.301	7	884,888	Open	11.7	260
12/11/2025	19:15:00	7.1	3.327	12.6	884,937	Open	11.6	261
12/11/2025	19:30:00	7.3	2.256	1.1	884,979	Open	11.7	261
12/11/2025	19:45:00	7.3	0.322	8.1	885,013	Open	11.7	260
12/11/2025	20:00:00	7.2	3.236	13.3	885,044	Open	11.6	258
12/11/2025	20:15:00	7.1	2.396	41.8	885,083	Closed	11.5	257
12/11/2025	20:30:00	7.1	3.096	6.3	885,129	Open	11.5	258
12/11/2025	20:45:00	7.2	3.232	11.9	885,172	Open	11.4	257
12/11/2025	21:00:00	7.2	3.259	21.2	885,212	Open	11.5	258
12/11/2025	21:15:00	7.2	3.244	28.7	885,258	Open	11.5	260
12/11/2025	21:30:00	7.2	0.291	12.2	885,273	Closed	11.9	258
12/11/2025	21:45:00	7.1	3.206	6.2	885,302	Open	11.6	257
12/11/2025	22:00:00	7.1	3.221	6.4	885,347	Open	11.6	257

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/11/2025	22:15:00	7.1	3.229	8.1	885,393	Open	11.6	257
12/11/2025	22:30:00	7.1	3.187	13.2	885,436	Open	11.7	257
12/11/2025	22:45:00	7.2	3.176	16.5	885,474	Open	11.7	257
12/11/2025	23:00:00	7.1	3.213	15.1	885,490	Open	11.8	257
12/11/2025	23:15:00	7.1	3.210	6.5	885,534	Open	11.7	257
12/11/2025	23:30:00	7.1	3.202	14.6	885,580	Open	11.9	255
12/11/2025	23:45:00	7.2	3.183	14.6	885,625	Open	12	255
12/12/2025	0:00:00	7.3	0.242	1.8	885,655	Closed	12.3	253
12/12/2025	0:15:00	7.2	3.202	4.2	885,687	Open	12.2	255
12/12/2025	0:30:00	7.2	3.210	4.8	885,732	Open	12.2	253
12/12/2025	0:45:00	7.2	3.202	11.7	885,776	Open	12.2	254
12/12/2025	1:00:00	7.2	3.210	9.5	885,819	Open	12.2	254
12/12/2025	1:15:00	7.2	3.111	12.7	885,831	Open	12.5	253
12/12/2025	1:30:00	7.1	3.149	5.5	885,874	Open	12.1	255
12/12/2025	1:45:00	7.1	3.312	7.9	885,917	Open	12.1	256
12/12/2025	2:00:00	7.2	3.282	3.3	885,963	Open	12	256
12/12/2025	2:15:00	7.2	3.145	16	885,978	Closed	12.4	256
12/12/2025	2:30:00	7.2	3.221	5.2	886,022	Open	12.1	257
12/12/2025	2:45:00	7.2	3.301	8.6	886,066	Open	12.1	257
12/12/2025	3:00:00	7.2	3.263	29.1	886,111	Open	12.1	257
12/12/2025	3:15:00	7.2	3.304	14.8	886,128	Open	12.1	255
12/12/2025	3:30:00	7.2	3.270	23.4	886,175	Open	12	256
12/12/2025	3:45:00	7.2	3.285	50.3	886,192	Open	12.4	256
12/12/2025	4:00:00	7.2	3.282	10	886,239	Open	12	256
12/12/2025	4:15:00	7.2	3.274	16.9	886,285	Open	12	254

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/12/2025	4:30:00	7.2	3.255	12	886,329	Open	12	254
12/12/2025	4:45:00	7.2	3.289	11.6	886,345	Open	12.1	257
12/12/2025	5:00:00	7.2	3.278	13.6	886,391	Open	12	257
12/12/2025	5:15:00	7.2	3.282	15.6	886,436	Open	12	257
12/12/2025	5:30:00	7.2	3.263	17.9	886,482	Open	12	256
12/12/2025	5:45:00	7.2	0.117	12.3	886,516	Closed	12.1	254
12/12/2025	6:00:00	7.2	3.274	7.1	886,541	Open	12	254
12/12/2025	6:15:00	7.1	3.263	8.6	886,585	Open	11.9	254
12/12/2025	6:30:00	7.2	3.244	11.6	886,628	Open	11.9	253
12/12/2025	6:45:00	7.2	0.204	14	886,648	Closed	12	255
12/12/2025	7:00:00	7.2	3.274	7.5	886,681	Open	11.7	253
12/12/2025	7:15:00	7.2	3.266	10.7	886,727	Open	11.6	254
12/12/2025	7:30:00	7.2	3.232	13.2	886,771	Open	11.7	257
12/12/2025	7:45:00	7.2	2.918	21.8	886,805	Closed	11.8	255
12/12/2025	8:00:00	7.3	0.958	5.3	886,805	Closed	12.2	255
12/12/2025	8:15:00	7.2	3.202	7.6	886,836	Open	11.8	254
12/12/2025	8:30:00	7.2	3.176	24.7	886,880	Open	11.7	253
12/12/2025	8:45:00	7.2	0.515	7.9	886,921	Open	11.9	256
12/12/2025	9:00:00	7.2	3.217	11.3	886,943	Open	11.8	257
12/12/2025	9:15:00	7.2	3.225	11	886,988	Open	11.7	258
12/12/2025	9:30:00	7.2	3.051	10.5	887,033	Open	11.8	258
12/12/2025	9:45:00	7.2	3.043	17.9	887,067	Open	11.8	259
12/12/2025	10:00:00	7.1	3.433	6.6	887,114	Open	11.8	261
12/12/2025	10:15:00	7.2	3.414	8.7	887,166	Open	11.8	261
12/12/2025	10:30:00	7.2	3.407	10.1	887,214	Open	11.9	260

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/12/2025	10:45:00	7.2	3.236	13.7	887,240	Open	12.2	259
12/12/2025	11:00:00	7.2	3.236	9.1	887,282	Open	12.1	261
12/12/2025	11:15:00	7.2	3.213	11.5	887,330	Open	12.1	260
12/12/2025	11:30:00	7.3	0.579	39.3	887,367	Closed	12.2	258
12/12/2025	11:45:00	7.3	3.251	13.4	887,383	Open	12.1	259
12/12/2025	12:00:00	7.3	0.625	25.5	887,407	Open	12.4	256
12/12/2025	12:15:00	7.3	3.232	24.5	887,443	Open	12.3	258
12/12/2025	12:30:00	7.3	1.658	6.1	887,474	Open	12.2	260
12/12/2025	12:45:00	7.3	2.528	10.7	887,513	Open	12.1	261
12/12/2025	13:00:00	7.4	3.251	6.3	887,554	Open	12	259
12/12/2025	13:15:00	7.3	3.236	6.9	887,603	Open	12.1	261
12/12/2025	13:30:00	7.3	3.210	8.1	887,651	Open	12.2	261
12/12/2025	13:45:00	7.3	2.835	8.7	887,671	Open	12.7	261
12/12/2025	14:00:00	7.3	3.255	3.9	887,712	Open	12.2	261
12/12/2025	14:15:00	7.3	3.213	7.5	887,761	Open	12.2	259
12/12/2025	14:30:00	7.3	3.248	7.6	887,787	Open	12.3	260
12/12/2025	14:45:00	7.3	0.636	18.4	887,831	Open	12.3	260
12/12/2025	15:00:00	7.3	1.101	34.4	887,853	Closed	12.2	261
12/12/2025	15:15:00	7.3	3.009	5.5	887,893	Open	11.9	259
12/12/2025	15:30:00	7.3	3.028	9.1	887,937	Open	12.1	259
12/12/2025	15:45:00	7.3	0.356	13.1	887,970	Open	12.3	261
12/12/2025	16:00:00	7.3	0.318	15.7	887,999	Closed	12.3	261
12/12/2025	16:15:00	7.3	3.123	4.2	888,030	Open	12.1	259
12/12/2025	16:30:00	7.3	3.433	5.3	888,081	Open	12	259
12/12/2025	16:45:00	7.2	3.422	5.5	888,132	Open	12	259

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/12/2025	17:00:00	7.3	0.299	4.5	888,172	Closed	12.2	259
12/12/2025	17:15:00	7.2	3.505	7.2	888,216	Open	12	259
12/12/2025	17:30:00	7.3	3.429	9	888,244	Open	12.3	259
12/12/2025	17:45:00	7.3	0.314	10.7	888,277	Closed	12.3	261
12/12/2025	18:00:00	7.3	3.429	9.6	888,311	Open	11.8	261
12/12/2025	18:15:00	7.2	3.395	11.3	888,362	Open	12	261
12/12/2025	18:30:00	7.2	3.270	11	888,389	Open	12	261
12/12/2025	18:45:00	7.2	0.000	8.1	888,432	Closed	12.1	261
12/12/2025	19:00:00	7.2	0.136	11.9	888,465	Closed	12.1	261
12/12/2025	19:15:00	7.2	3.531	17.5	888,493	Open	12.1	261
12/12/2025	19:30:00	7.2	3.274	4.8	888,517	Open	12.1	257
12/12/2025	19:45:00	7.2	3.251	7	888,563	Open	11.9	259
12/12/2025	20:00:00	7.2	3.266	6.4	888,590	Open	11.9	259
12/12/2025	20:15:00	7.2	3.240	7.1	888,636	Open	11.9	257
12/12/2025	20:30:00	7.2	3.248	8	888,664	Open	11.9	257
12/12/2025	20:45:00	7.2	1.972	7.9	888,710	Open	11.9	256
12/12/2025	21:00:00	7.2	3.259	9.6	888,738	Open	11.9	255
12/12/2025	21:15:00	7.2	0.606	13.6	888,783	Closed	11.9	255
12/12/2025	21:30:00	7.2	3.255	9.1	888,812	Open	11.8	256
12/12/2025	21:45:00	7.2	3.206	12.1	888,858	Open	11.8	256
12/12/2025	22:00:00	7.2	3.229	6.8	888,894	Open	11.8	254
12/12/2025	22:15:00	7.2	3.259	5.7	888,926	Open	11.8	257
12/12/2025	22:30:00	7.2	3.251	6.5	888,971	Open	11.8	257
12/12/2025	22:45:00	7.2	3.244	7.5	889,017	Open	11.8	257
12/12/2025	23:00:00	7.2	3.232	10.5	889,062	Open	11.8	257

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/12/2025	23:15:00	7.2	3.149	8.2	889,089	Open	11.8	257
12/12/2025	23:30:00	7.2	3.145	11	889,132	Open	11.9	259
12/12/2025	23:45:00	7.2	3.149	16.1	889,177	Open	11.9	259
12/13/2025	0:00:00	7.2	3.149	13.4	889,220	Open	11.9	257
12/13/2025	0:15:00	7.2	3.149	14.3	889,264	Open	11.8	256
12/13/2025	0:30:00	7.2	3.176	14.9	889,288	Open	11.9	257
12/13/2025	0:45:00	7.1	3.187	10.6	889,331	Open	11.7	258
12/13/2025	1:00:00	7.1	3.176	15.9	889,375	Open	11.6	258
12/13/2025	1:15:00	7.1	3.168	12.4	889,419	Open	11.7	259
12/13/2025	1:30:00	7.1	3.164	13.4	889,463	Open	11.7	259
12/13/2025	1:45:00	7.1	3.153	14.1	889,508	Open	11.8	259
12/13/2025	2:00:00	7.1	3.183	13.7	889,535	Open	11.8	259
12/13/2025	2:15:00	7.1	3.168	10.8	889,579	Open	11.8	259
12/13/2025	2:30:00	7.1	3.206	7.1	889,620	Open	11.9	259
12/13/2025	2:45:00	7.1	3.179	8.5	889,664	Open	11.9	259
12/13/2025	3:00:00	7.1	3.176	10.6	889,708	Open	11.8	259
12/13/2025	3:15:00	7.1	3.202	10.3	889,736	Open	11.9	261
12/13/2025	3:30:00	7.1	3.202	15.5	889,781	Open	11.9	261
12/13/2025	3:45:00	7.1	3.179	10.8	889,826	Open	12	260
12/13/2025	4:00:00	7.1	3.210	11.8	889,858	Open	12.2	257
12/13/2025	4:15:00	7.1	3.202	17.2	889,903	Open	12.2	258
12/13/2025	4:30:00	7	3.198	8.1	889,947	Open	12.2	257
12/13/2025	4:45:00	7.1	0.450	10.3	889,983	Open	12.4	255
12/13/2025	5:00:00	7	3.198	8.2	890,021	Open	12.2	258
12/13/2025	5:15:00	7	0.961	5.5	890,065	Open	12.2	258

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/13/2025	5:30:00	7	3.191	6.5	890,091	Open	12.2	258
12/13/2025	5:45:00	7.1	3.206	9.4	890,117	Open	12.2	261
12/13/2025	6:00:00	7.1	3.191	11.4	890,161	Open	12	259
12/13/2025	6:15:00	7.1	3.191	9	890,206	Open	11.8	258
12/13/2025	6:30:00	7.1	3.202	12.2	890,240	Open	11.7	258
12/13/2025	6:45:00	7.1	3.066	15.1	890,284	Open	11.7	258
12/13/2025	7:15:00	7	3.089	12.8	890,356	Open	11.6	260
12/13/2025	7:30:00	7	3.081	14.5	890,389	Open	11.6	260
12/13/2025	7:45:00	7	3.285	20.2	890,414	Closed	11.7	258
12/13/2025	8:00:00	7	3.172	7.7	890,439	Open	11.6	261
12/13/2025	8:15:00	7.1	3.168	10.2	890,484	Open	11.6	260
12/13/2025	8:30:00	7.1	0.712	11.9	890,507	Closed	11.6	260
12/13/2025	9:00:00	7.1	2.986	17.5	890,547	Open	11.6	262
12/13/2025	9:15:00	7.1	3.232	14.2	890,567	Open	11.6	262
12/13/2025	9:30:00	7.1	3.278	7.5	890,598	Open	11.6	262
12/13/2025	9:45:00	7.1	0.216	5.1	890,630	Closed	11.7	262
12/13/2025	10:00:00	7.1	3.236	7.3	890,673	Open	11.5	262
12/13/2025	10:15:00	7.1	3.365	6.5	890,718	Open	11.5	262
12/13/2025	10:30:00	7.1	0.102	2.6	890,759	Closed	11.6	262
12/13/2025	10:45:00	7.1	0.273	10.9	890,785	Closed	11.6	264
12/13/2025	11:00:00	7.1	3.301	7.5	890,805	Open	11.6	265
12/13/2025	11:15:00	7.1	3.429	10.4	890,851	Open	11.7	266
12/13/2025	11:30:00	7.1	3.251	14.2	890,898	Open	11.7	266
12/13/2025	11:45:00	7.1	3.255	16.6	890,944	Open	11.8	265
12/13/2025	12:00:00	7.1	0.295	13.1	890,989	Closed	11.8	265

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/13/2025	12:15:00	7.1	2.691	11.1	891,017	Open	11.8	266
12/13/2025	12:30:00	7.1	3.270	7.3	891,047	Open	11.8	266
12/13/2025	12:45:00	7.1	0.276	12.8	891,090	Closed	11.9	265
12/13/2025	13:00:00	7.1	0.204	5.5	891,114	Closed	12.1	265
12/13/2025	13:15:00	7.1	3.531	14.1	891,154	Open	12.1	263
12/13/2025	13:30:00	7.1	3.263	9.5	891,200	Open	12.1	262
12/13/2025	13:45:00	7.1	2.846	10.7	891,247	Open	12	263
12/13/2025	14:00:00	7.1	3.361	13.2	891,276	Open	12	263
12/13/2025	14:15:00	7.1	3.126	9.3	891,323	Open	12	264
12/13/2025	14:30:00	7.1	3.380	7.4	891,354	Open	12.1	264
12/13/2025	14:45:00	7.1	3.198	2.5	891,401	Open	12.1	264
12/13/2025	15:00:00	7.1	3.278	4.5	891,426	Open	12.3	266
12/13/2025	15:15:00	7.1	3.289	23	891,473	Open	12.2	266
12/13/2025	15:30:00	7.1	3.274	4	891,519	Open	12.1	266
12/13/2025	15:45:00	7.1	3.191	3.6	891,566	Open	12.2	264
12/13/2025	16:00:00	7.1	3.293	3.8	891,597	Open	12.3	264
12/13/2025	16:15:00	7.1	3.259	3.1	891,644	Open	12.3	264
12/13/2025	16:30:00	7.1	3.293	3.7	891,686	Open	12.2	266
12/13/2025	16:45:00	7.1	0.159	3.8	891,723	Closed	12.3	264
12/13/2025	17:00:00	7.2	3.285	6.2	891,759	Open	12.2	262
12/13/2025	17:15:00	7.1	0.155	4.5	891,804	Closed	12.1	262
12/13/2025	17:30:00	7.1	3.433	6.8	891,834	Open	12.1	264
12/13/2025	17:45:00	7.1	3.229	7.5	891,882	Open	12.1	266
12/13/2025	18:00:00	7.1	2.574	6	891,908	Open	12.2	264
12/13/2025	18:15:00	7.1	3.425	8.3	891,938	Open	12.2	263

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/13/2025	18:30:00	7.1	3.263	6.7	891,984	Open	12.2	263
12/13/2025	18:45:00	7.1	3.274	6.8	892,016	Open	12.3	265
12/13/2025	19:00:00	7.1	3.251	8.1	892,058	Open	12.2	263
12/13/2025	19:15:00	7.1	2.403	6	892,081	Open	12.2	263
12/13/2025	19:30:00	7.1	3.013	7.4	892,102	Open	12.3	262
12/13/2025	19:45:00	7.2	2.661	6.4	892,149	Open	12.2	262
12/13/2025	20:00:00	7.1	3.323	8.3	892,196	Open	12.2	262
12/13/2025	20:15:00	7.1	2.608	4.8	892,243	Open	12.3	262
12/13/2025	20:30:00	7.1	3.297	11.8	892,290	Open	12.2	260
12/13/2025	20:45:00	7.1	2.990	10.7	892,320	Closed	12.4	262
12/13/2025	21:00:00	7.1	3.187	10.8	892,365	Open	12.3	262
12/13/2025	21:15:00	7.1	3.210	11.3	892,397	Open	12.3	261
12/13/2025	21:30:00	7.1	3.187	13.1	892,440	Open	12.3	261
12/13/2025	21:45:00	7.1	3.206	12	892,470	Open	12.4	261
12/13/2025	22:00:00	7.1	3.191	13.7	892,513	Open	12.4	261
12/13/2025	22:15:00	7.1	2.914	13.1	892,542	Closed	12.6	260
12/13/2025	22:30:00	7.1	3.198	14.7	892,586	Open	12.3	260
12/13/2025	22:45:00	7.1	3.206	15.6	892,616	Open	12.5	259
12/13/2025	23:00:00	7.1	3.183	5	892,660	Open	12.3	260
12/13/2025	23:15:00	7.1	0.454	2.9	892,702	Closed	12.4	260
12/13/2025	23:30:00	7.1	3.195	5	892,741	Open	12.4	260
12/13/2025	23:45:00	7.1	3.187	3.2	892,754	Open	12.6	260
12/14/2025	0:00:00	7.1	3.195	7.7	892,803	Open	12.4	258
12/14/2025	0:15:00	7.1	0.125	9.9	892,835	Closed	12.5	258
12/14/2025	0:30:00	7.1	3.195	8.6	892,869	Open	12.3	261



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/14/2025	0:45:00	7.1	3.221	10.4	892,897	Open	12.6	260
12/14/2025	1:00:00	7.1	3.202	5	892,940	Open	12.4	260
12/14/2025	1:15:00	7.1	3.187	4.4	892,984	Open	12.5	257
12/14/2025	1:30:00	7.1	3.213	6.3	893,018	Open	12.4	257
12/14/2025	1:45:00	7.1	3.183	6.9	893,063	Open	12.4	260
12/14/2025	2:00:00	7.1	0.000	4.9	893,103	Closed	12.4	261
12/14/2025	2:15:00	7.1	3.206	6.7	893,136	Open	12.5	261
12/14/2025	2:30:00	7.1	0.000	9.7	893,176	Closed	12.6	261
12/14/2025	2:45:00	7.1	3.354	9.3	893,212	Open	12.5	261
12/14/2025	3:00:00	7.1	3.240	10.7	893,255	Open	12.6	261
12/14/2025	3:15:00	7.1	3.221	9.4	893,301	Open	12.6	260
12/14/2025	3:30:00	7.1	3.210	11.8	893,343	Open	12.6	261
12/14/2025	3:45:00	7.1	3.191	8.6	893,389	Open	12.7	260
12/14/2025	4:00:00	7.1	3.221	9.7	893,417	Open	12.7	261
12/14/2025	4:15:00	7.2	3.198	9.2	893,462	Open	12.7	260
12/14/2025	4:30:00	7.2	3.236	10.1	893,490	Open	12.7	262
12/14/2025	4:45:00	7.2	3.202	10.2	893,535	Open	12.6	262
12/14/2025	5:00:00	7.2	0.000	8.3	893,565	Closed	12.8	262
12/14/2025	5:15:00	7.1	3.229	7.8	893,604	Open	12.5	260
12/14/2025	5:30:00	7.1	0.000	6.8	893,644	Closed	12.5	260
12/14/2025	5:45:00	7.1	3.857	5.1	893,676	Open	12.3	261
12/14/2025	6:00:00	7.1	3.388	9	893,721	Open	12.3	261
12/14/2025	6:15:00	7.1	3.350	9.2	893,766	Open	12.2	261
12/14/2025	6:30:00	7.1	3.369	9.6	893,797	Open	12.3	260
12/14/2025	6:45:00	7.1	3.179	11.8	893,842	Open	12.2	261

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
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Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/14/2025	7:00:00	7.1	3.179	5.1	893,886	Open	12.1	261
12/14/2025	7:15:00	7.1	3.157	6.1	893,930	Open	12.1	259
12/14/2025	7:30:00	7.1	2.812	0	893,957	Closed	12.1	261
12/14/2025	7:45:00	7.1	3.206	7	894,000	Open	12.1	261
12/14/2025	8:00:00	7.1	3.202	5.3	894,042	Open	12.1	261
12/14/2025	8:15:00	7.1	3.191	6.2	894,081	Open	12.2	261
12/14/2025	8:30:00	7.1	3.293	9.3	894,108	Open	12.2	261
12/14/2025	8:45:00	7.1	3.365	9.7	894,153	Open	12.2	261
12/14/2025	9:00:00	7.1	3.202	7.5	894,198	Open	12.2	258
12/14/2025	9:15:00	7.1	3.232	7.3	894,243	Open	12.2	257
12/14/2025	9:30:00	7.2	3.308	8.9	894,288	Open	12.2	257
12/14/2025	9:45:00	7.1	0.295	11.8	894,326	Closed	12.2	257
12/14/2025	10:00:00	7.1	3.195	5.4	894,359	Open	12.1	257
12/14/2025	10:15:00	7.1	3.338	6.1	894,404	Open	12.2	257
12/14/2025	10:30:00	7.1	3.213	5.3	894,447	Open	12.3	257
12/14/2025	10:45:00	7.1	3.263	4.5	894,478	Open	12.4	257
12/14/2025	11:00:00	7.1	3.251	6.7	894,523	Open	12.5	256
12/14/2025	11:15:00	7.1	3.232	6.4	894,569	Open	12.5	257
12/14/2025	11:30:00	7.1	3.259	5.2	894,597	Open	12.5	257
12/14/2025	11:45:00	7.1	3.172	5.8	894,643	Open	12.5	257
12/14/2025	12:00:00	7.1	3.229	5.5	894,688	Open	12.5	257
12/14/2025	12:15:00	7.1	2.918	5.5	894,735	Open	12.5	257
12/14/2025	12:30:00	7.1	3.251	4.2	894,759	Open	12.6	257
12/14/2025	12:45:00	7.1	3.255	6	894,800	Open	12.5	257
12/14/2025	13:00:00	7.1	3.240	4.3	894,836	Open	12.5	257

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/14/2025	13:15:00	7	0.799	6.9	894,885	Closed	12.4	258
12/14/2025	13:30:00	7	2.733	11.5	894,913	Open	12.3	256
12/14/2025	13:45:00	7	3.232	11.1	894,955	Open	12.3	257
12/14/2025	14:00:00	7	2.494	5.6	895,002	Open	12.2	257
12/14/2025	14:15:00	7	3.301	11.6	895,033	Open	12.3	261
12/14/2025	14:30:00	7	3.255	11.5	895,075	Open	12.2	259
12/14/2025	14:45:00	7	3.395	11.1	895,124	Open	12.2	259
12/14/2025	15:00:00	7	3.236	8.7	895,173	Open	12.2	258
12/14/2025	15:15:00	7	3.198	11	895,221	Open	12.5	260
12/14/2025	15:30:00	7	2.434	9.4	895,259	Open	12.6	258
12/14/2025	15:45:00	7	3.130	14.7	895,290	Open	12.6	258
12/14/2025	16:00:00	7.1	2.392	12.7	895,318	Open	12.7	260
12/14/2025	16:15:00	7	2.990	8.3	895,349	Closed	13	257
12/14/2025	16:30:00	7	3.278	10	895,399	Open	12.6	257
12/14/2025	16:45:00	7	3.251	6.5	895,438	Open	12.8	259
12/14/2025	17:00:00	7	3.248	4.7	895,487	Open	12.7	264
12/14/2025	17:15:00	7	3.176	4.5	895,531	Open	12.6	263
12/14/2025	17:30:00	7	3.172	4.9	895,575	Open	12.8	262
12/14/2025	17:45:00	7	3.176	6.1	895,623	Open	12.7	262
12/14/2025	18:00:00	7	2.536	7.8	895,671	Open	12.7	264
12/14/2025	18:15:00	7	3.327	9.2	895,717	Open	12.6	263
12/14/2025	18:30:00	7	2.475	7.5	895,759	Open	12.7	261
12/14/2025	18:45:00	7.1	3.195	9.5	895,791	Open	12.5	259
12/14/2025	19:00:00	7.1	2.491	9.1	895,832	Open	12.7	258
12/14/2025	19:15:00	7.1	3.342	10	895,858	Open	12.8	258



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

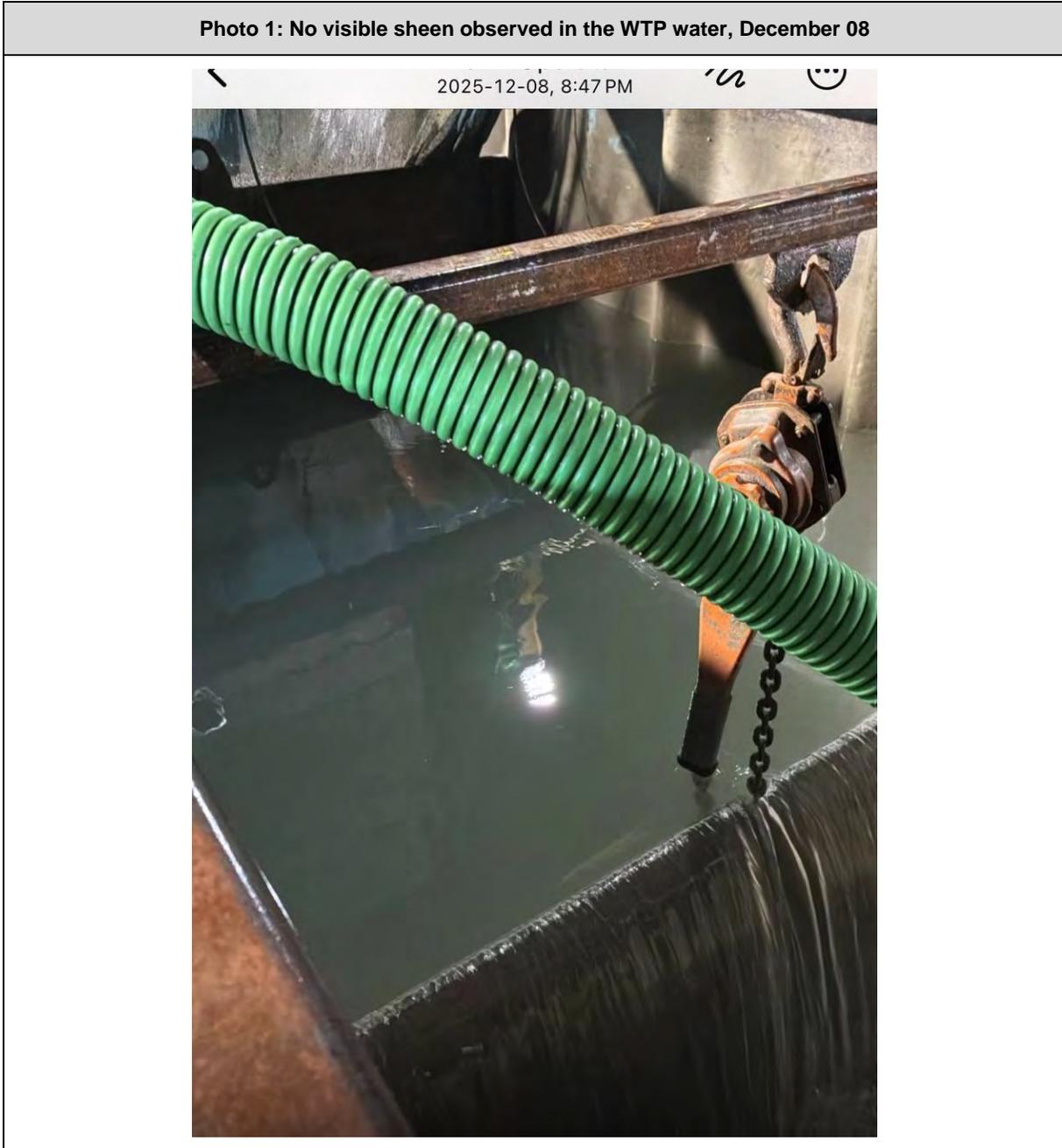
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by: Approved by: Date:	SD BC2 December 23, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
12/14/2025	19:30:00	7.1	2.532	9.4	895,901	Open	12.7	258
12/14/2025	19:45:00	7.1	3.149	9.4	895,946	Open	12.7	260
12/14/2025	20:00:00	7.1	2.509	6.1	895,975	Open	12.5	258
12/14/2025	20:15:00	7.1	3.164	6.2	896,019	Open	12.3	260
12/14/2025	20:30:00	7.1	2.650	7.9	896,065	Open	12.1	260
12/14/2025	20:45:00	7.1	3.191	7.6	896,110	Open	12	257
12/14/2025	21:00:00	7	2.475	5.7	896,153	Open	12	259
12/14/2025	21:15:00	7	3.176	8.2	896,198	Open	11.9	259
12/14/2025	21:30:00	7.1	2.475	4.4	896,242	Open	12	259
12/14/2025	21:45:00	7.1	3.191	8.9	896,274	Open	12.1	257
12/14/2025	22:00:00	7.1	2.494	6.5	896,316	Open	12.1	259
12/14/2025	22:15:00	7.1	3.157	8.9	896,361	Open	12.1	257
12/14/2025	22:30:00	7.1	2.381	6.5	896,387	Open	12.3	259
12/14/2025	22:45:00	7	3.187	10	896,432	Open	12.1	257
12/14/2025	23:00:00	7.1	2.661	10.8	896,475	Open	12	259
12/14/2025	23:15:00	7.1	3.187	13.8	896,521	Open	12	259
12/14/2025	23:30:00	7	2.525	11.7	896,563	Open	12.1	261
12/14/2025	23:45:00	7	3.179	14.9	896,608	Open	12.1	257

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	December 23, 2025

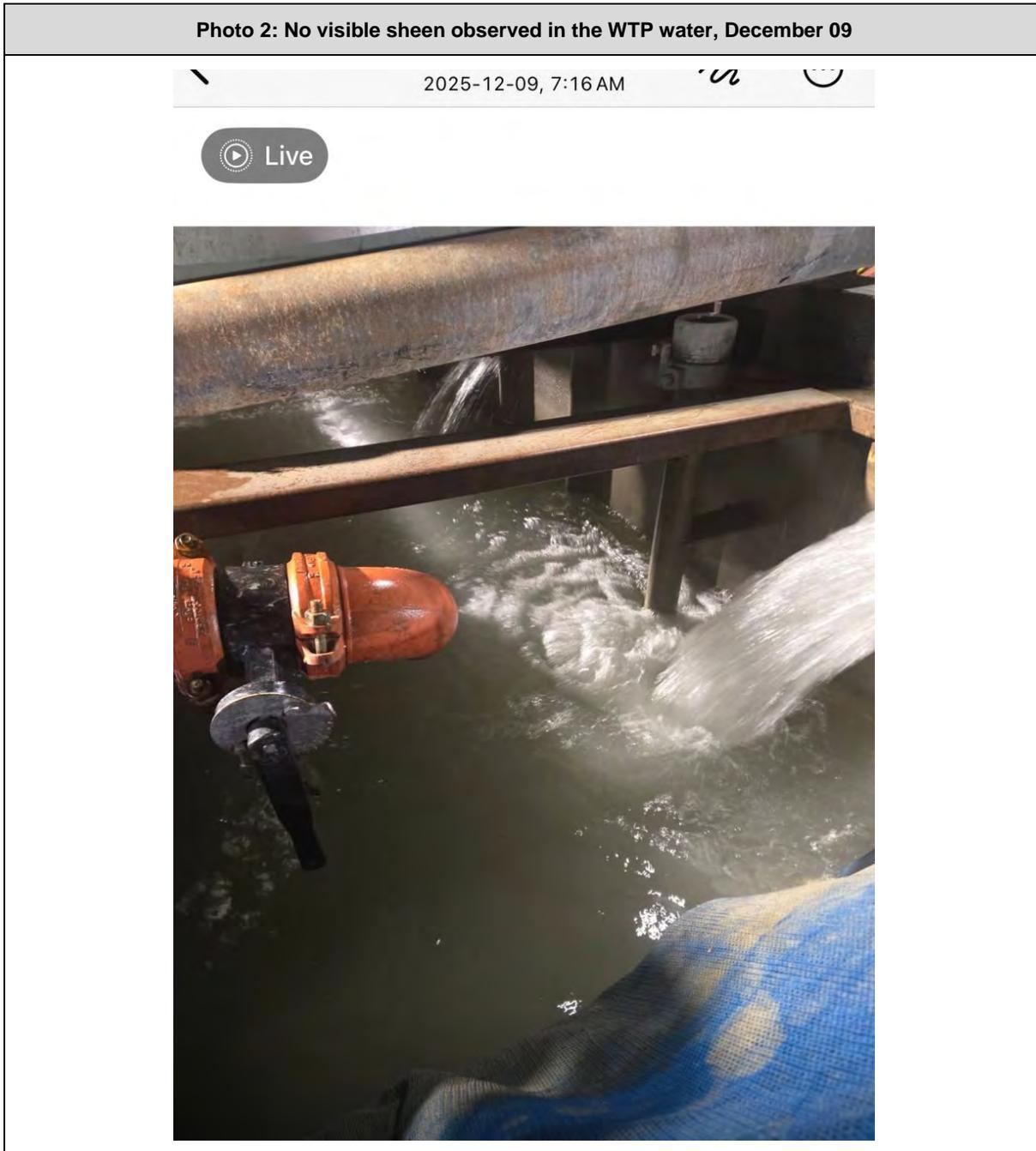
Appendix B: Photo

Photo 1: No visible sheen observed in the WTP water, December 08



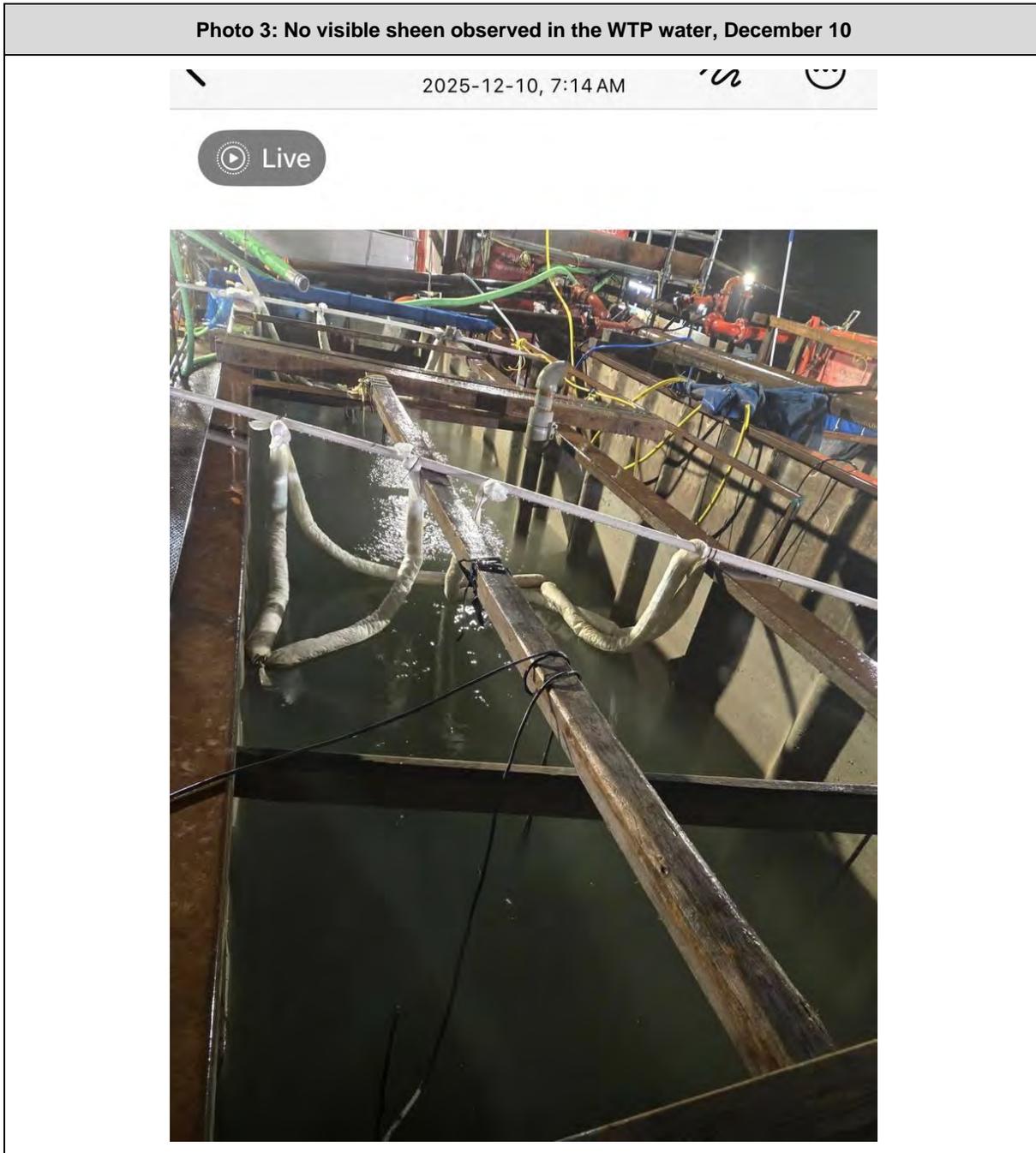
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	December 23, 2025

Photo 2: No visible sheen observed in the WTP water, December 09



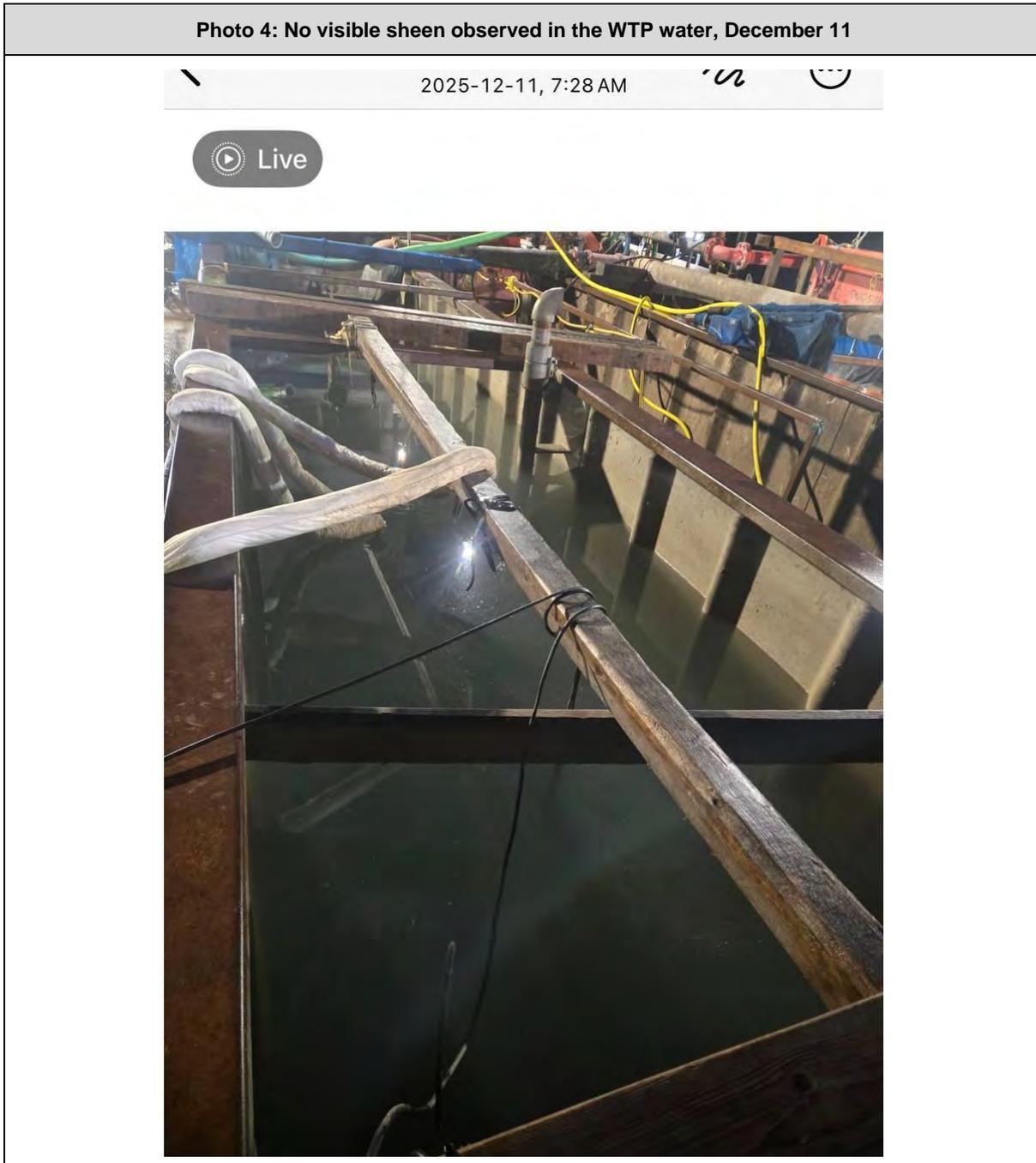
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	December 23, 2025

Photo 3: No visible sheen observed in the WTP water, December 10



Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	December 23, 2025

Photo 4: No visible sheen observed in the WTP water, December 11



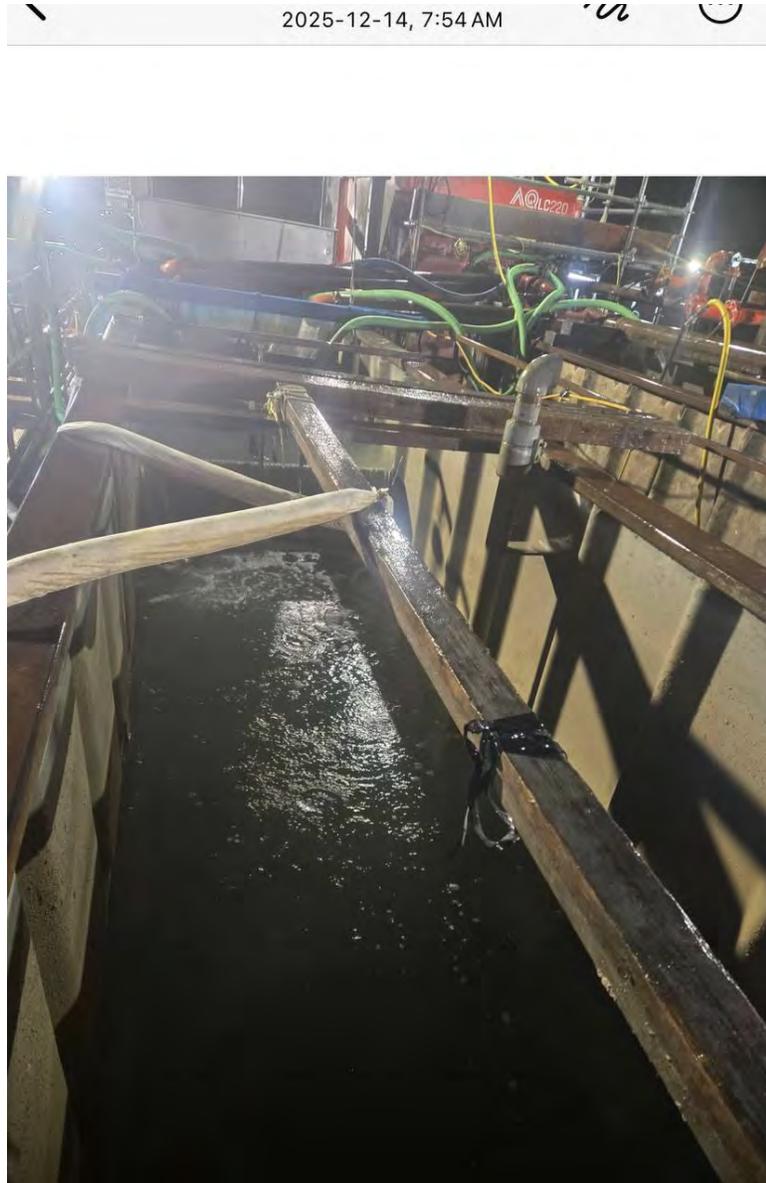
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	December 23, 2025

Photo 5: No visible sheen observed in the WTP water, December 12



Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	December 08 ,2025 to December 14, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	December 23, 2025

Photo 6: No visible sheen observed in the WTP water, December 14



Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG EOP Date: December 9, 2025
Site Name: East Creek Time: 9:26
Crew: WS
Weather: Clear

In Situ Parameters

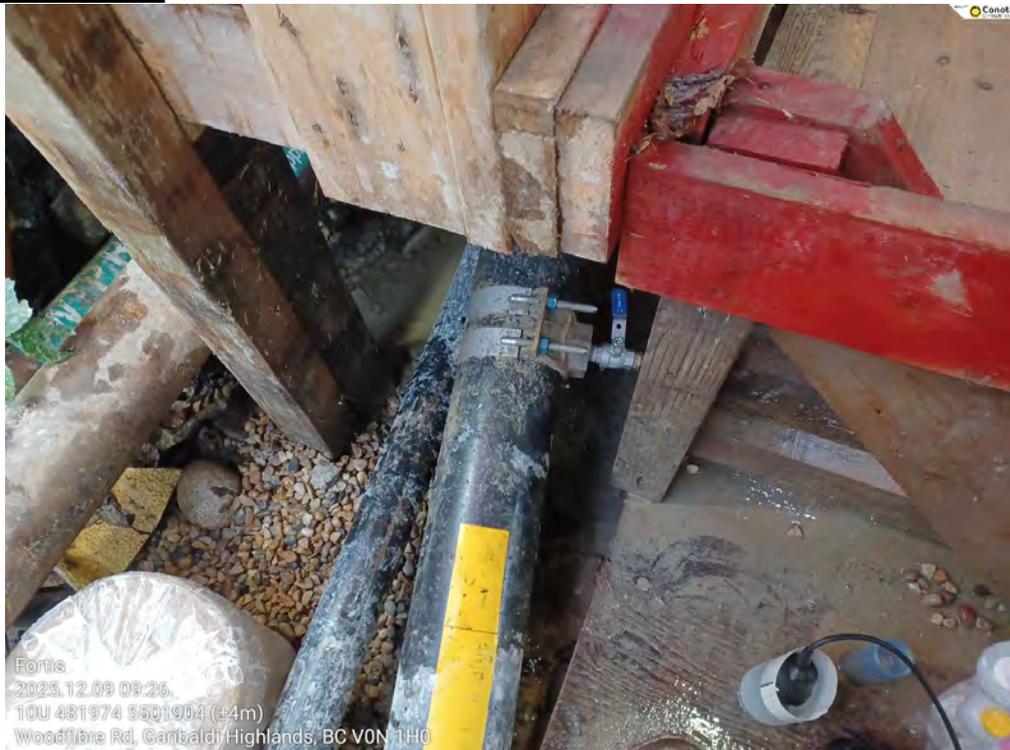
pH: 6.47 DO: 8.56 (mg/L)
Temp.: 10.5 (°C) Cond: 206.3 (us)
Turbidity: 5.55 NTU Salinity: - (ppt)
ORP: - (mV)

Visible Sheen: NA

Water Surface Condition: Clear

Photo Record

Photo



Observations

Duplicate taken

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Dec 8 th to Dec 14 th , 2025
	Report #	90
	Appendix D	D-1

Appendix D: Woodfibre Site Receiving Environment Documentation

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Dec 8 th to Dec 14 th , 2025
	Report #	90
	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 - Long Term Average	BC Approved Water Quality - Short Term Max	BC Working Water Quality - Long Term Average	WLNG US 2025-12-09 09:05:00	WLNG DS 2025-12-09 09:45:00
In situ Parameters									
Field pH	pH Units		6.5 - 9			7 - 8.7		6.24	6.68
Field Temperature	°C	18	19					7.6	8.6
General Parameters									
pH	pH Units							6.2	6.19
Alkalinity (Total as CaCO ₃)	mg/L							6	5.4
Alkalinity (PP as CaCO ₃)	mg/L							<1	<1
Hardness (CaCO ₃)-Total	mg/L							6.91	6.71
Hardness (CaCO ₃)-Dissolved	mg/L							7.75	7.4
Sulphide-Total	mg/L							<0.0018	<0.0018
Sulphide (as H ₂ S)	mg/L			0.002				<0.002	<0.002
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.86	24.1		29	191		<0.015	<0.015
Bicarbonate (HCO ₃)	mg/L							7.3	6.5
Carbonate (CO ₃)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.115	0.07
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.115	0.07
Nitrogen (N)-Total	mg/L							0.199	0.133
Phosphorus (P)-Total (4500-P)	mg/L							0.092	0.047
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	<1
Fluoride (F)	mg/L		0.4			1.5		<0.05	<0.05
Sulphate (SO ₄)-Dissolved	mg/L	128						<1	<1

¹ Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

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

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

⁴ **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 - Long Term Average	BC Approved Water Quality - Short Term Max	BC Working Water Quality - Long Term Average	WLNG US 2025-12-09 09:05:00	WLNG DS 2025-12-09 09:45:00
Total Metals									
Aluminum (Al)-Total	mg/L	0.0275						0.123	0.122
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000034	0.000032
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000184	0.000142
Barium (Ba)-Total	mg/L			1				0.00291	0.00293
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00001	<0.00001
Bismuth (Bi)-Total	mg/L							<0.00001	<0.00001
Boron (B)-Total	mg/L	1.2			1.2			<0.01	<0.01
Cadmium (Cd)-Total	mg/L						0.00012	0.0000064	0.0000061
Calcium (Ca)-Total	mg/L							2.22	2.25
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							<0.0001	0.00025
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						0.000051	0.00005
Copper (Cu)-Total	mg/L				0.002	0.003		0.00201	0.00101
Iron (Fe)-Total	mg/L		1					0.0584	0.0599
Lead (Pb)-Total	mg/L				0.002	0.14		0.00005	0.000045
Lithium (Li)-Total	mg/L							<0.0005	<0.0005
Magnesium (Mg)-Total	mg/L							0.33	0.27
Manganese (Mn)-Total	mg/L	0.635	0.614				0.1	0.00188	0.00239
Mercury (Hg)-Total	mg/L	0.00002			0.00002			0.0000033	0.0000032
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000408	0.000802
Nickel (Ni)-Total	mg/L						0.0083	0.00035	0.00045
Phosphorus (P)-Total (ICPMS)	mg/L							0.0678	0.0378
Potassium (K)-Total	mg/L							<0.25	<0.25
Rubidium (Rb)-Total	mg/L							0.000241	0.000264
Selenium (Se)-Total	mg/L	0.002			0.002			<0.00004	<0.00004
Silicon (Si)-Total	mg/L							3.06	3.02
Silver (Ag)-Total	mg/L	0.00012			0.0005	0.0037	0.0005	<0.00001	0.000031
Sodium (Na)-Total	mg/L							1.11	1.07
Strontium (Sr)-Total	mg/L							0.00938	0.00837
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.0000021	0.0000022
Thorium (Th)-Total	mg/L							<0.00005	<0.00005
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							<0.002	<0.002
Uranium (U)-Total	mg/L		0.0165	0.0075				0.000118	0.000166
Vanadium (V)-Total	mg/L			0.06			0.005	<0.0002	<0.0002
Zinc (Zn)-Total	mg/L				0.01	0.055		0.0018	0.0025
Zirconium (Zr)-Total	mg/L							<0.0001	<0.0001

¹ Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

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

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

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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 - Long Term Average	BC Approved Water Quality - Short Term Max	BC Working Water Quality - Long Term Average	WLNQ US 2025-12-09 09:05:00	WLNQ DS 2025-12-09 09:45:00
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.1	0.0809
Antimony (Sb)-Dissolved	mg/L							0.000032	0.000032
Arsenic (As)-Dissolved	mg/L							0.000212	0.000171
Barium (Ba)-Dissolved	mg/L							0.00288	0.00274
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					0.0000074	<0.000005
Calcium (Ca)-Dissolved	mg/L							2.5	2.5
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						0.0000438	0.0000273
Copper (Cu)-Dissolved	mg/L	0.0002	0.00035					0.00121	0.000814
Iron (Fe)-Dissolved	mg/L		0.35					0.0237	0.0162
Lead (Pb)-Dissolved	mg/L	0.001935						0.0000164	0.0000102
Lithium (Li)-Dissolved	mg/L							<0.0005	<0.0005
Manganese (Mn)-Dissolved	mg/L							0.000999	0.00112
Magnesium (Mg)-Dissolved	mg/L							0.365	0.284
Mercury (Hg)-Dissolved	mg/L							0.0000033	0.0000028
Molybdenum (Mo)-Dissolved	mg/L							0.000496	0.00096
Nickel (Ni)-Dissolved	mg/L	0.0007	0.0107					0.000361	0.000308
Phosphorus (P)-Dissolved	mg/L							0.0783	0.0367
Potassium (K)-Dissolved	mg/L							0.219	0.18
Rubidium (Rb)-Dissolved	mg/L							0.000257	0.000282
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							3.46	3.12
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.27	1.1
Strontium (Sr)-Dissolved	mg/L			1.25				0.0101	0.00879
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							0.0000021	<0.000002
Thorium (Th)-Dissolved	mg/L							0.0000159	<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							0.000121	0.000122
Vanadium (V)-Dissolved	mg/L							<0.0002	0.00021
Zinc (Zn)-Dissolved	mg/L	0.006479	0.00956					0.00127	0.00196
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001

¹ Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

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

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⁴ **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).

<i>Analyte</i>	<i>Unit</i>	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 - Long Term Average	BC Approved Water Quality - Short Term Max	BC Working Water Quality - Long Term Average	WLNG US 2025-12-09 09:05:00	WLNG DS 2025-12-09 09:45:00
Inorganics									
Organic Carbon (C)-Total	mg/L							3.3	2.9
Organic Carbon (C)-Dissolved	mg/L							3.2	2.7
Solids-Total Dissolved	mg/L							40	36
Solids-Total Suspended	mg/L	6	26					<1	3.6

¹ Guideline calculated using the in-situ measurements (pH (field), Temperature (field), Turbidity (field), Hardness (as CaCO₃) – total, Dissolved Organic Carbon (DOC), Total Alkalinity (CaCO₃), and Chloride).

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

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⁴ **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).



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

Reporting Week	Dec 8 th to Dec 14 th , 2025
Report #	90
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	2025-12-08 00:00:00	8.874	70.212	0.419	7.350	11.133	7.187	0.032
EAS-DS	2025-12-08 01:00:00	9.125	75.128	0.412	7.590	10.888	11.386	0.034
EAS-DS	2025-12-08 02:00:00	9.125	76.073	0.413	7.596	11.010	14.477	0.035
EAS-DS	2025-12-08 03:00:00	9.128	78.326	0.414	7.608	10.808	12.710	0.036
EAS-DS	2025-12-08 04:00:00	8.339	30.688	0.413	7.386	10.932	10.002	0.013
EAS-DS	2025-12-08 05:00:00	8.557	62.053	0.416	7.303	11.032	13.747	0.028
EAS-DS	2025-12-08 06:00:00	8.800	77.159	0.413	7.605	11.026	29.588	0.035
EAS-DS	2025-12-08 07:00:00	8.727	81.040	0.409	7.650	10.994	23.126	0.037
EAS-DS	2025-12-08 08:00:00	8.742	72.348	0.411	7.623	11.048	16.728	0.033
EAS-DS	2025-12-08 09:00:00	8.771	70.818	0.412	7.579	10.934	22.835	0.032
EAS-DS	2025-12-08 10:00:00	8.808	67.175	0.417	7.535	11.016	16.510	0.031
EAS-DS	2025-12-08 11:00:00	8.517	51.121	0.421	7.332	11.017	17.594	0.023
EAS-DS	2025-12-08 12:00:00	8.689	58.671	0.416	7.512	11.052	19.192	0.026
EAS-DS	2025-12-08 13:00:00	8.688	55.449	0.417	7.415	11.103	14.756	0.025
EAS-DS	2025-12-08 14:00:00	8.364	39.816	0.417	7.298	11.191	16.485	0.017
EAS-DS	2025-12-08 15:00:00	8.612	50.278	0.417	7.388	11.099	17.168	0.022
EAS-DS	2025-12-08 16:00:00	8.593	51.321	0.420	7.292	11.172	21.112	0.023
EAS-DS	2025-12-08 17:00:00	8.648	47.113	0.420	7.346	11.037	30.668	0.021
EAS-DS	2025-12-08 18:00:00	8.744	41.578	0.422	7.274	11.091	21.856	0.018
EAS-DS	2025-12-08 19:00:00	8.816	39.831	0.422	7.294	11.017	16.852	0.017
EAS-DS	2025-12-08 20:00:00	8.863	39.767	0.426	7.221	11.028	17.092	0.017
EAS-DS	2025-12-08 21:00:00	8.878	38.951	0.426	7.241	11.070	16.920	0.017
EAS-DS	2025-12-08 22:00:00	8.693	26.544	0.429	7.262	11.054	16.396	0.011
EAS-DS	2025-12-08 23:00:00	8.629	23.331	0.428	7.271	11.023	15.531	0.009
EAS-DS	2025-12-09 00:00:00	8.718	34.612	0.430	7.210	10.991	13.899	0.015
EAS-DS	2025-12-09 01:00:00	8.846	42.752	0.428	7.326	10.921	15.406	0.019
EAS-DS	2025-12-09 02:00:00	8.819	44.467	0.434	7.272	10.758	15.575	0.020
EAS-DS	2025-12-09 03:00:00	8.686	34.458	0.427	7.338	10.787	15.063	0.015
EAS-DS	2025-12-09 04:00:00	8.658	41.312	0.429	7.186	11.006	14.382	0.018
EAS-DS	2025-12-09 05:00:00	8.541	36.457	0.426	7.238	10.896	15.286	0.016
EAS-DS	2025-12-09 06:00:00	8.663	46.220	0.429	7.269	10.993	15.479	0.020
EAS-DS	2025-12-09 07:00:00	8.692	51.469	0.427	7.375	10.991	15.384	0.023
EAS-DS	2025-12-09 08:00:00	8.424	36.712	0.427	7.405	11.103	15.566	0.016
EAS-DS	2025-12-09 09:00:00	8.649	51.902	0.425	7.402	10.998	16.312	0.023
EAS-DS	2025-12-09 10:00:00	8.874	63.312	0.420	7.402	11.195	16.990	0.029
EAS-DS	2025-12-09 11:00:00	8.929	63.520	0.418	7.445	11.146	90.617	0.029
EAS-DS	2025-12-09 12:00:00	8.942	59.959	0.415	7.391	11.152	307.953	0.027
EAS-DS	2025-12-09 13:00:00	9.080	63.540	0.413	7.498	11.055	206.021	0.029
EAS-DS	2025-12-09 14:00:00	8.593	31.235	0.415	7.286	11.136	171.867	0.013
EAS-DS	2025-12-09 15:00:00	8.944	41.801	0.408	7.591	10.931	21.150	0.018
EAS-DS	2025-12-09 16:00:00	9.055	61.587	0.413	7.459	11.074	689.711	0.028
EAS-DS	2025-12-09 17:00:00	9.207	63.817	0.410	7.584	11.016	86.478	0.029
EAS-DS	2025-12-09 18:00:00	9.101	67.577	0.419	7.401	11.040	239.024	0.031
EAS-DS	2025-12-09 19:00:00	9.026	69.417	0.419	7.417	11.082	153.322	0.032
EAS-DS	2025-12-09 20:00:00	9.017	65.355	0.416	7.549	11.049	605.842	0.030
EAS-DS	2025-12-09 21:00:00	8.049	26.622	0.410	7.373	11.261	46.318	0.011
EAS-DS	2025-12-09 22:00:00	8.624	66.640	0.414	7.564	11.217	495.487	0.030
EAS-DS	2025-12-09 23:00:00	8.508	65.877	0.413	7.579	11.216	556.769	0.030
EAS-DS	2025-12-10 00:00:00	8.405	60.149	0.414	7.539	11.223	1422.862	0.027
EAS-DS	2025-12-10 01:00:00	8.341	58.701	0.416	7.540	11.201	95.241	0.026
EAS-DS	2025-12-10 02:00:00	8.279	54.350	0.420	7.443	11.211	138.940	0.024

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	2025-12-10 03:00:00	8.249	50.211	0.419	7.475	11.243	136.149	0.022
EAS-DS	2025-12-10 04:00:00	8.227	46.362	0.422	7.374	11.218	149.680	0.020
EAS-DS	2025-12-10 05:00:00	8.222	42.491	0.424	7.378	11.269	65.475	0.019
EAS-DS	2025-12-10 06:00:00	8.165	41.122	0.424	7.327	11.311	209.117	0.018
EAS-DS	2025-12-10 07:00:00	8.134	42.481	0.423	7.337	11.302	214.629	0.019
EAS-DS	2025-12-10 08:00:00	8.064	39.111	0.430	7.229	11.312	23.101	0.017
EAS-DS	2025-12-10 09:00:00	8.136	39.987	0.425	7.300	11.306	144.393	0.017
EAS-DS	2025-12-10 10:00:00	8.172	42.641	0.421	7.288	11.268	110.699	0.019
EAS-DS	2025-12-10 11:00:00	8.139	43.543	0.421	7.332	11.278	86.425	0.019
EAS-DS	2025-12-10 12:00:00	8.078	41.096	0.425	7.235	11.326	165.202	0.018
EAS-DS	2025-12-10 13:00:00	8.101	40.632	0.422	7.272	11.313	12.433	0.018
EAS-DS	2025-12-10 14:00:00	8.113	40.572	0.426	7.182	11.343	8.502	0.018
EAS-DS	2025-12-10 15:00:00	8.080	38.931	0.429	7.143	11.373	7.565	0.017
EAS-DS	2025-12-10 16:00:00	8.032	34.106	0.433	7.020	11.405	10.952	0.015
EAS-DS	2025-12-10 17:00:00	8.137	35.936	0.423	7.188	11.326	3.686	0.015
EAS-DS	2025-12-10 18:00:00	8.008	0.081	0.404	7.068	11.369	0.000	0.000
EAS-DS	2025-12-10 19:00:00	8.200	0.081	0.414	7.073	11.294	1.502	0.000
EAS-DS	2025-12-10 20:00:00	8.106	7.393	0.435	6.917	11.345		0.002
EAS-DS	2025-12-10 21:00:00	8.354	33.628	0.430	7.058	11.271	14.338	0.014
EAS-DS	2025-12-10 22:00:00	8.589	33.048	0.425	7.071	11.204	6.407	0.014
EAS-DS	2025-12-10 23:00:00	8.719	33.551	0.429	7.070	11.186	7.678	0.014
EAS-DS	2025-12-11 00:00:00	8.772	34.527	0.423	7.118	11.171	10.372	0.015
EAS-DS	2025-12-11 01:00:00	8.783	35.611	0.424	7.119	11.164	15.634	0.015
EAS-DS	2025-12-11 02:00:00	8.547	22.224	0.418	7.069	11.205	5.711	0.009
EAS-DS	2025-12-11 03:00:00	8.723	37.794	0.424	7.158	11.208	14.778	0.016
EAS-DS	2025-12-11 04:00:00	8.669	39.529	0.420	7.248	11.230	11.397	0.017
EAS-DS	2025-12-11 05:00:00	8.571	40.342	0.423	7.196	11.259	14.563	0.018
EAS-DS	2025-12-11 06:00:00	8.499	40.881	0.420	7.195	11.269	24.373	0.018
EAS-DS	2025-12-11 07:00:00		42.296		7.246	11.293	16.826	0.019
EAS-DS	2025-12-11 08:00:00	8.464	42.726	0.415	7.259	11.318	28.278	0.019
EAS-DS	2025-12-11 09:00:00	7.902	16.719	0.432	6.708	11.476	9.472	0.006
EAS-DS	2025-12-11 10:00:00	8.430	43.509	0.412	7.271	11.321	18.559	0.019
EAS-DS	2025-12-11 11:00:00	8.531	47.980	0.409	7.302	11.315	124.092	0.021
EAS-DS	2025-12-11 12:00:00	8.581	47.330	0.410	7.330	11.301	91.666	0.021
EAS-DS	2025-12-11 13:00:00		46.553		7.322	11.279	44.289	0.021
EAS-DS	2025-12-11 14:00:00	8.691	47.212	0.405	7.311	11.282	269.071	0.021
EAS-DS	2025-12-11 15:00:00	8.653	48.054	0.408	7.344	11.293	181.093	0.021
EAS-DS	2025-12-11 16:00:00	8.511	44.699	0.411	7.260	11.307	11.153	0.020
EAS-DS	2025-12-11 17:00:00	7.973	17.084	0.420	6.851	11.483	2.315	0.007
EAS-DS	2025-12-11 18:00:00	8.410	43.816	0.413	7.254	11.356	10.275	0.019
EAS-DS	2025-12-11 19:00:00	8.578	52.433	0.413	7.349	11.276	286.457	0.023
EAS-DS	2025-12-11 20:00:00	8.519	50.308	0.406	7.367	11.299	16.497	0.022
EAS-DS	2025-12-11 21:00:00	8.527	51.119	0.405	7.386	11.302	372.179	0.023
EAS-DS	2025-12-11 22:00:00	8.496	51.450	0.405	7.352	11.326	24.507	0.023
EAS-DS	2025-12-11 23:00:00	7.771	16.200	0.421	6.746	11.550	38.680	0.006
EAS-DS	2025-12-12 00:00:00	7.864	18.805	0.403	7.035	11.480	38.588	0.007
EAS-DS	2025-12-12 01:00:00	8.480	52.160	0.401	7.407	11.326	33.557	0.023
EAS-DS	2025-12-12 02:00:00	8.463	53.211	0.398	7.401	11.301	20.148	0.024
EAS-DS	2025-12-12 03:00:00	8.461	53.707	0.400	7.429	11.322	24.082	0.024
EAS-DS	2025-12-12 04:00:00	8.457	53.983	0.403	7.409	11.319	44.835	0.024
EAS-DS	2025-12-12 05:00:00	8.450	53.941	0.402	7.423	11.316	54.688	0.024

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	2025-12-12 06:00:00	8.405	53.976	0.405	7.367	11.312	57.220	0.024
EAS-DS	2025-12-12 07:00:00	8.392	54.100	0.403	7.409	11.332	45.613	0.024
EAS-DS	2025-12-12 08:00:00	7.538	16.663	0.414	6.816	11.567	76.550	0.006
EAS-DS	2025-12-12 09:00:00	8.320	54.879	0.403	7.392	11.357	115.880	0.025
EAS-DS	2025-12-12 10:00:00	8.375	59.235	0.395	7.451	11.328	47.319	0.027
EAS-DS	2025-12-12 11:00:00	8.186	49.564	0.400	7.324	11.433	71.785	0.022
EAS-DS	2025-12-12 12:00:00	7.957	38.015	0.403	7.257	11.415	73.214	0.016
EAS-DS	2025-12-12 13:00:00	8.415	56.658	0.357	7.530	11.345	0.000	0.025
EAS-DS	2025-12-12 14:00:00	8.274	29.288	0.364	7.429	11.403	0.987	0.012
EAS-DS	2025-12-12 15:00:00		37.066		7.442	11.475	8.632	0.016
EAS-DS	2025-12-12 16:00:00	8.333	36.403	0.381	7.451	11.362	26.861	0.016
EAS-DS	2025-12-12 17:00:00	8.134	27.825	0.382	7.507	11.310	37.504	0.012
EAS-DS	2025-12-12 18:00:00	8.229	41.679	0.391	7.461	11.439	42.969	0.018
EAS-DS	2025-12-12 19:00:00	8.197	42.855	0.389	7.464	11.436	14.945	0.019
EAS-DS	2025-12-12 20:00:00	8.080	34.150	0.394	7.345	11.452	9.749	0.015
EAS-DS	2025-12-12 21:00:00	8.206	34.949	0.391	7.441	11.395	10.791	0.015
EAS-DS	2025-12-12 22:00:00	8.165	34.913	0.395	7.373	11.413	21.963	0.015
EAS-DS	2025-12-12 23:00:00	8.209	40.984	0.397	7.432	11.427	21.635	0.018
EAS-DS	2025-12-13 00:00:00	8.234	35.303	0.398	7.392	11.408	16.969	0.015
EAS-DS	2025-12-13 01:00:00	8.253	45.447	0.399	7.416	11.419	14.634	0.020
EAS-DS	2025-12-13 02:00:00	8.226	39.276	0.404	7.289	11.417	27.174	0.017
EAS-DS	2025-12-13 03:00:00	8.274	43.409	0.400	7.394	11.369	14.630	0.019
EAS-DS	2025-12-13 04:00:00	8.287	39.389	0.403	7.324	11.351	8.084	0.017
EAS-DS	2025-12-13 05:00:00		45.743		7.373	11.332	11.756	0.020
EAS-DS	2025-12-13 06:00:00	8.351	43.759	0.405	7.363	11.326	12.658	0.019
EAS-DS	2025-12-13 07:00:00	8.353	43.638	0.404	7.401	11.340	16.440	0.019
EAS-DS	2025-12-13 08:00:00	8.216	40.548	0.414	7.238	11.375	18.494	0.018
EAS-DS	2025-12-13 09:00:00	8.051	33.379	0.412	7.164	11.421	16.864	0.014
EAS-DS	2025-12-13 10:00:00	8.267	27.679	0.402	7.376	11.255	21.227	0.012
EAS-DS	2025-12-13 11:00:00	8.427	39.955	0.405	7.360	11.305	19.922	0.017
EAS-DS	2025-12-13 12:00:00	8.626	37.808	0.402	7.393	11.215	14.657	0.016
EAS-DS	2025-12-13 13:00:00	8.659	33.685	0.397	7.415	11.217	12.593	0.014
EAS-DS	2025-12-13 14:00:00	8.767	43.233	0.402	7.396	11.160	11.074	0.019
EAS-DS	2025-12-13 15:00:00	8.388	31.620	0.401	7.172	11.347	13.504	0.013
EAS-DS	2025-12-13 16:00:00	8.810	43.240	0.401	7.405	11.139	13.305	0.019
EAS-DS	2025-12-13 17:00:00	8.833	46.633	0.394	7.495	11.171	20.161	0.021
EAS-DS	2025-12-13 18:00:00	8.750	45.049	0.405	7.371	11.153	25.886	0.020
EAS-DS	2025-12-13 19:00:00	8.848	43.385	0.397	7.498	11.117	17.683	0.019
EAS-DS	2025-12-13 20:00:00	8.888	48.089	0.401	7.484	11.095	25.049	0.021
EAS-DS	2025-12-13 21:00:00	8.863	41.411	0.399	7.496	11.076	22.255	0.018
EAS-DS	2025-12-13 22:00:00	8.889	37.493	0.401	7.472	11.059	20.889	0.016
EAS-DS	2025-12-13 23:00:00	8.866	51.974	0.404	7.497	11.186	31.864	0.023
EAS-DS	2025-12-14 00:00:00	8.906	44.734	0.405	7.436	11.082	25.454	0.020
EAS-DS	2025-12-14 01:00:00	8.997	52.610	0.405	7.498	11.117	29.850	0.024
EAS-DS	2025-12-14 02:00:00	9.058	56.634	0.406	7.483	11.057	37.927	0.025
EAS-DS	2025-12-14 03:00:00	9.154	52.094	0.400	7.545	11.025	27.800	0.023
EAS-DS	2025-12-14 04:00:00	8.794	40.660	0.403	7.233	11.216	57.668	0.018
EAS-DS	2025-12-14 05:00:00	8.838	22.507	0.394	7.490	10.990	62.604	0.009
EAS-DS	2025-12-14 06:00:00	9.161	43.173	0.399	7.543	10.990	47.442	0.019
EAS-DS	2025-12-14 07:00:00	9.098	50.860	0.400	7.537	11.030	51.678	0.023
EAS-DS	2025-12-14 08:00:00	9.044	45.826	0.402	7.481	11.009	92.358	0.020

Woodfibre LNG (East Creek)

Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-DS	2025-12-14 09:00:00		26.167		7.464	11.106	91.985	0.011
EAS-DS	2025-12-14 10:00:00	8.891	7.390	0.378	7.352	11.155	73.666	0.002
EAS-DS	2025-12-14 11:00:00	8.862	2.044	0.374	7.286	11.191	53.119	0.000
EAS-DS	2025-12-14 12:00:00	8.829	24.747	0.411	7.137	11.213	99.287	0.010
EAS-DS	2025-12-14 13:00:00	8.741	29.508	0.420	7.007	11.242	22.753	0.012
EAS-DS	2025-12-14 14:00:00	8.776	29.835	0.418	7.011	11.206	76.584	0.013
EAS-DS	2025-12-14 15:00:00	8.785	28.978	0.418	6.955	11.212	20.041	0.012
EAS-DS	2025-12-14 16:00:00	8.760	25.426	0.424	6.857	11.224	18.809	0.010
EAS-DS	2025-12-14 17:00:00	8.806	27.807	0.423	6.949	11.224	17.007	0.012
EAS-DS	2025-12-14 18:00:00	8.794	26.813	0.425	6.883	11.193	9.295	0.011
EAS-DS	2025-12-14 19:00:00	8.817	26.562	0.423	6.936	11.181	13.748	0.011
EAS-DS	2025-12-14 20:00:00	8.867	27.753	0.422	6.961	11.172	12.126	0.012
EAS-DS	2025-12-14 21:00:00	8.877	27.985	0.421	6.985	11.162	17.424	0.012
EAS-DS	2025-12-14 22:00:00	8.890	27.163	0.422	6.957	11.141	13.741	0.011
EAS-DS	2025-12-14 23:00:00	8.902	27.871	0.424	6.958	11.151	14.534	0.012
EAS-US	2025-12-08 00:00:00			0.347	6.946	11.385	0.000	
EAS-US	2025-12-08 01:00:00	7.873	27.001	0.345	7.050	11.405	0.000	0.011
EAS-US	2025-12-08 02:00:00	7.864	27.503	0.343	7.041	11.409	0.000	0.011
EAS-US	2025-12-08 03:00:00	7.828	28.444	0.351	6.974	11.406	0.000	0.012
EAS-US	2025-12-08 04:00:00	7.800	31.636	0.334	7.058	11.399	0.050	0.013
EAS-US	2025-12-08 05:00:00	7.759	41.931	0.328	7.285	11.433	23.000	0.018
EAS-US	2025-12-08 06:00:00			0.308	7.553	11.437	54.372	
EAS-US	2025-12-08 07:00:00	7.785	82.668	0.304	7.615	11.426	38.412	0.038
EAS-US	2025-12-08 08:00:00	7.795	60.328	0.313	7.440	11.406	13.259	0.027
EAS-US	2025-12-08 09:00:00	7.915	61.050	0.315	7.425	11.358	15.302	0.028
EAS-US	2025-12-08 10:00:00	7.990	51.709	0.313	7.388	11.321	10.903	0.023
EAS-US	2025-12-08 11:00:00	8.067	51.050	0.319	7.357	11.292	17.222	0.023
EAS-US	2025-12-08 12:00:00	8.113	60.466	0.309	7.459	11.272	15.483	0.027
EAS-US	2025-12-08 13:00:00	8.098	48.089	0.322	7.310	11.258	10.010	0.021
EAS-US	2025-12-08 14:00:00	8.119	52.644	0.316	7.347	11.239	13.704	0.023
EAS-US	2025-12-08 15:00:00	8.124	51.272	0.316	7.368	11.235	15.561	0.023
EAS-US	2025-12-08 16:00:00	8.145	53.056	0.318	7.340	11.237	18.662	0.024
EAS-US	2025-12-08 17:00:00	8.213	49.622	0.295	7.378	11.229	21.175	0.022
EAS-US	2025-12-08 18:00:00	8.385	45.398	0.319	7.259	11.185	11.342	0.020
EAS-US	2025-12-08 19:00:00	8.409	38.910	0.326	7.180	11.190	4.616	0.017
EAS-US	2025-12-08 20:00:00	8.410	33.616	0.323	7.164	11.184	3.251	0.014
EAS-US	2025-12-08 21:00:00	8.393	29.674	0.289	7.056	11.203	3.710	0.012
EAS-US	2025-12-08 22:00:00	8.359	28.890	0.308	7.005	11.219	0.672	0.012
EAS-US	2025-12-08 23:00:00	8.310	27.234	0.312	7.020	11.252	0.631	0.011
EAS-US	2025-12-09 00:00:00	8.274	25.890	0.316	6.977	11.276	0.571	0.011
EAS-US	2025-12-09 01:00:00	8.190	25.008	0.321	7.014	11.300	0.802	0.010
EAS-US	2025-12-09 02:00:00	8.122	24.352	0.317	6.959	11.324	0.507	0.010
EAS-US	2025-12-09 03:00:00	8.060	23.868	0.332	6.840	11.349	0.248	0.010
EAS-US	2025-12-09 04:00:00	7.982	23.395	0.326	6.927	11.388	0.177	0.010
EAS-US	2025-12-09 05:00:00	7.937	23.109	0.328	6.907	11.398	1.495	0.009
EAS-US	2025-12-09 06:00:00	7.847	22.823	0.326	6.915	11.421	0.244	0.009
EAS-US	2025-12-09 07:00:00	7.780	22.533	0.329	6.980	11.464	0.313	0.009
EAS-US	2025-12-09 08:00:00	7.723	22.335	0.330	6.844	11.472	0.000	0.009
EAS-US	2025-12-09 09:00:00	7.759	22.232	0.333	6.954	11.480	0.000	0.009
EAS-US	2025-12-09 10:00:00	7.826	22.048	0.329	6.913	11.481	0.000	0.009
EAS-US	2025-12-09 11:00:00	7.875	21.898	0.335	6.950	11.471	0.580	0.009

Woodfibre LNG (East Creek)

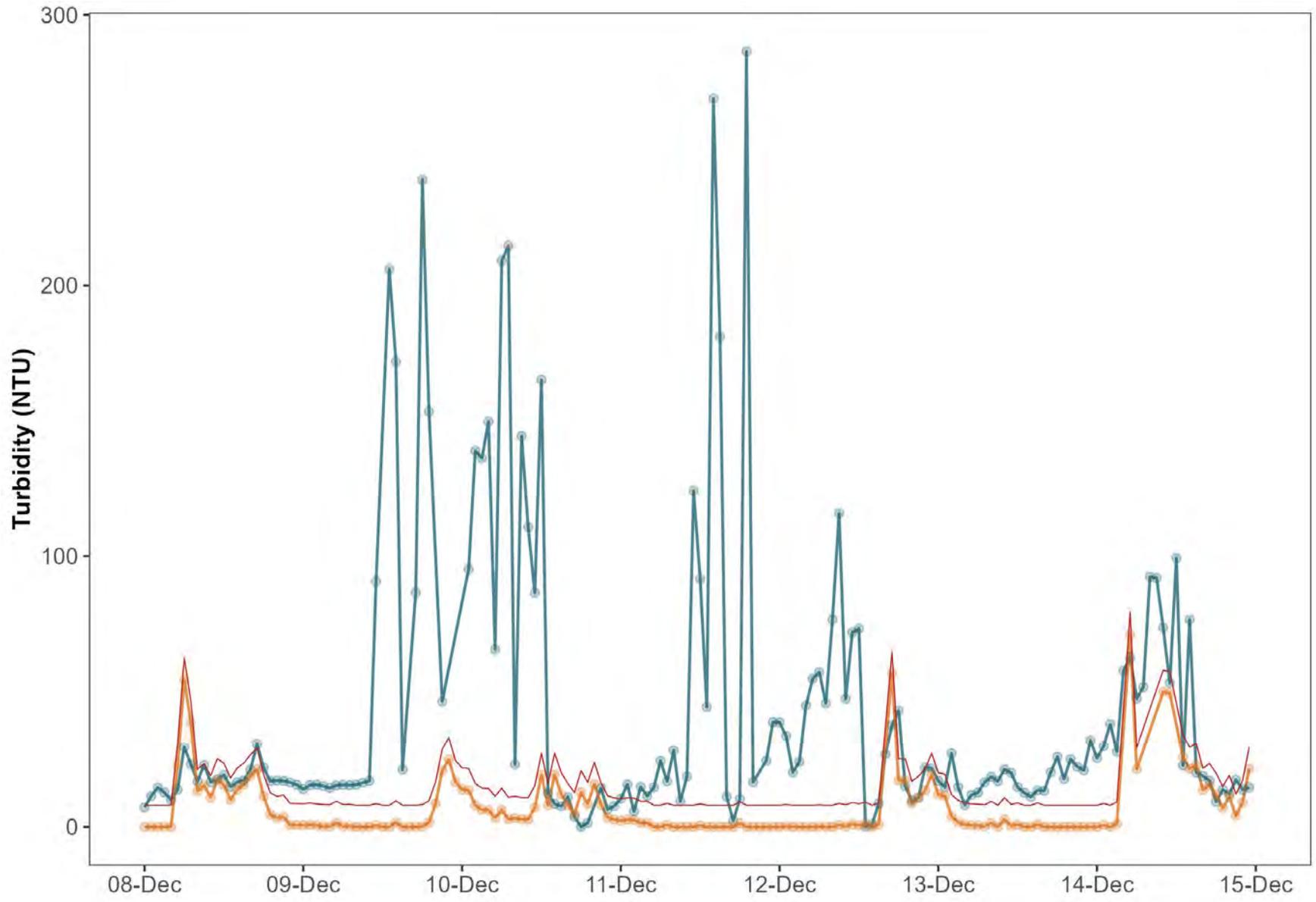
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Salinity (PSU)
EAS-US	2025-12-09 12:00:00	7.956	21.684	0.331	6.938	11.437	0.000	0.009
EAS-US	2025-12-09 13:00:00	8.008	21.534	0.329	7.036	11.422	0.000	0.009
EAS-US	2025-12-09 14:00:00	8.035	21.510	0.327	6.918	11.387	1.618	0.009
EAS-US	2025-12-09 15:00:00	8.052	21.542	0.333	7.011	11.355	0.000	0.009
EAS-US	2025-12-09 16:00:00	8.030	21.580	0.333	6.897	11.357	0.000	0.009
EAS-US	2025-12-09 17:00:00	8.001	21.599	0.333	6.978	11.354	0.000	0.009
EAS-US	2025-12-09 18:00:00	7.951	21.610	0.329	6.943	11.362	0.220	0.009
EAS-US	2025-12-09 19:00:00	7.934	25.087	0.329	7.098	11.366	1.673	0.010
EAS-US	2025-12-09 20:00:00	7.789	30.357	0.323	7.138	11.401	8.597	0.013
EAS-US	2025-12-09 21:00:00	7.562	47.815	0.316	7.417	11.465	20.783	0.021
EAS-US	2025-12-09 22:00:00	7.499	62.467	0.298	7.533	11.463	24.920	0.028
EAS-US	2025-12-09 23:00:00	7.457	61.962	0.302	7.537	11.477	16.556	0.028
EAS-US	2025-12-10 00:00:00	7.519	60.142	0.294	7.492	11.455	13.808	0.027
EAS-US	2025-12-10 01:00:00	7.522	51.627	0.305	7.414	11.453	13.548	0.023
EAS-US	2025-12-10 02:00:00	7.560	49.205	0.302	7.394	11.457	7.998	0.022
EAS-US	2025-12-10 03:00:00	7.595	42.741	0.314	7.291	11.448	6.312	0.019
EAS-US	2025-12-10 04:00:00	7.608	38.358	0.309	7.261	11.444	6.162	0.017
EAS-US	2025-12-10 05:00:00	7.602	34.793	0.315	7.261	11.454	3.319	0.015
EAS-US	2025-12-10 06:00:00	7.591	36.284	0.317	7.191	11.456	6.253	0.016
EAS-US	2025-12-10 07:00:00	7.583	34.124	0.325	7.121	11.449	2.940	0.015
EAS-US	2025-12-10 08:00:00	7.587	31.994	0.318	7.155	11.462	3.231	0.014
EAS-US	2025-12-10 09:00:00	7.581	30.668	0.326	7.083	11.470	2.841	0.013
EAS-US	2025-12-10 10:00:00	7.592	29.889	0.323	7.102	11.478	2.767	0.013
EAS-US	2025-12-10 11:00:00	7.578	29.672	0.327	7.129	11.464	7.158	0.012
EAS-US	2025-12-10 12:00:00	7.575	35.389	0.316	7.237	11.470	19.206	0.015
EAS-US	2025-12-10 13:00:00	7.614	34.533	0.321	7.227	11.461	8.040	0.015
EAS-US	2025-12-10 14:00:00	7.628	34.444	0.313	7.211	11.445	19.250	0.015
EAS-US	2025-12-10 15:00:00	7.634	32.943	0.321	7.136	11.437	11.986	0.014
EAS-US	2025-12-10 16:00:00	7.673	31.268	0.315	7.132	11.439	7.949	0.013
EAS-US	2025-12-10 17:00:00	7.694	30.623	0.321	7.130	11.418	4.727	0.013
EAS-US	2025-12-10 18:00:00	7.714	33.023	0.311	7.224	11.421	12.737	0.014
EAS-US	2025-12-10 19:00:00	7.801	33.634	0.278	7.190	11.405	8.418	0.014
EAS-US	2025-12-10 20:00:00		34.084	0.267	7.258	11.405	15.795	0.015
EAS-US	2025-12-10 21:00:00	7.940	29.392	0.312	7.078	11.367	8.273	0.012
EAS-US	2025-12-10 22:00:00	8.157	24.510	0.315	7.045	11.303	3.470	0.010
EAS-US	2025-12-10 23:00:00	8.255	22.736	0.322	7.023	11.294	2.641	0.009
EAS-US	2025-12-11 00:00:00	8.279	21.775	0.320	6.994	11.303	2.358	0.009
EAS-US	2025-12-11 01:00:00	8.251	21.974	0.333	6.899	11.315	2.651	0.009
EAS-US	2025-12-11 02:00:00			0.332	6.856	11.338	2.590	
EAS-US	2025-12-11 03:00:00	8.133	21.184	0.334	6.889	11.365	1.470	0.008
EAS-US	2025-12-11 04:00:00	8.017	21.011	0.329	6.911	11.409	1.497	0.008
EAS-US	2025-12-11 05:00:00	7.902	20.600	0.337	6.834	11.440	0.000	0.008
EAS-US	2025-12-11 06:00:00	7.805	20.209	0.328	6.937	11.495	0.016	0.008
EAS-US	2025-12-11 07:00:00	7.737	19.882	0.339	6.813	11.505	0.705	0.008
EAS-US	2025-12-11 08:00:00			0.338	6.803	11.527	0.000	
EAS-US	2025-12-11 09:00:00	7.687	19.327	0.337	6.831	11.540	0.000	0.008
EAS-US	2025-12-11 10:00:00	7.704	19.167	0.334	6.884	11.556	0.000	0.008
EAS-US	2025-12-11 11:00:00	7.720	18.894	0.339	6.813	11.563	0.000	0.007
EAS-US	2025-12-11 12:00:00	7.780	18.727	0.336	6.836	11.558	0.508	0.007
EAS-US	2025-12-11 13:00:00	7.840	18.562	0.340	6.848	11.529	0.000	0.007
EAS-US	2025-12-11 14:00:00	7.913	18.423	0.337	6.841	11.502	0.000	0.007

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	2025-12-11 15:00:00	7.876	18.377	0.339	6.843	11.520	0.000	0.007
EAS-US	2025-12-11 16:00:00	7.819	18.344	0.336	6.812	11.530	0.022	0.007
EAS-US	2025-12-11 17:00:00	7.763	18.278	0.342	6.806	11.536	0.000	0.007
EAS-US	2025-12-11 18:00:00	7.743	18.238	0.332	6.901	11.555	1.282	0.007
EAS-US	2025-12-11 19:00:00	7.719	18.254	0.339	6.816	11.569	0.000	0.007
EAS-US	2025-12-11 20:00:00	7.689	18.140	0.333	6.880	11.566	0.000	0.007
EAS-US	2025-12-11 21:00:00	7.653	18.005	0.339	6.882	11.581	0.000	0.007
EAS-US	2025-12-11 22:00:00	7.631	17.931	0.336	6.878	11.588	0.000	0.007
EAS-US	2025-12-11 23:00:00	7.609	17.909	0.342	6.809	11.594	0.000	0.007
EAS-US	2025-12-12 00:00:00	7.594	17.822	0.337	6.845	11.588	0.000	0.007
EAS-US	2025-12-12 01:00:00	7.576	17.804	0.341	6.832	11.598	0.258	0.007
EAS-US	2025-12-12 02:00:00	7.537	17.831	0.333	6.906	11.620	0.000	0.007
EAS-US	2025-12-12 03:00:00	7.521	17.758	0.344	6.820	11.618	0.000	0.007
EAS-US	2025-12-12 04:00:00	7.517	17.810	0.343	6.796	11.611	0.000	0.007
EAS-US	2025-12-12 05:00:00	7.497	17.719	0.348	6.774	11.607	0.000	0.007
EAS-US	2025-12-12 06:00:00			0.341	6.868	11.598	0.135	
EAS-US	2025-12-12 07:00:00	7.455	18.169	0.345	6.837	11.618	0.000	0.007
EAS-US	2025-12-12 08:00:00	7.428	18.785	0.338	6.894	11.617	0.000	0.007
EAS-US	2025-12-12 09:00:00	7.419	19.227	0.342	6.879	11.638	0.694	0.008
EAS-US	2025-12-12 10:00:00	7.428	19.367	0.342	6.888	11.620	0.183	0.008
EAS-US	2025-12-12 11:00:00	7.421	19.457	0.344	6.859	11.621	0.988	0.008
EAS-US	2025-12-12 12:00:00	7.443	19.584	0.338	6.905	11.617	0.538	0.008
EAS-US	2025-12-12 13:00:00	7.466	19.534	0.343	6.851	11.602	1.094	0.008
EAS-US	2025-12-12 14:00:00	7.479	19.551	0.339	6.859	11.581	0.000	0.008
EAS-US	2025-12-12 15:00:00	7.502	19.903	0.335	7.033	11.565	0.940	0.008
EAS-US	2025-12-12 16:00:00	7.485	23.310	0.333	7.018	11.581	106.747	0.009
EAS-US	2025-12-12 17:00:00	7.451	27.159	0.333	7.078	11.568	56.715	0.011
EAS-US	2025-12-12 18:00:00	7.433	28.757	0.325	7.201	11.580	17.164	0.012
EAS-US	2025-12-12 19:00:00			0.328	7.153	11.588	17.243	
EAS-US	2025-12-12 20:00:00	7.419	30.655	0.322	7.243	11.568	8.772	0.013
EAS-US	2025-12-12 21:00:00	7.436	28.145	0.330	7.131	11.587	10.708	0.012
EAS-US	2025-12-12 22:00:00	7.441	26.900	0.330	7.069	11.576	13.425	0.011
EAS-US	2025-12-12 23:00:00	7.459	27.351	0.327	7.125	11.586	19.227	0.011
EAS-US	2025-12-13 00:00:00	7.476	25.444	0.324	7.096	11.572	11.996	0.010
EAS-US	2025-12-13 01:00:00	7.489	23.545	0.332	7.010	11.559	11.425	0.010
EAS-US	2025-12-13 02:00:00	7.511	22.073	0.335	6.919	11.552	3.880	0.009
EAS-US	2025-12-13 03:00:00	7.514	21.172	0.334	6.978	11.541	1.792	0.008
EAS-US	2025-12-13 04:00:00	7.517	20.581	0.333	6.946	11.542	0.835	0.008
EAS-US	2025-12-13 05:00:00	7.523	20.172	0.335	6.927	11.535	0.559	0.008
EAS-US	2025-12-13 06:00:00	7.532	19.836	0.336	6.873	11.523	0.397	0.008
EAS-US	2025-12-13 07:00:00	7.532	19.541	0.333	6.956	11.525	0.171	0.008
EAS-US	2025-12-13 08:00:00	7.516	19.293	0.332	6.874	11.542	1.434	0.008
EAS-US	2025-12-13 09:00:00	7.556	19.082	0.337	6.834	11.517	0.000	0.007
EAS-US	2025-12-13 10:00:00	7.613	18.943	0.333	6.901	11.523	2.750	0.007
EAS-US	2025-12-13 11:00:00	7.759	18.661	0.336	6.880	11.485	0.341	0.007
EAS-US	2025-12-13 12:00:00	7.844	18.526	0.333	6.843	11.434	0.834	0.007
EAS-US	2025-12-13 13:00:00	7.937	18.387	0.338	6.829	11.421	0.000	0.007
EAS-US	2025-12-13 14:00:00	7.917	18.234	0.337	6.801	11.410	0.000	0.007
EAS-US	2025-12-13 15:00:00	7.969	18.204	0.343	6.802	11.391	0.874	0.007
EAS-US	2025-12-13 16:00:00	7.967	18.256	0.337	6.826	11.381	0.020	0.007
EAS-US	2025-12-13 17:00:00	7.883	18.091	0.339	6.857	11.389	0.000	0.007

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	2025-12-13 18:00:00	7.886	18.017	0.339	6.798	11.383	0.000	0.007
EAS-US	2025-12-13 19:00:00	7.884	17.984	0.339	6.901	11.368	0.000	0.007
EAS-US	2025-12-13 20:00:00	7.868	17.935	0.335	6.845	11.374	0.000	0.007
EAS-US	2025-12-13 21:00:00	7.900	17.919	0.338	6.834	11.354	0.000	0.007
EAS-US	2025-12-13 22:00:00	7.883	17.924	0.334	6.813	11.359	0.000	0.007
EAS-US	2025-12-13 23:00:00	7.934	17.901	0.340	6.742	11.366	0.000	0.007
EAS-US	2025-12-14 00:00:00	7.935	18.014	0.328	6.830	11.359	0.000	0.007
EAS-US	2025-12-14 01:00:00	8.029	18.004	0.336	6.877	11.316	0.668	0.007
EAS-US	2025-12-14 02:00:00	8.088	17.906	0.330	6.829	11.295	0.000	0.007
EAS-US	2025-12-14 03:00:00	8.145	19.034	0.335	6.862	11.284	1.211	0.007
EAS-US	2025-12-14 04:00:00	8.179	25.938	0.318	7.123	11.287	97.845	0.011
EAS-US	2025-12-14 05:00:00	8.259	36.728	0.311	7.305	11.267	71.174	0.016
EAS-US	2025-12-14 06:00:00	8.282	40.966	0.305	7.273	11.244	21.341	0.018
EAS-US	2025-12-14 07:00:00	8.335	41.536	0.307	7.365	11.235	235.715	0.018
EAS-US	2025-12-14 08:00:00	8.450	50.966	0.285	7.674	11.223	1140.534	0.023
EAS-US	2025-12-14 09:00:00	8.422	49.685	0.297	7.412	11.254	128.444	0.022
EAS-US	2025-12-14 10:00:00	8.479	44.408	0.297	7.327	11.259	49.858	0.020
EAS-US	2025-12-14 11:00:00	8.492	43.074	0.302	7.324	11.278	49.402	0.019
EAS-US	2025-12-14 12:00:00	8.517	39.546	0.305	7.226	11.283	126.106	0.017
EAS-US	2025-12-14 13:00:00	8.477	33.491	0.311	7.168	11.299	25.845	0.014
EAS-US	2025-12-14 14:00:00	8.486	32.914	0.310	7.134	11.308	21.500	0.014
EAS-US	2025-12-14 15:00:00	8.503	32.030	0.311	7.077	11.297	22.868	0.014
EAS-US	2025-12-14 16:00:00	8.508	29.022	0.291	7.058	11.289	13.636	0.012
EAS-US	2025-12-14 17:00:00	8.509	29.584	0.313	6.991	11.300	15.402	0.012
EAS-US	2025-12-14 18:00:00	8.493	27.004	0.312	6.951	11.289	11.880	0.011
EAS-US	2025-12-14 19:00:00	8.502	25.563	0.322	6.970	11.285	6.873	0.011
EAS-US	2025-12-14 20:00:00	8.549	27.298	0.315	7.029	11.255	11.031	0.011
EAS-US	2025-12-14 21:00:00	8.550	27.211	0.320	7.054	11.248	4.111	0.011
EAS-US	2025-12-14 22:00:00	8.573	27.364	0.313	7.069	11.235	8.989	0.011
EAS-US	2025-12-14 23:00:00	8.602	28.763	0.317	7.058	11.222	21.496	0.012



Monitoring location — EAS-DS — EAS-US — Guideline — BC FWAL - Acute

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID:	<u>WLNG (EAS) DS</u>	Date:	<u>December 9, 2025</u>
Site Name:	<u>East Creek</u>	Time:	<u>9:45</u>
Site UTM:	Zone: <u>E:</u>	Crew:	<u>WS</u>
(NAD83)	N: <u></u>	Weather:	<u>Clear</u>

In Situ Parameters

pH:	<u>6.68</u>	DO:	<u>102.3</u> (mg/L)
Temp.:	<u>8.6</u> (°C)	Cond:	<u>96.4</u> (us)
Turbidity:	<u>7.46</u> NTU	Salinity:	<u>-</u> (ppt)
Visible Sheen:	<u>N</u>	ORP:	<u>-</u> (mV)
Water Surface Condition:	<u>Clear</u>		

Photo Record

Photo



Observations

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID:	<u>WLNG (EAS) US</u>	Date:	<u>December 9, 2025</u>
Site Name:	<u>East Creek</u>	Time:	<u>9:05</u>
Site UTM:	Zone: <u>E:</u>	Crew:	<u>WS</u>
(NAD83)	N: <u></u>	Weather:	<u>Clear</u>

In Situ Parameters

pH:	<u>6.24</u>	DO:	<u>11.91</u> (mg/L)
Temp.:	<u>7.6</u> (°C)	Cond:	<u>-</u> (us)
Turbidity:	<u>1.86</u> NTU	Salinity:	<u>-</u> (ppt)
Visible Sheen:	<u>None</u>	ORP:	<u>-</u> (mV)
Water Surface Condition:	<u>Clear</u>		

Photo Record

Photo



Observations

 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Dec 8 th to Dec 14 th , 2025
	Report #	90
	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. #: 119983

Attention: Saeesh Mangwani

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

Report Date: 2025/12/17
 Report #: R3743832
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C599806

Received: 2025/12/09, 15:41

Sample Matrix: Water
 # Samples Received: 7

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	7	N/A	2025/12/11	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	7	N/A	2025/12/10	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	2	N/A	2025/12/15		
Chromium III (Calc'd)	5	N/A	2025/12/16		
Total Hexavalent Chromium	7	N/A	2025/12/11	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	7	N/A	2025/12/12	BBY6SOP-00053	SM 24 5310 B m
Fluoride	7	N/A	2025/12/11	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	1	N/A	2025/12/16	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	7	N/A	2025/12/15		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	5	N/A	2025/12/15	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	2	N/A	2025/12/15	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	5	N/A	2025/12/16	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	1	N/A	2025/12/11	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	6	N/A	2025/12/12	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	7	2025/12/11	2025/12/11	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	7	2025/12/11	2025/12/11	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	7	N/A	2025/12/12	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	1	2025/12/15	2025/12/15	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	1	N/A	2025/12/11	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	6	N/A	2025/12/12	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	7	N/A	2025/12/11	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	5	2025/12/15	2025/12/15	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	2	N/A	2025/12/15	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	5	N/A	2025/12/16	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	2	N/A	2025/12/13	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	7	N/A	2025/12/15	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	5	N/A	2025/12/11	AB SOP-00007	SM 24 4500 NH3 A G m
Ammonia-N (Total)	2	N/A	2025/12/12	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	7	N/A	2025/12/11	BBY6SOP-00010	SM 24 4500-NO3- H m



Your P.O. #: 4800010213
 Your Project #: FORTIS11234/PE-110163
 Site Location: WOODFIBRE PIPELINE PROJECT
 Your C.O.C. #: 119983

Attention: Saeesh Mangwani

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

Report Date: 2025/12/17
 Report #: R3743832
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C599806

Received: 2025/12/09, 15:41

Sample Matrix: Water
 # Samples Received: 7

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Nitrite (N) Regular Level Water	7	N/A	2025/12/11	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	3	N/A	2025/12/11	BBY WI-00033	Auto Calc
Nitrogen - Nitrate (as N)	4	N/A	2025/12/12	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	1	2025/12/15	2025/12/16	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	1	N/A	2025/12/16	BBY WI-00033	Auto Calc
pH @25°C (6)	7	N/A	2025/12/11	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	1	N/A	2025/12/12	AB SOP-00088	EPA 9066 R0 m
Total Sulphide (1)	7	2025/12/15	2025/12/15	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	3	2025/12/10	2025/12/11	BBY6SOP-00033	SM 24 2540 C m
Total Dissolved Solids (Filt. Residue)	4	2025/12/15	2025/12/16	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	1	N/A	2025/12/16	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	7	N/A	2025/12/13	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	7	2025/12/11	2025/12/12	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	7	2025/12/10	2025/12/11	BBY6SOP-00034	SM 24 2540 D m
Field pH	5	N/A	2025/12/10	Field Test	Field Test
Field Temperature	5	N/A	2025/12/10	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	1	N/A	2025/12/12	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	1	N/A	2025/12/12	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.



Your P.O. #: 4800010213
 Your Project #: FORTIS11234/PE-110163
 Site Location: WOODFIBRE PIPELINE PROJECT
 Your C.O.C. #: 119983

Attention: Saeesh Mangwani

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

Report Date: 2025/12/17
 Report #: R3743832
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C599806

Received: 2025/12/09, 15:41

Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

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

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

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

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

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

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

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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This report has been generated and distributed using a secure automated process. 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.



RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DYK307				DYK307				DYK308			
Sampling Date		2025/12/09				2025/12/09				2025/12/09			
COC Number		119983				119983				119983			
	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	C189041				0.0055	0.0050	C189041			
Calculated Parameters													
Total Chromium III	mg/L	ND	0.00099	C188025				ND	0.00099	C188025			
Dissolved Hardness (CaCO3)	mg/L	7.40	0.50	C187835				64.1	0.50	C187835			
Total Hardness (CaCO3)	mg/L	6.71	0.50	C187925				61.6	0.50	C187925			
Nitrate (N)	mg/L	0.070	0.020	C187837				ND	0.020	C187837			
Sulphide (as H2S)	mg/L	ND	0.0020	C188046				ND	0.0020	C188046			
Field Parameters													
Field pH	pH	6.68	N/A	ONSITE				6.47	N/A	ONSITE			
Field Temperature	°C	8.6	N/A	ONSITE				10.5	N/A	ONSITE			
Misc. Inorganics													
pH	pH	6.19	N/A	C188371				7.14	N/A	C188445			
Total Organic Carbon (C)	mg/L	2.9	0.50	C190267				1.3	0.50	C190267			
Total Dissolved Solids	mg/L	36	10	C188377				100	10	C188377			
Total Suspended Solids	mg/L	3.6	1.0	C188372				6.8	1.0	C188372			
Lab Filtered Inorganics													
Dissolved Organic Carbon (C)	mg/L	2.7	0.50	C189304				1.0	0.50	C189304			
Anions													
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	C188375				ND	1.0	C188440			
Alkalinity (Total as CaCO3)	mg/L	5.4	1.0	C188375				55	1.0	C188440			
Bicarbonate (HCO3)	mg/L	6.5	1.0	C188375				67	1.0	C188440			
Carbonate (CO3)	mg/L	ND	1.0	C188375				ND	1.0	C188440			
Fluoride (F)	mg/L	ND	0.050	C188813				0.32	0.050	C188813			
Hydroxide (OH)	mg/L	ND	1.0	C188375				ND	1.0	C188440			
Total Sulphide	mg/L	ND	0.0018	C191504				ND	0.0018	C191504			
Chloride (Cl)	mg/L	ND	1.0	C188385				7.9	1.0	C188385			
Sulphate (SO4)	mg/L	ND	1.0	C188385				11	1.0	C188385			
Metals													
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	C188971				ND	0.00099	C188971			
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 #: C599806
 Report Date: 2025/12/17

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		DYK307			DYK307			DYK308		
Sampling Date		2025/12/09			2025/12/09			2025/12/09		
COC Number		119983			119983			119983		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	C189678	ND	0.015	C189678	ND	0.015	C189678
Total Phosphorus (P)	mg/L	0.047	0.0010	C188768				0.0039	0.0010	C188768
Nitrate plus Nitrite (N)	mg/L	0.070	0.020	C189023				ND	0.020	C189023
Total Nitrogen (N)	mg/L	0.133	0.020	C189946				0.175	0.020	C189946
Misc. Organics										
Phenols	mg/L							ND	0.0015	C190040
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										



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Bureau Veritas Job #: C599806
Report Date: 2025/12/17

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		DYK309	DYK310		DYK311			DYK312		
Sampling Date		2025/12/09	2025/12/09		2025/12/09			2025/12/09		
COC Number		119983	119983		119983			119983		
	UNITS	WLNG-US	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch

ANIONS

Nitrite (N)	mg/L	ND	ND	C189511	ND	0.0050	C189511	ND	0.0050	C189041
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Calculated Parameters

Total Chromium III	mg/L	ND	ND	C188025	ND	0.00099	C188025	ND	0.00099	C188025
Dissolved Hardness (CaCO3)	mg/L	7.75	14.3	C187835	13.4	0.50	C187835	ND	0.50	C187835
Total Hardness (CaCO3)	mg/L	6.91	14.4	C187925	13.8	0.50	C187925	ND	0.50	C187925
Nitrate (N)	mg/L	0.115	0.125	C187837	0.100	0.020	C187837	ND	0.020	C187837
Sulphide (as H2S)	mg/L	ND	ND	C188046	ND	0.0020	C187791	ND	0.0020	C187791

Field Parameters

Field pH	pH	6.24	7.48	ONSITE	6.97	N/A	ONSITE			
Field Temperature	°C	7.6	6.2	ONSITE	6.4	N/A	ONSITE			

Misc. Inorganics

pH	pH	6.20	6.22	C189322	6.27	N/A	C189322	5.77	N/A	C189322
Total Organic Carbon (C)	mg/L	3.3	3.4	C190267	3.4	0.50	C190267	ND	0.50	C190267
Total Dissolved Solids	mg/L	40	24	C191542	20	10	C191542	ND	10	C191542
Total Suspended Solids	mg/L	ND	19	C188372	20	1.0	C188372	ND	1.0	C188372

Lab Filtered Inorganics

Dissolved Organic Carbon (C)	mg/L	3.2	3.2	C189304	3.1	0.50	C189304	ND	0.50	C189304
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Anions

Alkalinity (PP as CaCO3)	mg/L	ND	ND	C189307	ND	1.0	C189307	ND	1.0	C189307
Alkalinity (Total as CaCO3)	mg/L	6.0	12	C189307	11	1.0	C189307	ND	1.0	C189307
Bicarbonate (HCO3)	mg/L	7.3	14	C189307	14	1.0	C189307	ND	1.0	C189307
Carbonate (CO3)	mg/L	ND	ND	C189307	ND	1.0	C189307	ND	1.0	C189307
Fluoride (F)	mg/L	ND	ND	C188813	ND	0.050	C188813	ND	0.050	C188813
Hydroxide (OH)	mg/L	ND	ND	C189307	ND	1.0	C189307	ND	1.0	C189307
Total Sulphide	mg/L	ND	ND	C191504	ND	0.0018	C191504	ND	0.0018	C191504
Chloride (Cl)	mg/L	ND	ND	C188414	ND	1.0	C188414	ND	1.0	C188385
Sulphate (SO4)	mg/L	ND	2.0	C188414	1.6	1.0	C188414	ND	1.0	C188385

Metals

Total Hex. Chromium (Cr 6+)	mg/L	ND	ND	C188971	ND	0.00099	C188971	ND	0.00099	C188971
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RDL = Reportable Detection Limit

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

N/A = Not Applicable



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Bureau Veritas Job #: C599806

Report Date: 2025/12/17

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		DYK309	DYK310		DYK311			DYK312		
Sampling Date		2025/12/09	2025/12/09		2025/12/09			2025/12/09		
COC Number		119983	119983		119983			119983		
	UNITS	WLNG-US	SQRI-US	QC Batch	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch

Nutrients										
Total Ammonia (N)	mg/L	ND	ND	C189678	ND	0.015	C189678	ND	0.015	C189996
Total Phosphorus (P)	mg/L	0.092	0.027	C188768	0.027	0.0010	C188768	ND	0.0010	C188768
Nitrate plus Nitrite (N)	mg/L	0.115	0.125	C189510	0.100	0.020	C189510	ND	0.020	C189023
Total Nitrogen (N)	mg/L	0.199	0.208	C189946	0.188	0.020	C189946	ND	0.020	C189946

RDL = Reportable Detection Limit

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



RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DYK312			DYK313			DYK313		
Sampling Date		2025/12/09			2025/12/09			2025/12/09		
COC Number		119983			119983			119983		
	UNITS	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L				ND	0.0050	C189509			
Calculated Parameters										
Total Chromium III	mg/L				ND	0.00099	C188025			
Dissolved Hardness (CaCO3)	mg/L				ND	0.50	C187835			
Total Hardness (CaCO3)	mg/L				ND	0.50	C187925			
Nitrate (N)	mg/L				ND	0.020	C187837			
Sulphide (as H2S)	mg/L				ND	0.0020	C187791			
Misc. Inorganics										
pH	pH				5.61	N/A	C189322			
Total Organic Carbon (C)	mg/L				ND	0.50	C190267			
Total Dissolved Solids	mg/L				ND	10	C188377			
Total Suspended Solids	mg/L				ND	1.0	C188372	ND	1.0	C188372
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L				ND	0.50	C189304	ND	0.50	C189304
Anions										
Alkalinity (PP as CaCO3)	mg/L				ND	1.0	C189307			
Alkalinity (Total as CaCO3)	mg/L				ND	1.0	C189307			
Bicarbonate (HCO3)	mg/L				ND	1.0	C189307			
Carbonate (CO3)	mg/L				ND	1.0	C189307			
Fluoride (F)	mg/L				ND	0.050	C188813			
Hydroxide (OH)	mg/L				ND	1.0	C189307			
Total Sulphide	mg/L				ND	0.0018	C191504	ND	0.0018	C191504
Chloride (Cl)	mg/L				ND	1.0	C188414			
Sulphate (SO4)	mg/L				ND	1.0	C188414			
Metals										
Total Hex. Chromium (Cr 6+)	mg/L				ND	0.00099	C188971			
Nutrients										
Total Ammonia (N)	mg/L				ND	0.015	C190025			
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 #: C599806
 Report Date: 2025/12/17

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		DYK312			DYK313			DYK313		
Sampling Date		2025/12/09			2025/12/09			2025/12/09		
COC Number		119983			119983			119983		
	UNITS	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch
Total Phosphorus (P)	mg/L				ND	0.0010	C188768			
Nitrate plus Nitrite (N)	mg/L				ND	0.020	C189505			
Total Nitrogen (N)	mg/L	ND	0.020	C189946	ND	0.020	C189946			
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										



Bureau Veritas Job #: C599806
 Report Date: 2025/12/17

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

GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DYK308		
Sampling Date		2025/12/09		
COC Number		119983		
	UNITS	WLNG -EOP	RDL	QC Batch
Glycols				
Ethylene Glycol	mg/L	ND	3.0	C191178
Diethylene Glycol	mg/L	ND	5.0	C191178
Triethylene Glycol	mg/L	ND	5.0	C191178
Propylene Glycol	mg/L	ND	5.0	C191178
Surrogate Recovery (%)				
Methyl Sulfone (sur.)	%	91		C191178
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



BUREAU
VERITAS

Bureau Veritas Job #: C599806
Report Date: 2025/12/17

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

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DYK307				DYK307				DYK308		DYK309	
Sampling Date		2025/12/09				2025/12/09				2025/12/09		2025/12/09	
COC Number		119983				119983				119983		119983	
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	WLNG-US	RDL	QC Batch		
Elements													
Total Mercury (Hg)	ug/L	0.0032	0.0019	C189166	0.0025	0.0019	C189166	ND	0.0033	0.0019	C189432		
Lab Filtered Elements													
Dissolved Mercury (Hg)	ug/L	0.0028	0.0019	C189229				ND	0.0033	0.0019	C189229		
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.													

Bureau Veritas ID		DYK310	DYK311	DYK312		DYK313		
Sampling Date		2025/12/09	2025/12/09	2025/12/09		2025/12/09		
COC Number		119983	119983	119983		119983		
	UNITS	SQRI-US	SQRI-DS	Field Blank	QC Batch	Trip Blank	RDL	QC Batch
Elements								
Total Mercury (Hg)	ug/L	0.0030	0.0029	ND	C189432	ND	0.0019	C189166
Lab Filtered Elements								
Dissolved Mercury (Hg)	ug/L	0.0026	0.0030	ND	C189229	ND	0.0019	C189229
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		DYK307			DYK307			DYK308		
Sampling Date		2025/12/09			2025/12/09			2025/12/09		
COC Number		119983			119983			119983		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	0.010	C190185				ND	0.010	C190185
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	2.50	0.050	C187932				24.0	0.050	C187932
Dissolved Magnesium (Mg)	mg/L	0.284	0.050	C187932				0.997	0.050	C187932
Dissolved Potassium (K)	mg/L	0.180	0.050	C187932				1.16	0.050	C187932
Dissolved Sodium (Na)	mg/L	1.10	0.050	C187932				5.50	0.050	C187932
Dissolved Sulphur (S)	mg/L	ND	3.0	C187932				3.8	3.0	C187932
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	80.9	0.50	C188787				38.3	0.50	C188780
Dissolved Antimony (Sb)	ug/L	0.032	0.020	C188787				0.498	0.020	C188780
Dissolved Arsenic (As)	ug/L	0.171	0.020	C188787				1.29	0.020	C188780
Dissolved Barium (Ba)	ug/L	2.74	0.020	C188787				5.24	0.020	C188780
Dissolved Beryllium (Be)	ug/L	ND	0.010	C188787				ND	0.010	C188780
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C188787				ND	0.0050	C188780
Dissolved Boron (B)	ug/L	ND	10	C188787				12	10	C188780
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	C188787				0.0097	0.0050	C188780
Dissolved Cesium (Cs)	ug/L	ND	0.050	C188787				ND	0.050	C188780
Dissolved Chromium (Cr)	ug/L	ND	0.10	C188787				ND	0.10	C188780
Dissolved Cobalt (Co)	ug/L	0.0273	0.0050	C188787				0.0580	0.0050	C188780
Dissolved Copper (Cu)	ug/L	0.814	0.050	C188787				0.281	0.050	C188780
Dissolved Iron (Fe)	ug/L	16.2	1.0	C188787				ND	1.0	C188780
Dissolved Lead (Pb)	ug/L	0.0102	0.0050	C188787				ND	0.0050	C188780
Dissolved Lithium (Li)	ug/L	ND	0.50	C188787				3.39	0.50	C188780
Dissolved Manganese (Mn)	ug/L	1.12	0.050	C188787				27.9 (1)	0.050	C188780
Dissolved Molybdenum (Mo)	ug/L	0.960	0.050	C188787				35.6 (1)	0.050	C188780
Dissolved Nickel (Ni)	ug/L	0.308	0.020	C188787				0.128	0.020	C188780
Dissolved Phosphorus (P)	ug/L	36.7	2.0	C188787				2.2	2.0	C188780
Dissolved Rubidium (Rb)	ug/L	0.282	0.050	C188787				2.45 (1)	0.050	C188780
Dissolved Selenium (Se)	ug/L	ND	0.040	C188787				0.044	0.040	C188780
RDL = Reportable Detection Limit										
Lab-Dup = Laboratory Initiated Duplicate										
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										
(1) Matrix spike exceeds acceptance limits due to matrix interference.										



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYK307			DYK307			DYK308		
Sampling Date		2025/12/09			2025/12/09			2025/12/09		
COC Number		119983			119983			119983		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Dissolved Silicon (Si)	ug/L	3120	50	C188787				6770 (1)	50	C188780
Dissolved Silver (Ag)	ug/L	ND	0.0050	C188787				ND	0.0050	C188780
Dissolved Strontium (Sr)	ug/L	8.79	0.050	C188787				43.6 (1)	0.050	C188780
Dissolved Tellurium (Te)	ug/L	ND	0.020	C188787				ND	0.020	C188780
Dissolved Thallium (Tl)	ug/L	ND	0.0020	C188787				0.0092	0.0020	C188780
Dissolved Thorium (Th)	ug/L	ND	0.0050	C188787				ND	0.0050	C188780
Dissolved Tin (Sn)	ug/L	ND	0.20	C188787				ND	0.20	C188780
Dissolved Titanium (Ti)	ug/L	ND	0.50	C188787				ND	0.50	C188780
Dissolved Uranium (U)	ug/L	0.122	0.0020	C188787				0.910	0.0020	C188780
Dissolved Vanadium (V)	ug/L	0.21	0.20	C188787				ND	0.20	C188780
Dissolved Zinc (Zn)	ug/L	1.96	0.10	C188787				2.61	0.10	C188780
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C188787				ND	0.10	C188780
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	122	3.0	C191253	125	3.0	C191253	544	3.0	C191253
Total Antimony (Sb)	ug/L	0.032	0.020	C191253	0.033	0.020	C191253	0.565	0.020	C191253
Total Arsenic (As)	ug/L	0.142	0.020	C191253	0.137	0.020	C191253	1.49	0.020	C191253
Total Barium (Ba)	ug/L	2.93	0.050	C191253	2.97	0.050	C191253	8.15	0.050	C191253
Total Beryllium (Be)	ug/L	ND	0.010	C191253	ND	0.010	C191253	ND	0.010	C191253
Total Bismuth (Bi)	ug/L	ND	0.010	C191253	ND	0.010	C191253	ND	0.010	C191253
Total Boron (B)	ug/L	ND	10	C191253	ND	10	C191253	11	10	C191253
Total Cadmium (Cd)	ug/L	0.0061	0.0050	C191253	0.0056	0.0050	C191253	0.0117	0.0050	C191253
Total Cesium (Cs)	ug/L	ND	0.050	C191253	ND	0.050	C191253	0.079	0.050	C191253
Total Chromium (Cr)	ug/L	0.25	0.10	C191253	ND	0.10	C191253	0.34	0.10	C191253
Total Cobalt (Co)	ug/L	0.050	0.010	C191253	0.041	0.010	C191253	0.105	0.010	C191253
Total Copper (Cu)	ug/L	1.01	0.10	C191253	0.94	0.10	C191253	1.26	0.10	C191253
Total Iron (Fe)	ug/L	59.9	5.0	C191253	59.4	5.0	C191253	360	5.0	C191253
Total Lead (Pb)	ug/L	0.045	0.020	C191253	0.042	0.020	C191253	0.137	0.020	C191253
Total Lithium (Li)	ug/L	ND	0.50	C191253	ND	0.50	C191253	3.17	0.50	C191253
Total Manganese (Mn)	ug/L	2.39	0.10	C191253	2.45	0.10	C191253	32.2	0.10	C191253
Total Molybdenum (Mo)	ug/L	0.802	0.050	C191253	0.802	0.050	C191253	33.7	0.050	C191253
RDL = Reportable Detection Limit										
Lab-Dup = Laboratory Initiated Duplicate										
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										
(1) Matrix spike exceeds acceptance limits due to matrix interference.										



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DYK307			DYK307			DYK308		
Sampling Date		2025/12/09			2025/12/09			2025/12/09		
COC Number		119983			119983			119983		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Total Nickel (Ni)	ug/L	0.45	0.10	C191253	0.27	0.10	C191253	0.91	0.10	C191253
Total Phosphorus (P)	ug/L	37.8	5.0	C191253	39.2	5.0	C191253	7.1	5.0	C191253
Total Rubidium (Rb)	ug/L	0.264	0.050	C191253	0.273	0.050	C191253	2.59	0.050	C191253
Total Selenium (Se)	ug/L	ND	0.040	C191253	0.041	0.040	C191253	0.061	0.040	C191253
Total Silicon (Si)	ug/L	3020	50	C191253	3120	50	C191253	7120	50	C191253
Total Silver (Ag)	ug/L	0.031	0.010	C191253	0.032	0.010	C191253	ND	0.010	C191253
Total Strontium (Sr)	ug/L	8.37	0.050	C191253	8.52	0.050	C191253	43.4	0.050	C191253
Total Tellurium (Te)	ug/L	ND	0.020	C191253	ND	0.020	C191253	ND	0.020	C191253
Total Thallium (Tl)	ug/L	0.0022	0.0020	C191253	ND	0.0020	C191253	0.0144	0.0020	C191253
Total Thorium (Th)	ug/L	ND	0.050	C191253	ND	0.050	C191253	0.111	0.050	C191253
Total Tin (Sn)	ug/L	ND	0.20	C191253	ND	0.20	C191253	ND	0.20	C191253
Total Titanium (Ti)	ug/L	ND	2.0	C191253	ND	2.0	C191253	9.9	2.0	C191253
Total Uranium (U)	ug/L	0.166	0.0050	C191253	0.173	0.0050	C191253	1.12	0.0050	C191253
Total Vanadium (V)	ug/L	ND	0.20	C191253	ND	0.20	C191253	ND	0.20	C191253
Total Zinc (Zn)	ug/L	2.5	1.0	C191253	2.5	1.0	C191253	4.5	1.0	C191253
Total Zirconium (Zr)	ug/L	ND	0.10	C191253	ND	0.10	C191253	ND	0.10	C191253
Total Calcium (Ca)	mg/L	2.25	0.25	C187933				22.9	0.25	C187933
Total Magnesium (Mg)	mg/L	0.27	0.25	C187933				1.04	0.25	C187933
Total Potassium (K)	mg/L	ND	0.25	C187933				1.15	0.25	C187933
Total Sodium (Na)	mg/L	1.07	0.25	C187933				5.25	0.25	C187933
Total Sulphur (S)	mg/L	ND	3.0	C187933				3.3	3.0	C187933

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		DYK309	DYK310	DYK311			DYK311		
Sampling Date		2025/12/09	2025/12/09	2025/12/09			2025/12/09		
COC Number		119983	119983	119983			119983		
	UNITS	WLNG-US	SQRI-US	SQRI-DS	RDL	QC Batch	SQRI-DS Lab-Dup	RDL	QC Batch
ANIONS									
Bromide (Br)	mg/L	ND	ND	ND	0.010	C190418			
Dissolved Metals by ICPMS									
Dissolved Calcium (Ca)	mg/L	2.50	4.79	4.54	0.050	C187932			
Dissolved Magnesium (Mg)	mg/L	0.365	0.556	0.504	0.050	C187932			
Dissolved Potassium (K)	mg/L	0.219	0.475	0.447	0.050	C187932			
Dissolved Sodium (Na)	mg/L	1.27	1.91	1.64	0.050	C187932			
Dissolved Sulphur (S)	mg/L	ND	ND	ND	3.0	C187932			
Lab Filtered Metals									
Dissolved Aluminum (Al)	ug/L	100	85.6	86.4	0.50	C188780	85.1	0.50	C188780
Dissolved Antimony (Sb)	ug/L	0.032	ND	ND	0.020	C188780	ND	0.020	C188780
Dissolved Arsenic (As)	ug/L	0.212	0.096	0.098	0.020	C188780	0.099	0.020	C188780
Dissolved Barium (Ba)	ug/L	2.88	6.44	6.26	0.020	C188780	6.11	0.020	C188780
Dissolved Beryllium (Be)	ug/L	ND	ND	ND	0.010	C188780	ND	0.010	C188780
Dissolved Bismuth (Bi)	ug/L	ND	ND	ND	0.0050	C188780	ND	0.0050	C188780
Dissolved Boron (B)	ug/L	ND	ND	ND	10	C188780	ND	10	C188780
Dissolved Cadmium (Cd)	ug/L	0.0074	0.0106	0.0081	0.0050	C188780	0.0076	0.0050	C188780
Dissolved Cesium (Cs)	ug/L	ND	ND	ND	0.050	C188780	ND	0.050	C188780
Dissolved Chromium (Cr)	ug/L	ND	ND	ND	0.10	C188780	ND	0.10	C188780
Dissolved Cobalt (Co)	ug/L	0.0438	0.0549	0.0514	0.0050	C188780	0.0526	0.0050	C188780
Dissolved Copper (Cu)	ug/L	1.21	0.962	0.914	0.050	C188780	0.914	0.050	C188780
Dissolved Iron (Fe)	ug/L	23.7	138	70.7	1.0	C188780	71.0	1.0	C188780
Dissolved Lead (Pb)	ug/L	0.0164	0.0183	0.0138	0.0050	C188780	0.0140	0.0050	C188780
Dissolved Lithium (Li)	ug/L	ND	ND	ND	0.50	C188780	ND	0.50	C188780
Dissolved Manganese (Mn)	ug/L	0.999	6.82	4.73	0.050	C188780	4.71	0.050	C188780
Dissolved Molybdenum (Mo)	ug/L	0.496	0.436	0.404	0.050	C188780	0.387	0.050	C188780
Dissolved Nickel (Ni)	ug/L	0.361	0.117	0.121	0.020	C188780	0.114	0.020	C188780
Dissolved Phosphorus (P)	ug/L	78.3	11.9	9.5	2.0	C188780	10.1	2.0	C188780
Dissolved Rubidium (Rb)	ug/L	0.257	0.560	0.543	0.050	C188780	0.545	0.050	C188780
Dissolved Selenium (Se)	ug/L	ND	ND	ND	0.040	C188780	ND	0.040	C188780
Dissolved Silicon (Si)	ug/L	3460	3570	3330	50	C188780	3340	50	C188780
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		DYK309	DYK310	DYK311			DYK311		
Sampling Date		2025/12/09	2025/12/09	2025/12/09			2025/12/09		
COC Number		119983	119983	119983			119983		
	UNITS	WLNG-US	SQRI-US	SQRI-DS	RDL	QC Batch	SQRI-DS Lab-Dup	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	ND	ND	0.0050	C188780	ND	0.0050	C188780
Dissolved Strontium (Sr)	ug/L	10.1	27.0	25.6	0.050	C188780	25.1	0.050	C188780
Dissolved Tellurium (Te)	ug/L	ND	ND	ND	0.020	C188780	ND	0.020	C188780
Dissolved Thallium (Tl)	ug/L	0.0021	ND	0.0022	0.0020	C188780	ND	0.0020	C188780
Dissolved Thorium (Th)	ug/L	0.0159	0.0112	0.0091	0.0050	C188780	0.0106	0.0050	C188780
Dissolved Tin (Sn)	ug/L	ND	ND	ND	0.20	C188780	ND	0.20	C188780
Dissolved Titanium (Ti)	ug/L	ND	0.62	0.57	0.50	C188780	0.52	0.50	C188780
Dissolved Uranium (U)	ug/L	0.121	0.0330	0.0349	0.0020	C188780	0.0342	0.0020	C188780
Dissolved Vanadium (V)	ug/L	ND	0.60	0.59	0.20	C188780	0.57	0.20	C188780
Dissolved Zinc (Zn)	ug/L	1.27	1.12	0.72	0.10	C188780	0.74	0.10	C188780
Dissolved Zirconium (Zr)	ug/L	ND	ND	ND	0.10	C188780	ND	0.10	C188780
Total Metals by ICPMS									
Total Aluminum (Al)	ug/L	123	349	280	3.0	C191253			
Total Antimony (Sb)	ug/L	0.034	ND	ND	0.020	C191253			
Total Arsenic (As)	ug/L	0.184	0.096	0.099	0.020	C191253			
Total Barium (Ba)	ug/L	2.91	8.52	8.16	0.050	C191253			
Total Beryllium (Be)	ug/L	ND	ND	ND	0.010	C191253			
Total Bismuth (Bi)	ug/L	ND	ND	ND	0.010	C191253			
Total Boron (B)	ug/L	ND	ND	ND	10	C191253			
Total Cadmium (Cd)	ug/L	0.0064	0.0102	0.0088	0.0050	C191253			
Total Cesium (Cs)	ug/L	ND	ND	ND	0.050	C191253			
Total Chromium (Cr)	ug/L	0.10	0.17	0.14	0.10	C191253			
Total Cobalt (Co)	ug/L	0.051	0.114	0.114	0.010	C191253			
Total Copper (Cu)	ug/L	2.01	1.49	1.48	0.10	C191253			
Total Iron (Fe)	ug/L	58.4	405	266	5.0	C191253			
Total Lead (Pb)	ug/L	0.050	0.087	0.094	0.020	C191253			
Total Lithium (Li)	ug/L	ND	ND	ND	0.50	C191253			
Total Manganese (Mn)	ug/L	1.88	10.2	7.87	0.10	C191253			
Total Molybdenum (Mo)	ug/L	0.408	0.439	0.422	0.050	C191253			
Total Nickel (Ni)	ug/L	0.35	0.26	0.24	0.10	C191253			
Total Phosphorus (P)	ug/L	67.8	26.8	17.7	5.0	C191253			
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		DYK309	DYK310	DYK311			DYK311		
Sampling Date		2025/12/09	2025/12/09	2025/12/09			2025/12/09		
COC Number		119983	119983	119983			119983		
	UNITS	WLNG-US	SQRI-US	SQRI-DS	RDL	QC Batch	SQRI-DS Lab-Dup	RDL	QC Batch
Total Rubidium (Rb)	ug/L	0.241	0.650	0.635	0.050	C191253			
Total Selenium (Se)	ug/L	ND	ND	ND	0.040	C191253			
Total Silicon (Si)	ug/L	3060	3950	3610	50	C191253			
Total Silver (Ag)	ug/L	ND	ND	ND	0.010	C191253			
Total Strontium (Sr)	ug/L	9.38	28.2	26.8	0.050	C191253			
Total Tellurium (Te)	ug/L	ND	ND	ND	0.020	C191253			
Total Thallium (Tl)	ug/L	0.0021	0.0026	0.0022	0.0020	C191253			
Total Thorium (Th)	ug/L	ND	ND	ND	0.050	C191253			
Total Tin (Sn)	ug/L	ND	ND	ND	0.20	C191253			
Total Titanium (Ti)	ug/L	ND	7.8	7.7	2.0	C191253			
Total Uranium (U)	ug/L	0.118	0.0379	0.0413	0.0050	C191253			
Total Vanadium (V)	ug/L	ND	0.64	0.56	0.20	C191253			
Total Zinc (Zn)	ug/L	1.8	1.8	2.0	1.0	C191253			
Total Zirconium (Zr)	ug/L	ND	0.12	ND	0.10	C191253			
Total Calcium (Ca)	mg/L	2.22	4.78	4.65	0.25	C187933			
Total Magnesium (Mg)	mg/L	0.33	0.60	0.54	0.25	C187933			
Total Potassium (K)	mg/L	ND	0.51	0.45	0.25	C187933			
Total Sodium (Na)	mg/L	1.11	1.93	1.60	0.25	C187933			
Total Sulphur (S)	mg/L	ND	ND	ND	3.0	C187933			

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		DYK312			DYK312			DYK313		
Sampling Date		2025/12/09			2025/12/09			2025/12/09		
COC Number		119983			119983			119983		
	UNITS	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	0.010	C190185	ND	0.010	C190185	ND	0.010	C190418
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	ND	0.050	C187932				ND	0.050	C187932
Dissolved Magnesium (Mg)	mg/L	ND	0.050	C187932				ND	0.050	C187932
Dissolved Potassium (K)	mg/L	ND	0.050	C187932				ND	0.050	C187932
Dissolved Sodium (Na)	mg/L	ND	0.050	C187932				ND	0.050	C187932
Dissolved Sulphur (S)	mg/L	ND	3.0	C187932				ND	3.0	C187932
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	ND	0.50	C188780	ND	0.50	C188780	ND	0.50	C188780
Dissolved Antimony (Sb)	ug/L	ND	0.020	C188780	ND	0.020	C188780	ND	0.020	C188780
Dissolved Arsenic (As)	ug/L	ND	0.020	C188780	ND	0.020	C188780	ND	0.020	C188780
Dissolved Barium (Ba)	ug/L	ND	0.020	C188780	ND	0.020	C188780	ND	0.020	C188780
Dissolved Beryllium (Be)	ug/L	ND	0.010	C188780	ND	0.010	C188780	ND	0.010	C188780
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	C188780	ND	0.0050	C188780	ND	0.0050	C188780
Dissolved Boron (B)	ug/L	ND	10	C188780	ND	10	C188780	ND	10	C188780
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	C188780	ND	0.0050	C188780	ND	0.0050	C188780
Dissolved Cesium (Cs)	ug/L	ND	0.050	C188780	ND	0.050	C188780	ND	0.050	C188780
Dissolved Chromium (Cr)	ug/L	ND	0.10	C188780	ND	0.10	C188780	ND	0.10	C188780
Dissolved Cobalt (Co)	ug/L	ND	0.0050	C188780	ND	0.0050	C188780	ND	0.0050	C188780
Dissolved Copper (Cu)	ug/L	ND	0.050	C188780	ND	0.050	C188780	ND	0.050	C188780
Dissolved Iron (Fe)	ug/L	ND	1.0	C188780	ND	1.0	C188780	ND	1.0	C188780
Dissolved Lead (Pb)	ug/L	ND	0.0050	C188780	ND	0.0050	C188780	ND	0.0050	C188780
Dissolved Lithium (Li)	ug/L	ND	0.50	C188780	ND	0.50	C188780	ND	0.50	C188780
Dissolved Manganese (Mn)	ug/L	ND	0.050	C188780	ND	0.050	C188780	ND	0.050	C188780
Dissolved Molybdenum (Mo)	ug/L	ND	0.050	C188780	ND	0.050	C188780	ND	0.050	C188780
Dissolved Nickel (Ni)	ug/L	ND	0.020	C188780	0.023	0.020	C188780	ND	0.020	C188780
Dissolved Phosphorus (P)	ug/L	2.4	2.0	C188780	2.0	2.0	C188780	ND	2.0	C188780
Dissolved Rubidium (Rb)	ug/L	ND	0.050	C188780	ND	0.050	C188780	ND	0.050	C188780
Dissolved Selenium (Se)	ug/L	ND	0.040	C188780	ND	0.040	C188780	ND	0.040	C188780
Dissolved Silicon (Si)	ug/L	ND	50	C188780	ND	50	C188780	ND	50	C188780
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		DYK312			DYK312			DYK313		
Sampling Date		2025/12/09			2025/12/09			2025/12/09		
COC Number		119983			119983			119983		
	UNITS	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	ND	0.0050	C188780	ND	0.0050	C188780	ND	0.0050	C188780
Dissolved Strontium (Sr)	ug/L	ND	0.050	C188780	ND	0.050	C188780	ND	0.050	C188780
Dissolved Tellurium (Te)	ug/L	ND	0.020	C188780	ND	0.020	C188780	ND	0.020	C188780
Dissolved Thallium (Tl)	ug/L	ND	0.0020	C188780	ND	0.0020	C188780	ND	0.0020	C188780
Dissolved Thorium (Th)	ug/L	ND	0.0050	C188780	ND	0.0050	C188780	ND	0.0050	C188780
Dissolved Tin (Sn)	ug/L	ND	0.20	C188780	ND	0.20	C188780	ND	0.20	C188780
Dissolved Titanium (Ti)	ug/L	ND	0.50	C188780	ND	0.50	C188780	ND	0.50	C188780
Dissolved Uranium (U)	ug/L	ND	0.0020	C188780	ND	0.0020	C188780	ND	0.0020	C188780
Dissolved Vanadium (V)	ug/L	ND	0.20	C188780	ND	0.20	C188780	ND	0.20	C188780
Dissolved Zinc (Zn)	ug/L	ND	0.10	C188780	ND	0.10	C188780	ND	0.10	C188780
Dissolved Zirconium (Zr)	ug/L	ND	0.10	C188780	ND	0.10	C188780	ND	0.10	C188780
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	ND	0.50	C190073				ND	0.50	C190073
Total Antimony (Sb)	ug/L	ND	0.020	C190073				ND	0.020	C190073
Total Arsenic (As)	ug/L	ND	0.020	C190073				ND	0.020	C190073
Total Barium (Ba)	ug/L	ND	0.020	C190073				ND	0.020	C190073
Total Beryllium (Be)	ug/L	ND	0.010	C190073				ND	0.010	C190073
Total Bismuth (Bi)	ug/L	ND	0.0050	C190073				ND	0.0050	C190073
Total Boron (B)	ug/L	ND	10	C190073				ND	10	C190073
Total Cadmium (Cd)	ug/L	ND	0.0050	C190073				ND	0.0050	C190073
Total Cesium (Cs)	ug/L	ND	0.050	C190073				ND	0.050	C190073
Total Chromium (Cr)	ug/L	ND	0.10	C190073				ND	0.10	C190073
Total Cobalt (Co)	ug/L	ND	0.0050	C190073				ND	0.0050	C190073
Total Copper (Cu)	ug/L	ND	0.050	C190073				ND	0.050	C190073
Total Iron (Fe)	ug/L	ND	1.0	C190073				ND	1.0	C190073
Total Lead (Pb)	ug/L	ND	0.0050	C190073				ND	0.0050	C190073
Total Lithium (Li)	ug/L	ND	0.50	C190073				ND	0.50	C190073
Total Manganese (Mn)	ug/L	ND	0.050	C190073				ND	0.050	C190073
Total Molybdenum (Mo)	ug/L	ND	0.050	C190073				ND	0.050	C190073
Total Nickel (Ni)	ug/L	ND	0.020	C190073				ND	0.020	C190073
Total Phosphorus (P)	ug/L	ND	2.0	C190073				ND	2.0	C190073
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		DYK312			DYK312			DYK313		
Sampling Date		2025/12/09			2025/12/09			2025/12/09		
COC Number		119983			119983			119983		
	UNITS	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch	Trip Blank	RDL	QC Batch
Total Rubidium (Rb)	ug/L	ND	0.050	C190073				ND	0.050	C190073
Total Selenium (Se)	ug/L	ND	0.040	C190073				ND	0.040	C190073
Total Silicon (Si)	ug/L	ND	50	C190073				ND	50	C190073
Total Silver (Ag)	ug/L	ND	0.0050	C190073				ND	0.0050	C190073
Total Strontium (Sr)	ug/L	ND	0.050	C190073				ND	0.050	C190073
Total Tellurium (Te)	ug/L	ND	0.020	C190073				ND	0.020	C190073
Total Thallium (Tl)	ug/L	ND	0.0020	C190073				ND	0.0020	C190073
Total Thorium (Th)	ug/L	ND	0.050	C190073				ND	0.050	C190073
Total Tin (Sn)	ug/L	ND	0.20	C190073				ND	0.20	C190073
Total Titanium (Ti)	ug/L	ND	0.50	C190073				ND	0.50	C190073
Total Uranium (U)	ug/L	ND	0.0020	C190073				ND	0.0020	C190073
Total Vanadium (V)	ug/L	ND	0.20	C190073				ND	0.20	C190073
Total Zinc (Zn)	ug/L	ND	0.10	C190073				ND	0.10	C190073
Total Zirconium (Zr)	ug/L	ND	0.10	C190073				ND	0.10	C190073
Total Calcium (Ca)	mg/L	ND	0.050	C187933				ND	0.050	C187933
Total Magnesium (Mg)	mg/L	ND	0.050	C187933				ND	0.050	C187933
Total Potassium (K)	mg/L	ND	0.050	C187933				ND	0.050	C187933
Total Sodium (Na)	mg/L	ND	0.050	C187933				ND	0.050	C187933
Total Sulphur (S)	mg/L	ND	3.0	C187933				ND	3.0	C187933

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



Bureau Veritas Job #: C599806
 Report Date: 2025/12/17

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

MISCELLANEOUS (WATER)

Bureau Veritas ID		DYK307	DYK308	DYK309	DYK310	DYK311		
Sampling Date		2025/12/09	2025/12/09	2025/12/09	2025/12/09	2025/12/09		
COC Number		119983	119983	119983	119983	119983		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	SQRI-US	SQRI-DS	RDL	QC Batch
Calculated Parameters								
Total Un-ionized Hydrogen Sulfide as S	mg/L	ND	ND	ND	ND	ND	0.0018	C188022
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	ND	ND	ND	ND	ND	0.0019	C188022
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		DYK308		
Sampling Date		2025/12/09		
COC Number		119983		
	UNITS	WLNG -EOP	RDL	QC Batch
Calculated Parameters				
Low Molecular Weight PAH's	ug/L	ND	0.10	C187938
High Molecular Weight PAH's	ug/L	ND	0.050	C187938
Total PAH	ug/L	ND	0.10	C187938
Polycyclic Aromatics				
Quinoline	ug/L	ND	0.020	C191238
Naphthalene	ug/L	ND	0.10	C191238
1-Methylnaphthalene	ug/L	ND	0.050	C191238
2-Methylnaphthalene	ug/L	ND	0.10	C191238
Acenaphthylene	ug/L	ND	0.050	C191238
Acenaphthene	ug/L	ND	0.050	C191238
Fluorene	ug/L	ND	0.050	C191238
Phenanthrene	ug/L	ND	0.050	C191238
Anthracene	ug/L	ND	0.010	C191238
Acridine	ug/L	ND	0.050	C191238
Fluoranthene	ug/L	ND	0.020	C191238
Pyrene	ug/L	ND	0.020	C191238
Benzo(a)anthracene	ug/L	ND	0.010	C191238
Chrysene	ug/L	ND	0.020	C191238
Benzo(b&j)fluoranthene	ug/L	ND	0.030	C191238
Benzo(k)fluoranthene	ug/L	ND	0.050	C191238
Benzo(a)pyrene	ug/L	ND	0.0050	C191238
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.050	C191238
Dibenz(a,h)anthracene	ug/L	ND	0.0030	C191238
Benzo(g,h,i)perylene	ug/L	ND	0.050	C191238
Calculated Parameters				
LEPH (C10-C19 less PAH)	mg/L	ND	0.20	C187939
HEPH (C19-C32 less PAH)	mg/L	ND	0.20	C187939
Ext. Pet. Hydrocarbon				
EPH (C10-C19)	mg/L	ND	0.20	C191256
EPH (C19-C32)	mg/L	ND (1)	0.20	C191256
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. (1) Surrogate recovery below acceptance criteria. No surrogate added.				



Bureau Veritas Job #: C599806
 Report Date: 2025/12/17

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

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

Bureau Veritas ID		DYK308		
Sampling Date		2025/12/09		
COC Number		119983		
	UNITS	WLNG -EOP	RDL	QC Batch
Surrogate Recovery (%)				
D10-ANTHRACENE (sur.)	%	103		C191238
D8-ACENAPHTHYLENE (sur.)	%	91		C191238
D8-NAPHTHALENE (sur.)	%	82		C191238
TERPHENYL-D14 (sur.)	%	88		C191238
RDL = Reportable Detection Limit				



CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DYK308		
Sampling Date		2025/12/09		
COC Number		119983		
	UNITS	WLNG -EOP	RDL	QC Batch
Calculated Parameters				
VPH (VH6 to 10 - BTEX)	ug/L	ND	300	C188036
Volatiles				
VH C6-C10	ug/L	ND	300	C188814
1,1,1,2-tetrachloroethane	ug/L	ND	0.50	C188814
1,1,1-trichloroethane	ug/L	ND	0.50	C188814
1,1,2-tetrachloroethane	ug/L	ND	0.50	C188814
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	2.0	C188814
1,1,2-trichloroethane	ug/L	ND	0.50	C188814
1,1-dichloroethane	ug/L	ND	0.50	C188814
1,1-dichloroethene	ug/L	ND	0.50	C188814
1,2,3-trichlorobenzene	ug/L	ND	2.0	C188814
1,2,4-trichlorobenzene	ug/L	ND	2.0	C188814
1,2-dibromoethane	ug/L	ND	0.20	C188814
1,2-dichlorobenzene	ug/L	ND	0.50	C188814
1,2-dichloroethane	ug/L	ND	0.50	C188814
1,2-dichloropropane	ug/L	ND	0.50	C188814
1,3,5-trimethylbenzene	ug/L	ND	2.0	C188814
1,3-Butadiene	ug/L	ND	0.50	C188814
1,3-dichlorobenzene	ug/L	ND	0.50	C188814
1,3-dichloropropane	ug/L	ND	1.0	C188814
1,4-dichlorobenzene	ug/L	ND	0.50	C188814
Benzene	ug/L	ND	0.40	C188814
Bromobenzene	ug/L	ND	2.0	C188814
Bromodichloromethane	ug/L	ND	1.0	C188814
Bromoform	ug/L	ND	1.0	C188814
Bromomethane	ug/L	ND	1.0	C188814
Carbon tetrachloride	ug/L	ND	0.50	C188814
Chlorobenzene	ug/L	ND	0.50	C188814
Dibromochloromethane	ug/L	ND	1.0	C188814
Chloroethane	ug/L	ND	1.0	C188814
Chloroform	ug/L	ND	1.0	C188814
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		DYK308		
Sampling Date		2025/12/09		
COC Number		119983		
	UNITS	WLNG -EOP	RDL	QC Batch
Chloromethane	ug/L	ND	1.0	C188814
cis-1,2-dichloroethene	ug/L	ND	1.0	C188814
cis-1,3-dichloropropene	ug/L	ND	1.0	C188814
Dichlorodifluoromethane	ug/L	ND	2.0	C188814
Dichloromethane	ug/L	ND	2.0	C188814
Ethylbenzene	ug/L	ND	0.40	C188814
Hexachlorobutadiene	ug/L	ND	0.50	C188814
Isopropylbenzene	ug/L	ND	2.0	C188814
Methyl-tert-butylether (MTBE)	ug/L	ND	4.0	C188814
Styrene	ug/L	ND	0.50	C188814
Tetrachloroethene	ug/L	ND	0.50	C188814
Toluene	ug/L	ND	0.40	C188814
trans-1,2-dichloroethene	ug/L	ND	1.0	C188814
trans-1,3-dichloropropene	ug/L	ND	1.0	C188814
Trichloroethene	ug/L	ND	0.50	C188814
Trichlorofluoromethane	ug/L	ND	4.0	C188814
Vinyl chloride	ug/L	ND	0.50	C188814
m & p-Xylene	ug/L	ND	0.40	C188814
o-Xylene	ug/L	ND	0.40	C188814
Xylenes (Total)	ug/L	ND	0.40	C188814
Surrogate Recovery (%)				
1,4-Difluorobenzene (sur.)	%	105		C188814
4-Bromofluorobenzene (sur.)	%	92		C188814
D4-1,2-Dichloroethane (sur.)	%	82		C188814
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



**BUREAU
VERITAS**

Bureau Veritas Job #: C599806

Report Date: 2025/12/17

HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

GENERAL COMMENTS

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C599806
Report Date: 2025/12/17

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

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C188371	JLP	Spiked Blank	pH	2025/12/11		100	%	97 - 103
C188371	JLP	RPD	pH	2025/12/11	0.22		%	N/A
C188372	VMP	Matrix Spike [DYK309-12]	Total Suspended Solids	2025/12/11		102	%	80 - 120
C188372	VMP	Spiked Blank	Total Suspended Solids	2025/12/11		100	%	80 - 120
C188372	VMP	Method Blank	Total Suspended Solids	2025/12/11	ND, RDL=1.0		mg/L	
C188372	VMP	RPD [DYK313-12]	Total Suspended Solids	2025/12/11	NC		%	20
C188375	JLP	Spiked Blank	Alkalinity (Total as CaCO3)	2025/12/11		95	%	80 - 120
C188375	JLP	Method Blank	Alkalinity (PP as CaCO3)	2025/12/11	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/12/11	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/12/11	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/12/11	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/12/11	ND, RDL=1.0		mg/L	
C188375	JLP	RPD	Alkalinity (PP as CaCO3)	2025/12/11	NC		%	20
			Alkalinity (Total as CaCO3)	2025/12/11	9.0		%	20
			Bicarbonate (HCO3)	2025/12/11	9.0		%	20
			Carbonate (CO3)	2025/12/11	NC		%	20
			Hydroxide (OH)	2025/12/11	NC		%	20
C188377	AG8	Matrix Spike [DYK313-05]	Total Dissolved Solids	2025/12/11		102	%	80 - 120
C188377	AG8	Spiked Blank	Total Dissolved Solids	2025/12/11		98	%	80 - 120
C188377	AG8	Method Blank	Total Dissolved Solids	2025/12/11	ND, RDL=10		mg/L	
C188377	AG8	RPD	Total Dissolved Solids	2025/12/11	0		%	20
C188385	CBK	Matrix Spike	Chloride (Cl)	2025/12/10		107	%	80 - 120
			Sulphate (SO4)	2025/12/10		NC	%	80 - 120
C188385	CBK	Spiked Blank	Chloride (Cl)	2025/12/10		104	%	80 - 120
			Sulphate (SO4)	2025/12/10		96	%	80 - 120
C188385	CBK	Method Blank	Chloride (Cl)	2025/12/10	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/12/10	ND, RDL=1.0		mg/L	
C188385	CBK	RPD	Chloride (Cl)	2025/12/10	2.0		%	20
			Sulphate (SO4)	2025/12/10	4.3		%	20
C188414	CBK	Matrix Spike	Chloride (Cl)	2025/12/10		109	%	80 - 120
			Sulphate (SO4)	2025/12/10		NC	%	80 - 120
C188414	CBK	Spiked Blank	Chloride (Cl)	2025/12/10		101	%	80 - 120
			Sulphate (SO4)	2025/12/10		98	%	80 - 120
C188414	CBK	Method Blank	Chloride (Cl)	2025/12/10	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/12/10	ND, RDL=1.0		mg/L	
C188414	CBK	RPD	Chloride (Cl)	2025/12/10	NC		%	20
			Sulphate (SO4)	2025/12/10	0.84		%	20
C188440	JLP	Spiked Blank	Alkalinity (Total as CaCO3)	2025/12/11		97	%	80 - 120
C188440	JLP	Method Blank	Alkalinity (PP as CaCO3)	2025/12/11	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/12/11	ND, RDL=1.0		mg/L	



BUREAU
VERITAS

Bureau Veritas Job #: C599806
Report Date: 2025/12/17

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
C188440	JLP	RPD	Bicarbonate (HCO3)	2025/12/11	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/12/11	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/12/11	ND, RDL=1.0		mg/L	
			Alkalinity (PP as CaCO3)	2025/12/11	NC		%	20
			Alkalinity (Total as CaCO3)	2025/12/11	11		%	20
			Bicarbonate (HCO3)	2025/12/11	11		%	20
			Carbonate (CO3)	2025/12/11	NC		%	20
			Hydroxide (OH)	2025/12/11	NC		%	20
			Alkalinity (PP as CaCO3)	2025/12/11	NC		%	20
			Alkalinity (Total as CaCO3)	2025/12/11	0.11		%	20
			Bicarbonate (HCO3)	2025/12/11	0.11		%	20
			Carbonate (CO3)	2025/12/11	NC		%	20
			Hydroxide (OH)	2025/12/11	NC		%	20
			C188445	JLP	Spiked Blank	pH	2025/12/11	
C188445	JLP	RPD	pH	2025/12/11	2.1		%	N/A
			pH	2025/12/11	0.85		%	N/A
C188768	JAV	Matrix Spike	Total Phosphorus (P)	2025/12/12		95	%	N/A
C188768	JAV	Spiked Blank	Total Phosphorus (P)	2025/12/12		109	%	80 - 120
C188768	JAV	Method Blank	Total Phosphorus (P)	2025/12/12	ND, RDL=0.0010		mg/L	
C188768	JAV	RPD	Total Phosphorus (P)	2025/12/12	NC		%	20
C188780	MEM	Matrix Spike [DYK308-10]	Dissolved Aluminum (Al)	2025/12/11		102	%	80 - 120
			Dissolved Antimony (Sb)	2025/12/11		103	%	80 - 120
			Dissolved Arsenic (As)	2025/12/11		104	%	80 - 120
			Dissolved Barium (Ba)	2025/12/11		101	%	80 - 120
			Dissolved Beryllium (Be)	2025/12/11		91	%	80 - 120
			Dissolved Bismuth (Bi)	2025/12/11		100	%	80 - 120
			Dissolved Boron (B)	2025/12/11		100	%	80 - 120
			Dissolved Cadmium (Cd)	2025/12/11		102	%	80 - 120
			Dissolved Cesium (Cs)	2025/12/11		95	%	80 - 120
			Dissolved Chromium (Cr)	2025/12/11		99	%	80 - 120
			Dissolved Cobalt (Co)	2025/12/11		99	%	80 - 120
			Dissolved Copper (Cu)	2025/12/11		97	%	80 - 120
			Dissolved Iron (Fe)	2025/12/11		103	%	80 - 120
			Dissolved Lead (Pb)	2025/12/11		100	%	80 - 120
			Dissolved Lithium (Li)	2025/12/11		94	%	80 - 120
			Dissolved Manganese (Mn)	2025/12/11		99	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/12/11		NC	%	80 - 120
			Dissolved Nickel (Ni)	2025/12/11		98	%	80 - 120
			Dissolved Phosphorus (P)	2025/12/11		106	%	80 - 120
			Dissolved Rubidium (Rb)	2025/12/11		95	%	80 - 120
			Dissolved Selenium (Se)	2025/12/11		102	%	80 - 120
			Dissolved Silicon (Si)	2025/12/11		NC	%	80 - 120
			Dissolved Silver (Ag)	2025/12/11		102	%	80 - 120
			Dissolved Strontium (Sr)	2025/12/11		109	%	80 - 120
			Dissolved Tellurium (Te)	2025/12/11		109	%	80 - 120
			Dissolved Thallium (Tl)	2025/12/11		103	%	80 - 120
			Dissolved Thorium (Th)	2025/12/11		106	%	80 - 120
			Dissolved Tin (Sn)	2025/12/11		102	%	80 - 120
			Dissolved Titanium (Ti)	2025/12/11		105	%	80 - 120



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C188780	MEM	Spiked Blank	Dissolved Uranium (U)	2025/12/11		106	%	80 - 120
			Dissolved Vanadium (V)	2025/12/11		98	%	80 - 120
			Dissolved Zinc (Zn)	2025/12/11		100	%	80 - 120
			Dissolved Zirconium (Zr)	2025/12/11		105	%	80 - 120
			Dissolved Aluminum (Al)	2025/12/11		104	%	80 - 120
			Dissolved Antimony (Sb)	2025/12/11		105	%	80 - 120
			Dissolved Arsenic (As)	2025/12/11		104	%	80 - 120
			Dissolved Barium (Ba)	2025/12/11		103	%	80 - 120
			Dissolved Beryllium (Be)	2025/12/11		94	%	80 - 120
			Dissolved Bismuth (Bi)	2025/12/11		101	%	80 - 120
			Dissolved Boron (B)	2025/12/11		100	%	80 - 120
			Dissolved Cadmium (Cd)	2025/12/11		104	%	80 - 120
			Dissolved Cesium (Cs)	2025/12/11		97	%	80 - 120
			Dissolved Chromium (Cr)	2025/12/11		100	%	80 - 120
			Dissolved Cobalt (Co)	2025/12/11		99	%	80 - 120
			Dissolved Copper (Cu)	2025/12/11		101	%	80 - 120
			Dissolved Iron (Fe)	2025/12/11		105	%	80 - 120
			Dissolved Lead (Pb)	2025/12/11		100	%	80 - 120
			Dissolved Lithium (Li)	2025/12/11		99	%	80 - 120
			Dissolved Manganese (Mn)	2025/12/11		98	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/12/11		105	%	80 - 120
			Dissolved Nickel (Ni)	2025/12/11		101	%	80 - 120
			Dissolved Phosphorus (P)	2025/12/11		106	%	80 - 120
			Dissolved Rubidium (Rb)	2025/12/11		95	%	80 - 120
			Dissolved Selenium (Se)	2025/12/11		103	%	80 - 120
			Dissolved Silicon (Si)	2025/12/11		107	%	80 - 120
			Dissolved Silver (Ag)	2025/12/11		102	%	80 - 120
			Dissolved Strontium (Sr)	2025/12/11		96	%	80 - 120
			Dissolved Tellurium (Te)	2025/12/11		110	%	80 - 120
			Dissolved Thallium (Tl)	2025/12/11		101	%	80 - 120
Dissolved Thorium (Th)	2025/12/11		104	%	80 - 120			
Dissolved Tin (Sn)	2025/12/11		103	%	80 - 120			
Dissolved Titanium (Ti)	2025/12/11		106	%	80 - 120			
Dissolved Uranium (U)	2025/12/11		104	%	80 - 120			
Dissolved Vanadium (V)	2025/12/11		99	%	80 - 120			
Dissolved Zinc (Zn)	2025/12/11		104	%	80 - 120			
Dissolved Zirconium (Zr)	2025/12/11		103	%	80 - 120			
C188780	MEM	Method Blank	Dissolved Aluminum (Al)	2025/12/11	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/12/11	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/12/11	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/12/11	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/12/11	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/12/11	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/12/11	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/12/11	ND, RDL=0.0050		ug/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Cesium (Cs)	2025/12/11	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/12/11	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/12/11	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/12/11	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/12/11	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/12/11	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/12/11	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/12/11	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/12/11	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/12/11	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/12/11	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/12/11	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/12/11	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/12/11	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/12/11	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/12/11	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/12/11	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/12/11	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/12/11	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/12/11	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/12/11	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/12/11	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/12/11	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/12/11	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/12/11	ND, RDL=0.10		ug/L	
C188780	MEM	RPD [DYK311-08]	Dissolved Aluminum (Al)	2025/12/11	1.4		%	20
			Dissolved Antimony (Sb)	2025/12/11	NC		%	20
			Dissolved Arsenic (As)	2025/12/11	1.1		%	20
			Dissolved Barium (Ba)	2025/12/11	2.5		%	20



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Beryllium (Be)	2025/12/11	NC		%	20
			Dissolved Bismuth (Bi)	2025/12/11	NC		%	20
			Dissolved Boron (B)	2025/12/11	NC		%	20
			Dissolved Cadmium (Cd)	2025/12/11	6.4		%	20
			Dissolved Cesium (Cs)	2025/12/11	NC		%	20
			Dissolved Chromium (Cr)	2025/12/11	NC		%	20
			Dissolved Cobalt (Co)	2025/12/11	2.3		%	20
			Dissolved Copper (Cu)	2025/12/11	0.022		%	20
			Dissolved Iron (Fe)	2025/12/11	0.53		%	20
			Dissolved Lead (Pb)	2025/12/11	1.4		%	20
			Dissolved Lithium (Li)	2025/12/11	NC		%	20
			Dissolved Manganese (Mn)	2025/12/11	0.50		%	20
			Dissolved Molybdenum (Mo)	2025/12/11	4.2		%	20
			Dissolved Nickel (Ni)	2025/12/11	6.4		%	20
			Dissolved Phosphorus (P)	2025/12/11	5.6		%	20
			Dissolved Rubidium (Rb)	2025/12/11	0.37		%	20
			Dissolved Selenium (Se)	2025/12/11	NC		%	20
			Dissolved Silicon (Si)	2025/12/11	0.47		%	20
			Dissolved Silver (Ag)	2025/12/11	NC		%	20
			Dissolved Strontium (Sr)	2025/12/11	2.1		%	20
			Dissolved Tellurium (Te)	2025/12/11	NC		%	20
			Dissolved Thallium (Tl)	2025/12/11	9.5		%	20
			Dissolved Thorium (Th)	2025/12/11	15		%	20
			Dissolved Tin (Sn)	2025/12/11	NC		%	20
			Dissolved Titanium (Ti)	2025/12/11	10		%	20
			Dissolved Uranium (U)	2025/12/11	2.0		%	20
			Dissolved Vanadium (V)	2025/12/11	4.4		%	20
			Dissolved Zinc (Zn)	2025/12/11	2.7		%	20
			Dissolved Zirconium (Zr)	2025/12/11	NC		%	20
C188780	MEM	RPD [DYK312-08]	Dissolved Aluminum (Al)	2025/12/11	NC		%	20
			Dissolved Antimony (Sb)	2025/12/11	NC		%	20
			Dissolved Arsenic (As)	2025/12/11	NC		%	20
			Dissolved Barium (Ba)	2025/12/11	NC		%	20
			Dissolved Beryllium (Be)	2025/12/11	NC		%	20
			Dissolved Bismuth (Bi)	2025/12/11	NC		%	20
			Dissolved Boron (B)	2025/12/11	NC		%	20
			Dissolved Cadmium (Cd)	2025/12/11	NC		%	20
			Dissolved Cesium (Cs)	2025/12/11	NC		%	20
			Dissolved Chromium (Cr)	2025/12/11	NC		%	20
			Dissolved Cobalt (Co)	2025/12/11	NC		%	20
			Dissolved Copper (Cu)	2025/12/11	NC		%	20
			Dissolved Iron (Fe)	2025/12/11	NC		%	20
			Dissolved Lead (Pb)	2025/12/11	NC		%	20
			Dissolved Lithium (Li)	2025/12/11	NC		%	20
			Dissolved Manganese (Mn)	2025/12/11	NC		%	20
			Dissolved Molybdenum (Mo)	2025/12/11	NC		%	20
			Dissolved Nickel (Ni)	2025/12/11	12		%	20
			Dissolved Phosphorus (P)	2025/12/11	18		%	20
			Dissolved Rubidium (Rb)	2025/12/11	NC		%	20
			Dissolved Selenium (Se)	2025/12/11	NC		%	20
			Dissolved Silicon (Si)	2025/12/11	NC		%	20
			Dissolved Silver (Ag)	2025/12/11	NC		%	20
			Dissolved Strontium (Sr)	2025/12/11	NC		%	20



BUREAU
VERITAS

Bureau Veritas Job #: C599806
Report Date: 2025/12/17

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
				Dissolved Tellurium (Te)	2025/12/11	NC		%	20
				Dissolved Thallium (Tl)	2025/12/11	NC		%	20
				Dissolved Thorium (Th)	2025/12/11	NC		%	20
				Dissolved Tin (Sn)	2025/12/11	NC		%	20
				Dissolved Titanium (Ti)	2025/12/11	NC		%	20
				Dissolved Uranium (U)	2025/12/11	NC		%	20
				Dissolved Vanadium (V)	2025/12/11	NC		%	20
				Dissolved Zinc (Zn)	2025/12/11	NC		%	20
				Dissolved Zirconium (Zr)	2025/12/11	NC		%	20
C188787	MEM		Matrix Spike	Dissolved Aluminum (Al)	2025/12/11		99	%	80 - 120
				Dissolved Antimony (Sb)	2025/12/11		103	%	80 - 120
				Dissolved Arsenic (As)	2025/12/11		103	%	80 - 120
				Dissolved Barium (Ba)	2025/12/11		NC	%	80 - 120
				Dissolved Beryllium (Be)	2025/12/11		99	%	80 - 120
				Dissolved Bismuth (Bi)	2025/12/11		97	%	80 - 120
				Dissolved Boron (B)	2025/12/11		102	%	80 - 120
				Dissolved Cadmium (Cd)	2025/12/11		102	%	80 - 120
				Dissolved Cesium (Cs)	2025/12/11		94	%	80 - 120
				Dissolved Chromium (Cr)	2025/12/11		100	%	80 - 120
				Dissolved Cobalt (Co)	2025/12/11		96	%	80 - 120
				Dissolved Copper (Cu)	2025/12/11		93	%	80 - 120
				Dissolved Iron (Fe)	2025/12/11		101	%	80 - 120
				Dissolved Lead (Pb)	2025/12/11		99	%	80 - 120
				Dissolved Lithium (Li)	2025/12/11		94	%	80 - 120
				Dissolved Manganese (Mn)	2025/12/11		92	%	80 - 120
				Dissolved Molybdenum (Mo)	2025/12/11		106	%	80 - 120
				Dissolved Nickel (Ni)	2025/12/11		91	%	80 - 120
				Dissolved Phosphorus (P)	2025/12/11		113	%	80 - 120
				Dissolved Rubidium (Rb)	2025/12/11		93	%	80 - 120
				Dissolved Selenium (Se)	2025/12/11		103	%	80 - 120
				Dissolved Silicon (Si)	2025/12/11		98	%	80 - 120
				Dissolved Silver (Ag)	2025/12/11		100	%	80 - 120
				Dissolved Strontium (Sr)	2025/12/11		NC	%	80 - 120
				Dissolved Tellurium (Te)	2025/12/11		107	%	80 - 120
				Dissolved Thallium (Tl)	2025/12/11		101	%	80 - 120
				Dissolved Thorium (Th)	2025/12/11		100	%	80 - 120
				Dissolved Tin (Sn)	2025/12/11		103	%	80 - 120
				Dissolved Titanium (Ti)	2025/12/11		101	%	80 - 120
				Dissolved Uranium (U)	2025/12/11		101	%	80 - 120
				Dissolved Vanadium (V)	2025/12/11		98	%	80 - 120
				Dissolved Zinc (Zn)	2025/12/11		NC	%	80 - 120
				Dissolved Zirconium (Zr)	2025/12/11		105	%	80 - 120
C188787	MEM		Spiked Blank	Dissolved Aluminum (Al)	2025/12/11		99	%	80 - 120
				Dissolved Antimony (Sb)	2025/12/11		103	%	80 - 120
				Dissolved Arsenic (As)	2025/12/11		102	%	80 - 120
				Dissolved Barium (Ba)	2025/12/11		103	%	80 - 120
				Dissolved Beryllium (Be)	2025/12/11		97	%	80 - 120
				Dissolved Bismuth (Bi)	2025/12/11		99	%	80 - 120
				Dissolved Boron (B)	2025/12/11		98	%	80 - 120
				Dissolved Cadmium (Cd)	2025/12/11		103	%	80 - 120
				Dissolved Cesium (Cs)	2025/12/11		95	%	80 - 120
				Dissolved Chromium (Cr)	2025/12/11		99	%	80 - 120
				Dissolved Cobalt (Co)	2025/12/11		100	%	80 - 120



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Copper (Cu)	2025/12/11		98	%	80 - 120
			Dissolved Iron (Fe)	2025/12/11		100	%	80 - 120
			Dissolved Lead (Pb)	2025/12/11		99	%	80 - 120
			Dissolved Lithium (Li)	2025/12/11		95	%	80 - 120
			Dissolved Manganese (Mn)	2025/12/11		94	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/12/11		104	%	80 - 120
			Dissolved Nickel (Ni)	2025/12/11		96	%	80 - 120
			Dissolved Phosphorus (P)	2025/12/11		99	%	80 - 120
			Dissolved Rubidium (Rb)	2025/12/11		95	%	80 - 120
			Dissolved Selenium (Se)	2025/12/11		102	%	80 - 120
			Dissolved Silicon (Si)	2025/12/11		98	%	80 - 120
			Dissolved Silver (Ag)	2025/12/11		102	%	80 - 120
			Dissolved Strontium (Sr)	2025/12/11		97	%	80 - 120
			Dissolved Tellurium (Te)	2025/12/11		107	%	80 - 120
			Dissolved Thallium (Tl)	2025/12/11		98	%	80 - 120
			Dissolved Thorium (Th)	2025/12/11		97	%	80 - 120
			Dissolved Tin (Sn)	2025/12/11		103	%	80 - 120
			Dissolved Titanium (Ti)	2025/12/11		102	%	80 - 120
			Dissolved Uranium (U)	2025/12/11		97	%	80 - 120
			Dissolved Vanadium (V)	2025/12/11		99	%	80 - 120
			Dissolved Zinc (Zn)	2025/12/11		102	%	80 - 120
			Dissolved Zirconium (Zr)	2025/12/11		104	%	80 - 120
C188787	MEM	Method Blank	Dissolved Aluminum (Al)	2025/12/11	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/12/11	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/12/11	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/12/11	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/12/11	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/12/11	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/12/11	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/12/11	ND, RDL=0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/12/11	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/12/11	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/12/11	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/12/11	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/12/11	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/12/11	ND, RDL=0.0050		ug/L	
			Dissolved Lithium (Li)	2025/12/11	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/12/11	ND, RDL=0.050		ug/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Molybdenum (Mo)	2025/12/11	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/12/11	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/12/11	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/12/11	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/12/11	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/12/11	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/12/11	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/12/11	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/12/11	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/12/11	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/12/11	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/12/11	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/12/11	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/12/11	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/12/11	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/12/11	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/12/11	ND, RDL=0.10		ug/L	
C188787	MEM	RPD	Dissolved Aluminum (Al)	2025/12/11	2.7		%	20
			Dissolved Antimony (Sb)	2025/12/11	0.91		%	20
			Dissolved Arsenic (As)	2025/12/11	2.7		%	20
			Dissolved Barium (Ba)	2025/12/11	0.77		%	20
			Dissolved Beryllium (Be)	2025/12/11	NC		%	20
			Dissolved Bismuth (Bi)	2025/12/11	NC		%	20
			Dissolved Boron (B)	2025/12/11	NC		%	20
			Dissolved Cadmium (Cd)	2025/12/11	0.29		%	20
			Dissolved Chromium (Cr)	2025/12/11	NC		%	20
			Dissolved Cobalt (Co)	2025/12/11	4.3		%	20
			Dissolved Copper (Cu)	2025/12/11	0.25		%	20
			Dissolved Iron (Fe)	2025/12/11	NC		%	20
			Dissolved Lead (Pb)	2025/12/11	6.1		%	20
			Dissolved Lithium (Li)	2025/12/11	6.1		%	20
			Dissolved Manganese (Mn)	2025/12/11	1.3		%	20
			Dissolved Molybdenum (Mo)	2025/12/11	0.047		%	20
			Dissolved Nickel (Ni)	2025/12/11	3.5		%	20
			Dissolved Phosphorus (P)	2025/12/11	7.1		%	20
			Dissolved Selenium (Se)	2025/12/11	1.9		%	20
			Dissolved Silicon (Si)	2025/12/11	1.1		%	20



BUREAU
VERITAS

Bureau Veritas Job #: C599806

Report Date: 2025/12/17

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
				Dissolved Silver (Ag)	2025/12/11	NC		%	20
				Dissolved Strontium (Sr)	2025/12/11	0.84		%	20
				Dissolved Thallium (Tl)	2025/12/11	2.9		%	20
				Dissolved Tin (Sn)	2025/12/11	NC		%	20
				Dissolved Titanium (Ti)	2025/12/11	NC		%	20
				Dissolved Uranium (U)	2025/12/11	0.18		%	20
				Dissolved Vanadium (V)	2025/12/11	NC		%	20
				Dissolved Zinc (Zn)	2025/12/11	2.6		%	20
				Dissolved Zirconium (Zr)	2025/12/11	NC		%	20
C188813	CJY		Matrix Spike [DYK307-05]	Dissolved Fluoride (F)	2025/12/11		106	%	80 - 120
C188813	CJY		Spiked Blank	Dissolved Fluoride (F)	2025/12/11		105	%	80 - 120
C188813	CJY		Method Blank	Dissolved Fluoride (F)	2025/12/11	ND, RDL=0.050		mg/L	
C188813	CJY	RPD		Fluoride (F)	2025/12/11	NC		%	20
C188814	NGU		Matrix Spike	1,4-Difluorobenzene (sur.)	2025/12/11		101	%	50 - 140
				4-Bromofluorobenzene (sur.)	2025/12/11		104	%	50 - 140
				D4-1,2-Dichloroethane (sur.)	2025/12/11		85	%	50 - 140
				1,1,1,2-tetrachloroethane	2025/12/11		88	%	50 - 140
				1,1,1-trichloroethane	2025/12/11		91	%	50 - 140
				1,1,2,2-tetrachloroethane	2025/12/11		83	%	50 - 140
				1,1,2Trichloro-1,2,2Trifluoroethane	2025/12/11		84	%	50 - 140
				1,1,2-trichloroethane	2025/12/11		84	%	50 - 140
				1,1-dichloroethane	2025/12/11		91	%	50 - 140
				1,1-dichloroethene	2025/12/11		103	%	50 - 140
				1,2,3-trichlorobenzene	2025/12/11		87	%	50 - 140
				1,2,4-trichlorobenzene	2025/12/11		88	%	50 - 140
				1,2-dibromoethane	2025/12/11		86	%	50 - 140
				1,2-dichlorobenzene	2025/12/11		90	%	50 - 140
				1,2-dichloroethane	2025/12/11		78	%	50 - 140
				1,2-dichloropropane	2025/12/11		88	%	50 - 140
				1,3,5-trimethylbenzene	2025/12/11		88	%	50 - 140
				1,3-dichlorobenzene	2025/12/11		93	%	50 - 140
				1,3-dichloropropane	2025/12/11		87	%	50 - 140
				1,4-dichlorobenzene	2025/12/11		82	%	50 - 140
				Benzene	2025/12/11		85	%	50 - 140
				Bromobenzene	2025/12/11		91	%	50 - 140
				Bromodichloromethane	2025/12/11		84	%	50 - 140
				Bromoform	2025/12/11		112	%	50 - 140
				Bromomethane	2025/12/11		86	%	50 - 140
				Carbon tetrachloride	2025/12/11		92	%	50 - 140
				Chlorobenzene	2025/12/11		85	%	50 - 140
				Dibromochloromethane	2025/12/11		86	%	50 - 140
				Chloroethane	2025/12/11		80	%	50 - 140
				Chloroform	2025/12/11		NC	%	50 - 140
				Chloromethane	2025/12/11		94	%	50 - 140
				cis-1,2-dichloroethene	2025/12/11		84	%	50 - 140
				cis-1,3-dichloropropene	2025/12/11		88	%	50 - 140
				Dichlorodifluoromethane	2025/12/11		89	%	50 - 140
				Dichloromethane	2025/12/11		78	%	50 - 140
				Ethylbenzene	2025/12/11		90	%	50 - 140
				Hexachlorobutadiene	2025/12/11		90	%	50 - 140
				Isopropylbenzene	2025/12/11		90	%	50 - 140
				Methyl-tert-butylether (MTBE)	2025/12/11		73	%	50 - 140



BUREAU
VERITAS

Bureau Veritas Job #: C599806
Report Date: 2025/12/17

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
				Tetrachloroethene	2025/12/11		88	%	50 - 140
				Toluene	2025/12/11		77	%	50 - 140
				trans-1,2-dichloroethene	2025/12/11		92	%	50 - 140
				trans-1,3-dichloropropene	2025/12/11		76	%	50 - 140
				Trichloroethene	2025/12/11		87	%	50 - 140
				Trichlorofluoromethane	2025/12/11		79	%	50 - 140
				Vinyl chloride	2025/12/11		94	%	50 - 140
				m & p-Xylene	2025/12/11		83	%	50 - 140
				o-Xylene	2025/12/11		88	%	50 - 140
C188814	NGU		Spiked Blank	1,4-Difluorobenzene (sur.)	2025/12/12		100	%	50 - 140
				4-Bromofluorobenzene (sur.)	2025/12/12		103	%	50 - 140
				D4-1,2-Dichloroethane (sur.)	2025/12/12		82	%	50 - 140
				VH C6-C10	2025/12/12		113	%	70 - 130
				1,1,1,2-tetrachloroethane	2025/12/12		87	%	60 - 130
				1,1,1-trichloroethane	2025/12/12		90	%	60 - 130
				1,1,2,2-tetrachloroethane	2025/12/12		80	%	60 - 130
				1,1,2Trichloro-1,2,2Trifluoroethane	2025/12/12		84	%	60 - 130
				1,1,2-trichloroethane	2025/12/12		82	%	60 - 130
				1,1-dichloroethane	2025/12/12		91	%	60 - 130
				1,1-dichloroethene	2025/12/12		103	%	60 - 130
				1,2,3-trichlorobenzene	2025/12/12		85	%	60 - 130
				1,2,4-trichlorobenzene	2025/12/12		86	%	60 - 130
				1,2-dibromoethane	2025/12/12		84	%	60 - 130
				1,2-dichlorobenzene	2025/12/12		90	%	60 - 130
				1,2-dichloroethane	2025/12/12		76	%	60 - 130
				1,2-dichloropropane	2025/12/12		86	%	60 - 130
				1,3,5-trimethylbenzene	2025/12/12		104	%	60 - 130
				1,3-Butadiene	2025/12/12		81	%	50 - 140
				1,3-dichlorobenzene	2025/12/12		94	%	60 - 130
				1,3-dichloropropane	2025/12/12		85	%	60 - 130
				1,4-dichlorobenzene	2025/12/12		82	%	60 - 130
				Benzene	2025/12/12		86	%	60 - 130
				Bromobenzene	2025/12/12		91	%	60 - 130
				Bromodichloromethane	2025/12/12		83	%	60 - 130
				Bromoform	2025/12/12		109	%	60 - 130
				Bromomethane	2025/12/12		78	%	50 - 140
				Carbon tetrachloride	2025/12/12		92	%	60 - 130
				Chlorobenzene	2025/12/12		84	%	60 - 130
				Dibromochloromethane	2025/12/12		84	%	60 - 130
				Chloroethane	2025/12/12		74	%	50 - 140
				Chloroform	2025/12/12		83	%	60 - 130
				Chloromethane	2025/12/12		91	%	50 - 140
				cis-1,2-dichloroethene	2025/12/12		83	%	60 - 130
				cis-1,3-dichloropropene	2025/12/12		79	%	50 - 140
				Dichlorodifluoromethane	2025/12/12		89	%	50 - 140
				Dichloromethane	2025/12/12		77	%	60 - 130
				Ethylbenzene	2025/12/12		91	%	60 - 130
				Hexachlorobutadiene	2025/12/12		92	%	60 - 130
				Isopropylbenzene	2025/12/12		92	%	60 - 130
				Methyl-tert-butylether (MTBE)	2025/12/12		73	%	60 - 130
				Styrene	2025/12/12		83	%	60 - 130
				Tetrachloroethene	2025/12/12		88	%	60 - 130
				Toluene	2025/12/12		78	%	60 - 130



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits		
C188814	NGU	Method Blank	trans-1,2-dichloroethene	2025/12/12		91	%	60 - 130		
			trans-1,3-dichloropropene	2025/12/12		66	%	50 - 140		
			Trichloroethene	2025/12/12		84	%	60 - 130		
			Trichlorofluoromethane	2025/12/12		81	%	60 - 130		
			Vinyl chloride	2025/12/12		94	%	50 - 140		
			m & p-Xylene	2025/12/12		84	%	60 - 130		
			o-Xylene	2025/12/12		89	%	60 - 130		
			1,4-Difluorobenzene (sur.)	2025/12/12		104	%	50 - 140		
			4-Bromofluorobenzene (sur.)	2025/12/12		91	%	50 - 140		
			D4-1,2-Dichloroethane (sur.)	2025/12/12		80	%	50 - 140		
			VH C6-C10	2025/12/12		ND, RDL=300			ug/L	
			1,1,1,2-tetrachloroethane	2025/12/12		ND, RDL=0.50			ug/L	
			1,1,1-trichloroethane	2025/12/12		ND, RDL=0.50			ug/L	
			1,1,2,2-tetrachloroethane	2025/12/12		ND, RDL=0.50			ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/12/12		ND, RDL=2.0			ug/L	
			1,1,2-trichloroethane	2025/12/12		ND, RDL=0.50			ug/L	
			1,1-dichloroethane	2025/12/12		ND, RDL=0.50			ug/L	
			1,1-dichloroethene	2025/12/12		ND, RDL=0.50			ug/L	
			1,2,3-trichlorobenzene	2025/12/12		ND, RDL=2.0			ug/L	
			1,2,4-trichlorobenzene	2025/12/12		ND, RDL=2.0			ug/L	
			1,2-dibromoethane	2025/12/12		ND, RDL=0.20			ug/L	
			1,2-dichlorobenzene	2025/12/12		ND, RDL=0.50			ug/L	
			1,2-dichloroethane	2025/12/12		ND, RDL=0.50			ug/L	
			1,2-dichloropropane	2025/12/12		ND, RDL=0.50			ug/L	
			1,3,5-trimethylbenzene	2025/12/12		ND, RDL=2.0			ug/L	
			1,3-Butadiene	2025/12/12		ND, RDL=0.50			ug/L	
			1,3-dichlorobenzene	2025/12/12		ND, RDL=0.50			ug/L	
			1,3-dichloropropane	2025/12/12		ND, RDL=1.0			ug/L	
			1,4-dichlorobenzene	2025/12/12		ND, RDL=0.50			ug/L	
			Benzene	2025/12/12		ND, RDL=0.40			ug/L	
			Bromobenzene	2025/12/12		ND, RDL=2.0			ug/L	
			Bromodichloromethane	2025/12/12		ND, RDL=1.0			ug/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Bromoform	2025/12/12	ND, RDL=1.0		ug/L	
			Bromomethane	2025/12/12	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/12/12	ND, RDL=0.50		ug/L	
			Chlorobenzene	2025/12/12	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/12/12	ND, RDL=1.0		ug/L	
			Chloroethane	2025/12/12	ND, RDL=1.0		ug/L	
			Chloroform	2025/12/12	ND, RDL=1.0		ug/L	
			Chloromethane	2025/12/12	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/12/12	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/12/12	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/12/12	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/12/12	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/12/12	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/12/12	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/12/12	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/12/12	ND, RDL=4.0		ug/L	
			Styrene	2025/12/12	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/12/12	ND, RDL=0.50		ug/L	
			Toluene	2025/12/12	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/12/12	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/12/12	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/12/12	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/12/12	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/12/12	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/12/12	ND, RDL=0.40		ug/L	
			o-Xylene	2025/12/12	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/12/12	ND, RDL=0.40		ug/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C188814	NGU	RPD	Bromodichloromethane	2025/12/12	2.4		%	30
			Bromoform	2025/12/12	NC		%	30
			Dibromochloromethane	2025/12/12	NC		%	30
			Chloroform	2025/12/12	3.5		%	30
C188971	JAV	Matrix Spike	Total Hex. Chromium (Cr 6+)	2025/12/11		82	%	80 - 120
C188971	JAV	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/12/11		107	%	80 - 120
C188971	JAV	Method Blank	Total Hex. Chromium (Cr 6+)	2025/12/11	ND, RDL=0.00099		mg/L	
C188971	JAV	RPD	Total Hex. Chromium (Cr 6+)	2025/12/11	NC		%	20
C189023	JGL	Matrix Spike	Nitrate plus Nitrite (N)	2025/12/11		NC	%	80 - 120
C189023	JGL	Spiked Blank	Nitrate plus Nitrite (N)	2025/12/11		112	%	80 - 120
C189023	JGL	Method Blank	Nitrate plus Nitrite (N)	2025/12/11	ND, RDL=0.020		mg/L	
C189023	JGL	RPD	Nitrate plus Nitrite (N)	2025/12/11	1.9 (1)		%	25
C189041	JGL	Matrix Spike	Nitrite (N)	2025/12/11		120	%	80 - 120
C189041	JGL	Spiked Blank	Nitrite (N)	2025/12/11		108	%	80 - 120
C189041	JGL	Method Blank	Nitrite (N)	2025/12/11	ND, RDL=0.0050		mg/L	
C189041	JGL	RPD	Nitrite (N)	2025/12/11	0.20		%	20
C189166	C2L	Matrix Spike [DYK307-06]	Total Mercury (Hg)	2025/12/11		102	%	80 - 120
C189166	C2L	Spiked Blank	Total Mercury (Hg)	2025/12/11		107	%	80 - 120
C189166	C2L	Method Blank	Total Mercury (Hg)	2025/12/11	ND, RDL=0.0019		ug/L	
C189166	C2L	RPD [DYK307-06]	Total Mercury (Hg)	2025/12/11	NC		%	20
C189229	C2L	Matrix Spike	Dissolved Mercury (Hg)	2025/12/11		103	%	80 - 120
C189229	C2L	Spiked Blank	Dissolved Mercury (Hg)	2025/12/11		104	%	80 - 120
C189229	C2L	Method Blank	Dissolved Mercury (Hg)	2025/12/11	ND, RDL=0.0019		ug/L	
C189229	C2L	RPD	Dissolved Mercury (Hg)	2025/12/11	12		%	20
C189304	BTM	Matrix Spike [DYK313-01]	Dissolved Organic Carbon (C)	2025/12/12		96	%	80 - 120
C189304	BTM	Spiked Blank	Dissolved Organic Carbon (C)	2025/12/12		92	%	80 - 120
C189304	BTM	Method Blank	Dissolved Organic Carbon (C)	2025/12/12	ND, RDL=0.50		mg/L	
C189304	BTM	RPD [DYK313-01]	Dissolved Organic Carbon (C)	2025/12/12	NC		%	20
C189307	JLP	Spiked Blank	Alkalinity (Total as CaCO3)	2025/12/11		94	%	80 - 120
C189307	JLP	Method Blank	Alkalinity (PP as CaCO3)	2025/12/11	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/12/11	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/12/11	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/12/11	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/12/11	ND, RDL=1.0		mg/L	
C189307	JLP	RPD	Alkalinity (PP as CaCO3)	2025/12/11	NC		%	20
			Alkalinity (Total as CaCO3)	2025/12/11	1.0		%	20
			Bicarbonate (HCO3)	2025/12/11	1.0		%	20
			Carbonate (CO3)	2025/12/11	NC		%	20
			Hydroxide (OH)	2025/12/11	NC		%	20
C189322	JLP	Spiked Blank	pH	2025/12/11		100	%	97 - 103
C189322	JLP	RPD	pH	2025/12/11	0.65		%	N/A
C189432	C2L	Matrix Spike	Total Mercury (Hg)	2025/12/11		103	%	80 - 120



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Bureau Veritas Job #: C599806
Report Date: 2025/12/17

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
C189432	C2L	Spiked Blank	Total Mercury (Hg)	2025/12/11		103	%	80 - 120
C189432	C2L	Method Blank	Total Mercury (Hg)	2025/12/11	ND, RDL=0.0019		ug/L	
C189432	C2L	RPD	Total Mercury (Hg)	2025/12/11	NC		%	20
C189505	JGL	Matrix Spike	Nitrate plus Nitrite (N)	2025/12/11		116	%	80 - 120
C189505	JGL	Spiked Blank	Nitrate plus Nitrite (N)	2025/12/11		109	%	80 - 120
C189505	JGL	Method Blank	Nitrate plus Nitrite (N)	2025/12/11	ND, RDL=0.020		mg/L	
C189505	JGL	RPD	Nitrate plus Nitrite (N)	2025/12/11	7.4		%	25
C189509	JGL	Matrix Spike	Nitrite (N)	2025/12/11		123 (2)	%	80 - 120
C189509	JGL	Spiked Blank	Nitrite (N)	2025/12/11		105	%	80 - 120
C189509	JGL	Method Blank	Nitrite (N)	2025/12/11	ND, RDL=0.0050		mg/L	
C189509	JGL	RPD	Nitrite (N)	2025/12/11	NC		%	20
C189510	JGL	Matrix Spike	Nitrate plus Nitrite (N)	2025/12/11		116	%	80 - 120
C189510	JGL	Spiked Blank	Nitrate plus Nitrite (N)	2025/12/11		112	%	80 - 120
C189510	JGL	Method Blank	Nitrate plus Nitrite (N)	2025/12/11	ND, RDL=0.020		mg/L	
C189510	JGL	RPD	Nitrate plus Nitrite (N)	2025/12/11	NC		%	25
C189511	JGL	Matrix Spike	Nitrite (N)	2025/12/11		128 (2)	%	80 - 120
C189511	JGL	Spiked Blank	Nitrite (N)	2025/12/11		106	%	80 - 120
C189511	JGL	Method Blank	Nitrite (N)	2025/12/11	ND, RDL=0.0050		mg/L	
C189511	JGL	RPD	Nitrite (N)	2025/12/11	NC		%	20
C189678	BB3	Matrix Spike [DYK307-11]	Total Ammonia (N)	2025/12/11		99	%	80 - 120
C189678	BB3	Spiked Blank	Total Ammonia (N)	2025/12/11		105	%	80 - 120
C189678	BB3	Method Blank	Total Ammonia (N)	2025/12/11	ND, RDL=0.015		mg/L	
C189678	BB3	RPD [DYK307-11]	Total Ammonia (N)	2025/12/11	NC		%	20
C189946	BB3	Matrix Spike [DYK312-10]	Total Nitrogen (N)	2025/12/15		96	%	80 - 120
C189946	BB3	Spiked Blank	Total Nitrogen (N)	2025/12/15		98	%	80 - 120
C189946	BB3	Method Blank	Total Nitrogen (N)	2025/12/15	ND, RDL=0.020		mg/L	
C189946	BB3	RPD [DYK312-10]	Total Nitrogen (N)	2025/12/15	NC		%	20
C189996	BB3	Matrix Spike	Total Ammonia (N)	2025/12/12		96	%	80 - 120
C189996	BB3	Spiked Blank	Total Ammonia (N)	2025/12/12		106	%	80 - 120
C189996	BB3	Method Blank	Total Ammonia (N)	2025/12/12	ND, RDL=0.015		mg/L	
C189996	BB3	RPD	Total Ammonia (N)	2025/12/12	0.61		%	20
C190025	BB3	Matrix Spike	Total Ammonia (N)	2025/12/12		102	%	80 - 120
C190025	BB3	Spiked Blank	Total Ammonia (N)	2025/12/12		109	%	80 - 120
C190025	BB3	Method Blank	Total Ammonia (N)	2025/12/12	ND, RDL=0.015		mg/L	
C190025	BB3	RPD	Total Ammonia (N)	2025/12/12	17		%	20
C190040	JLD	Matrix Spike	Phenols	2025/12/12		98	%	80 - 120
C190040	JLD	Spiked Blank	Phenols	2025/12/12		94	%	80 - 120
C190040	JLD	Method Blank	Phenols	2025/12/12	ND, RDL=0.0015		mg/L	
C190040	JLD	RPD	Phenols	2025/12/12	NC		%	20
C190073	MEM	Matrix Spike	Total Aluminum (Al)	2025/12/13		100	%	80 - 120
			Total Antimony (Sb)	2025/12/13		NC	%	80 - 120
			Total Arsenic (As)	2025/12/13		104	%	80 - 120
			Total Barium (Ba)	2025/12/13		100	%	80 - 120



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HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

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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
			Total Beryllium (Be)	2025/12/13		99	%	80 - 120
			Total Bismuth (Bi)	2025/12/13		94	%	80 - 120
			Total Boron (B)	2025/12/13		106	%	80 - 120
			Total Cadmium (Cd)	2025/12/13		101	%	80 - 120
			Total Cesium (Cs)	2025/12/13		91	%	80 - 120
			Total Chromium (Cr)	2025/12/13		97	%	80 - 120
			Total Cobalt (Co)	2025/12/13		93	%	80 - 120
			Total Copper (Cu)	2025/12/13		88	%	80 - 120
			Total Iron (Fe)	2025/12/13		99	%	80 - 120
			Total Lead (Pb)	2025/12/13		96	%	80 - 120
			Total Lithium (Li)	2025/12/13		94	%	80 - 120
			Total Manganese (Mn)	2025/12/13		NC	%	80 - 120
			Total Molybdenum (Mo)	2025/12/13		NC	%	80 - 120
			Total Nickel (Ni)	2025/12/13		86	%	80 - 120
			Total Phosphorus (P)	2025/12/13		102	%	80 - 120
			Total Rubidium (Rb)	2025/12/13		NC	%	80 - 120
			Total Selenium (Se)	2025/12/13		96	%	80 - 120
			Total Silicon (Si)	2025/12/13		92	%	80 - 120
			Total Silver (Ag)	2025/12/13		95	%	80 - 120
			Total Strontium (Sr)	2025/12/13		NC	%	80 - 120
			Total Tellurium (Te)	2025/12/13		103	%	80 - 120
			Total Thallium (Tl)	2025/12/13		98	%	80 - 120
			Total Thorium (Th)	2025/12/13		104	%	80 - 120
			Total Tin (Sn)	2025/12/13		103	%	80 - 120
			Total Titanium (Ti)	2025/12/13		101	%	80 - 120
			Total Uranium (U)	2025/12/13		104	%	80 - 120
			Total Vanadium (V)	2025/12/13		101	%	80 - 120
			Total Zinc (Zn)	2025/12/13		91	%	80 - 120
			Total Zirconium (Zr)	2025/12/13		107	%	80 - 120
C190073	MEM	Spiked Blank	Total Aluminum (Al)	2025/12/13		105	%	80 - 120
			Total Antimony (Sb)	2025/12/13		103	%	80 - 120
			Total Arsenic (As)	2025/12/13		106	%	80 - 120
			Total Barium (Ba)	2025/12/13		102	%	80 - 120
			Total Beryllium (Be)	2025/12/13		102	%	80 - 120
			Total Bismuth (Bi)	2025/12/13		103	%	80 - 120
			Total Boron (B)	2025/12/13		104	%	80 - 120
			Total Cadmium (Cd)	2025/12/13		103	%	80 - 120
			Total Cesium (Cs)	2025/12/13		92	%	80 - 120
			Total Chromium (Cr)	2025/12/13		103	%	80 - 120
			Total Cobalt (Co)	2025/12/13		101	%	80 - 120
			Total Copper (Cu)	2025/12/13		98	%	80 - 120
			Total Iron (Fe)	2025/12/13		103	%	80 - 120
			Total Lead (Pb)	2025/12/13		101	%	80 - 120
			Total Lithium (Li)	2025/12/13		101	%	80 - 120
			Total Manganese (Mn)	2025/12/13		95	%	80 - 120
			Total Molybdenum (Mo)	2025/12/13		107	%	80 - 120
			Total Nickel (Ni)	2025/12/13		100	%	80 - 120
			Total Phosphorus (P)	2025/12/13		104	%	80 - 120
			Total Rubidium (Rb)	2025/12/13		95	%	80 - 120
			Total Selenium (Se)	2025/12/13		102	%	80 - 120
			Total Silicon (Si)	2025/12/13		104	%	80 - 120
			Total Silver (Ag)	2025/12/13		102	%	80 - 120
			Total Strontium (Sr)	2025/12/13		98	%	80 - 120



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Tellurium (Te)	2025/12/13		106	%	80 - 120
			Total Thallium (Tl)	2025/12/13		102	%	80 - 120
			Total Thorium (Th)	2025/12/13		105	%	80 - 120
			Total Tin (Sn)	2025/12/13		103	%	80 - 120
			Total Titanium (Ti)	2025/12/13		104	%	80 - 120
			Total Uranium (U)	2025/12/13		106	%	80 - 120
			Total Vanadium (V)	2025/12/13		104	%	80 - 120
			Total Zinc (Zn)	2025/12/13		105	%	80 - 120
			Total Zirconium (Zr)	2025/12/13		104	%	80 - 120
C190073	MEM	Method Blank	Total Aluminum (Al)	2025/12/13	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/12/13	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/12/13	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/12/13	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/12/13	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/12/13	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/12/13	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/12/13	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/12/13	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/12/13	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/12/13	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/12/13	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/12/13	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/12/13	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/12/13	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/12/13	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/12/13	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/12/13	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/12/13	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/12/13	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/12/13	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/12/13	ND, RDL=50		ug/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Silver (Ag)	2025/12/13	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/12/13	0.054, RDL=0.050 (3)		ug/L	
			Total Tellurium (Te)	2025/12/13	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/12/13	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/12/13	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/12/13	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/12/13	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/12/13	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/12/13	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/12/13	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/12/13	ND, RDL=0.10		ug/L	
C190073	MEM	RPD	Total Aluminum (Al)	2025/12/13	2.9		%	20
			Total Antimony (Sb)	2025/12/13	0.58		%	20
			Total Arsenic (As)	2025/12/13	0.042		%	20
			Total Barium (Ba)	2025/12/13	0.83		%	20
			Total Beryllium (Be)	2025/12/13	NC		%	20
			Total Bismuth (Bi)	2025/12/13	NC		%	20
			Total Boron (B)	2025/12/13	2.1		%	20
			Total Cadmium (Cd)	2025/12/13	NC		%	20
			Total Chromium (Cr)	2025/12/13	NC		%	20
			Total Cobalt (Co)	2025/12/13	2.9		%	20
			Total Copper (Cu)	2025/12/13	NC		%	20
			Total Iron (Fe)	2025/12/13	3.0		%	20
			Total Lead (Pb)	2025/12/13	1.2		%	20
			Total Lithium (Li)	2025/12/13	0.98		%	20
			Total Manganese (Mn)	2025/12/13	2.0		%	20
			Total Molybdenum (Mo)	2025/12/13	0.51		%	20
			Total Nickel (Ni)	2025/12/13	2.2		%	20
			Total Phosphorus (P)	2025/12/13	11		%	20
			Total Selenium (Se)	2025/12/13	5.1		%	20
			Total Silicon (Si)	2025/12/13	3.0		%	20
			Total Silver (Ag)	2025/12/13	NC		%	20
			Total Strontium (Sr)	2025/12/13	2.5		%	20
			Total Thallium (Tl)	2025/12/13	0.51		%	20
			Total Tin (Sn)	2025/12/13	NC		%	20
			Total Titanium (Ti)	2025/12/13	NC		%	20
			Total Uranium (U)	2025/12/13	0.38		%	20
			Total Vanadium (V)	2025/12/13	NC		%	20
			Total Zinc (Zn)	2025/12/13	0.13		%	20
			Total Zirconium (Zr)	2025/12/13	NC		%	20
			Total Aluminum (Al)	2025/12/13	NC		%	20
			Total Antimony (Sb)	2025/12/13	NC		%	20



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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Arsenic (As)	2025/12/13	NC		%	20
			Total Barium (Ba)	2025/12/13	NC		%	20
			Total Beryllium (Be)	2025/12/13	NC		%	20
			Total Bismuth (Bi)	2025/12/13	NC		%	20
			Total Boron (B)	2025/12/13	NC		%	20
			Total Cadmium (Cd)	2025/12/13	NC		%	20
			Total Chromium (Cr)	2025/12/13	NC		%	20
			Total Cobalt (Co)	2025/12/13	NC		%	20
			Total Copper (Cu)	2025/12/13	NC		%	20
			Total Iron (Fe)	2025/12/13	NC		%	20
			Total Lead (Pb)	2025/12/13	0.085		%	20
			Total Lithium (Li)	2025/12/13	NC		%	20
			Total Manganese (Mn)	2025/12/13	NC		%	20
			Total Molybdenum (Mo)	2025/12/13	NC		%	20
			Total Nickel (Ni)	2025/12/13	NC		%	20
			Total Phosphorus (P)	2025/12/13	NC		%	20
			Total Selenium (Se)	2025/12/13	NC		%	20
			Total Silicon (Si)	2025/12/13	NC		%	20
			Total Silver (Ag)	2025/12/13	NC		%	20
			Total Strontium (Sr)	2025/12/13	NC		%	20
			Total Thallium (Tl)	2025/12/13	NC		%	20
			Total Tin (Sn)	2025/12/13	NC		%	20
			Total Titanium (Ti)	2025/12/13	NC		%	20
			Total Uranium (U)	2025/12/13	NC		%	20
			Total Vanadium (V)	2025/12/13	NC		%	20
			Total Zinc (Zn)	2025/12/13	1.3		%	20
			Total Zirconium (Zr)	2025/12/13	NC		%	20
C190185	SOM	Matrix Spike [DYK312-05]	Bromide (Br)	2025/12/12		91	%	78 - 120
C190185	SOM	Spiked Blank	Bromide (Br)	2025/12/12		94	%	80 - 120
C190185	SOM	Method Blank	Bromide (Br)	2025/12/12	ND, RDL=0.010		mg/L	
C190185	SOM	RPD [DYK312-05]	Bromide (Br)	2025/12/12	NC		%	20
C190267	BTM	Matrix Spike	Total Organic Carbon (C)	2025/12/12		92	%	80 - 120
C190267	BTM	Spiked Blank	Total Organic Carbon (C)	2025/12/12		95	%	80 - 120
C190267	BTM	Method Blank	Total Organic Carbon (C)	2025/12/12	ND, RDL=0.50		mg/L	
C190267	BTM	RPD	Total Organic Carbon (C)	2025/12/12	NC		%	20
C190418	SOM	Matrix Spike	Bromide (Br)	2025/12/12		95	%	78 - 120
C190418	SOM	Spiked Blank	Bromide (Br)	2025/12/12		95	%	80 - 120
C190418	SOM	Method Blank	Bromide (Br)	2025/12/12	ND, RDL=0.010		mg/L	
C190418	SOM	RPD	Bromide (Br)	2025/12/12	1.8		%	20
C191178	ECO	Matrix Spike	Methyl Sulfone (sur.)	2025/12/15		93	%	50 - 140
			Ethylene Glycol	2025/12/15		89	%	60 - 140
			Diethylene Glycol	2025/12/15		106	%	60 - 140
			Triethylene Glycol	2025/12/15		102	%	60 - 140
			Propylene Glycol	2025/12/15		93	%	60 - 140
C191178	ECO	Spiked Blank	Methyl Sulfone (sur.)	2025/12/15		87	%	50 - 140
			Ethylene Glycol	2025/12/15		85	%	70 - 130
			Diethylene Glycol	2025/12/15		100	%	70 - 130
			Triethylene Glycol	2025/12/15		97	%	70 - 130
			Propylene Glycol	2025/12/15		89	%	70 - 130
C191178	ECO	Method Blank	Methyl Sulfone (sur.)	2025/12/15		102	%	50 - 140



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QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Ethylene Glycol	2025/12/15	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/12/15	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/12/15	ND, RDL=5.0		mg/L	
			Propylene Glycol	2025/12/15	ND, RDL=5.0		mg/L	
C191178	ECO	RPD	Ethylene Glycol	2025/12/15	NC		%	30
			Diethylene Glycol	2025/12/15	NC		%	30
			Triethylene Glycol	2025/12/15	NC		%	30
			Propylene Glycol	2025/12/15	NC		%	30
C191238	JP1	Matrix Spike	D10-ANTHRACENE (sur.)	2025/12/15		108	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/12/15		90	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/12/15		97	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/12/15		85	%	50 - 140
			Quinoline	2025/12/15		93	%	50 - 140
			Naphthalene	2025/12/15		82	%	50 - 140
			1-Methylnaphthalene	2025/12/15		80	%	50 - 140
			2-Methylnaphthalene	2025/12/15		91	%	50 - 140
			Acenaphthylene	2025/12/15		80	%	50 - 140
			Acenaphthene	2025/12/15		82	%	50 - 140
			Fluorene	2025/12/15		82	%	50 - 140
			Phenanthrene	2025/12/15		87	%	50 - 140
			Anthracene	2025/12/15		82	%	50 - 140
			Acridine	2025/12/15		81	%	50 - 140
			Fluoranthene	2025/12/15		94	%	50 - 140
			Pyrene	2025/12/15		92	%	50 - 140
			Benzo(a)anthracene	2025/12/15		74	%	50 - 140
			Chrysene	2025/12/15		73	%	50 - 140
			Benzo(b&j)fluoranthene	2025/12/15		70	%	50 - 140
			Benzo(k)fluoranthene	2025/12/15		87	%	50 - 140
			Benzo(a)pyrene	2025/12/15		61	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2025/12/15		17 (2)	%	50 - 140
			Dibenz(a,h)anthracene	2025/12/15		16 (2)	%	50 - 140
			Benzo(g,h,i)perylene	2025/12/15		19 (2)	%	50 - 140
C191238	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/12/15		103	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/12/15		87	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/12/15		85	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/12/15		127	%	50 - 140
			Quinoline	2025/12/15		86	%	50 - 140
			Naphthalene	2025/12/15		65	%	50 - 140
			1-Methylnaphthalene	2025/12/15		79	%	50 - 140
			2-Methylnaphthalene	2025/12/15		69	%	50 - 140
			Acenaphthylene	2025/12/15		73	%	50 - 140
			Acenaphthene	2025/12/15		75	%	50 - 140
			Fluorene	2025/12/15		73	%	50 - 140
			Phenanthrene	2025/12/15		73	%	50 - 140
			Anthracene	2025/12/15		72	%	50 - 140
			Acridine	2025/12/15		75	%	50 - 140
			Fluoranthene	2025/12/15		107	%	50 - 140
			Pyrene	2025/12/15		90	%	50 - 140
			Benzo(a)anthracene	2025/12/15		84	%	50 - 140



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits			
C191238	JP1	Method Blank	Chrysene	2025/12/15		82	%	50 - 140			
			Benzo(b&j)fluoranthene	2025/12/15		81	%	50 - 140			
			Benzo(k)fluoranthene	2025/12/15		97	%	50 - 140			
			Benzo(a)pyrene	2025/12/15		72	%	50 - 140			
			Indeno(1,2,3-cd)pyrene	2025/12/15		69	%	50 - 140			
			Dibenz(a,h)anthracene	2025/12/15		69	%	50 - 140			
			Benzo(g,h,i)perylene	2025/12/15		74	%	50 - 140			
			D10-ANTHRACENE (sur.)	2025/12/15		99	%	50 - 140			
			D8-ACENAPHTHYLENE (sur.)	2025/12/15		86	%	50 - 140			
			D8-NAPHTHALENE (sur.)	2025/12/15		75	%	50 - 140			
			TERPHENYL-D14 (sur.)	2025/12/15		111	%	50 - 140			
			Quinoline	2025/12/15		ND, RDL=0.020			ug/L		
			Naphthalene	2025/12/15		ND, RDL=0.10			ug/L		
			1-Methylnaphthalene	2025/12/15		ND, RDL=0.050			ug/L		
			2-Methylnaphthalene	2025/12/15		ND, RDL=0.10			ug/L		
			Acenaphthylene	2025/12/15		ND, RDL=0.050			ug/L		
			Acenaphthene	2025/12/15		ND, RDL=0.050			ug/L		
			Fluorene	2025/12/15		ND, RDL=0.050			ug/L		
			Phenanthrene	2025/12/15		ND, RDL=0.050			ug/L		
			Anthracene	2025/12/15		ND, RDL=0.010			ug/L		
			Acridine	2025/12/15		ND, RDL=0.050			ug/L		
			Fluoranthene	2025/12/15		ND, RDL=0.020			ug/L		
			Pyrene	2025/12/15		ND, RDL=0.020			ug/L		
			Benzo(a)anthracene	2025/12/15		ND, RDL=0.010			ug/L		
			Chrysene	2025/12/15		ND, RDL=0.020			ug/L		
			Benzo(b&j)fluoranthene	2025/12/15		ND, RDL=0.030			ug/L		
			Benzo(k)fluoranthene	2025/12/15		ND, RDL=0.050			ug/L		
			Benzo(a)pyrene	2025/12/15		ND, RDL=0.0050			ug/L		
			Indeno(1,2,3-cd)pyrene	2025/12/15		ND, RDL=0.050			ug/L		
			Dibenz(a,h)anthracene	2025/12/15		ND, RDL=0.0030			ug/L		
			Benzo(g,h,i)perylene	2025/12/15		ND, RDL=0.050			ug/L		
			C191238	JP1	RPD	Quinoline	2025/12/16	7.3		%	40
						Naphthalene	2025/12/16	NC		%	40
1-Methylnaphthalene	2025/12/16	NC					%	40			



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			2-Methylnaphthalene	2025/12/16	NC		%	40
			Acenaphthylene	2025/12/16	NC		%	40
			Acenaphthene	2025/12/16	NC		%	40
			Fluorene	2025/12/16	NC		%	40
			Phenanthrene	2025/12/16	NC		%	40
			Anthracene	2025/12/16	NC		%	40
			Acridine	2025/12/16	NC		%	40
			Fluoranthene	2025/12/16	NC		%	40
			Pyrene	2025/12/16	NC		%	40
			Benzo(a)anthracene	2025/12/16	NC		%	40
			Chrysene	2025/12/16	NC		%	40
			Benzo(b&j)fluoranthene	2025/12/16	NC		%	40
			Benzo(k)fluoranthene	2025/12/16	NC		%	40
			Benzo(a)pyrene	2025/12/16	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/12/16	NC		%	40
			Dibenz(a,h)anthracene	2025/12/16	NC		%	40
			Benzo(g,h,i)perylene	2025/12/16	NC		%	40
C191253	MEM	Matrix Spike [DYK309-09]	Total Aluminum (Al)	2025/12/15		105	%	80 - 120
			Total Antimony (Sb)	2025/12/15		105	%	80 - 120
			Total Arsenic (As)	2025/12/15		104	%	80 - 120
			Total Barium (Ba)	2025/12/15		102	%	80 - 120
			Total Beryllium (Be)	2025/12/15		113	%	80 - 120
			Total Bismuth (Bi)	2025/12/15		101	%	80 - 120
			Total Boron (B)	2025/12/15		120	%	80 - 120
			Total Cadmium (Cd)	2025/12/15		103	%	80 - 120
			Total Cesium (Cs)	2025/12/15		92	%	80 - 120
			Total Chromium (Cr)	2025/12/15		100	%	80 - 120
			Total Cobalt (Co)	2025/12/15		102	%	80 - 120
			Total Copper (Cu)	2025/12/15		103	%	80 - 120
			Total Iron (Fe)	2025/12/15		108	%	80 - 120
			Total Lead (Pb)	2025/12/15		103	%	80 - 120
			Total Lithium (Li)	2025/12/15		110	%	80 - 120
			Total Manganese (Mn)	2025/12/15		94	%	80 - 120
			Total Molybdenum (Mo)	2025/12/15		105	%	80 - 120
			Total Nickel (Ni)	2025/12/15		96	%	80 - 120
			Total Phosphorus (P)	2025/12/15		101	%	80 - 120
			Total Rubidium (Rb)	2025/12/15		96	%	80 - 120
			Total Selenium (Se)	2025/12/15		99	%	80 - 120
			Total Silicon (Si)	2025/12/15		114	%	80 - 120
			Total Silver (Ag)	2025/12/15		101	%	80 - 120
			Total Strontium (Sr)	2025/12/15		110	%	80 - 120
			Total Tellurium (Te)	2025/12/15		106	%	80 - 120
			Total Thallium (Tl)	2025/12/15		103	%	80 - 120
			Total Thorium (Th)	2025/12/15		103	%	80 - 120
			Total Tin (Sn)	2025/12/15		103	%	80 - 120
			Total Titanium (Ti)	2025/12/15		105	%	80 - 120
			Total Uranium (U)	2025/12/15		102	%	80 - 120
			Total Vanadium (V)	2025/12/15		103	%	80 - 120
			Total Zinc (Zn)	2025/12/15		102	%	80 - 120
			Total Zirconium (Zr)	2025/12/15		106	%	80 - 120
C191253	MEM	Spiked Blank	Total Aluminum (Al)	2025/12/15		102	%	80 - 120
			Total Antimony (Sb)	2025/12/15		106	%	80 - 120
			Total Arsenic (As)	2025/12/15		103	%	80 - 120



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Barium (Ba)	2025/12/15		105	%	80 - 120
			Total Beryllium (Be)	2025/12/15		108	%	80 - 120
			Total Bismuth (Bi)	2025/12/15		103	%	80 - 120
			Total Boron (B)	2025/12/15		114	%	80 - 120
			Total Cadmium (Cd)	2025/12/15		104	%	80 - 120
			Total Cesium (Cs)	2025/12/15		95	%	80 - 120
			Total Chromium (Cr)	2025/12/15		99	%	80 - 120
			Total Cobalt (Co)	2025/12/15		103	%	80 - 120
			Total Copper (Cu)	2025/12/15		102	%	80 - 120
			Total Iron (Fe)	2025/12/15		107	%	80 - 120
			Total Lead (Pb)	2025/12/15		104	%	80 - 120
			Total Lithium (Li)	2025/12/15		109	%	80 - 120
			Total Manganese (Mn)	2025/12/15		94	%	80 - 120
			Total Molybdenum (Mo)	2025/12/15		105	%	80 - 120
			Total Nickel (Ni)	2025/12/15		96	%	80 - 120
			Total Phosphorus (P)	2025/12/15		101	%	80 - 120
			Total Rubidium (Rb)	2025/12/15		96	%	80 - 120
			Total Selenium (Se)	2025/12/15		101	%	80 - 120
			Total Silicon (Si)	2025/12/15		111	%	80 - 120
			Total Silver (Ag)	2025/12/15		101	%	80 - 120
			Total Strontium (Sr)	2025/12/15		103	%	80 - 120
			Total Tellurium (Te)	2025/12/15		107	%	80 - 120
			Total Thallium (Tl)	2025/12/15		103	%	80 - 120
			Total Thorium (Th)	2025/12/15		103	%	80 - 120
			Total Tin (Sn)	2025/12/15		106	%	80 - 120
			Total Titanium (Ti)	2025/12/15		104	%	80 - 120
			Total Uranium (U)	2025/12/15		102	%	80 - 120
			Total Vanadium (V)	2025/12/15		103	%	80 - 120
			Total Zinc (Zn)	2025/12/15		102	%	80 - 120
			Total Zirconium (Zr)	2025/12/15		106	%	80 - 120
C191253	MEM	Method Blank	Total Aluminum (Al)	2025/12/15	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/12/15	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/12/15	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/12/15	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/12/15	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/12/15	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/12/15	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/12/15	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/12/15	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/12/15	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/12/15	ND, RDL=0.010		ug/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Copper (Cu)	2025/12/15	0.15, RDL=0.10 (3)		ug/L	
			Total Iron (Fe)	2025/12/15	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/12/15	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/12/15	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/12/15	ND, RDL=0.10		ug/L	
			Total Molybdenum (Mo)	2025/12/15	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/12/15	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/12/15	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/12/15	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/12/15	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/12/15	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/12/15	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/12/15	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/12/15	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/12/15	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/12/15	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/12/15	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/12/15	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/12/15	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/12/15	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/12/15	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/12/15	ND, RDL=0.10		ug/L	
C191253	MEM	RPD [DYK307-09]	Total Aluminum (Al)	2025/12/15	2.2		%	20
			Total Antimony (Sb)	2025/12/15	0.92		%	20
			Total Arsenic (As)	2025/12/15	3.3		%	20
			Total Barium (Ba)	2025/12/15	1.4		%	20
			Total Beryllium (Be)	2025/12/15	NC		%	20
			Total Bismuth (Bi)	2025/12/15	NC		%	20
			Total Boron (B)	2025/12/15	NC		%	20
			Total Cadmium (Cd)	2025/12/15	8.5		%	20
			Total Cesium (Cs)	2025/12/15	NC		%	20
			Total Chromium (Cr)	2025/12/15	NC		%	20



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Cobalt (Co)	2025/12/15	NC		%	20
			Total Copper (Cu)	2025/12/15	6.6		%	20
			Total Iron (Fe)	2025/12/15	0.79		%	20
			Total Lead (Pb)	2025/12/15	7.6		%	20
			Total Lithium (Li)	2025/12/15	NC		%	20
			Total Manganese (Mn)	2025/12/15	2.5		%	20
			Total Molybdenum (Mo)	2025/12/15	0.050		%	20
			Total Nickel (Ni)	2025/12/15	NC		%	20
			Total Phosphorus (P)	2025/12/15	3.4		%	20
			Total Rubidium (Rb)	2025/12/15	3.1		%	20
			Total Selenium (Se)	2025/12/15	1.2		%	20
			Total Silicon (Si)	2025/12/15	3.0		%	20
			Total Silver (Ag)	2025/12/15	4.8		%	20
			Total Strontium (Sr)	2025/12/15	1.7		%	20
			Total Tellurium (Te)	2025/12/15	NC		%	20
			Total Thallium (Tl)	2025/12/15	9.5		%	20
			Total Thorium (Th)	2025/12/15	NC		%	20
			Total Tin (Sn)	2025/12/15	NC		%	20
			Total Titanium (Ti)	2025/12/15	NC		%	20
			Total Uranium (U)	2025/12/15	3.9		%	20
			Total Vanadium (V)	2025/12/15	NC		%	20
			Total Zinc (Zn)	2025/12/15	2.2		%	20
			Total Zirconium (Zr)	2025/12/15	NC		%	20
C191256	IT1	Matrix Spike	EPH (C10-C19)	2025/12/15		105	%	60 - 140
			EPH (C19-C32)	2025/12/15		118	%	60 - 140
C191256	IT1	Spiked Blank	EPH (C10-C19)	2025/12/15		109	%	70 - 130
			EPH (C19-C32)	2025/12/15		125 (4)	%	70 - 130
C191256	IT1	Method Blank	EPH (C10-C19)	2025/12/15	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/12/15	ND, RDL=0.20 (4)		mg/L	
C191256	IT1	RPD	EPH (C10-C19)	2025/12/15	NC		%	30
			EPH (C19-C32)	2025/12/15	NC		%	30
C191504	NJD	Matrix Spike [DYK312-04]	Total Sulphide	2025/12/15		102	%	80 - 120
C191504	NJD	Spiked Blank	Total Sulphide	2025/12/15		98	%	80 - 120
C191504	NJD	Method Blank	Total Sulphide	2025/12/15	ND, RDL=0.0018		mg/L	
C191504	NJD	RPD [DYK313-04]	Total Sulphide	2025/12/15	NC		%	20
C191542	VMP	Matrix Spike	Total Dissolved Solids	2025/12/16		105	%	80 - 120
C191542	VMP	Spiked Blank	Total Dissolved Solids	2025/12/16		94	%	80 - 120
C191542	VMP	Method Blank	Total Dissolved Solids	2025/12/16	ND, RDL=10		mg/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	C191542	VMP	RPD	Total Dissolved Solids	2025/12/16	8.0		%	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 <= 2x RDL).</p> <p>(1) Detection limit raised due to interferent.</p> <p>(2) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.</p> <p>(3) Method Blank exceeds acceptance limits - 2X RDL acceptable for low level metals determination.</p> <p>(4) Surrogate recovery below acceptance criteria. No surrogate added.</p>									



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

Levi Manchak, Project Manager SR

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

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.



Custody Tracking Form

eCOC Number
W119983

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.

Personnel			Transfer 1			Transfer 2		
Will Greaves	Date	09/12/25	Marta Zamora	JA	Date	2025/12/09		
	Time (24 HR)	15:40			Time (24 HR)	15:41		
	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.

Sampled By (Print): **Will Greaves** # of Coolers/Pigs: **2** Rush Immediate Test Food Residue
 Micro Food Chemistry

Received At: _____ Lab Comments: **LCE from**

Labeled By: _____

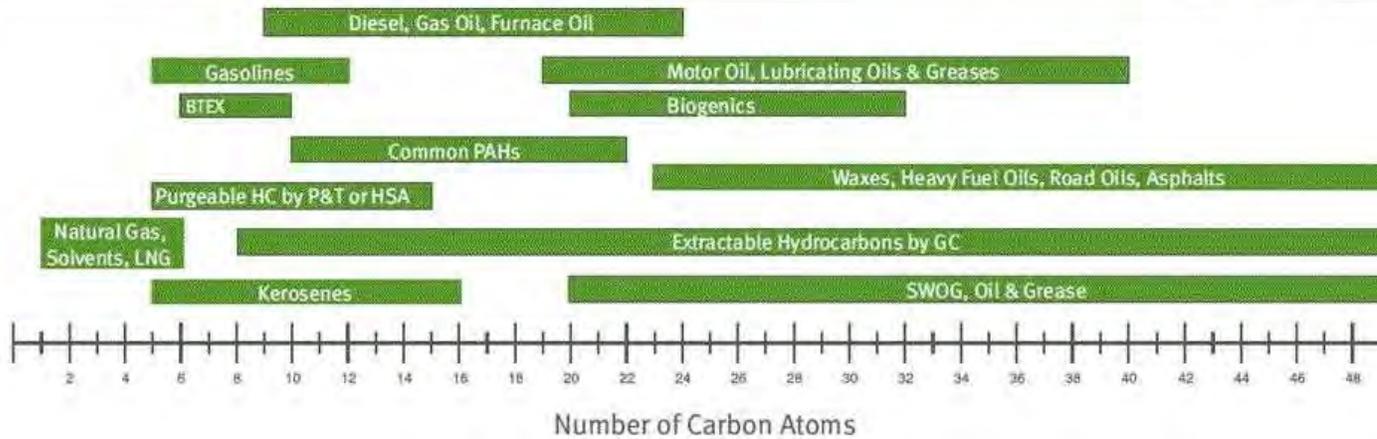
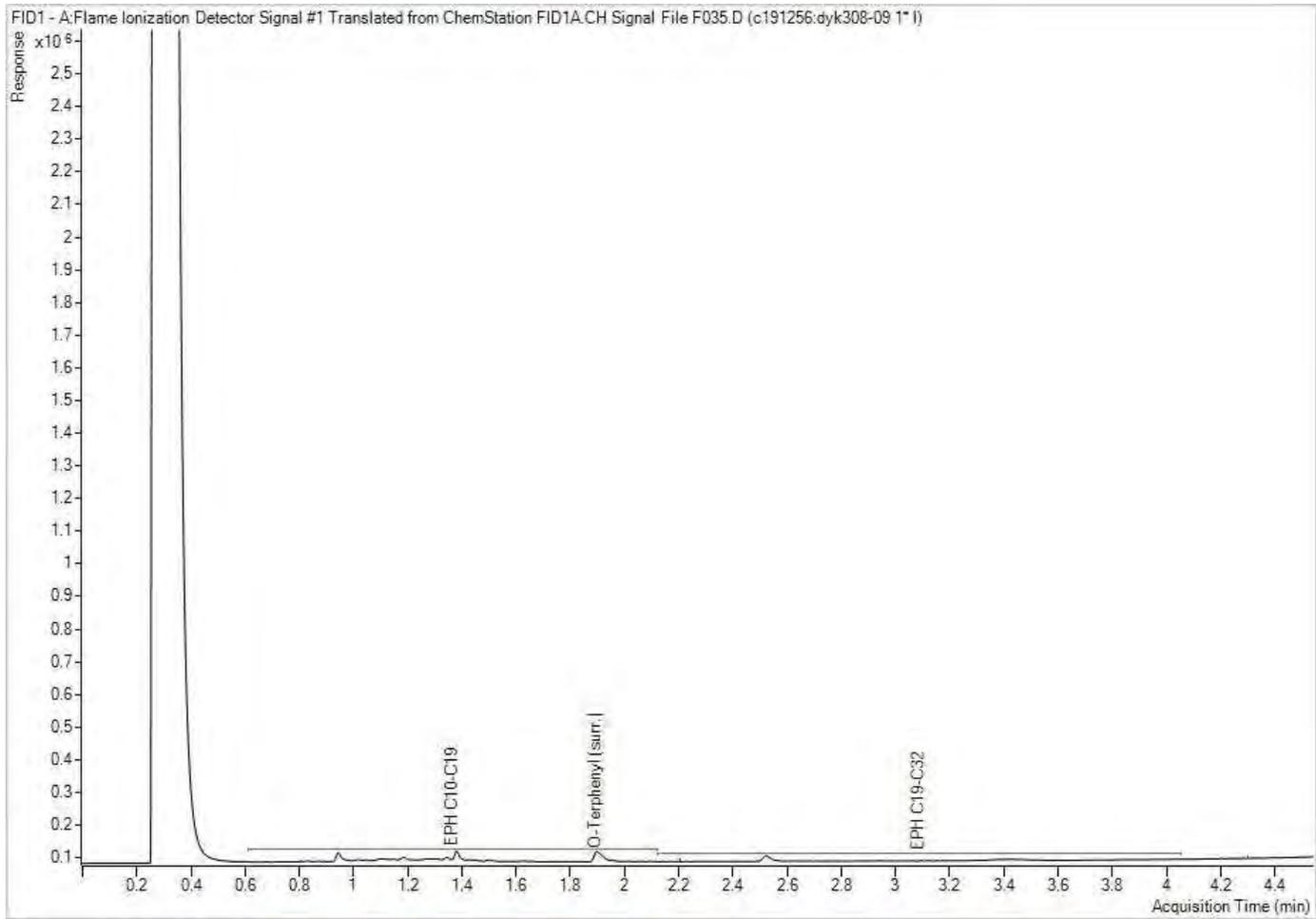
Prepared By: _____

Present (Y/N)	Custody Seal		Cooling Media			Temperature °C			
	Present (Y/N)	Intact (Y/N)	Present (Y/N)	1	2	3	1	2	3
N	N	N	4	10	11	11			
N	N	N	4	12	12	11			

Drinking Water: Media Preservation Checks Done (Circle) YES NO

MVAN-2025-12-751

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: W119983



Project Information: C599806
 Job Received: 2025/12/09 15:41
 Expected TAT: Standard TAT
 Expected Arrival: 2025/12/09 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	Set Number
WLNG-DS	1	2025/12/09	WATER	14	A			1
WLNG -EOP	2	2025/12/09	WATER	18	A	A		2
WLNG-US	3	2025/12/09	WATER	14	A			1
SQRI-US	4	2025/12/09	WATER	14	A			1
SQRI-DS	5	2025/12/09	WATER	14	A			1
BCR-EOP	6	2025/12/09	WATER	18	A	A		2
Field Blank	7	2025/12/09	WATER	14			A	3
Trip Blank	8	2025/12/09	WATER	14			A	3

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 (2 samples)	Set 3 (2 samples)
WLNG-DS WLNG-US SQRI-US SQRI-DS	WLNG -EOP BCR-EOP	Field Blank Trip Blank