



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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
Page	1 of 7

Eagle Mountain - Woodfibre Gas Pipeline Project

BCER Waste Discharge Permit Weekly Report



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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
Page	2 of 7

Contents

Preamble.....	3
Introduction	3
Sampling Methodology	3
Summary-BC Rail Site	5
Site Activities and Exceedances	5
Discharge from Water Treatment Plant.....	5
Receiving Environment Monitoring-Squamish River	5
Summary-Woodfibre.....	6
Site Activities and Exceedances	6
Discharge from Water Treatment Plant.....	6
Receiving Environment Monitoring-East Creek.....	7

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

Appendix D: Woodfibre Receiving Environment Documentation

Appendix E: Lab Documentation

 FORTIS BC™	Eagle Mountain - Woodfibre Gas Pipeline Project	Aug 18th to Aug 24th, 2025
	Report #	74
	Page	3 of 7

Preamble

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

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

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

Introduction

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

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

Sampling Methodology



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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
Page	4 of 7

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

 FORTIS BC™	Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	
	Reporting Week	Aug 18 th to Aug 24 th , 2025
	Report #	74
	Page	5 of 7

Summary-BC Rail Site

Site Activities and Exceedances

- Weekly upstream and downstream taken by the QP.
- Water produced by the water treatment plant is being recirculated for tunneling and to create grout for tunneling.
- No discharge occurred during this reporting period.

Discharge from Water Treatment Plant

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

Table 3: Discharge from Water Treatment System Information

Location	Date of Discharge	Date of Lab Sample (for the discharge)	Real Time Monitored	Field Samples Taken	Discharge Rate (batch)	Discharge Volume (batch)	Results
BC Rail- No discharges during this time period							

*Max discharge is 515 m3/day

Receiving Environment Monitoring-Squamish River

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

Table 4: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Upstream	2025-08-19	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

Table 5: Downstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
Squamish River Downstream	2025-08-19	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix B.

* Sondes set up to log temperature, specific conductivity, salinity (in PSU), pH, ORP, DO (mg/L), and turbidity (NTU) at 15-minute intervals.

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

SQU US:

- o Aug 18: temperature and conductivity missing at 18:00 and 20:00.
- o Aug 19: temperature and conductivity missing at 21:00 and 22:00.
- o Aug 20: temperature and conductivity missing at 15:00.
- o Aug 21: temperature and conductivity missing at 20:00.
- o Aug 23: temperature and conductivity missing at 04:00 and 18:00.
- o Aug 24: temperature and conductivity missing at 03:00 and 21:00.

SQU DS:

- o Aug 20: temperature, ORP, and turbidity missing at 11:00.
- o Aug 24: temperature, ORP, and turbidity missing at 08:00.

 FORTIS BC™	Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	
	Reporting Week	Aug 18 th to Aug 24 th , 2025
	Report #	74
	Page	6 of 7

Summary-Woodfibre

Site Activities and Exceedances

- Weekly upstream, downstream and end of pipe taken by the QP.
- Ongoing tunnelling at WLNG and grouting works to mitigate water ingress.
- Water volume discharge exceedances.
- No exceedances at the WLNG EOP.

Discharge from Water Treatment Plant

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

Table 6: Discharges from Water Treatment System

Location	Date of Discharge	Real Time Monitored and Daily Monitoring	Discharge Volume
Woodfibre	2025-08-18	Yes-Appendix C	2,385 m ³
Woodfibre	2025-08-19	Yes-Appendix C	2,389 m ³
Woodfibre	2025-08-20	Yes-Appendix C	2,332 m ³
Woodfibre	2025-08-21	Yes-Appendix C	2,356 m ³
Woodfibre	2025-08-22	Yes-Appendix C	2,332 m ³
Woodfibre	2025-08-23	Yes-Appendix C	2,356 m ³
Woodfibre	2025-08-24	Yes-Appendix C	2,282 m ³

*Max discharge is 1500m3/day

 FORTIS BC™	Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report		
	Reporting Week	Aug 18 th to Aug 24 th , 2025	
	Report #	74	
	Page	7 of 7	

Receiving Environment Monitoring-East Creek

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

Table 7: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
East Creek Upstream	2025-08-19	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

Table 8: Downstream Monitoring Information

	Date of Lab Sample	Real Time Monitored	Results
East Creek Downstream	2025-08-19	Yes *	Full set of lab sample results, photo and documentation are provided in Appendix D.

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

**DATA GAPS: In-Situ Continuous Monitoring

WLNG DS:

- o Aug 18: all readings but conductivity were missing from 07:00, 19:00.
- o Aug 20: all readings but conductivity were missing from 04:00.
- o Aug 21: all readings but conductivity were missing from 19:00.
- o Aug 22: all readings but conductivity were missing from 12:00.

WLNG US:

- o Aug 18: all readings were missing from 00:00 to 12:00 and from 19:00.
- o Aug 20: all readings were missing from 03:00.
- o Aug 24: all readings but conductivity were missing from 20:00.



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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
Appendix A	A-1

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



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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
Appendix A	A-2

BCR Site Batch Sample Analysis

No Discharges



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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
Appendix A	A-3

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



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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
Appendix B	B-1

Appendix B: BCR Site Receiving Environment Documentation



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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
Appendix B	B-2

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 2025-08-19 13:42:00	SQU DS 2025-08-19 14:00:00
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			5.52	6
Field Temperature	°C	18	19					12.6	12.1
General Parameters									
pH	pH Units							6.9	6.8
Alkalinity (Total as CaCO ₃)	mg/L							10	9.4
Alkalinity (PP as CaCO ₃)	mg/L							<1	<1
Hardness (CaCO ₃)-Total	mg/L							19.8	20.8
Hardness (CaCO ₃)-Dissolved	mg/L							12.6	11.4
Sulphide-Total	mg/L							0.0048	0.0086
Sulphide (as H ₂ S)	mg/L			0.002				0.0051	0.0091
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.8	24.8		20	131		0.073	0.049
Bicarbonate (HCO ₃)	mg/L							13	12
Carbonate (CO ₃)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.035	0.027
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.035	0.027
Nitrogen (N)-Total	mg/L							0.123	0.123
Phosphorus (P)-Total (4500-P)	mg/L							0.21	0.26
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					1.1	1.5
Fluoride (F)	mg/L		0.683			1.5		<0.05	<0.05
Sulphate (SO ₄)-Dissolved	mg/L	128						3.2	2.8
Total Metals									
Aluminum (Al)-Total	mg/L	0.008771						3.38	3.94
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000021	<0.00002
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000399	0.000426
Barium (Ba)-Total	mg/L			1				0.0588	0.0633
Beryllium (Be)-Total	mg/L			0.00013			0.1	0.000047	0.000047
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	0.00002	0.0000153
Calcium (Ca)-Total	mg/L							4.86	4.92
Cesium (Cs)-Total	mg/L							0.000135	0.000163
Chromium (Cr)-Total	mg/L							0.00142	0.00171
Chromium (Cr III)-Total	mg/L		0.0089				0.056	0.0014	0.0017
Chromium (Cr VI)-Total	mg/L		0.0025				0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L							0.00144	0.00168

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. Note: Not all exceedances are project related.



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 2025-08-19 13:42:00	SQU DS 2025-08-19 14:00:00
Total Metals (cont'd.)									
Copper (Cu)-Total	mg/L			0.002	0.003			0.00452	0.00488
Iron (Fe)-Total	mg/L		1					3.11	3.61
Lead (Pb)-Total	mg/L			0.002	0.14			0.000489	0.000521
Lithium (Li)-Total	mg/L							0.00273	0.00288
Magnesium (Mg)-Total	mg/L							1.85	2.06
Manganese (Mn)-Total	mg/L	0.692	0.758				0.1	0.0936	0.107
Mercury (Hg)-Total	mg/L	0.00002		0.00002				<0.0000019	0.0000022
Molybdenum (Mo)-Total	mg/L	7.6	46					0.000424	0.000432
Nickel (Ni)-Total	mg/L					0.0083		0.00151	0.00181
Phosphorus (P)-Total (ICPMS)	mg/L							0.171	0.173
Potassium (K)-Total	mg/L							1.6	1.77
Rubidium (Rb)-Total	mg/L							0.00468	0.00513
Selenium (Se)-Total	mg/L	0.002		0.002				<0.00004	<0.00004
Silicon (Si)-Total	mg/L							8.3	8.51
Silver (Ag)-Total	mg/L	0.00012		0.0005	0.0037	0.0005	0.000011	0.000012	
Sodium (Na)-Total	mg/L							1.91	1.99
Strontium (Sr)-Total	mg/L							0.044	0.0459
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L			0.00003				<0.00002	<0.00002
Thallium (Tl)-Total	mg/L							0.00003	0.0000364
Thorium (Th)-Total	mg/L							0.00011	0.000135
Tin (Sn)-Total	mg/L							<0.0002	<0.0002
Titanium (Ti)-Total	mg/L							0.201	0.235
Uranium (U)-Total	mg/L	0.0165	0.0075					0.000097	0.0000955
Vanadium (V)-Total	mg/L		0.06				0.005	0.00759	0.00841
Zinc (Zn)-Total	mg/L			0.01	0.055			0.0107	0.0118
Zirconium (Zr)-Total	mg/L							0.00036	0.00042
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0357	0.0355
Antimony (Sb)-Dissolved	mg/L							<0.00002	<0.00002
Arsenic (As)-Dissolved	mg/L							0.000149	0.000152
Barium (Ba)-Dissolved	mg/L							0.00617	0.00606
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	0.000064	0.000111					<0.000005	<0.000005
Calcium (Ca)-Dissolved	mg/L							4.27	3.86
Cesium (Cs)-Dissolved	mg/L							<0.00005	<0.00005
Chromium (Cr)-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.

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



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 2025-08-19 13:42:00	SQU DS 2025-08-19 14:00:00
Dissolved Metals (cont'd.)									
Cobalt (Co)-Dissolved	mg/L	0.000389						0.0000425	0.00004
Copper (Cu)-Dissolved	mg/L	0.0002	0.0002					0.000424	0.000388
Iron (Fe)-Dissolved	mg/L		0.35					0.0248	0.0239
Lead (Pb)-Dissolved	mg/L	0.001025						0.0000127	0.0000109
Lithium (Li)-Dissolved	mg/L							0.00087	0.00091
Manganese (Mn)-Dissolved	mg/L							0.0131	0.0125
Magnesium (Mg)-Dissolved	mg/L							0.477	0.427
Mercury (Hg)-Dissolved	mg/L							<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L							0.000446	0.000413
Nickel (Ni)-Dissolved	mg/L	0.0005	0.0089					0.000081	0.000067
Phosphorus (P)-Dissolved	mg/L							0.0082	0.0068
Potassium (K)-Dissolved	mg/L							0.611	0.598
Rubidium (Rb)-Dissolved	mg/L							0.000942	0.000958
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							3.4	2.9
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.6	1.42
Strontium (Sr)-Dissolved	mg/L			1.25				0.025	0.0224
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							0.0000046	0.0000039
Thorium (Th)-Dissolved	mg/L							0.0000051	<0.000005
Tin (Sn)-Dissolved	mg/L							<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L							0.0009	0.0011
Uranium (U)-Dissolved	mg/L							0.0000144	0.0000162
Vanadium (V)-Dissolved	mg/L							0.00106	0.00095
Zinc (Zn)-Dissolved	mg/L	0.003835	0.008616					<0.0001	<0.0001
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	mg/L							0.9	0.88
Organic Carbon (C)-Dissolved	mg/L							<0.5	0.51
Solids-Total Dissolved	mg/L							52	52
Solids-Total Suspended	mg/L	205	225					200	190

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. Note: Not all exceedances are project related.



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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
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:	August 19, 2025
Site Name:	<u>Squamish River</u>		Time:	14:00
Site UTM:	Zone: E:		Crew:	WS
(NAD83)	N:		Weather:	Rain

***In Situ* Parameters**

pH: 6 DO: N/A (mg/L)
Temp.: 12.6 (°C) Cond: 43 (us)
Turbidity: out of range NTU
Visible Sheen: N
Water Surface Condition: Turbid

Photo Record

Photo unavailable

Observations

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: SQU US

Site Name: Squamish River

Site UTM: Zone: E: _____
(NAD83) N: _____

Date: August 19, 2025
Time: 13:42
Crew: WS
Weather: Rain

***In Situ* Parameters**

pH: 5.52 DO: N/A (mg/L)
Temp.: 12.1 (°C) Cond: 45 (us)
Turbidity: out of range NTU
Visible Sheen: N
Water Surface Condition: Turbid

Photo Record

Photo unavailable

Observations

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-18 00:00:00	11.40	27.54	0.42	7.23	9.94	1619.06
SQU-DS	2025-08-18 00:15:00	11.39	27.82	0.42	7.16	9.94	2145.35
SQU-DS	2025-08-18 00:30:00	11.36	27.87	0.42	7.22	9.94	2745.39
SQU-DS	2025-08-18 00:45:00	11.34	27.76	0.42	7.22	9.94	718.77
SQU-DS	2025-08-18 01:00:00	11.32	28.13	0.42	7.17	9.92	978.58
SQU-DS	2025-08-18 01:15:00	11.29	28.03	0.42	7.16	9.93	2311.07
SQU-DS	2025-08-18 01:30:00	11.26	28.06	0.42	7.14	9.92	2280.26
SQU-DS	2025-08-18 01:45:00	11.23	28.16	0.42	7.15	9.92	460.32
SQU-DS	2025-08-18 02:00:00	11.20	28.31	0.42	7.15	9.92	412.43
SQU-DS	2025-08-18 02:15:00	11.17	28.24	0.42	7.13	9.91	339.83
SQU-DS	2025-08-18 02:30:00	11.14	28.34	0.42	7.15	9.91	673.61
SQU-DS	2025-08-18 02:45:00	11.11	28.91	0.42	7.16	9.92	836.58
SQU-DS	2025-08-18 03:00:00	11.08	28.32	0.42	7.14	9.91	998.89
SQU-DS	2025-08-18 03:15:00	11.05	28.31	0.42	7.11	9.93	927.21
SQU-DS	2025-08-18 03:30:00	11.02	28.12	0.42	7.14	9.92	915.49
SQU-DS	2025-08-18 03:45:00	11.00	28.21	0.42	7.13	9.91	1085.12
SQU-DS	2025-08-18 04:00:00	10.98	28.31	0.42	7.12	9.90	1092.92
SQU-DS	2025-08-18 04:15:00	10.95	28.09	0.42	7.10	9.95	1294.28
SQU-DS	2025-08-18 04:30:00	10.93	28.12	0.42	7.11	9.93	1464.77
SQU-DS	2025-08-18 04:45:00	10.91	27.99	0.42	7.13	9.94	1495.85
SQU-DS	2025-08-18 05:00:00	10.90	28.24	0.42	7.13	9.93	1502.78
SQU-DS	2025-08-18 05:15:00	10.87	28.24	0.42	7.13	9.93	1529.70
SQU-DS	2025-08-18 05:30:00	10.84	28.23	0.42	7.10	9.95	1549.25
SQU-DS	2025-08-18 05:45:00	10.79	27.85	0.42	7.12	9.96	1569.64
SQU-DS	2025-08-18 06:00:00	10.73	27.82	0.42	7.12	9.96	1599.74
SQU-DS	2025-08-18 06:15:00	10.68	27.49	0.42	7.12	9.97	1648.57
SQU-DS	2025-08-18 06:30:00	10.63	27.58	0.42	7.12	9.97	1646.97
SQU-DS	2025-08-18 06:45:00	10.58	27.58	0.42	7.10	9.98	1691.35
SQU-DS	2025-08-18 07:00:00	10.56	28.07	0.42	7.10	10.00	1735.53
SQU-DS	2025-08-18 07:15:00	10.54	27.42	0.42	7.10	9.98	1757.60
SQU-DS	2025-08-18 07:30:00	10.52	28.21	0.42	7.09	9.98	1889.81
SQU-DS	2025-08-18 07:45:00	10.52	28.33	0.42	7.09	9.99	1926.64
SQU-DS	2025-08-18 08:00:00	10.53	28.12	0.42	7.11	9.99	1948.02
SQU-DS	2025-08-18 08:15:00	10.53	27.92	0.42	7.10	9.99	1984.95
SQU-DS	2025-08-18 08:30:00	10.55	28.10	0.42	7.11	10.00	2029.90
SQU-DS	2025-08-18 08:45:00	10.56	28.44	0.42	7.10	10.01	2072.91
SQU-DS	2025-08-18 09:00:00	10.58	28.31	0.43	7.06	10.00	2102.40
SQU-DS	2025-08-18 09:15:00	10.60	28.24	0.42	7.10	10.00	2142.12
SQU-DS	2025-08-18 09:30:00	10.61	28.22	0.43	7.10	9.97	2150.31
SQU-DS	2025-08-18 09:45:00	10.63	28.48	0.42	7.10	10.00	2126.37
SQU-DS	2025-08-18 10:00:00	10.65	28.70	0.43	7.10	9.98	2152.07
SQU-DS	2025-08-18 10:15:00	10.67	28.64	0.43	7.10	9.98	2098.49
SQU-DS	2025-08-18 10:30:00	10.70	29.15	0.43	7.10	9.95	2124.35
SQU-DS	2025-08-18 10:45:00	10.70	28.81	0.43	7.09	9.96	2143.13
SQU-DS	2025-08-18 11:00:00	10.73	29.11	0.43	7.08	9.97	2112.56
SQU-DS	2025-08-18 11:15:00	10.74	29.35	0.43	7.09	9.97	2134.15
SQU-DS	2025-08-18 11:30:00	10.76	29.01	0.43	7.10	9.97	2135.25
SQU-DS	2025-08-18 11:45:00	10.78	29.42	0.43	7.10	9.96	2161.57
SQU-DS	2025-08-18 12:00:00	10.81	30.09	0.43	7.10	9.96	2188.92
SQU-DS	2025-08-18 12:15:00	10.84	26.54	0.43	7.11	9.95	2196.38
SQU-DS	2025-08-18 12:30:00	10.93	30.03	0.42	7.11	9.97	2220.30
SQU-DS	2025-08-18 12:45:00	11.01	30.23	0.42	7.11	9.96	2230.22
SQU-DS	2025-08-18 13:00:00	11.10	30.03	0.42	7.12	9.96	2222.50
SQU-DS	2025-08-18 13:15:00	11.24	30.25	0.43	7.02	9.94	184.20
SQU-DS	2025-08-18 13:30:00	11.30	30.33	0.40	7.12	9.96	148.89
SQU-DS	2025-08-18 13:45:00	11.35	30.30	0.40	7.12	9.96	172.41
SQU-DS	2025-08-18 14:00:00	11.41	30.41	0.40	7.13	9.95	138.17
SQU-DS	2025-08-18 14:15:00	11.42	30.74	0.40	7.13	9.96	119.40
SQU-DS	2025-08-18 14:30:00	11.48	31.18	0.39	7.18	9.94	125.03

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-18 14:45:00	11.49	30.70	0.40	7.21	9.94	119.59
SQU-DS	2025-08-18 15:00:00	11.49	30.31	0.40	7.20	9.93	99.17
SQU-DS	2025-08-18 15:15:00	11.50	30.73	0.41	7.18	9.92	99.39
SQU-DS	2025-08-18 15:30:00	11.50	30.39	0.41	7.20	9.90	111.08
SQU-DS	2025-08-18 15:45:00	11.51	31.10	0.41	7.18	9.91	109.36
SQU-DS	2025-08-18 16:00:00	11.53	31.65	0.41	7.21	9.90	111.09
SQU-DS	2025-08-18 16:15:00	11.56	32.31	0.41	7.20	9.89	104.42
SQU-DS	2025-08-18 16:30:00	11.58	32.62	0.41	7.19	9.88	98.71
SQU-DS	2025-08-18 16:45:00	11.61	33.33	0.41	7.21	9.85	93.02
SQU-DS	2025-08-18 17:00:00	11.66	33.88	0.41	7.22	9.85	99.96
SQU-DS	2025-08-18 17:15:00	11.69	33.90	0.41	7.20	9.84	102.42
SQU-DS	2025-08-18 17:30:00	11.71	34.03	0.41	7.20	9.83	75.07
SQU-DS	2025-08-18 17:45:00	11.73	33.92	0.41	7.19	9.83	94.68
SQU-DS	2025-08-18 18:00:00	11.75	34.27	0.41	7.19	9.81	69.86
SQU-DS	2025-08-18 18:15:00	11.74	34.48	0.41	7.17	9.81	79.20
SQU-DS	2025-08-18 18:30:00	11.74	34.45	0.41	7.15	9.81	75.81
SQU-DS	2025-08-18 18:45:00	11.73	34.43	0.41	7.15	9.76	84.53
SQU-DS	2025-08-18 19:00:00	11.73	34.74	0.41	7.14	9.77	84.92
SQU-DS	2025-08-18 19:15:00	11.71	34.97	0.41	7.10	9.73	84.08
SQU-DS	2025-08-18 19:30:00	11.68	34.75	0.41	7.08	9.75	80.06
SQU-DS	2025-08-18 19:45:00	11.66	34.88	0.41	7.10	9.72	76.48
SQU-DS	2025-08-18 20:00:00	11.62	34.76	0.41	7.08	9.75	78.00
SQU-DS	2025-08-18 20:15:00	11.59	34.40	0.42	7.03	9.74	79.88
SQU-DS	2025-08-18 20:30:00	11.58	34.86	0.41	7.06	9.75	88.68
SQU-DS	2025-08-18 20:45:00	11.57	34.78	0.41	7.09	9.73	77.25
SQU-DS	2025-08-18 21:00:00	11.55	34.39	0.41	7.08	9.75	85.65
SQU-DS	2025-08-18 21:15:00	11.53	34.10	0.41	7.07	9.77	85.47
SQU-DS	2025-08-18 21:30:00	11.52	33.51	0.41	7.09	9.78	84.46
SQU-DS	2025-08-18 21:45:00	11.53	34.03	0.41	7.07	9.76	72.93
SQU-DS	2025-08-18 22:00:00	11.52	33.76	0.41	7.11	9.77	71.43
SQU-DS	2025-08-18 22:15:00	11.52	33.81	0.41	7.07	9.77	76.58
SQU-DS	2025-08-18 22:30:00	11.51	33.57	0.41	7.11	9.78	85.35
SQU-DS	2025-08-18 22:45:00	11.51	33.16	0.42	7.07	9.78	84.93
SQU-DS	2025-08-18 23:00:00	11.50	32.79	0.41	7.14	9.81	83.07
SQU-DS	2025-08-18 23:15:00	11.49	32.38	0.41	7.12	9.81	85.01
SQU-DS	2025-08-18 23:30:00	11.48	32.37	0.41	7.14	9.81	76.45
SQU-DS	2025-08-18 23:45:00	11.48	32.28	0.42	7.14	9.81	78.93
SQU-DS	2025-08-19 00:00:00	11.46	31.83	0.42	7.15	9.82	76.58
SQU-DS	2025-08-19 00:15:00	11.45	31.57	0.42	7.14	9.83	74.97
SQU-DS	2025-08-19 00:30:00	11.43	31.33	0.42	7.13	9.84	72.90
SQU-DS	2025-08-19 00:45:00	11.41	31.31	0.42	7.17	9.84	72.24
SQU-DS	2025-08-19 01:00:00	11.39	31.28	0.42	7.16	9.85	75.33
SQU-DS	2025-08-19 01:15:00	11.37	31.18	0.42	7.16	9.86	70.74
SQU-DS	2025-08-19 01:30:00	11.37	31.59	0.42	7.16	9.85	68.97
SQU-DS	2025-08-19 01:45:00	11.38	32.03	0.42	7.11	9.84	74.36
SQU-DS	2025-08-19 02:00:00	11.40	32.31	0.42	7.16	9.83	87.86
SQU-DS	2025-08-19 02:15:00	11.42	32.70	0.42	7.13	9.83	84.04
SQU-DS	2025-08-19 02:30:00	11.45	32.92	0.42	7.09	9.82	70.89
SQU-DS	2025-08-19 02:45:00	11.46	33.18	0.42	7.11	9.78	87.22
SQU-DS	2025-08-19 03:00:00	11.45	33.23	0.42	7.08	9.80	76.36
SQU-DS	2025-08-19 03:15:00	11.44	32.94	0.42	7.07	9.82	94.94
SQU-DS	2025-08-19 03:30:00	11.43	33.38	0.42	7.01	9.80	99.56
SQU-DS	2025-08-19 03:45:00	11.41	33.06	0.42	7.04	9.80	90.16
SQU-DS	2025-08-19 04:00:00	11.39	32.52	0.42	7.05	9.82	117.48
SQU-DS	2025-08-19 04:15:00	11.36	33.33	0.42	7.04	9.81	116.48
SQU-DS	2025-08-19 04:30:00	11.32	32.89	0.42	7.04	9.83	115.67
SQU-DS	2025-08-19 04:45:00	11.26	32.57	0.42	7.03	9.84	87.67
SQU-DS	2025-08-19 05:00:00	11.20	32.44	0.42	7.01	9.86	116.41
SQU-DS	2025-08-19 05:15:00	11.13	32.43	0.42	7.02	9.87	120.66

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-19 05:30:00	11.07	32.19	0.42	7.02	9.88	120.91
SQU-DS	2025-08-19 05:45:00	11.01	32.48	0.42	6.97	9.88	98.91
SQU-DS	2025-08-19 06:00:00	10.96	32.13	0.42	7.00	9.90	124.98
SQU-DS	2025-08-19 06:15:00	10.92	32.04	0.42	6.98	9.89	118.32
SQU-DS	2025-08-19 06:30:00	10.89	31.94	0.42	6.98	9.89	124.88
SQU-DS	2025-08-19 06:45:00	10.86	32.16	0.42	7.00	9.89	107.48
SQU-DS	2025-08-19 07:00:00	10.83	31.99	0.42	6.98	9.91	114.27
SQU-DS	2025-08-19 07:15:00	10.81	31.90	0.42	6.98	9.90	121.57
SQU-DS	2025-08-19 07:30:00	10.79	32.19	0.42	6.97	9.91	117.88
SQU-DS	2025-08-19 07:45:00	10.76	31.52	0.42	6.99	9.93	125.61
SQU-DS	2025-08-19 08:00:00	10.73	31.87	0.42	6.99	9.94	107.70
SQU-DS	2025-08-19 08:15:00	10.70	31.51	0.41	7.00	9.96	132.91
SQU-DS	2025-08-19 08:30:00	10.66	31.75	0.42	6.95	9.94	119.36
SQU-DS	2025-08-19 08:45:00	10.63	31.88	0.42	6.97	9.94	115.53
SQU-DS	2025-08-19 09:00:00	10.59	31.46	0.42	6.96	9.98	126.30
SQU-DS	2025-08-19 09:15:00	10.57	31.51	0.42	6.95	9.97	114.55
SQU-DS	2025-08-19 09:30:00	10.54	31.13	0.41	6.99	10.02	113.99
SQU-DS	2025-08-19 09:45:00	10.54	31.34	0.41	6.97	10.00	115.05
SQU-DS	2025-08-19 10:00:00	10.53	31.04	0.42	6.95	10.01	128.04
SQU-DS	2025-08-19 10:15:00	10.53	30.76	0.41	7.02	10.04	98.55
SQU-DS	2025-08-19 10:30:00	10.54	30.65	0.42	6.96	10.04	108.90
SQU-DS	2025-08-19 10:45:00	10.54	30.33	0.41	6.99	10.04	111.18
SQU-DS	2025-08-19 11:00:00	10.55	30.45	0.41	7.00	10.05	105.37
SQU-DS	2025-08-19 11:15:00	10.55	30.58	0.41	7.00	10.05	106.88
SQU-DS	2025-08-19 11:30:00	10.57	30.57	0.41	6.99	10.06	118.76
SQU-DS	2025-08-19 11:45:00	10.58	30.65	0.41	7.00	10.06	91.30
SQU-DS	2025-08-19 12:00:00	10.60	30.72	0.41	7.00	10.03	100.81
SQU-DS	2025-08-19 12:15:00	10.62	30.61	0.41	6.98	10.06	92.92
SQU-DS	2025-08-19 12:30:00	10.61	31.37	0.41	7.02	10.06	110.49
SQU-DS	2025-08-19 12:45:00	10.63	31.82	0.41	6.99	10.04	108.38
SQU-DS	2025-08-19 13:00:00	10.67	30.92	0.41	6.99	10.06	98.38
SQU-DS	2025-08-19 13:15:00	10.71	30.75	0.41	7.01	10.05	99.12
SQU-DS	2025-08-19 13:30:00	10.78	30.87	0.41	7.00	10.05	101.90
SQU-DS	2025-08-19 13:45:00	10.84	31.21	0.41	7.05	10.02	77.78
SQU-DS	2025-08-19 14:00:00	10.90	31.45	0.41	7.05	10.03	80.17
SQU-DS	2025-08-19 14:15:00	10.95	30.70	0.41	7.02	10.04	91.45
SQU-DS	2025-08-19 14:30:00	11.00	31.19	0.41	7.07	10.02	79.73
SQU-DS	2025-08-19 14:45:00	11.05	31.52	0.41	7.08	10.03	72.60
SQU-DS	2025-08-19 15:00:00	11.07	31.31	0.41	7.10	10.01	59.52
SQU-DS	2025-08-19 15:15:00	11.10	31.59	0.41	7.13	10.01	59.71
SQU-DS	2025-08-19 15:30:00	11.11	31.58	0.41	7.15	10.00	65.03
SQU-DS	2025-08-19 15:45:00	11.14	31.44	0.41	7.12	10.00	59.10
SQU-DS	2025-08-19 16:00:00	11.15	31.54	0.41	7.14	10.00	62.56
SQU-DS	2025-08-19 16:15:00	11.18	31.86	0.41	7.16	9.98	48.33
SQU-DS	2025-08-19 16:30:00	11.21	31.70	0.41	7.17	9.98	50.39
SQU-DS	2025-08-19 16:45:00	11.26	31.76	0.41	7.18	9.98	48.23
SQU-DS	2025-08-19 17:00:00	11.29	31.65	0.42	7.19	9.98	46.93
SQU-DS	2025-08-19 17:15:00	11.34	32.17	0.42	7.20	9.97	41.64
SQU-DS	2025-08-19 17:30:00	11.38	32.64	0.42	7.19	9.95	40.58
SQU-DS	2025-08-19 17:45:00	11.40	32.49	0.42	7.20	9.96	38.42
SQU-DS	2025-08-19 18:00:00	11.42	32.91	0.42	7.21	9.95	41.94
SQU-DS	2025-08-19 18:15:00	11.43	32.99	0.42	7.21	9.93	35.04
SQU-DS	2025-08-19 18:30:00	11.42	33.16	0.42	7.18	9.93	34.88
SQU-DS	2025-08-19 18:45:00	11.42	33.62	0.42	7.15	9.94	34.40
SQU-DS	2025-08-19 19:00:00	11.41	33.50	0.42	7.16	9.94	35.74
SQU-DS	2025-08-19 19:15:00	11.41	33.35	0.42	7.17	9.93	38.03
SQU-DS	2025-08-19 19:30:00	11.41	33.49	0.42	7.12	9.93	37.51
SQU-DS	2025-08-19 19:45:00	11.42	33.53	0.42	7.12	9.91	45.47
SQU-DS	2025-08-19 20:00:00	11.40	32.93	0.42	7.12	9.92	40.51

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-19 20:15:00	11.38	32.89	0.42	7.14	9.92	42.43
SQU-DS	2025-08-19 20:30:00	11.35	32.51	0.42	7.13	9.92	42.69
SQU-DS	2025-08-19 20:45:00	11.32	32.09	0.42	7.12	9.93	42.00
SQU-DS	2025-08-19 21:00:00	11.30	31.89	0.42	7.12	9.94	40.21
SQU-DS	2025-08-19 21:15:00	11.29	32.06	0.42	7.10	9.93	42.33
SQU-DS	2025-08-19 21:30:00	11.29	32.00	0.42	7.11	9.93	41.72
SQU-DS	2025-08-19 21:45:00	11.29	31.93	0.42	7.12	9.93	44.65
SQU-DS	2025-08-19 22:00:00	11.28	30.94	0.42	7.11	9.95	50.10
SQU-DS	2025-08-19 22:15:00	11.27	30.65	0.42	7.14	9.97	51.54
SQU-DS	2025-08-19 22:30:00	11.28	30.90	0.42	7.09	9.97	48.51
SQU-DS	2025-08-19 22:45:00	11.28	30.36	0.42	7.16	9.97	44.62
SQU-DS	2025-08-19 23:00:00	11.29	30.12	0.42	7.12	9.96	55.90
SQU-DS	2025-08-19 23:15:00	11.30	29.90	0.42	7.12	9.95	47.99
SQU-DS	2025-08-19 23:30:00	11.29	29.09	0.42	7.15	9.98	51.75
SQU-DS	2025-08-19 23:45:00	11.29	28.71	0.42	7.18	9.98	56.94
SQU-DS	2025-08-20 00:00:00	11.27	28.66	0.42	7.16	9.99	52.30
SQU-DS	2025-08-20 00:15:00	11.25	28.40	0.42	7.18	10.00	47.86
SQU-DS	2025-08-20 00:30:00	11.22	28.00	0.42	7.19	10.00	60.91
SQU-DS	2025-08-20 00:45:00	11.19	28.24	0.42	7.16	10.01	63.93
SQU-DS	2025-08-20 01:00:00	11.15	28.14	0.42	7.18	10.02	78.43
SQU-DS	2025-08-20 01:15:00	11.09	27.48	0.42	7.19	10.03	65.60
SQU-DS	2025-08-20 01:30:00	11.04	27.60	0.43	7.17	10.05	63.68
SQU-DS	2025-08-20 01:45:00	10.98	27.49	0.43	7.17	10.06	70.30
SQU-DS	2025-08-20 02:00:00	10.93	27.63	0.43	7.15	10.07	85.23
SQU-DS	2025-08-20 02:15:00	10.88	27.32	0.43	7.17	10.09	74.51
SQU-DS	2025-08-20 02:30:00	10.81	26.87	0.43	7.16	10.10	94.06
SQU-DS	2025-08-20 02:45:00	10.77	27.16	0.43	7.16	10.12	94.90
SQU-DS	2025-08-20 03:00:00	10.71	26.81	0.43	7.18	10.13	81.73
SQU-DS	2025-08-20 03:15:00	10.67	27.06	0.43	7.20	10.14	83.22
SQU-DS	2025-08-20 03:30:00	10.62	26.93	0.43	7.17	10.14	88.24
SQU-DS	2025-08-20 03:45:00	10.58	26.88	0.43	7.16	10.16	85.39
SQU-DS	2025-08-20 04:00:00	10.54	26.82	0.43	7.14	10.17	87.25
SQU-DS	2025-08-20 04:15:00	10.52	27.16	0.43	7.14	10.16	76.68
SQU-DS	2025-08-20 04:30:00	10.50	27.35	0.43	7.13	10.14	92.74
SQU-DS	2025-08-20 04:45:00	10.49	27.62	0.43	7.12	10.11	86.80
SQU-DS	2025-08-20 05:00:00	10.46	27.00	0.43	7.08	10.08	83.67
SQU-DS	2025-08-20 05:15:00	10.46	27.37	0.43	7.08	10.02	90.93
SQU-DS	2025-08-20 05:30:00	10.45	27.17	0.43	7.05	9.97	80.97
SQU-DS	2025-08-20 05:45:00	10.45	26.95	0.43	7.05	9.95	83.76
SQU-DS	2025-08-20 06:00:00	10.44	26.86	0.43	7.03	9.90	81.12
SQU-DS	2025-08-20 06:15:00	10.42	26.85	0.43	7.05	9.88	85.92
SQU-DS	2025-08-20 06:30:00	10.40	26.69	0.43	7.04	9.83	76.65
SQU-DS	2025-08-20 06:45:00	10.37	26.75	0.43	7.02	9.82	101.23
SQU-DS	2025-08-20 07:00:00	10.35	27.08	0.43	7.01	9.81	77.41
SQU-DS	2025-08-20 07:15:00	10.33	26.47	0.43	7.00	9.81	87.49
SQU-DS	2025-08-20 07:30:00	10.30	26.09	0.43	7.01	9.85	84.81
SQU-DS	2025-08-20 07:45:00	10.29	26.59	0.43	7.01	9.86	92.92
SQU-DS	2025-08-20 08:00:00	10.27	26.03	0.43	6.98	9.89	81.70
SQU-DS	2025-08-20 08:15:00	10.28	26.29	0.43	6.97	9.89	83.37
SQU-DS	2025-08-20 08:30:00	10.29	26.61	0.43	7.02	9.90	77.82
SQU-DS	2025-08-20 08:45:00	10.30	26.55	0.43	6.98	9.91	81.03
SQU-DS	2025-08-20 09:00:00	10.31	26.53	0.43	6.98	9.94	74.32
SQU-DS	2025-08-20 09:15:00	10.33	26.85	0.43	6.99	9.94	79.00
SQU-DS	2025-08-20 09:30:00	10.37	26.92	0.43	6.96	9.97	86.07
SQU-DS	2025-08-20 09:45:00	10.41	27.38	0.42	6.99	9.96	75.72
SQU-DS	2025-08-20 10:00:00	10.48	27.67	0.42	6.97	9.96	82.66
SQU-DS	2025-08-20 10:15:00	10.54	27.16	0.42	6.98	9.98	77.94
SQU-DS	2025-08-20 10:30:00	10.64	28.01	0.42	6.98	9.97	67.05
SQU-DS	2025-08-20 10:45:00	10.71	27.68	0.42	6.96	9.97	61.37

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-20 11:00:00		27.73		6.95	9.96	
SQU-DS	2025-08-20 11:15:00	10.87	27.60	0.42	6.98	9.96	63.32
SQU-DS	2025-08-20 11:30:00	10.97	28.23	0.42	6.96	9.94	54.00
SQU-DS	2025-08-20 11:45:00	11.07	28.24	0.42	6.95	9.93	55.92
SQU-DS	2025-08-20 12:00:00	11.15	28.41	0.42	6.98	9.92	61.71
SQU-DS	2025-08-20 12:15:00	11.26	28.76	0.42	6.95	9.92	72.14
SQU-DS	2025-08-20 12:30:00	11.34	29.10	0.42	6.94	9.90	49.65
SQU-DS	2025-08-20 12:45:00	11.44	28.89	0.42	6.94	9.88	60.55
SQU-DS	2025-08-20 13:00:00	11.52	28.95	0.42	6.94	9.88	50.88
SQU-DS	2025-08-20 13:15:00	11.62	29.40	0.42	6.92	9.84	50.75
SQU-DS	2025-08-20 13:30:00	11.70	29.49	0.42	6.95	9.83	44.37
SQU-DS	2025-08-20 13:45:00	11.77	29.90	0.42	6.93	9.80	47.41
SQU-DS	2025-08-20 14:00:00	11.83	29.39	0.42	6.93	9.81	46.46
SQU-DS	2025-08-20 14:15:00	11.92	29.86	0.42	6.97	9.80	45.13
SQU-DS	2025-08-20 14:30:00	11.98	30.17	0.42	6.93	9.77	48.47
SQU-DS	2025-08-20 14:45:00	12.05	30.01	0.42	6.99	9.78	38.57
SQU-DS	2025-08-20 15:00:00	12.13	29.88	0.42	6.97	9.76	42.75
SQU-DS	2025-08-20 15:15:00	12.13	29.86	0.42	6.97	9.76	40.75
SQU-DS	2025-08-20 15:30:00	12.16	30.44	0.42	7.00	9.74	33.14
SQU-DS	2025-08-20 15:45:00	12.14	29.72	0.42	7.02	9.74	32.83
SQU-DS	2025-08-20 16:00:00	12.16	29.88	0.42	7.03	9.72	30.29
SQU-DS	2025-08-20 16:15:00	12.16	30.51	0.42	7.10	9.68	32.32
SQU-DS	2025-08-20 16:30:00	12.18	30.81	0.42	7.08	9.64	25.37
SQU-DS	2025-08-20 16:45:00	12.17	30.95	0.42	7.08	9.60	24.35
SQU-DS	2025-08-20 17:00:00	12.17	30.95	0.42	7.13	9.57	24.66
SQU-DS	2025-08-20 17:15:00	12.19	31.02	0.42	7.14	9.54	23.27
SQU-DS	2025-08-20 17:30:00	12.22	31.36	0.42	7.14	9.50	24.52
SQU-DS	2025-08-20 17:45:00	12.26	31.67	0.43	7.13	9.52	39.51
SQU-DS	2025-08-20 18:00:00	12.28	31.75	0.42	7.12	9.43	37.61
SQU-DS	2025-08-20 18:15:00	12.32	32.18	0.42	7.14	9.39	38.83
SQU-DS	2025-08-20 18:30:00	12.32	32.42	0.43	7.14	9.36	38.11
SQU-DS	2025-08-20 18:45:00	12.33	33.04	0.42	7.16	9.30	34.94
SQU-DS	2025-08-20 19:00:00	12.29	33.13	0.43	7.11	9.25	44.45
SQU-DS	2025-08-20 19:15:00	12.28	34.36	0.42	7.14	9.19	54.55
SQU-DS	2025-08-20 19:30:00	12.24	34.13	0.43	7.12	9.16	45.39
SQU-DS	2025-08-20 19:45:00	12.22	34.44	0.43	7.09	9.09	43.86
SQU-DS	2025-08-20 20:00:00	12.19	33.94	0.42	7.11	9.06	47.06
SQU-DS	2025-08-20 20:15:00	12.20	34.34	0.43	7.08	9.00	47.03
SQU-DS	2025-08-20 20:30:00	12.19	33.69	0.43	7.06	8.95	46.20
SQU-DS	2025-08-20 20:45:00	12.22	33.97	0.42	7.09	8.91	40.55
SQU-DS	2025-08-20 21:00:00	12.26	33.87	0.43	7.02	8.88	76.95
SQU-DS	2025-08-20 21:15:00	12.30	33.98	0.43	7.03	9.01	46.74
SQU-DS	2025-08-20 21:30:00	12.34	34.07	0.43	7.06	9.03	43.18
SQU-DS	2025-08-20 21:45:00	12.38	34.12	0.42	7.06	9.03	46.20
SQU-DS	2025-08-20 22:00:00	12.41	34.43	0.43	7.03	9.03	48.33
SQU-DS	2025-08-20 22:15:00	12.45	34.18	0.43	7.03	9.01	46.17
SQU-DS	2025-08-20 22:30:00	12.45	33.68	0.43	7.02	9.05	42.11
SQU-DS	2025-08-20 22:45:00	12.45	34.05	0.42	7.06	9.07	45.36
SQU-DS	2025-08-20 23:00:00	12.43	34.81	0.43	7.03	9.10	46.96
SQU-DS	2025-08-20 23:15:00	12.41	33.76	0.43	7.03	9.12	51.49
SQU-DS	2025-08-20 23:30:00	12.38	33.90	0.42	7.05	9.13	51.65
SQU-DS	2025-08-20 23:45:00	12.34	32.97	0.43	7.05	9.16	55.01
SQU-DS	2025-08-21 00:00:00	12.31	32.89	0.43	7.04	9.18	57.64
SQU-DS	2025-08-21 00:15:00	12.28	32.95	0.43	7.06	9.20	53.35
SQU-DS	2025-08-21 00:30:00	12.24	32.60	0.43	7.05	9.22	53.48
SQU-DS	2025-08-21 00:45:00	12.19	32.92	0.43	7.06	9.24	53.68
SQU-DS	2025-08-21 01:00:00	12.15	32.30	0.43	7.08	9.26	49.52
SQU-DS	2025-08-21 01:15:00	12.09	32.38	0.43	7.09	9.28	55.54
SQU-DS	2025-08-21 01:30:00	12.04	32.32	0.43	7.07	9.27	55.90

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-21 01:45:00	11.97	32.00	0.43	7.08	9.28	61.87
SQU-DS	2025-08-21 02:00:00	11.91	31.75	0.43	7.11	9.29	63.68
SQU-DS	2025-08-21 02:15:00	11.85	31.79	0.43	7.11	9.27	59.38
SQU-DS	2025-08-21 02:30:00	11.78	31.19	0.43	7.10	9.26	59.54
SQU-DS	2025-08-21 02:45:00	11.73	31.36	0.43	7.12	9.26	57.60
SQU-DS	2025-08-21 03:00:00	11.66	31.28	0.43	7.11	9.23	64.47
SQU-DS	2025-08-21 03:15:00	11.60	31.19	0.43	7.11	9.21	62.23
SQU-DS	2025-08-21 03:30:00	11.53	31.02	0.43	7.13	9.19	62.80
SQU-DS	2025-08-21 03:45:00	11.46	30.80	0.43	7.12	9.17	65.09
SQU-DS	2025-08-21 04:00:00	11.39	30.86	0.43	7.13	9.14	64.50
SQU-DS	2025-08-21 04:15:00	11.34	31.47	0.43	7.15	9.09	64.11
SQU-DS	2025-08-21 04:30:00	11.27	31.24	0.43	7.13	9.06	63.68
SQU-DS	2025-08-21 04:45:00	11.21	31.22	0.43	7.09	9.02	64.54
SQU-DS	2025-08-21 05:00:00	11.16	31.69	0.43	7.10	8.98	68.23
SQU-DS	2025-08-21 05:15:00	11.10	31.62	0.43	7.04	8.96	67.58
SQU-DS	2025-08-21 05:30:00	11.04	31.71	0.43	7.01	8.92	65.75
SQU-DS	2025-08-21 05:45:00	10.98	31.58	0.43	7.02	8.93	76.43
SQU-DS	2025-08-21 06:00:00	10.93	31.60	0.43	7.02	8.95	98.58
SQU-DS	2025-08-21 06:15:00	10.88	31.07	0.43	7.00	8.97	77.45
SQU-DS	2025-08-21 06:30:00	10.84	30.99	0.43	6.96	9.00	95.37
SQU-DS	2025-08-21 06:45:00	10.79	31.36	0.43	6.98	9.06	83.60
SQU-DS	2025-08-21 07:00:00	10.76	30.97	0.43	6.99	9.13	79.38
SQU-DS	2025-08-21 07:15:00	10.72	30.89	0.43	7.01	9.20	79.07
SQU-DS	2025-08-21 07:30:00	10.69	30.82	0.43	6.97	9.27	82.95
SQU-DS	2025-08-21 07:45:00	10.66	32.09	0.43	7.01	9.26	74.12
SQU-DS	2025-08-21 08:00:00	10.62	30.74	0.43	6.98	9.26	78.04
SQU-DS	2025-08-21 08:15:00	10.58	30.62	0.43	6.95	9.27	79.63
SQU-DS	2025-08-21 08:30:00	10.54	29.32	0.43	6.95	9.28	93.28
SQU-DS	2025-08-21 08:45:00	10.54	30.68	0.43	6.98	9.31	81.97
SQU-DS	2025-08-21 09:00:00	10.52	33.32	0.43	6.95	9.33	77.21
SQU-DS	2025-08-21 09:15:00	10.52	29.40	0.43	6.96	9.36	74.03
SQU-DS	2025-08-21 09:30:00	10.56	31.23	0.43	6.97	9.43	88.66
SQU-DS	2025-08-21 09:45:00	10.60	30.47	0.43	6.94	9.52	83.48
SQU-DS	2025-08-21 10:00:00	10.64	31.25	0.43	6.96	9.54	77.18
SQU-DS	2025-08-21 10:15:00	10.70	29.88	0.42	6.98	9.58	68.66
SQU-DS	2025-08-21 10:30:00	10.79	30.97	0.43	6.92	9.57	75.29
SQU-DS	2025-08-21 10:45:00	10.86	30.70	0.42	6.93	9.58	67.66
SQU-DS	2025-08-21 11:00:00	10.94	30.71	0.42	6.93	9.58	65.94
SQU-DS	2025-08-21 11:15:00	11.02	30.48	0.42	6.95	9.56	65.22
SQU-DS	2025-08-21 11:30:00	11.10	30.58	0.42	6.94	9.56	61.79
SQU-DS	2025-08-21 11:45:00	11.18	30.52	0.42	6.92	9.55	64.57
SQU-DS	2025-08-21 12:00:00	11.26	30.56	0.42	6.95	9.54	71.44
SQU-DS	2025-08-21 12:15:00	11.37	31.77	0.42	6.94	9.51	63.07
SQU-DS	2025-08-21 12:30:00	11.44	32.74	0.42	6.94	9.51	71.88
SQU-DS	2025-08-21 12:45:00	11.53	31.75	0.42	6.94	9.50	66.10
SQU-DS	2025-08-21 13:00:00	11.62	31.97	0.42	6.93	9.46	57.04
SQU-DS	2025-08-21 13:15:00	11.69	31.97	0.42	6.94	9.45	54.25
SQU-DS	2025-08-21 13:30:00	11.77	31.49	0.42	6.93	9.43	51.81
SQU-DS	2025-08-21 13:45:00	11.86	32.99	0.42	6.92	9.41	60.87
SQU-DS	2025-08-21 14:00:00	11.94	32.96	0.42	6.97	9.39	50.44
SQU-DS	2025-08-21 14:15:00	12.02	31.78	0.42	6.94	9.36	54.10
SQU-DS	2025-08-21 14:30:00	12.12	32.60	0.42	6.93	9.33	50.22
SQU-DS	2025-08-21 14:45:00	12.19	32.64	0.42	6.93	9.31	44.93
SQU-DS	2025-08-21 15:00:00	12.26	32.38	0.41	6.95	9.29	49.82
SQU-DS	2025-08-21 15:15:00	12.33	33.58	0.41	6.94	9.25	38.84
SQU-DS	2025-08-21 15:30:00	12.38	29.80	0.40	6.96	9.06	68.23
SQU-DS	2025-08-21 15:45:00	12.45	30.83	0.40	6.95	8.85	69.41
SQU-DS	2025-08-21 16:00:00	12.47	30.59	0.40	6.97	8.74	68.58
SQU-DS	2025-08-21 16:15:00	12.53	30.73	0.40	7.01	8.63	55.56

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-21 16:30:00	12.56	30.45	0.40	7.07	8.51	56.46
SQU-DS	2025-08-21 16:45:00	12.58	30.44	0.41	7.05	8.38	47.48
SQU-DS	2025-08-21 17:00:00	12.59	30.58	0.41	7.09	8.25	46.57
SQU-DS	2025-08-21 17:15:00	12.62	30.57	0.41	7.07	8.10	44.72
SQU-DS	2025-08-21 17:30:00	12.62	30.57	0.41	7.07	7.98	44.99
SQU-DS	2025-08-21 17:45:00	12.62	30.65	0.41	7.09	7.84	49.28
SQU-DS	2025-08-21 18:00:00	12.58	30.32	0.41	7.12	7.66	51.42
SQU-DS	2025-08-21 18:15:00	12.56	30.24	0.41	7.13	7.48	53.45
SQU-DS	2025-08-21 18:30:00	12.56	30.95	0.41	7.12	7.29	49.26
SQU-DS	2025-08-21 18:45:00	12.54	30.71	0.41	7.10	7.12	48.90
SQU-DS	2025-08-21 19:00:00	12.52	30.55	0.41	7.14	6.97	57.03
SQU-DS	2025-08-21 19:15:00	12.52	30.94	0.41	7.15	6.84	49.62
SQU-DS	2025-08-21 19:30:00	12.57	31.83	0.41	7.16	6.65	42.42
SQU-DS	2025-08-21 19:45:00	12.64	32.56	0.41	7.12	6.43	82.36
SQU-DS	2025-08-21 20:00:00	12.71	32.96	0.41	7.15	6.24	104.35
SQU-DS	2025-08-21 20:15:00	12.78	33.14	0.41	7.14	6.06	87.29
SQU-DS	2025-08-21 20:30:00	12.81	33.26	0.41	7.15	5.88	99.04
SQU-DS	2025-08-21 20:45:00	12.85	33.00	0.41	7.11	5.74	104.06
SQU-DS	2025-08-21 21:00:00	12.86	33.23	0.41	7.16	5.58	97.40
SQU-DS	2025-08-21 21:15:00	12.90	33.06	0.41	7.12	5.46	117.46
SQU-DS	2025-08-21 21:30:00	12.93	33.37	0.41	7.10	5.36	90.01
SQU-DS	2025-08-21 21:45:00	12.93	33.04	0.40	7.13	5.30	99.89
SQU-DS	2025-08-21 22:00:00	12.95	33.04	0.41	7.09	5.29	90.57
SQU-DS	2025-08-21 22:15:00	12.95	33.14	0.40	7.09	5.37	91.01
SQU-DS	2025-08-21 22:30:00	12.96	33.27	0.40	7.08	5.46	93.27
SQU-DS	2025-08-21 22:45:00	12.96	33.33	0.40	7.08	5.52	81.47
SQU-DS	2025-08-21 23:00:00	12.96	33.06	0.40	7.07	5.58	88.36
SQU-DS	2025-08-21 23:15:00	12.94	33.30	0.40	7.05	5.67	98.29
SQU-DS	2025-08-21 23:30:00	12.93	33.44	0.40	7.06	5.76	106.91
SQU-DS	2025-08-21 23:45:00	12.94	32.72	0.40	7.05	5.84	90.96
SQU-DS	2025-08-22 00:00:00	12.90	33.30	0.40	7.05	5.95	94.17
SQU-DS	2025-08-22 00:15:00	12.88	33.48	0.40	7.07	5.99	92.01
SQU-DS	2025-08-22 00:30:00	12.85	33.67	0.40	7.09	6.06	102.57
SQU-DS	2025-08-22 00:45:00	12.83	33.46	0.40	7.02	6.10	115.38
SQU-DS	2025-08-22 01:00:00	12.81	33.01	0.40	7.05	6.14	113.96
SQU-DS	2025-08-22 01:15:00	12.77	32.75	0.40	7.03	6.17	114.68
SQU-DS	2025-08-22 01:30:00	12.73	32.65	0.40	7.05	6.20	111.65
SQU-DS	2025-08-22 01:45:00	12.68	32.70	0.40	7.05	6.21	110.69
SQU-DS	2025-08-22 02:00:00	12.62	32.49	0.40	7.07	6.23	113.86
SQU-DS	2025-08-22 02:15:00	12.54	32.25	0.40	7.08	6.26	132.83
SQU-DS	2025-08-22 02:30:00	12.45	32.22	0.40	7.08	6.29	124.85
SQU-DS	2025-08-22 02:45:00	12.34	31.48	0.40	7.07	6.28	136.26
SQU-DS	2025-08-22 03:00:00	12.22	30.93	0.40	7.08	6.28	132.27
SQU-DS	2025-08-22 03:15:00	12.09	30.55	0.41	7.06	6.27	147.96
SQU-DS	2025-08-22 03:30:00	11.97	30.43	0.41	7.04	6.24	135.05
SQU-DS	2025-08-22 03:45:00	11.85	27.83	0.41	7.09	6.22	162.19
SQU-DS	2025-08-22 04:00:00	11.72	27.18	0.41	7.09	6.21	136.12
SQU-DS	2025-08-22 04:15:00	11.61	26.99	0.41	7.08	6.17	154.23
SQU-DS	2025-08-22 04:30:00	11.51	27.03	0.41	7.08	6.13	178.70
SQU-DS	2025-08-22 04:45:00	11.43	26.90	0.41	7.12	6.07	133.39
SQU-DS	2025-08-22 05:00:00	11.34	27.03	0.41	7.12	6.01	127.64
SQU-DS	2025-08-22 05:15:00	11.25	27.18	0.41	7.11	5.96	128.14
SQU-DS	2025-08-22 05:30:00	11.15	26.89	0.41	7.06	5.90	142.71
SQU-DS	2025-08-22 05:45:00	11.08	26.85	0.41	7.08	5.86	157.51
SQU-DS	2025-08-22 06:00:00	11.00	26.78	0.41	7.05	5.83	194.83
SQU-DS	2025-08-22 06:15:00	10.94	26.83	0.40	7.09	5.79	167.29
SQU-DS	2025-08-22 06:30:00	10.86	26.63	0.41	7.01	5.79	170.86
SQU-DS	2025-08-22 06:45:00	10.79	26.59	0.41	7.02	5.80	203.80
SQU-DS	2025-08-22 07:00:00	10.72	26.38	0.41	6.99	5.82	171.64

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-22 07:15:00	10.66	26.32	0.41	7.00	5.87	198.10
SQU-DS	2025-08-22 07:30:00	10.61	26.33	0.41	6.98	5.91	170.75
SQU-DS	2025-08-22 07:45:00	10.56	26.05	0.41	6.97	5.94	201.29
SQU-DS	2025-08-22 08:00:00	10.53	25.94	0.41	6.97	5.98	219.77
SQU-DS	2025-08-22 08:15:00	10.51	25.90	0.41	6.98	6.03	166.15
SQU-DS	2025-08-22 08:30:00	10.49	26.00	0.41	6.95	6.11	174.65
SQU-DS	2025-08-22 08:45:00	10.49	25.63	0.41	6.97	6.19	167.63
SQU-DS	2025-08-22 09:00:00	10.52	25.88	0.41	6.98	6.29	139.56
SQU-DS	2025-08-22 09:15:00	10.54	25.53	0.41	6.95	6.36	180.94
SQU-DS	2025-08-22 09:30:00	10.59	25.84	0.41	6.96	6.45	160.78
SQU-DS	2025-08-22 09:45:00	10.63	25.61	0.41	6.98	6.56	178.48
SQU-DS	2025-08-22 10:00:00	10.70	27.59	0.41	6.97	6.64	132.90
SQU-DS	2025-08-22 10:15:00	10.77	26.01	0.40	6.97	6.72	167.19
SQU-DS	2025-08-22 10:30:00	10.84	25.80	0.40	6.97	6.81	135.10
SQU-DS	2025-08-22 10:45:00	10.94	25.93	0.40	6.98	6.89	155.13
SQU-DS	2025-08-22 11:00:00	11.03	26.15	0.40	6.98	6.96	121.66
SQU-DS	2025-08-22 11:15:00	11.13	26.27	0.40	6.95	7.03	125.18
SQU-DS	2025-08-22 11:30:00	11.23	26.07	0.40	6.96	7.11	130.19
SQU-DS	2025-08-22 11:45:00	11.33	26.14	0.40	6.98	7.15	123.85
SQU-DS	2025-08-22 12:00:00	11.43	24.83	0.40	6.99	7.16	183.34
SQU-DS	2025-08-22 12:15:00	11.55	24.55	0.40	6.92	7.18	208.00
SQU-DS	2025-08-22 12:30:00	11.65	24.68	0.40	6.94	7.21	132.20
SQU-DS	2025-08-22 12:45:00	11.75	25.00	0.40	6.93	7.23	132.56
SQU-DS	2025-08-22 13:00:00	11.85	25.41	0.40	6.94	7.26	127.02
SQU-DS	2025-08-22 13:15:00	11.97	25.19	0.40	6.93	7.29	121.06
SQU-DS	2025-08-22 13:30:00	12.06	25.15	0.40	6.99	7.31	107.29
SQU-DS	2025-08-22 13:45:00	12.15	25.45	0.40	6.93	7.30	107.36
SQU-DS	2025-08-22 14:00:00	12.26	30.43	0.39	6.97	7.21	183.52
SQU-DS	2025-08-22 14:15:00	12.36	30.51	0.40	6.92	7.14	124.54
SQU-DS	2025-08-22 14:30:00	12.45	31.38	0.40	6.94	7.05	128.36
SQU-DS	2025-08-22 14:45:00	12.54	31.12	0.40	6.94	6.99	131.15
SQU-DS	2025-08-22 15:00:00	12.61	39.10	0.40	6.96	7.00	141.34
SQU-DS	2025-08-22 15:15:00	12.69	28.85	0.40	6.93	6.99	131.52
SQU-DS	2025-08-22 15:30:00	12.76	29.26	0.40	6.94	6.95	111.89
SQU-DS	2025-08-22 15:45:00	12.82	29.36	0.40	6.95	6.96	105.89
SQU-DS	2025-08-22 16:00:00	12.89	27.02	0.40	6.96	6.98	114.03
SQU-DS	2025-08-22 16:15:00	12.91	26.99	0.40	6.96	7.00	105.55
SQU-DS	2025-08-22 16:30:00	12.97	26.94	0.40	6.98	7.02	103.66
SQU-DS	2025-08-22 16:45:00	12.99	26.83	0.39	7.03	7.01	104.97
SQU-DS	2025-08-22 17:00:00	13.01	26.79	0.39	7.04	7.00	87.98
SQU-DS	2025-08-22 17:15:00	13.00	26.64	0.39	7.07	6.91	101.15
SQU-DS	2025-08-22 17:30:00	13.03	26.98	0.39	7.08	6.81	79.42
SQU-DS	2025-08-22 17:45:00	12.99	26.95	0.39	7.11	6.70	86.42
SQU-DS	2025-08-22 18:00:00	12.97	27.33	0.39	7.11	6.55	74.99
SQU-DS	2025-08-22 18:15:00	12.95	27.65	0.39	7.12	6.41	64.24
SQU-DS	2025-08-22 18:30:00	12.93	27.97	0.39	7.14	6.25	64.39
SQU-DS	2025-08-22 18:45:00	12.90	28.19	0.39	7.12	6.08	59.10
SQU-DS	2025-08-22 19:00:00	12.87	28.60	0.39	7.14	5.91	62.86
SQU-DS	2025-08-22 19:15:00	12.84	29.09	0.39	7.15	5.72	51.98
SQU-DS	2025-08-22 19:30:00	12.78	29.45	0.39	7.16	5.51	60.34
SQU-DS	2025-08-22 19:45:00	12.72	29.49	0.39	7.14	5.17	54.01
SQU-DS	2025-08-22 20:00:00	12.67	29.50	0.39	7.13	4.92	56.10
SQU-DS	2025-08-22 20:15:00	12.65	29.64	0.39	7.10	4.68	57.43
SQU-DS	2025-08-22 20:30:00	12.65	29.61	0.39	7.11	4.46	59.54
SQU-DS	2025-08-22 20:45:00	12.66	29.70	0.39	7.13	4.29	61.41
SQU-DS	2025-08-22 21:00:00	12.66	29.52	0.39	7.10	4.14	56.64
SQU-DS	2025-08-22 21:15:00	12.68	29.15	0.39	7.07	4.02	58.96
SQU-DS	2025-08-22 21:30:00	12.70	28.90	0.38	7.11	4.01	58.70
SQU-DS	2025-08-22 21:45:00	12.72	28.72	0.39	7.10	4.06	74.03

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-22 22:00:00	12.77	28.32	0.39	7.05	4.13	72.10
SQU-DS	2025-08-22 22:15:00	12.80	28.15	0.39	7.04	4.22	69.36
SQU-DS	2025-08-22 22:30:00	12.82	27.31	0.39	7.05	4.31	80.48
SQU-DS	2025-08-22 22:45:00	12.83	27.49	0.39	7.06	4.43	89.52
SQU-DS	2025-08-22 23:00:00	12.84	27.09	0.39	7.06	4.48	88.43
SQU-DS	2025-08-22 23:15:00	12.86	26.74	0.39	7.03	4.62	102.66
SQU-DS	2025-08-22 23:30:00	12.87	26.73	0.39	7.03	4.76	103.98
SQU-DS	2025-08-22 23:45:00	12.87	26.51	0.39	7.07	4.92	112.23
SQU-DS	2025-08-23 00:00:00	12.87	26.43	0.39	7.07	5.06	100.96
SQU-DS	2025-08-23 00:15:00	12.86	26.55	0.39	7.05	5.20	112.67
SQU-DS	2025-08-23 00:30:00	12.83	26.33	0.39	7.06	5.33	102.20
SQU-DS	2025-08-23 00:45:00	12.79	26.15	0.39	7.07	5.43	104.73
SQU-DS	2025-08-23 01:00:00	12.73	26.21	0.39	7.07	5.52	89.70
SQU-DS	2025-08-23 01:15:00	12.66	26.15	0.39	7.06	5.60	113.44
SQU-DS	2025-08-23 01:30:00	12.59	26.27	0.39	7.05	5.69	116.62
SQU-DS	2025-08-23 01:45:00	12.51	26.15	0.39	7.05	5.79	138.69
SQU-DS	2025-08-23 02:00:00	12.42	25.92	0.39	7.07	5.92	126.26
SQU-DS	2025-08-23 02:15:00	12.34	25.79	0.39	7.09	6.04	131.92
SQU-DS	2025-08-23 02:30:00	12.25	25.45	0.39	7.06	6.15	141.38
SQU-DS	2025-08-23 02:45:00	12.16	25.39	0.39	7.08	6.25	132.93
SQU-DS	2025-08-23 03:00:00	12.07	25.21	0.39	7.09	6.30	139.92
SQU-DS	2025-08-23 03:15:00	11.98	24.84	0.39	7.09	6.32	137.71
SQU-DS	2025-08-23 03:30:00	11.89	25.09	0.39	7.08	6.34	140.74
SQU-DS	2025-08-23 03:45:00	11.80	24.50	0.39	7.09	6.33	131.07
SQU-DS	2025-08-23 04:00:00	11.72	24.37	0.39	7.10	6.31	131.23
SQU-DS	2025-08-23 04:15:00	11.65	24.06	0.39	7.12	6.27	137.52
SQU-DS	2025-08-23 04:30:00	11.57	23.88	0.39	7.08	6.23	151.58
SQU-DS	2025-08-23 04:45:00	11.50	23.80	0.39	7.10	6.19	145.39
SQU-DS	2025-08-23 05:00:00	11.44	23.42	0.38	7.12	6.11	105.76
SQU-DS	2025-08-23 05:15:00	11.37	23.10	0.39	7.09	6.04	122.27
SQU-DS	2025-08-23 05:30:00	11.32	24.01	0.39	7.10	5.97	120.36
SQU-DS	2025-08-23 05:45:00	11.26	23.46	0.39	7.12	5.89	113.05
SQU-DS	2025-08-23 06:00:00	11.20	23.52	0.38	7.13	5.79	138.68
SQU-DS	2025-08-23 06:15:00	11.14	23.61	0.38	7.14	5.71	115.32
SQU-DS	2025-08-23 06:30:00	11.08	23.52	0.39	7.09	5.63	110.63
SQU-DS	2025-08-23 06:45:00	11.02	23.57	0.39	7.07	5.55	121.40
SQU-DS	2025-08-23 07:00:00	10.97	23.69	0.39	7.10	5.47	101.00
SQU-DS	2025-08-23 07:15:00	10.90	23.93	0.39	7.10	5.39	111.14
SQU-DS	2025-08-23 07:30:00	10.84	24.29	0.39	7.04	5.32	131.84
SQU-DS	2025-08-23 07:45:00	10.80	24.53	0.39	7.02	5.25	108.67
SQU-DS	2025-08-23 08:00:00	10.77	24.51	0.39	7.04	5.21	127.00
SQU-DS	2025-08-23 08:15:00	10.74	24.04	0.39	7.01	5.21	150.62
SQU-DS	2025-08-23 08:30:00	10.75	24.50	0.39	6.98	5.23	139.21
SQU-DS	2025-08-23 08:45:00	10.77	24.70	0.39	6.98	5.28	123.62
SQU-DS	2025-08-23 09:00:00	10.80	24.65	0.39	6.97	5.35	135.87
SQU-DS	2025-08-23 09:15:00	10.85	24.86	0.39	7.00	5.43	107.40
SQU-DS	2025-08-23 09:30:00	10.90	25.10	0.40	6.97	5.52	117.23
SQU-DS	2025-08-23 09:45:00	10.97	25.23	0.40	6.99	5.60	121.47
SQU-DS	2025-08-23 10:00:00	11.05	25.22	0.41	6.96	5.69	127.46
SQU-DS	2025-08-23 10:15:00	11.11	25.08	0.41	6.98	5.78	127.87
SQU-DS	2025-08-23 10:30:00	11.21	25.37	0.42	6.97	5.87	115.97
SQU-DS	2025-08-23 10:45:00	11.30	25.62	0.42	6.95	5.95	120.86
SQU-DS	2025-08-23 11:00:00	11.38	25.70	0.42	6.98	6.05	132.61
SQU-DS	2025-08-23 11:15:00	11.47	26.21	0.42	6.96	6.10	120.47
SQU-DS	2025-08-23 11:30:00	11.55	26.32	0.42	6.97	6.13	107.90
SQU-DS	2025-08-23 11:45:00	11.64	26.71	0.42	6.96	6.16	111.93
SQU-DS	2025-08-23 12:00:00	11.73	26.62	0.42	7.00	6.19	105.54
SQU-DS	2025-08-23 12:15:00	11.83	27.17	0.42	6.97	6.23	121.28
SQU-DS	2025-08-23 12:30:00	11.91	27.22	0.42	6.98	6.26	109.50

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-23 12:45:00	12.00	27.50	0.42	6.97	6.30	105.77
SQU-DS	2025-08-23 13:00:00	12.07	27.46	0.42	6.98	6.37	110.10
SQU-DS	2025-08-23 13:15:00	12.16	27.51	0.42	6.99	6.38	111.99
SQU-DS	2025-08-23 13:30:00	12.25	27.73	0.42	6.98	6.44	105.63
SQU-DS	2025-08-23 13:45:00	12.32	27.71	0.42	6.97	6.46	107.44
SQU-DS	2025-08-23 14:00:00	12.41	27.79	0.43	6.96	6.51	114.24
SQU-DS	2025-08-23 14:15:00	12.47	28.06	0.42	6.98	6.55	105.38
SQU-DS	2025-08-23 14:30:00	12.55	28.17	0.42	7.00	6.57	103.65
SQU-DS	2025-08-23 14:45:00	12.62	28.38	0.43	6.99	6.60	90.36
SQU-DS	2025-08-23 15:00:00	12.69	28.81	0.42	7.01	6.61	91.04
SQU-DS	2025-08-23 15:15:00	12.74	28.97	0.43	7.00	6.60	87.39
SQU-DS	2025-08-23 15:30:00	12.80	29.16	0.43	6.99	6.58	91.12
SQU-DS	2025-08-23 15:45:00	12.84	29.57	0.43	6.97	6.60	89.10
SQU-DS	2025-08-23 16:00:00	12.87	29.82	0.43	7.01	6.60	81.03
SQU-DS	2025-08-23 16:15:00	12.90	30.03	0.42	7.02	6.60	80.07
SQU-DS	2025-08-23 16:30:00	12.94	30.36	0.42	7.02	6.62	73.49
SQU-DS	2025-08-23 16:45:00	12.99	30.16	0.42	7.03	6.62	94.90
SQU-DS	2025-08-23 17:00:00	13.03	30.53	0.42	7.05	6.61	79.12
SQU-DS	2025-08-23 17:15:00	13.07	30.75	0.42	7.06	6.57	61.12
SQU-DS	2025-08-23 17:30:00	13.13	30.50	0.43	7.04	6.52	76.45
SQU-DS	2025-08-23 17:45:00	13.15	30.41	0.42	7.10	6.48	75.69
SQU-DS	2025-08-23 18:00:00	13.16	30.04	0.42	7.10	6.42	55.13
SQU-DS	2025-08-23 18:15:00	13.18	28.93	0.43	7.11	6.35	55.60
SQU-DS	2025-08-23 18:30:00	13.21	29.07	0.43	7.09	6.27	55.43
SQU-DS	2025-08-23 18:45:00	13.21	28.75	0.43	7.12	6.20	50.15
SQU-DS	2025-08-23 19:00:00	13.20	28.83	0.42	7.17	6.08	43.49
SQU-DS	2025-08-23 19:15:00	13.17	28.66	0.42	7.17	5.94	40.52
SQU-DS	2025-08-23 19:30:00	13.14	28.77	0.43	7.14	5.78	45.84
SQU-DS	2025-08-23 19:45:00	13.12	28.95	0.43	7.15	5.46	54.16
SQU-DS	2025-08-23 20:00:00	13.11	28.95	0.43	7.17	5.29	43.88
SQU-DS	2025-08-23 20:15:00	13.11	28.97	0.43	7.16	5.16	39.94
SQU-DS	2025-08-23 20:30:00	13.12	28.83	0.43	7.13	5.03	47.08
SQU-DS	2025-08-23 20:45:00	13.12	28.92	0.43	7.13	4.90	48.48
SQU-DS	2025-08-23 21:00:00	13.15	28.87	0.43	7.15	4.78	43.60
SQU-DS	2025-08-23 21:15:00	13.16	28.95	0.43	7.15	4.65	47.86
SQU-DS	2025-08-23 21:30:00	13.19	28.88	0.43	7.10	4.53	46.90
SQU-DS	2025-08-23 21:45:00	13.20	28.92	0.43	7.15	4.40	43.94
SQU-DS	2025-08-23 22:00:00	13.22	28.77	0.43	7.11	4.26	47.33
SQU-DS	2025-08-23 22:15:00	13.23	28.80	0.43	7.11	4.13	49.85
SQU-DS	2025-08-23 22:30:00	13.23	28.94	0.43	7.10	4.02	46.39
SQU-DS	2025-08-23 22:45:00	13.24	29.00	0.43	7.11	3.92	47.87
SQU-DS	2025-08-23 23:00:00	13.25	29.09	0.43	7.09	3.85	69.50
SQU-DS	2025-08-23 23:15:00	13.24	29.17	0.43	7.09	3.82	76.45
SQU-DS	2025-08-23 23:30:00	13.22	29.33	0.43	7.09	3.80	71.82
SQU-DS	2025-08-23 23:45:00	13.19	29.50	0.43	7.10	3.81	85.94
SQU-DS	2025-08-24 00:00:00	13.14	29.70	0.43	7.11	3.80	83.96
SQU-DS	2025-08-24 00:15:00	13.09	29.82	0.43	7.06	3.78	104.61
SQU-DS	2025-08-24 00:30:00	13.03	29.98	0.43	7.11	3.78	93.06
SQU-DS	2025-08-24 00:45:00	12.97	30.19	0.43	7.09	3.76	96.06
SQU-DS	2025-08-24 01:00:00	12.90	30.28	0.43	7.11	3.75	83.32
SQU-DS	2025-08-24 01:15:00	12.82	30.47	0.43	7.10	3.73	110.49
SQU-DS	2025-08-24 01:30:00	12.75	30.71	0.43	7.07	3.69	119.92
SQU-DS	2025-08-24 01:45:00	12.68	31.05	0.43	7.10	3.71	115.50
SQU-DS	2025-08-24 02:00:00	12.59	31.13	0.43	7.10	3.69	136.07
SQU-DS	2025-08-24 02:15:00	12.50	31.22	0.43	7.08	3.67	127.50
SQU-DS	2025-08-24 02:30:00	12.40	31.27	0.44	7.07	3.66	114.95
SQU-DS	2025-08-24 02:45:00	12.29	31.41	0.43	7.08	3.62	111.48
SQU-DS	2025-08-24 03:00:00	12.17	31.25	0.44	7.08	3.51	135.32
SQU-DS	2025-08-24 03:15:00	12.05	31.31	0.44	7.07	3.56	142.65

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-24 03:30:00	11.95	31.40	0.44	7.05	3.58	144.13
SQU-DS	2025-08-24 03:45:00	11.85	31.20	0.44	7.04	3.61	108.19
SQU-DS	2025-08-24 04:00:00	11.74	31.00	0.44	7.05	3.64	120.59
SQU-DS	2025-08-24 04:15:00	11.64	31.03	0.44	7.05	3.67	152.38
SQU-DS	2025-08-24 04:30:00	11.53	30.69	0.44	7.06	3.69	120.00
SQU-DS	2025-08-24 04:45:00	11.41	30.62	0.44	7.02	3.69	143.39
SQU-DS	2025-08-24 05:00:00	11.32	30.60	0.44	7.02	3.69	147.44
SQU-DS	2025-08-24 05:15:00	11.23	30.40	0.44	7.06	3.67	95.73
SQU-DS	2025-08-24 05:30:00	11.15	30.28	0.44	7.06	3.64	115.43
SQU-DS	2025-08-24 05:45:00	11.09	30.02	0.44	7.11	3.61	97.73
SQU-DS	2025-08-24 06:00:00	11.03	29.75	0.44	7.05	3.57	88.52
SQU-DS	2025-08-24 06:15:00	10.99	29.44	0.44	7.13	3.53	85.00
SQU-DS	2025-08-24 06:30:00	10.94	29.23	0.44	7.10	3.49	97.62
SQU-DS	2025-08-24 06:45:00	10.91	28.95	0.44	7.07	3.45	83.33
SQU-DS	2025-08-24 07:00:00	10.89	28.79	0.44	7.10	3.39	80.11
SQU-DS	2025-08-24 07:15:00	10.88	28.71	0.44	7.10	3.32	84.62
SQU-DS	2025-08-24 07:30:00	10.86	28.95	0.44	7.06	3.26	94.05
SQU-DS	2025-08-24 07:45:00	10.86	28.91	0.44	7.03	3.17	80.88
SQU-DS	2025-08-24 08:00:00		28.96		7.03	3.07	
SQU-DS	2025-08-24 08:15:00	10.89	29.17	0.44	7.01	2.95	84.05
SQU-DS	2025-08-24 08:30:00	10.91	29.56	0.44	7.06	2.83	77.76
SQU-DS	2025-08-24 08:45:00	10.94	29.73	0.44	7.01	2.69	68.02
SQU-DS	2025-08-24 09:00:00	10.98	30.23	0.45	6.95	2.54	88.10
SQU-DS	2025-08-24 09:15:00	11.02	30.79	0.44	7.01	2.39	69.45
SQU-DS	2025-08-24 09:30:00	11.07	30.91	0.44	6.96	2.25	89.06
SQU-DS	2025-08-24 09:45:00	11.12	31.49	0.44	6.96	2.12	118.78
SQU-DS	2025-08-24 10:00:00	11.18	32.16	0.44	6.95	1.98	82.28
SQU-DS	2025-08-24 10:15:00	11.25	32.65	0.44	7.00	1.85	92.53
SQU-DS	2025-08-24 10:30:00	11.31	33.42	0.44	6.98	1.72	74.36
SQU-DS	2025-08-24 10:45:00	11.39	33.93	0.44	6.97	1.59	91.95
SQU-DS	2025-08-24 11:00:00	11.45	34.43	0.44	6.99	1.46	90.83
SQU-DS	2025-08-24 11:15:00	11.53	35.15	0.44	7.02	1.34	101.20
SQU-DS	2025-08-24 11:30:00	11.59	35.67	0.43	7.04	1.22	76.60
SQU-DS	2025-08-24 11:45:00	11.66	36.31	0.44	7.00	1.11	101.83
SQU-DS	2025-08-24 12:00:00	11.73	36.74	0.44	6.96	1.01	96.26
SQU-DS	2025-08-24 12:15:00	11.80	37.29	0.43	6.99	0.91	91.29
SQU-DS	2025-08-24 12:30:00	11.86	37.58	0.43	6.98	0.82	102.41
SQU-DS	2025-08-24 12:45:00	11.92	37.97	0.43	7.02	0.73	92.01
SQU-DS	2025-08-24 13:00:00	12.01	38.63	0.43	7.03	0.66	77.45
SQU-DS	2025-08-24 13:15:00	12.07	39.12	0.43	7.04	0.61	71.34
SQU-DS	2025-08-24 13:30:00	12.15	39.68	0.43	7.04	0.56	79.61
SQU-DS	2025-08-24 13:45:00	12.22	40.03	0.43	7.06	0.54	97.71
SQU-DS	2025-08-24 14:00:00	12.29	40.49	0.43	7.07	0.52	94.10
SQU-DS	2025-08-24 14:15:00	12.35	40.93	0.43	7.06	0.51	75.19
SQU-DS	2025-08-24 14:30:00	12.42	41.63	0.43	7.08	0.49	72.75
SQU-DS	2025-08-24 14:45:00	12.49	41.75	0.43	7.09	0.48	67.23
SQU-DS	2025-08-24 15:00:00	12.57	42.74	0.43	7.11	0.46	81.51
SQU-DS	2025-08-24 15:15:00	12.66	43.29	0.43	7.10	0.45	81.77
SQU-DS	2025-08-24 15:30:00	12.75	44.00	0.43	7.10	0.44	93.51
SQU-DS	2025-08-24 15:45:00	12.83	44.35	0.43	7.07	0.42	62.02
SQU-DS	2025-08-24 16:00:00	12.92	45.04	0.43	7.10	0.40	68.46
SQU-DS	2025-08-24 16:15:00	12.99	45.98	0.43	7.08	0.38	67.06
SQU-DS	2025-08-24 16:30:00	13.03	46.58	0.43	7.05	0.37	57.42
SQU-DS	2025-08-24 16:45:00	13.08	47.11	0.43	7.06	0.36	66.21
SQU-DS	2025-08-24 17:00:00	13.11	47.57	0.43	7.05	0.36	60.15
SQU-DS	2025-08-24 17:15:00	13.13	48.10	0.43	7.07	0.36	54.88
SQU-DS	2025-08-24 17:30:00	13.15	48.16	0.43	7.08	0.37	52.91
SQU-DS	2025-08-24 17:45:00	13.14	47.98	0.43	7.11	0.39	45.61
SQU-DS	2025-08-24 18:00:00	13.13	47.83	0.43	7.14	0.41	39.18

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-08-24 18:15:00	13.14	47.20	0.43	7.15	0.43	45.53
SQU-DS	2025-08-24 18:30:00	13.14	46.33	0.42	7.19	0.45	37.96
SQU-DS	2025-08-24 18:45:00	13.14	44.66	0.42	7.18	0.47	43.80
SQU-DS	2025-08-24 19:00:00	13.14	42.85	0.42	7.23	0.48	40.85
SQU-DS	2025-08-24 19:15:00	13.12	41.04	0.42	7.23	0.48	35.85
SQU-DS	2025-08-24 19:30:00	13.11	39.30	0.42	7.23	0.48	35.57
SQU-DS	2025-08-24 19:45:00	13.09	37.45	0.42	7.24	0.48	28.87
SQU-DS	2025-08-24 20:00:00	13.09	36.22	0.42	7.23	0.47	32.40
SQU-DS	2025-08-24 20:15:00	13.09	35.23	0.42	7.23	0.45	33.64
SQU-DS	2025-08-24 20:30:00	13.10	34.41	0.42	7.25	0.44	30.22
SQU-DS	2025-08-24 20:45:00	13.11	33.81	0.42	7.25	0.42	29.71
SQU-DS	2025-08-24 21:00:00	13.12	33.33	0.42	7.25	0.40	32.90
SQU-DS	2025-08-24 21:15:00	13.14	33.04	0.42	7.26	0.37	33.29
SQU-DS	2025-08-24 21:30:00	13.16	32.77	0.42	7.25	0.35	32.37
SQU-DS	2025-08-24 21:45:00	13.18	32.76	0.42	7.24	0.32	32.89
SQU-DS	2025-08-24 22:00:00	13.19	32.69	0.42	7.24	0.29	37.83
SQU-DS	2025-08-24 22:15:00	13.19	32.70	0.42	7.24	0.27	39.59
SQU-DS	2025-08-24 22:30:00	13.18	32.70	0.42	7.23	0.24	46.94
SQU-DS	2025-08-24 22:45:00	13.17	32.75	0.42	7.22	0.21	50.16
SQU-DS	2025-08-24 23:00:00	13.14	32.91	0.42	7.22	0.18	60.02
SQU-DS	2025-08-24 23:15:00	13.10	33.07	0.43	7.21	0.16	57.87
SQU-DS	2025-08-24 23:30:00	13.06	33.40	0.43	7.23	0.13	64.62
SQU-DS	2025-08-24 23:45:00	13.00	33.87	0.43	7.22	0.11	63.39
SQU-DS	2025-08-25 00:00:00	12.93	34.25	0.43	7.21	0.09	115.90
SQU-US	2025-08-18 00:00:00	11.49	32.26	0.35	7.28	10.43	139.28
SQU-US	2025-08-18 00:15:00	11.47	32.26	0.35	7.29	10.42	132.09
SQU-US	2025-08-18 00:30:00	11.45	32.70	0.35	7.27	10.42	96.59
SQU-US	2025-08-18 00:45:00	11.42	34.00	0.35	7.27	10.40	50.26
SQU-US	2025-08-18 01:00:00	11.42	32.76	0.34	7.21	10.35	142.60
SQU-US	2025-08-18 01:15:00	11.38	32.48	0.35	7.21	10.37	122.26
SQU-US	2025-08-18 01:30:00	11.36	32.65	0.35	7.19	10.35	110.85
SQU-US	2025-08-18 01:45:00	11.33	31.37	0.35	7.18	10.36	125.34
SQU-US	2025-08-18 02:00:00	11.30	34.05	0.34	7.17	10.34	133.92
SQU-US	2025-08-18 02:15:00	11.27	34.25	0.35	7.16	10.33	99.15
SQU-US	2025-08-18 02:30:00	11.23	32.84	0.35	7.16	10.35	143.34
SQU-US	2025-08-18 02:45:00	11.19	32.12	0.34	7.18	10.36	145.94
SQU-US	2025-08-18 03:00:00	11.16	32.76	0.34	7.15	10.35	126.20
SQU-US	2025-08-18 03:15:00	11.14	32.07	0.34	7.17	10.37	132.68
SQU-US	2025-08-18 03:30:00	11.12	32.77	0.35	7.16	10.37	105.05
SQU-US	2025-08-18 03:45:00	11.08	32.11	0.34	7.17	10.40	132.39
SQU-US	2025-08-18 04:00:00	11.06	33.10	0.34	7.16	10.39	110.78
SQU-US	2025-08-18 04:15:00	11.04	32.28	0.35	7.17	10.42	155.20
SQU-US	2025-08-18 04:30:00	11.02	31.85	0.35	7.18	10.43	94.82
SQU-US	2025-08-18 04:45:00	11.00	32.22	0.34	7.19	10.43	105.62
SQU-US	2025-08-18 05:00:00	10.97	31.23	0.34	7.20	10.45	118.46
SQU-US	2025-08-18 05:15:00	10.94	32.25	0.34	7.19	10.45	88.07
SQU-US	2025-08-18 05:30:00	10.90	31.14	0.34	7.20	10.46	134.27
SQU-US	2025-08-18 05:45:00	10.85	31.74	0.34	7.20	10.46	112.36
SQU-US	2025-08-18 06:00:00	10.81	31.92	0.34	7.20	10.47	125.54
SQU-US	2025-08-18 06:15:00	10.75	31.62	0.34	7.21	10.49	84.77
SQU-US	2025-08-18 06:30:00	10.70	31.53	0.34	7.20	10.48	150.87
SQU-US	2025-08-18 06:45:00	10.67	32.19	0.34	7.20	10.49	156.12
SQU-US	2025-08-18 07:00:00	10.64	31.55	0.34	7.18	10.49	132.04
SQU-US	2025-08-18 07:15:00	10.62	31.94	0.34	7.19	10.51	117.11
SQU-US	2025-08-18 07:30:00	10.61	32.36	0.34	7.19	10.49	115.35
SQU-US	2025-08-18 07:45:00	10.62	32.79	0.34	7.19	10.50	121.92
SQU-US	2025-08-18 08:00:00	10.63	32.72	0.34	7.20	10.49	161.34
SQU-US	2025-08-18 08:15:00	10.63	32.85	0.34	7.19	10.51	133.74
SQU-US	2025-08-18 08:30:00	10.64	32.53	0.34	7.20	10.51	69.73

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-18 08:45:00	10.66	32.96	0.34	7.20	10.52	70.15
SQU-US	2025-08-18 09:00:00	10.69	33.37	0.34	7.19	10.50	60.80
SQU-US	2025-08-18 09:15:00	10.71	33.11	0.34	7.19	10.49	8.89
SQU-US	2025-08-18 09:30:00	10.71	32.57	0.34	7.19	10.49	6.89
SQU-US	2025-08-18 09:45:00	10.73	33.01	0.34	7.18	10.48	6.74
SQU-US	2025-08-18 10:00:00	10.76	33.35	0.34	7.18	10.49	14.59
SQU-US	2025-08-18 10:15:00	10.78	33.27	0.34	7.17	10.48	60.16
SQU-US	2025-08-18 10:30:00	10.80	33.36	0.34	7.17	10.46	84.06
SQU-US	2025-08-18 10:45:00	10.81	33.32	0.34	7.17	10.46	47.48
SQU-US	2025-08-18 11:00:00	10.83	33.73	0.34	7.19	10.47	63.88
SQU-US	2025-08-18 11:15:00	10.85	33.61	0.34	7.17	10.47	95.47
SQU-US	2025-08-18 11:30:00	10.87	34.32	0.34	7.16	10.46	102.01
SQU-US	2025-08-18 11:45:00	10.90	33.97	0.34	7.19	10.47	72.06
SQU-US	2025-08-18 12:00:00	10.94	34.64	0.34	7.17	10.45	85.05
SQU-US	2025-08-18 12:15:00	10.99	34.64	0.34	7.17	10.46	71.16
SQU-US	2025-08-18 12:30:00	11.11	34.52	0.34	7.17	10.47	84.15
SQU-US	2025-08-18 12:45:00	11.22	34.67	0.34	7.19	10.47	71.71
SQU-US	2025-08-18 13:00:00	11.33	34.70	0.34	7.21	10.45	87.52
SQU-US	2025-08-18 13:15:00	11.44	34.11	0.34	7.21	10.46	96.68
SQU-US	2025-08-18 13:30:00	11.51	34.44	0.34	7.21	10.43	76.40
SQU-US	2025-08-18 13:45:00	11.56	34.37	0.34	7.22	10.43	46.98
SQU-US	2025-08-18 14:00:00	11.60	35.09	0.34	7.21	10.43	60.80
SQU-US	2025-08-18 14:15:00	11.63	36.02	0.34	7.20	10.42	38.03
SQU-US	2025-08-18 14:30:00	11.65	35.02	0.34	7.21	10.41	17.78
SQU-US	2025-08-18 14:45:00	11.66	34.98	0.34	7.22	10.43	14.84
SQU-US	2025-08-18 15:00:00	11.67	35.48	0.34	7.23	10.41	13.45
SQU-US	2025-08-18 15:15:00	11.65	35.14	0.34	7.23	10.39	12.68
SQU-US	2025-08-18 15:30:00	11.63	34.70	0.34	7.23	10.41	14.20
SQU-US	2025-08-18 15:45:00	11.65	35.30	0.34	7.24	10.39	13.08
SQU-US	2025-08-18 16:00:00	11.68	36.37	0.34	7.23	10.38	7.47
SQU-US	2025-08-18 16:15:00	11.70	36.98	0.34	7.24	10.37	10.00
SQU-US	2025-08-18 16:30:00	11.72	37.63	0.34	7.24	10.37	8.49
SQU-US	2025-08-18 16:45:00	11.77	37.86	0.34	7.24	10.33	6.75
SQU-US	2025-08-18 17:00:00	11.81	38.38	0.34	7.23	10.31	5.39
SQU-US	2025-08-18 17:15:00	11.85	39.02	0.34	7.22	10.28	4.86
SQU-US	2025-08-18 17:30:00	11.88	39.45	0.34	7.21	10.25	9.78
SQU-US	2025-08-18 17:45:00	11.89	40.07	0.34	7.21	10.25	5.17
SQU-US	2025-08-18 18:00:00			0.33	7.21	10.27	6.29
SQU-US	2025-08-18 18:15:00	11.88	41.24	0.34	7.21	10.26	6.73
SQU-US	2025-08-18 18:30:00	11.88	41.06	0.34	7.20	10.24	11.58
SQU-US	2025-08-18 18:45:00	11.87	40.28	0.34	7.20	10.23	11.21
SQU-US	2025-08-18 19:00:00	11.86	41.25	0.33	7.20	10.22	3.29
SQU-US	2025-08-18 19:15:00	11.83	40.50	0.34	7.20	10.23	0.48
SQU-US	2025-08-18 19:30:00	11.80	40.93	0.34	7.21	10.24	0.00
SQU-US	2025-08-18 19:45:00	11.79	41.08	0.33	7.21	10.20	0.00
SQU-US	2025-08-18 20:00:00			0.33	7.21	10.23	7.66
SQU-US	2025-08-18 20:15:00	11.71	40.36	0.34	7.20	10.24	9.53
SQU-US	2025-08-18 20:30:00	11.68	39.90	0.34	7.20	10.22	17.83
SQU-US	2025-08-18 20:45:00	11.67	39.99	0.34	7.20	10.22	27.58
SQU-US	2025-08-18 21:00:00	11.65	40.31	0.33	7.20	10.23	43.57
SQU-US	2025-08-18 21:15:00	11.63	39.89	0.34	7.21	10.24	46.36
SQU-US	2025-08-18 21:30:00	11.63	39.81	0.34	7.20	10.24	71.94
SQU-US	2025-08-18 21:45:00	11.62	39.18	0.34	7.21	10.24	62.39
SQU-US	2025-08-18 22:00:00	11.61	38.71	0.33	7.20	10.25	44.60
SQU-US	2025-08-18 22:15:00	11.60	38.60	0.34	7.21	10.25	45.32
SQU-US	2025-08-18 22:30:00	11.60	38.81	0.34	7.19	10.26	40.67
SQU-US	2025-08-18 22:45:00	11.58	37.72	0.34	7.22	10.27	60.12
SQU-US	2025-08-18 23:00:00	11.59	37.90	0.34	7.20	10.27	42.65
SQU-US	2025-08-18 23:15:00	11.57	37.04	0.34	7.22	10.29	60.87

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-18 23:30:00	11.56	37.16	0.34	7.23	10.29	49.12
SQU-US	2025-08-18 23:45:00	11.56	36.40	0.34	7.23	10.29	41.05
SQU-US	2025-08-19 00:00:00	11.55	36.18	0.34	7.22	10.30	51.48
SQU-US	2025-08-19 00:15:00	11.53	35.98	0.34	7.22	10.29	56.74
SQU-US	2025-08-19 00:30:00	11.52	35.81	0.34	7.22	10.32	53.00
SQU-US	2025-08-19 00:45:00	11.50	35.43	0.34	7.23	10.33	46.47
SQU-US	2025-08-19 01:00:00	11.49	35.61	0.34	7.24	10.32	40.47
SQU-US	2025-08-19 01:15:00	11.47	35.64	0.34	7.25	10.34	42.79
SQU-US	2025-08-19 01:30:00	11.47	36.12	0.34	7.23	10.31	30.77
SQU-US	2025-08-19 01:45:00	11.48	37.16	0.34	7.22	10.31	35.81
SQU-US	2025-08-19 02:00:00	11.49	36.49	0.33	7.23	10.30	32.31
SQU-US	2025-08-19 02:15:00	11.52	37.31	0.34	7.21	10.29	31.98
SQU-US	2025-08-19 02:30:00	11.52	37.73	0.34	7.21	10.26	48.40
SQU-US	2025-08-19 02:45:00	11.53	38.35	0.33	7.23	10.26	54.99
SQU-US	2025-08-19 03:00:00	11.52	37.72	0.33	7.22	10.27	17.44
SQU-US	2025-08-19 03:15:00	11.51	37.87	0.33	7.22	10.31	47.07
SQU-US	2025-08-19 03:30:00	11.50	37.73	0.34	7.22	10.30	65.57
SQU-US	2025-08-19 03:45:00	11.47	37.35	0.33	7.22	10.30	66.53
SQU-US	2025-08-19 04:00:00	11.45	36.94	0.33	7.21	10.31	22.50
SQU-US	2025-08-19 04:15:00	11.42	36.88	0.34	7.20	10.31	98.42
SQU-US	2025-08-19 04:30:00	11.38	37.05	0.34	7.20	10.32	97.12
SQU-US	2025-08-19 04:45:00	11.32	37.14	0.34	7.21	10.33	113.41
SQU-US	2025-08-19 05:00:00	11.26	36.82	0.33	7.21	10.34	100.87
SQU-US	2025-08-19 05:15:00	11.20	36.49	0.34	7.22	10.35	114.06
SQU-US	2025-08-19 05:30:00	11.14	36.70	0.34	7.20	10.36	92.34
SQU-US	2025-08-19 05:45:00	11.09	36.37	0.34	7.21	10.37	113.45
SQU-US	2025-08-19 06:00:00	11.04	36.18	0.33	7.19	10.39	140.78
SQU-US	2025-08-19 06:15:00	11.00	35.99	0.34	7.19	10.40	126.77
SQU-US	2025-08-19 06:30:00	10.97	36.13	0.34	7.18	10.39	103.36
SQU-US	2025-08-19 06:45:00	10.94	36.46	0.34	7.19	10.40	111.56
SQU-US	2025-08-19 07:00:00	10.92	36.23	0.34	7.18	10.40	152.49
SQU-US	2025-08-19 07:15:00	10.90	36.39	0.34	7.19	10.41	129.20
SQU-US	2025-08-19 07:30:00	10.88	36.62	0.34	7.17	10.40	118.06
SQU-US	2025-08-19 07:45:00	10.85	36.96	0.34	7.17	10.43	160.75
SQU-US	2025-08-19 08:00:00	10.83	36.27	0.34	7.18	10.42	148.23
SQU-US	2025-08-19 08:15:00	10.81	36.61	0.34	7.16	10.42	113.92
SQU-US	2025-08-19 08:30:00	10.78	36.13	0.34	7.17	10.44	142.44
SQU-US	2025-08-19 08:45:00	10.75	36.53	0.34	7.17	10.43	157.38
SQU-US	2025-08-19 09:00:00	10.72	35.84	0.34	7.17	10.45	122.81
SQU-US	2025-08-19 09:15:00	10.70	36.17	0.34	7.17	10.46	98.01
SQU-US	2025-08-19 09:30:00	10.68	35.22	0.34	7.17	10.49	88.11
SQU-US	2025-08-19 09:45:00	10.68	35.83	0.34	7.17	10.48	94.58
SQU-US	2025-08-19 10:00:00	10.67	35.11	0.34	7.17	10.51	70.11
SQU-US	2025-08-19 10:15:00	10.68	35.04	0.34	7.17	10.51	67.50
SQU-US	2025-08-19 10:30:00	10.70	35.40	0.34	7.18	10.51	68.26
SQU-US	2025-08-19 10:45:00	10.71	35.12	0.34	7.17	10.54	28.13
SQU-US	2025-08-19 11:00:00	10.73	35.76	0.33	7.18	10.52	23.89
SQU-US	2025-08-19 11:15:00	10.73	35.17	0.34	7.18	10.53	21.92
SQU-US	2025-08-19 11:30:00	10.74	34.68	0.34	7.18	10.54	16.94
SQU-US	2025-08-19 11:45:00	10.76	35.18	0.33	7.21	10.53	15.11
SQU-US	2025-08-19 12:00:00	10.79	35.45	0.34	7.17	10.53	14.01
SQU-US	2025-08-19 12:15:00	10.80	35.32	0.34	7.17	10.53	15.52
SQU-US	2025-08-19 12:30:00	10.80	35.00	0.34	7.19	10.54	14.40
SQU-US	2025-08-19 12:45:00	10.81	35.04	0.34	7.20	10.54	20.36
SQU-US	2025-08-19 13:00:00	10.86	35.79	0.33	7.20	10.52	18.50
SQU-US	2025-08-19 13:15:00	10.90	35.25	0.34	7.20	10.54	17.30
SQU-US	2025-08-19 13:30:00	10.97	35.91	0.34	7.20	10.52	20.56
SQU-US	2025-08-19 13:45:00	11.03	36.15	0.33	7.25	10.50	19.95
SQU-US	2025-08-19 14:00:00	11.07	35.64	0.33	7.20	10.49	14.80

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-19 14:15:00	11.11	35.77	0.33	7.21	10.50	16.44
SQU-US	2025-08-19 14:30:00	11.16	36.22	0.34	7.21	10.49	14.32
SQU-US	2025-08-19 14:45:00	11.20	36.41	0.33	7.21	10.48	14.50
SQU-US	2025-08-19 15:00:00	11.21	36.46	0.33	7.22	10.47	18.99
SQU-US	2025-08-19 15:15:00	11.21	36.30	0.33	7.23	10.48	17.64
SQU-US	2025-08-19 15:30:00	11.23	36.06	0.34	7.23	10.47	12.10
SQU-US	2025-08-19 15:45:00	11.25	35.88	0.33	7.25	10.47	7.00
SQU-US	2025-08-19 16:00:00	11.26	35.97	0.33	7.22	10.47	5.43
SQU-US	2025-08-19 16:15:00	11.30	36.20	0.34	7.24	10.46	7.83
SQU-US	2025-08-19 16:30:00	11.34	36.39	0.34	7.23	10.46	5.33
SQU-US	2025-08-19 16:45:00	11.39	36.28	0.33	7.24	10.45	4.88
SQU-US	2025-08-19 17:00:00	11.43	36.19	0.33	7.26	10.46	2.55
SQU-US	2025-08-19 17:15:00	11.48	37.12	0.34	7.28	10.45	4.62
SQU-US	2025-08-19 17:30:00	11.51	37.28	0.34	7.28	10.45	6.54
SQU-US	2025-08-19 17:45:00	11.53	37.50	0.33	7.27	10.44	9.12
SQU-US	2025-08-19 18:00:00	11.55	37.39	0.33	7.27	10.44	5.01
SQU-US	2025-08-19 18:15:00	11.55	38.07	0.34	7.27	10.42	4.00
SQU-US	2025-08-19 18:30:00	11.55	38.37	0.34	7.25	10.41	0.70
SQU-US	2025-08-19 18:45:00	11.54	39.26	0.33	7.24	10.39	6.00
SQU-US	2025-08-19 19:00:00	11.53	39.69	0.33	7.24	10.38	7.76
SQU-US	2025-08-19 19:15:00	11.53	39.96	0.33	7.23	10.36	4.48
SQU-US	2025-08-19 19:30:00	11.53	39.90	0.33	7.22	10.36	9.01
SQU-US	2025-08-19 19:45:00	11.52	39.39	0.33	7.22	10.36	11.56
SQU-US	2025-08-19 20:00:00	11.51	39.09	0.33	7.21	10.37	19.91
SQU-US	2025-08-19 20:15:00	11.48	38.48	0.33	7.22	10.38	14.53
SQU-US	2025-08-19 20:30:00	11.45	38.52	0.33	7.23	10.38	29.28
SQU-US	2025-08-19 20:45:00	11.41	37.22	0.33	7.23	10.41	31.32
SQU-US	2025-08-19 21:00:00			0.33	7.24	10.41	34.29
SQU-US	2025-08-19 21:15:00	11.37	36.70	0.33	7.25	10.40	42.08
SQU-US	2025-08-19 21:30:00	11.37	37.06	0.33	7.24	10.43	50.70
SQU-US	2025-08-19 21:45:00	11.36	36.61	0.33	7.25	10.42	32.29
SQU-US	2025-08-19 22:00:00			0.33	7.26	10.44	16.12
SQU-US	2025-08-19 22:15:00	11.35	35.29	0.33	7.25	10.43	16.32
SQU-US	2025-08-19 22:30:00	11.36	35.55	0.33	7.26	10.44	22.88
SQU-US	2025-08-19 22:45:00	11.37	36.27	0.33	7.25	10.44	20.65
SQU-US	2025-08-19 23:00:00	11.37	35.56	0.33	7.27	10.45	12.91
SQU-US	2025-08-19 23:15:00	11.37	35.02	0.33	7.26	10.45	12.41
SQU-US	2025-08-19 23:30:00	11.36	33.64	0.33	7.27	10.46	12.22
SQU-US	2025-08-19 23:45:00	11.37	33.73	0.33	7.29	10.47	17.93
SQU-US	2025-08-20 00:00:00	11.35	32.79	0.33	7.27	10.48	14.71
SQU-US	2025-08-20 00:15:00	11.33	32.77	0.34	7.28	10.48	23.15
SQU-US	2025-08-20 00:30:00	11.30	32.09	0.34	7.27	10.49	14.91
SQU-US	2025-08-20 00:45:00	11.27	32.54	0.33	7.28	10.50	15.97
SQU-US	2025-08-20 01:00:00	11.23	32.58	0.33	7.28	10.51	22.72
SQU-US	2025-08-20 01:15:00	11.18	32.56	0.33	7.29	10.53	24.53
SQU-US	2025-08-20 01:30:00	11.13	32.15	0.33	7.29	10.54	28.98
SQU-US	2025-08-20 01:45:00	11.08	32.38	0.33	7.30	10.54	30.89
SQU-US	2025-08-20 02:00:00	11.03	31.75	0.33	7.28	10.55	11.08
SQU-US	2025-08-20 02:15:00	10.99	32.02	0.33	7.30	10.57	12.74
SQU-US	2025-08-20 02:30:00	10.94	32.37	0.34	7.28	10.59	19.14
SQU-US	2025-08-20 02:45:00	10.89	32.41	0.33	7.29	10.59	34.80
SQU-US	2025-08-20 03:00:00	10.85	32.36	0.33	7.29	10.61	16.63
SQU-US	2025-08-20 03:15:00	10.80	32.44	0.33	7.29	10.61	12.64
SQU-US	2025-08-20 03:30:00	10.76	31.82	0.33	7.29	10.62	23.48
SQU-US	2025-08-20 03:45:00	10.72	32.36	0.32	7.28	10.62	18.12
SQU-US	2025-08-20 04:00:00	10.69	32.82	0.33	7.25	10.60	14.11
SQU-US	2025-08-20 04:15:00	10.65	32.96	0.33	7.24	10.60	54.23
SQU-US	2025-08-20 04:30:00	10.64	32.88	0.33	7.23	10.60	69.96
SQU-US	2025-08-20 04:45:00	10.62	33.10	0.32	7.23	10.59	81.19

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-20 05:00:00	10.61	33.60	0.33	7.23	10.58	28.97
SQU-US	2025-08-20 05:15:00	10.58	33.18	0.33	7.23	10.59	48.22
SQU-US	2025-08-20 05:30:00	10.57	32.23	0.33	7.25	10.60	44.36
SQU-US	2025-08-20 05:45:00	10.58	32.87	0.32	7.25	10.62	37.27
SQU-US	2025-08-20 06:00:00	10.55	31.86	0.33	7.24	10.64	43.21
SQU-US	2025-08-20 06:15:00	10.53	31.27	0.33	7.26	10.63	3.15
SQU-US	2025-08-20 06:30:00	10.51	33.06	0.33	7.26	10.64	1.69
SQU-US	2025-08-20 06:45:00	10.49	32.08	0.32	7.24	10.63	8.63
SQU-US	2025-08-20 07:00:00	10.47	31.84	0.33	7.26	10.61	8.73
SQU-US	2025-08-20 07:15:00	10.45	31.27	0.34	7.21	10.64	14.97
SQU-US	2025-08-20 07:30:00	10.43	31.02	0.34	7.23	10.64	17.88
SQU-US	2025-08-20 07:45:00	10.41	31.60	0.32	7.20	10.64	11.03
SQU-US	2025-08-20 08:00:00	10.40	32.12	0.34	7.20	10.66	35.13
SQU-US	2025-08-20 08:15:00	10.41	31.34	0.34	7.19	10.66	33.69
SQU-US	2025-08-20 08:30:00	10.44	31.24	0.34	7.19	10.65	34.39
SQU-US	2025-08-20 08:45:00	10.46	31.67	0.32	7.20	10.65	21.59
SQU-US	2025-08-20 09:00:00	10.47	32.13	0.34	7.19	10.65	40.45
SQU-US	2025-08-20 09:15:00	10.49	32.18	0.34	7.19	10.67	51.36
SQU-US	2025-08-20 09:30:00	10.53	31.91	0.34	7.19	10.66	103.38
SQU-US	2025-08-20 09:45:00	10.59	33.12	0.31	7.17	10.63	108.07
SQU-US	2025-08-20 10:00:00	10.66	32.81	0.34	7.17	10.62	108.81
SQU-US	2025-08-20 10:15:00	10.74	32.51	0.34	7.19	10.62	102.50
SQU-US	2025-08-20 10:30:00	10.85	32.94	0.34	7.18	10.62	97.05
SQU-US	2025-08-20 10:45:00	10.94	32.92	0.31	7.19	10.62	112.89
SQU-US	2025-08-20 11:00:00	11.04	33.23	0.33	7.22	10.57	90.75
SQU-US	2025-08-20 11:15:00	11.14	33.27	0.34	7.21	10.59	85.94
SQU-US	2025-08-20 11:30:00	11.24	34.32	0.34	7.18	10.56	108.29
SQU-US	2025-08-20 11:45:00	11.35	34.08	0.32	7.18	10.56	86.93
SQU-US	2025-08-20 12:00:00	11.46	34.50	0.34	7.16	10.51	78.10
SQU-US	2025-08-20 12:15:00	11.56	33.79	0.34	7.17	10.54	83.34
SQU-US	2025-08-20 12:30:00	11.67	33.88	0.34	7.16	10.52	61.17
SQU-US	2025-08-20 12:45:00	11.76	33.65	0.32	7.16	10.49	53.93
SQU-US	2025-08-20 13:00:00	11.85	33.73	0.34	7.17	10.50	84.05
SQU-US	2025-08-20 13:15:00	11.97	34.48	0.34	7.17	10.47	62.57
SQU-US	2025-08-20 13:30:00	12.05	35.00	0.34	7.17	10.44	62.68
SQU-US	2025-08-20 13:45:00	12.13	34.10	0.32	7.19	10.44	71.93
SQU-US	2025-08-20 14:00:00	12.20	34.71	0.34	7.18	10.43	61.56
SQU-US	2025-08-20 14:15:00	12.26	34.30	0.34	7.19	10.42	23.65
SQU-US	2025-08-20 14:30:00	12.35	34.65	0.34	7.19	10.41	47.38
SQU-US	2025-08-20 14:45:00	12.44	34.58	0.32	7.18	10.39	19.84
SQU-US	2025-08-20 15:00:00			0.34	7.19	10.38	47.61
SQU-US	2025-08-20 15:15:00	12.47	35.89	0.34	7.18	10.37	48.07
SQU-US	2025-08-20 15:30:00	12.46	35.79	0.34	7.17	10.35	45.83
SQU-US	2025-08-20 15:45:00	12.48	35.77	0.32	7.17	10.35	24.64
SQU-US	2025-08-20 16:00:00	12.46	35.92	0.34	7.19	10.33	28.79
SQU-US	2025-08-20 16:15:00	12.45	36.76	0.34	7.18	10.30	30.57
SQU-US	2025-08-20 16:30:00	12.49	36.52	0.34	7.19	10.30	28.57
SQU-US	2025-08-20 16:45:00	12.45	36.15	0.32	7.18	10.32	10.93
SQU-US	2025-08-20 17:00:00	12.45	35.69	0.34	7.20	10.30	13.21
SQU-US	2025-08-20 17:15:00	12.44	36.11	0.34	7.23	10.29	19.90
SQU-US	2025-08-20 17:30:00	12.47	36.94	0.34	7.20	10.28	20.80
SQU-US	2025-08-20 17:45:00	12.49	36.88	0.32	7.20	10.29	13.61
SQU-US	2025-08-20 18:00:00	12.49	36.18	0.34	7.21	10.28	0.38
SQU-US	2025-08-20 18:15:00	12.54	37.50	0.34	7.21	10.26	4.97
SQU-US	2025-08-20 18:30:00	12.54	38.20	0.34	7.22	10.25	4.46
SQU-US	2025-08-20 18:45:00	12.51	38.65	0.32	7.22	10.24	5.57
SQU-US	2025-08-20 19:00:00	12.48	40.25	0.34	7.21	10.21	3.86
SQU-US	2025-08-20 19:15:00	12.44	41.05	0.34	7.20	10.19	6.71
SQU-US	2025-08-20 19:30:00	12.39	41.90	0.34	7.17	10.14	6.91

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-20 19:45:00	12.32	40.56	0.32	7.16	10.16	1.00
SQU-US	2025-08-20 20:00:00	12.28	39.82	0.33	7.19	10.16	3.81
SQU-US	2025-08-20 20:15:00	12.27	40.36	0.34	7.19	10.15	11.15
SQU-US	2025-08-20 20:30:00	12.27	39.88	0.34	7.19	10.15	20.21
SQU-US	2025-08-20 20:45:00	12.27	40.67	0.32	7.18	10.14	7.40
SQU-US	2025-08-20 21:00:00	12.30	40.04	0.33	7.19	10.14	11.05
SQU-US	2025-08-20 21:15:00	12.33	39.63	0.34	7.19	10.13	14.64
SQU-US	2025-08-20 21:30:00	12.37	40.45	0.34	7.19	10.12	12.97
SQU-US	2025-08-20 21:45:00	12.39	39.51	0.31	7.20	10.10	12.26
SQU-US	2025-08-20 22:00:00	12.42	39.08	0.33	7.19	10.10	20.01
SQU-US	2025-08-20 22:15:00	12.44	38.82	0.34	7.19	10.08	11.54
SQU-US	2025-08-20 22:30:00	12.44	38.37	0.34	7.20	10.11	17.77
SQU-US	2025-08-20 22:45:00	12.44	38.42	0.31	7.20	10.11	15.59
SQU-US	2025-08-20 23:00:00	12.43	37.86	0.33	7.23	10.10	24.63
SQU-US	2025-08-20 23:15:00	12.42	38.28	0.34	7.19	10.10	41.99
SQU-US	2025-08-20 23:30:00	12.40	38.01	0.34	7.21	10.12	54.36
SQU-US	2025-08-20 23:45:00	12.36	36.91	0.31	7.22	10.12	62.63
SQU-US	2025-08-21 00:00:00	12.34	37.04	0.33	7.22	10.12	43.93
SQU-US	2025-08-21 00:15:00	12.31	37.10	0.34	7.22	10.13	58.95
SQU-US	2025-08-21 00:30:00	12.28	36.75	0.34	7.22	10.14	54.18
SQU-US	2025-08-21 00:45:00	12.24	36.45	0.31	7.22	10.15	48.14
SQU-US	2025-08-21 01:00:00	12.19	36.33	0.34	7.21	10.16	54.24
SQU-US	2025-08-21 01:15:00	12.14	36.31	0.34	7.21	10.16	65.09
SQU-US	2025-08-21 01:30:00	12.09	36.14	0.34	7.22	10.18	53.74
SQU-US	2025-08-21 01:45:00	12.02	36.06	0.31	7.23	10.21	56.77
SQU-US	2025-08-21 02:00:00	11.96	36.19	0.34	7.21	10.22	63.45
SQU-US	2025-08-21 02:15:00	11.90	36.32	0.34	7.23	10.21	69.03
SQU-US	2025-08-21 02:30:00	11.83	36.15	0.34	7.20	10.25	65.04
SQU-US	2025-08-21 02:45:00	11.77	36.09	0.32	7.21	10.24	67.19
SQU-US	2025-08-21 03:00:00	11.70	35.81	0.34	7.22	10.27	53.96
SQU-US	2025-08-21 03:15:00	11.64	36.05	0.34	7.21	10.27	54.92
SQU-US	2025-08-21 03:30:00	11.57	35.47	0.34	7.23	10.31	68.30
SQU-US	2025-08-21 03:45:00	11.50	35.56	0.31	7.26	10.31	55.29
SQU-US	2025-08-21 04:00:00	11.44	35.65	0.33	7.25	10.34	73.60
SQU-US	2025-08-21 04:15:00	11.37	35.79	0.34	7.21	10.35	80.91
SQU-US	2025-08-21 04:30:00	11.31	35.74	0.34	7.20	10.34	67.93
SQU-US	2025-08-21 04:45:00	11.25	35.83	0.32	7.20	10.36	46.35
SQU-US	2025-08-21 05:00:00	11.19	36.13	0.34	7.22	10.37	65.63
SQU-US	2025-08-21 05:15:00	11.13	35.65	0.34	7.22	10.38	66.36
SQU-US	2025-08-21 05:30:00	11.08	36.27	0.34	7.22	10.37	63.01
SQU-US	2025-08-21 05:45:00	11.02	35.77	0.32	7.22	10.40	77.29
SQU-US	2025-08-21 06:00:00	10.97	35.66	0.33	7.21	10.39	77.06
SQU-US	2025-08-21 06:15:00	10.92	35.41	0.34	7.21	10.41	83.69
SQU-US	2025-08-21 06:30:00	10.88	35.18	0.34	7.21	10.42	75.02
SQU-US	2025-08-21 06:45:00	10.83	35.73	0.32	7.19	10.43	87.78
SQU-US	2025-08-21 07:00:00	10.79	35.07	0.34	7.20	10.45	108.23
SQU-US	2025-08-21 07:15:00	10.76	35.01	0.34	7.20	10.48	84.40
SQU-US	2025-08-21 07:30:00	10.73	35.27	0.34	7.20	10.46	91.42
SQU-US	2025-08-21 07:45:00	10.70	34.68	0.32	7.20	10.49	80.21
SQU-US	2025-08-21 08:00:00	10.67	34.80	0.34	7.20	10.48	76.67
SQU-US	2025-08-21 08:15:00	10.65	35.04	0.34	7.19	10.49	76.30
SQU-US	2025-08-21 08:30:00	10.63	34.78	0.34	7.20	10.50	82.11
SQU-US	2025-08-21 08:45:00	10.63	35.19	0.32	7.15	10.51	62.64
SQU-US	2025-08-21 09:00:00	10.63	34.69	0.34	7.19	10.50	57.08
SQU-US	2025-08-21 09:15:00	10.65	34.87	0.34	7.18	10.53	57.19
SQU-US	2025-08-21 09:30:00	10.70	35.54	0.34	7.19	10.53	65.88
SQU-US	2025-08-21 09:45:00	10.74	35.17	0.32	7.19	10.54	50.20
SQU-US	2025-08-21 10:00:00	10.80	34.63	0.34	7.19	10.53	41.21
SQU-US	2025-08-21 10:15:00	10.87	35.26	0.34	7.19	10.54	12.79

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-21 10:30:00	10.97	35.87	0.34	7.19	10.50	14.97
SQU-US	2025-08-21 10:45:00	11.05	35.00	0.32	7.21	10.52	5.10
SQU-US	2025-08-21 11:00:00	11.15	35.52	0.34	7.21	10.52	8.96
SQU-US	2025-08-21 11:15:00	11.24	36.27	0.34	7.19	10.49	11.84
SQU-US	2025-08-21 11:30:00	11.33	36.49	0.34	7.19	10.49	2.32
SQU-US	2025-08-21 11:45:00	11.43	36.34	0.32	7.19	10.48	0.00
SQU-US	2025-08-21 12:00:00	11.52	36.04	0.34	7.20	10.48	30.31
SQU-US	2025-08-21 12:15:00	11.62	37.50	0.34	7.19	10.41	5.43
SQU-US	2025-08-21 12:30:00	11.70	36.40	0.34	7.20	10.43	11.96
SQU-US	2025-08-21 12:45:00	11.81	37.08	0.32	7.18	10.40	8.77
SQU-US	2025-08-21 13:00:00	11.90	36.82	0.34	7.20	10.39	19.58
SQU-US	2025-08-21 13:15:00	12.00	37.50	0.34	7.20	10.35	5.08
SQU-US	2025-08-21 13:30:00	12.07	36.66	0.34	7.21	10.36	2.65
SQU-US	2025-08-21 13:45:00	12.17	37.03	0.32	7.20	10.34	5.91
SQU-US	2025-08-21 14:00:00	12.27	36.63	0.34	7.19	10.33	1.56
SQU-US	2025-08-21 14:15:00	12.36	37.25	0.34	7.18	10.33	9.96
SQU-US	2025-08-21 14:30:00	12.45	37.95	0.34	7.18	10.26	16.36
SQU-US	2025-08-21 14:45:00	12.54	37.98	0.32	7.16	10.26	3.39
SQU-US	2025-08-21 15:00:00	12.61	37.92	0.34	7.17	10.24	6.31
SQU-US	2025-08-21 15:15:00	12.67	37.30	0.34	7.17	10.24	2.77
SQU-US	2025-08-21 15:30:00	12.73	37.60	0.34	7.17	10.23	15.58
SQU-US	2025-08-21 15:45:00	12.76	37.27	0.32	7.17	10.22	3.03
SQU-US	2025-08-21 16:00:00	12.79	36.74	0.34	7.16	10.23	0.11
SQU-US	2025-08-21 16:15:00	12.82	36.89	0.34	7.15	10.24	23.32
SQU-US	2025-08-21 16:30:00	12.82	36.48	0.34	7.13	10.23	31.85
SQU-US	2025-08-21 16:45:00	12.82	36.03	0.32	7.18	10.23	36.05
SQU-US	2025-08-21 17:00:00	12.84	37.20	0.34	7.18	10.21	17.68
SQU-US	2025-08-21 17:15:00	12.85	36.90	0.34	7.19	10.18	6.99
SQU-US	2025-08-21 17:30:00	12.83	36.69	0.34	7.19	10.20	5.27
SQU-US	2025-08-21 17:45:00	12.78	36.84	0.32	7.19	10.19	14.31
SQU-US	2025-08-21 18:00:00	12.74	36.99	0.34	7.17	10.18	18.98
SQU-US	2025-08-21 18:15:00	12.73	37.73	0.34	7.18	10.18	1.97
SQU-US	2025-08-21 18:30:00	12.70	38.69	0.34	7.19	10.15	2.05
SQU-US	2025-08-21 18:45:00	12.66	39.02	0.32	7.17	10.16	0.60
SQU-US	2025-08-21 19:00:00	12.62	38.66	0.34	7.19	10.16	0.00
SQU-US	2025-08-21 19:15:00	12.62	38.94	0.34	7.21	10.14	2.08
SQU-US	2025-08-21 19:30:00	12.64	40.18	0.34	7.22	10.13	1.06
SQU-US	2025-08-21 19:45:00	12.69	40.92	0.32	7.21	10.08	2.39
SQU-US	2025-08-21 20:00:00			0.34	7.21	10.03	1.52
SQU-US	2025-08-21 20:15:00	12.76	42.57	0.34	7.19	10.01	10.24
SQU-US	2025-08-21 20:30:00	12.77	42.33	0.34	7.19	10.00	3.03
SQU-US	2025-08-21 20:45:00	12.80	42.45	0.32	7.18	9.99	18.55
SQU-US	2025-08-21 21:00:00	12.80	42.59	0.34	7.19	9.98	22.41
SQU-US	2025-08-21 21:15:00	12.83	42.03	0.33	7.23	9.97	17.11
SQU-US	2025-08-21 21:30:00	12.85	42.26	0.34	7.21	9.96	17.48
SQU-US	2025-08-21 21:45:00	12.86	41.54	0.32	7.21	9.97	17.75
SQU-US	2025-08-21 22:00:00	12.87	42.53	0.33	7.21	9.97	18.44
SQU-US	2025-08-21 22:15:00	12.90	41.75	0.34	7.21	9.96	26.93
SQU-US	2025-08-21 22:30:00	12.90	42.03	0.34	7.21	9.94	20.44
SQU-US	2025-08-21 22:45:00	12.91	42.41	0.32	7.21	9.95	25.72
SQU-US	2025-08-21 23:00:00	12.89	41.53	0.33	7.22	9.95	27.73
SQU-US	2025-08-21 23:15:00	12.89	41.91	0.34	7.21	9.95	22.54
SQU-US	2025-08-21 23:30:00	12.88	41.94	0.34	7.22	9.94	22.35
SQU-US	2025-08-21 23:45:00	12.88	41.60	0.32	7.25	9.93	7.88
SQU-US	2025-08-22 00:00:00	12.87	42.33	0.33	7.25	9.93	1.80
SQU-US	2025-08-22 00:15:00	12.86	42.22	0.33	7.24	9.95	0.00
SQU-US	2025-08-22 00:30:00	12.84	42.30	0.33	7.24	9.94	0.96
SQU-US	2025-08-22 00:45:00	12.82	42.20	0.32	7.23	9.93	1.09
SQU-US	2025-08-22 01:00:00	12.79	42.16	0.33	7.23	9.93	3.41

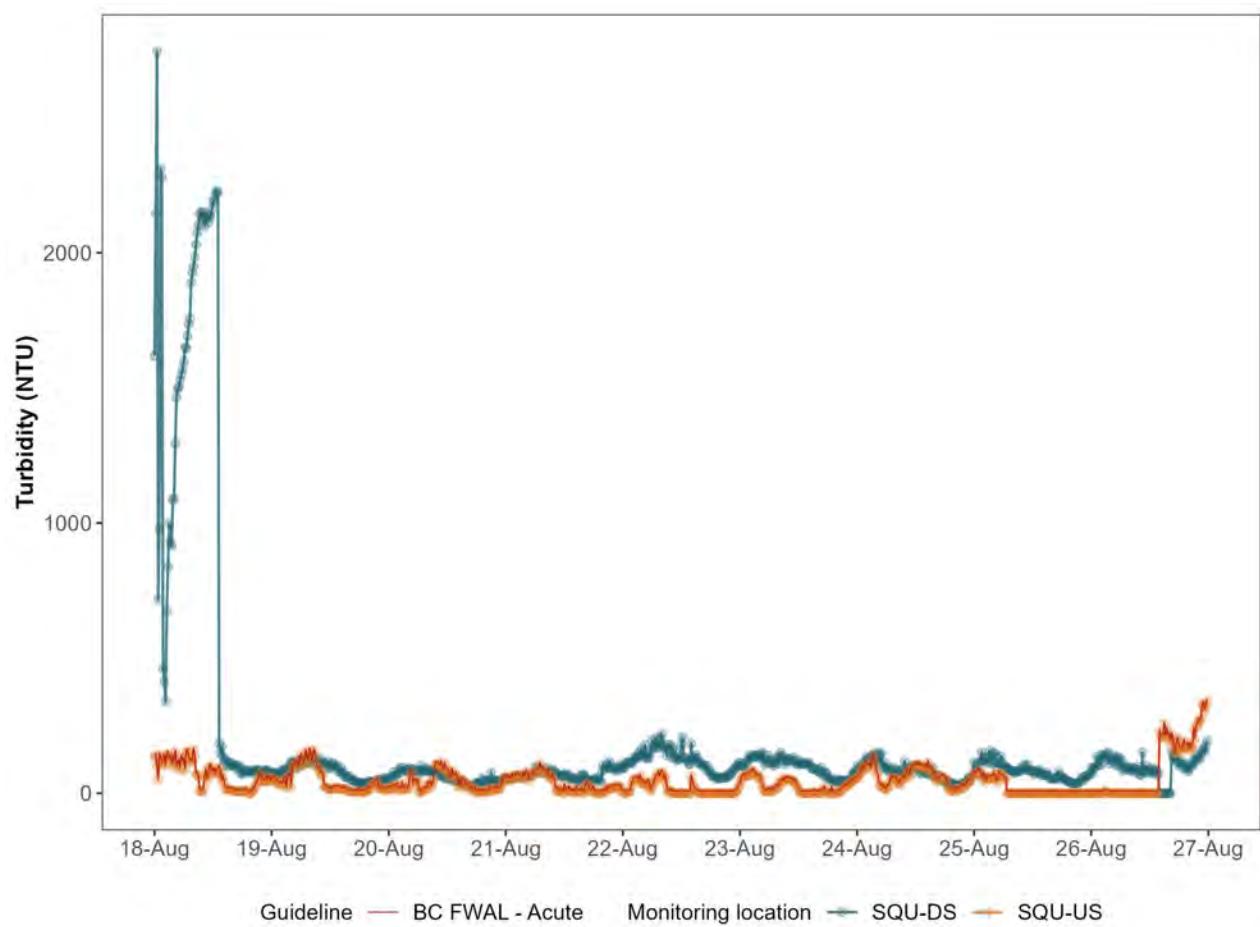
Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-22 01:15:00	12.77	41.19	0.34	7.22	9.93	2.81
SQU-US	2025-08-22 01:30:00	12.72	41.48	0.34	7.23	9.95	7.57
SQU-US	2025-08-22 01:45:00	12.67	42.01	0.32	7.23	9.95	29.27
SQU-US	2025-08-22 02:00:00	12.62	40.51	0.33	7.23	9.96	41.90
SQU-US	2025-08-22 02:15:00	12.54	39.83	0.34	7.21	9.97	51.86
SQU-US	2025-08-22 02:30:00	12.45	39.44	0.34	7.21	9.98	52.23
SQU-US	2025-08-22 02:45:00	12.35	39.21	0.32	7.21	9.99	54.91
SQU-US	2025-08-22 03:00:00	12.23	38.87	0.34	7.21	10.03	55.00
SQU-US	2025-08-22 03:15:00	12.12	38.75	0.34	7.19	10.04	45.66
SQU-US	2025-08-22 03:30:00	11.99	37.81	0.34	7.19	10.08	63.33
SQU-US	2025-08-22 03:45:00	11.88	37.38	0.32	7.19	10.11	35.86
SQU-US	2025-08-22 04:00:00	11.77	37.64	0.34	7.20	10.12	36.02
SQU-US	2025-08-22 04:15:00	11.66	37.07	0.34	7.18	10.16	41.46
SQU-US	2025-08-22 04:30:00	11.56	36.96	0.34	7.20	10.18	30.69
SQU-US	2025-08-22 04:45:00	11.46	36.99	0.33	7.19	10.21	30.77
SQU-US	2025-08-22 05:00:00	11.38	36.76	0.34	7.21	10.20	40.40
SQU-US	2025-08-22 05:15:00	11.30	36.86	0.34	7.21	10.24	43.67
SQU-US	2025-08-22 05:30:00	11.22	36.66	0.34	7.22	10.25	14.09
SQU-US	2025-08-22 05:45:00	11.14	36.56	0.32	7.22	10.26	8.68
SQU-US	2025-08-22 06:00:00	11.07	36.46	0.33	7.22	10.28	24.09
SQU-US	2025-08-22 06:15:00	11.00	36.28	0.34	7.21	10.28	29.90
SQU-US	2025-08-22 06:30:00	10.93	36.02	0.34	7.20	10.32	42.77
SQU-US	2025-08-22 06:45:00	10.87	35.66	0.33	7.17	10.34	57.29
SQU-US	2025-08-22 07:00:00	10.81	35.78	0.34	7.18	10.36	61.54
SQU-US	2025-08-22 07:15:00	10.75	35.45	0.34	7.22	10.36	73.53
SQU-US	2025-08-22 07:30:00	10.70	35.48	0.34	7.17	10.37	55.49
SQU-US	2025-08-22 07:45:00	10.67	35.09	0.33	7.19	10.39	72.99
SQU-US	2025-08-22 08:00:00	10.64	35.15	0.33	7.23	10.41	79.94
SQU-US	2025-08-22 08:15:00	10.62	34.93	0.34	7.22	10.42	66.22
SQU-US	2025-08-22 08:30:00	10.62	34.75	0.34	7.21	10.41	47.00
SQU-US	2025-08-22 08:45:00	10.63	34.58	0.33	7.20	10.43	56.95
SQU-US	2025-08-22 09:00:00	10.66	34.98	0.34	7.21	10.43	21.19
SQU-US	2025-08-22 09:15:00	10.70	34.72	0.34	7.23	10.45	3.40
SQU-US	2025-08-22 09:30:00	10.74	34.96	0.34	7.25	10.45	10.12
SQU-US	2025-08-22 09:45:00	10.81	35.14	0.32	7.24	10.44	4.00
SQU-US	2025-08-22 10:00:00	10.89	35.29	0.33	7.23	10.45	8.78
SQU-US	2025-08-22 10:15:00	10.98	35.37	0.34	7.22	10.45	0.00
SQU-US	2025-08-22 10:30:00	11.07	35.49	0.34	7.23	10.44	0.00
SQU-US	2025-08-22 10:45:00	11.17	35.92	0.32	7.22	10.43	0.00
SQU-US	2025-08-22 11:00:00	11.27	36.60	0.33	7.22	10.40	0.00
SQU-US	2025-08-22 11:15:00	11.38	36.56	0.34	7.22	10.39	0.17
SQU-US	2025-08-22 11:30:00	11.49	36.66	0.34	7.22	10.38	0.00
SQU-US	2025-08-22 11:45:00	11.61	36.62	0.32	7.22	10.36	0.00
SQU-US	2025-08-22 12:00:00	11.72	36.36	0.33	7.23	10.35	1.16
SQU-US	2025-08-22 12:15:00	11.84	36.81	0.34	7.22	10.30	1.97
SQU-US	2025-08-22 12:30:00	11.96	36.73	0.34	7.22	10.27	0.00
SQU-US	2025-08-22 12:45:00	12.07	36.86	0.32	7.22	10.26	0.00
SQU-US	2025-08-22 13:00:00	12.18	37.02	0.34	7.21	10.25	0.00
SQU-US	2025-08-22 13:15:00	12.29	36.90	0.34	7.20	10.23	0.00
SQU-US	2025-08-22 13:30:00	12.40	37.73	0.34	7.21	10.20	0.00
SQU-US	2025-08-22 13:45:00	12.51	37.59	0.32	7.22	10.20	0.00
SQU-US	2025-08-22 14:00:00	12.60	37.13	0.34	7.19	10.23	63.77
SQU-US	2025-08-22 14:15:00	12.71	37.79	0.34	7.18	10.17	38.35
SQU-US	2025-08-22 14:30:00	12.79	38.34	0.34	7.18	10.14	26.22
SQU-US	2025-08-22 14:45:00	12.88	38.21	0.32	7.19	10.15	14.79
SQU-US	2025-08-22 15:00:00	12.95	38.17	0.34	7.20	10.12	8.30
SQU-US	2025-08-22 15:15:00	13.03	38.59	0.34	7.20	10.10	3.79
SQU-US	2025-08-22 15:30:00	13.10	38.64	0.34	7.20	10.10	3.04
SQU-US	2025-08-22 15:45:00	13.15	38.87	0.32	7.21	10.09	0.00

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-22 16:00:00	13.21	38.67	0.34	7.19	10.08	0.00
SQU-US	2025-08-22 16:15:00	13.23	38.88	0.34	7.19	10.06	0.00
SQU-US	2025-08-22 16:30:00	13.26	38.79	0.34	7.20	10.05	0.00
SQU-US	2025-08-22 16:45:00	13.27	38.98	0.32	7.23	10.05	0.00
SQU-US	2025-08-22 17:00:00	13.27	38.54	0.34	7.21	10.06	0.00
SQU-US	2025-08-22 17:15:00	13.26	38.71	0.34	7.19	10.06	0.00
SQU-US	2025-08-22 17:30:00	13.23	38.37	0.34	7.21	10.04	0.00
SQU-US	2025-08-22 17:45:00	13.18	39.10	0.32	7.20	10.03	0.00
SQU-US	2025-08-22 18:00:00	13.13	39.15	0.34	7.20	10.00	0.00
SQU-US	2025-08-22 18:15:00	13.09	39.23	0.34	7.20	9.99	0.00
SQU-US	2025-08-22 18:30:00	13.06	40.14	0.34	7.21	9.97	0.00
SQU-US	2025-08-22 18:45:00	13.01	40.31	0.32	7.20	9.95	0.00
SQU-US	2025-08-22 19:00:00	12.96	41.34	0.34	7.20	9.96	0.00
SQU-US	2025-08-22 19:15:00	12.90	43.33	0.34	7.20	9.93	0.00
SQU-US	2025-08-22 19:30:00	12.81	42.51	0.34	7.21	9.89	0.00
SQU-US	2025-08-22 19:45:00	12.74	43.01	0.32	7.21	9.91	0.00
SQU-US	2025-08-22 20:00:00	12.70	43.68	0.33	7.21	9.90	0.00
SQU-US	2025-08-22 20:15:00	12.68	43.68	0.34	7.22	9.88	0.00
SQU-US	2025-08-22 20:30:00	12.69	44.67	0.34	7.20	9.86	0.00
SQU-US	2025-08-22 20:45:00	12.68	44.08	0.32	7.21	9.85	0.00
SQU-US	2025-08-22 21:00:00	12.68	41.86	0.33	7.22	9.89	0.00
SQU-US	2025-08-22 21:15:00	12.70	41.67	0.34	7.20	9.89	0.25
SQU-US	2025-08-22 21:30:00	12.72	40.58	0.34	7.21	9.87	0.00
SQU-US	2025-08-22 21:45:00	12.75	41.54	0.32	7.21	9.89	0.00
SQU-US	2025-08-22 22:00:00	12.79	40.22	0.33	7.20	9.90	0.96
SQU-US	2025-08-22 22:15:00	12.82	39.14	0.33	7.24	9.89	0.00
SQU-US	2025-08-22 22:30:00	12.84	37.84	0.34	7.21	9.90	0.00
SQU-US	2025-08-22 22:45:00	12.86	37.29	0.32	7.20	9.90	0.00
SQU-US	2025-08-22 23:00:00	12.89	37.22	0.33	7.21	9.91	0.00
SQU-US	2025-08-22 23:15:00	12.90	35.64	0.34	7.21	9.91	7.47
SQU-US	2025-08-22 23:30:00	12.91	35.35	0.34	7.21	9.91	14.43
SQU-US	2025-08-22 23:45:00	12.92	35.67	0.32	7.22	9.93	29.84
SQU-US	2025-08-23 00:00:00	12.93	35.43	0.34	7.22	9.92	26.92
SQU-US	2025-08-23 00:15:00	12.91	35.02	0.34	7.22	9.93	53.06
SQU-US	2025-08-23 00:30:00	12.88	35.26	0.34	7.23	9.93	56.53
SQU-US	2025-08-23 00:45:00	12.84	34.90	0.32	7.25	9.95	64.91
SQU-US	2025-08-23 01:00:00	12.78	34.92	0.34	7.24	9.96	64.91
SQU-US	2025-08-23 01:15:00	12.72	35.33	0.34	7.23	9.97	65.27
SQU-US	2025-08-23 01:30:00	12.64	34.40	0.34	7.23	9.99	62.63
SQU-US	2025-08-23 01:45:00	12.56	34.71	0.32	7.23	10.00	66.90
SQU-US	2025-08-23 02:00:00	12.48	34.24	0.34	7.23	10.03	68.30
SQU-US	2025-08-23 02:15:00	12.39	34.35	0.34	7.22	10.04	77.51
SQU-US	2025-08-23 02:30:00	12.30	34.06	0.34	7.21	10.07	84.41
SQU-US	2025-08-23 02:45:00	12.21	34.04	0.33	7.24	10.09	82.17
SQU-US	2025-08-23 03:00:00	12.13	33.68	0.34	7.23	10.10	66.96
SQU-US	2025-08-23 03:15:00	12.03	33.45	0.34	7.25	10.13	69.28
SQU-US	2025-08-23 03:30:00	11.94	33.05	0.34	7.24	10.16	57.08
SQU-US	2025-08-23 03:45:00	11.85	32.89	0.33	7.22	10.17	63.53
SQU-US	2025-08-23 04:00:00			0.34	7.23	10.19	63.39
SQU-US	2025-08-23 04:15:00	11.70	32.44	0.34	7.23	10.21	52.67
SQU-US	2025-08-23 04:30:00	11.63	33.15	0.34	7.21	10.22	33.34
SQU-US	2025-08-23 04:45:00	11.55	32.35	0.33	7.24	10.25	18.22
SQU-US	2025-08-23 05:00:00	11.49	32.44	0.34	7.25	10.26	7.68
SQU-US	2025-08-23 05:15:00	11.43	32.51	0.34	7.27	10.27	4.11
SQU-US	2025-08-23 05:30:00	11.37	32.14	0.34	7.24	10.27	7.81
SQU-US	2025-08-23 05:45:00	11.31	31.94	0.33	7.24	10.29	9.08
SQU-US	2025-08-23 06:00:00	11.25	31.93	0.34	7.23	10.30	9.89
SQU-US	2025-08-23 06:15:00	11.19	31.87	0.34	7.24	10.31	3.53
SQU-US	2025-08-23 06:30:00	11.14	32.23	0.34	7.25	10.32	16.30

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-23 06:45:00	11.09	32.14	0.33	7.24	10.34	7.84
SQU-US	2025-08-23 07:00:00	11.02	32.22	0.34	7.24	10.34	9.49
SQU-US	2025-08-23 07:15:00	10.97	31.80	0.34	7.24	10.36	25.53
SQU-US	2025-08-23 07:30:00	10.92	32.03	0.34	7.23	10.38	18.52
SQU-US	2025-08-23 07:45:00	10.88	31.73	0.33	7.25	10.40	18.53
SQU-US	2025-08-23 08:00:00	10.86	31.86	0.34	7.23	10.41	24.10
SQU-US	2025-08-23 08:15:00	10.86	31.33	0.34	7.21	10.40	44.06
SQU-US	2025-08-23 08:30:00	10.87	31.40	0.34	7.23	10.41	44.14
SQU-US	2025-08-23 08:45:00	10.90	31.34	0.33	7.23	10.41	47.10
SQU-US	2025-08-23 09:00:00	10.94	31.50	0.34	7.23	10.41	41.35
SQU-US	2025-08-23 09:15:00	10.99	31.62	0.34	7.22	10.40	54.17
SQU-US	2025-08-23 09:30:00	11.05	31.25	0.34	7.23	10.41	51.98
SQU-US	2025-08-23 09:45:00	11.14	31.66	0.33	7.22	10.37	54.39
SQU-US	2025-08-23 10:00:00	11.22	31.64	0.34	7.22	10.38	51.56
SQU-US	2025-08-23 10:15:00	11.30	31.90	0.34	7.22	10.38	49.66
SQU-US	2025-08-23 10:30:00	11.41	32.27	0.34	7.21	10.37	46.22
SQU-US	2025-08-23 10:45:00	11.50	32.34	0.33	7.22	10.37	48.79
SQU-US	2025-08-23 11:00:00	11.60	32.60	0.34	7.21	10.36	44.74
SQU-US	2025-08-23 11:15:00	11.70	32.29	0.34	7.21	10.36	38.67
SQU-US	2025-08-23 11:30:00	11.81	32.94	0.34	7.23	10.32	33.36
SQU-US	2025-08-23 11:45:00	11.91	32.93	0.33	7.23	10.31	22.93
SQU-US	2025-08-23 12:00:00	12.01	32.93	0.34	7.22	10.30	16.32
SQU-US	2025-08-23 12:15:00	12.11	33.34	0.34	7.26	10.27	6.34
SQU-US	2025-08-23 12:30:00	12.20	33.26	0.34	7.25	10.27	0.43
SQU-US	2025-08-23 12:45:00	12.29	33.51	0.32	7.24	10.22	0.00
SQU-US	2025-08-23 13:00:00	12.39	33.13	0.34	7.25	10.21	0.00
SQU-US	2025-08-23 13:15:00	12.48	33.37	0.34	7.24	10.22	0.00
SQU-US	2025-08-23 13:30:00	12.57	33.79	0.34	7.25	10.18	0.00
SQU-US	2025-08-23 13:45:00	12.67	33.50	0.32	7.22	10.20	0.90
SQU-US	2025-08-23 14:00:00	12.74	32.64	0.34	7.21	10.19	0.82
SQU-US	2025-08-23 14:15:00	12.82	32.56	0.34	7.20	10.20	0.08
SQU-US	2025-08-23 14:30:00	12.90	33.48	0.34	7.18	10.19	0.84
SQU-US	2025-08-23 14:45:00	12.99	34.10	0.33	7.20	10.19	0.00
SQU-US	2025-08-23 15:00:00	13.04	33.31	0.34	7.22	10.18	3.26
SQU-US	2025-08-23 15:15:00	13.09	33.32	0.34	7.21	10.17	5.19
SQU-US	2025-08-23 15:30:00	13.14	33.37	0.34	7.21	10.17	0.32
SQU-US	2025-08-23 15:45:00	13.18	32.94	0.33	7.19	10.16	2.22
SQU-US	2025-08-23 16:00:00	13.22	33.04	0.34	7.22	10.13	0.88
SQU-US	2025-08-23 16:15:00	13.24	32.98	0.34	7.22	10.14	2.31
SQU-US	2025-08-23 16:30:00	13.27	33.28	0.34	7.19	10.13	1.61
SQU-US	2025-08-23 16:45:00	13.29	33.35	0.33	7.19	10.11	0.76
SQU-US	2025-08-23 17:00:00	13.32	34.15	0.34	7.20	10.11	11.95
SQU-US	2025-08-23 17:15:00	13.35	34.14	0.34	7.20	10.09	20.98
SQU-US	2025-08-23 17:30:00	13.36	33.66	0.34	7.21	10.09	5.23
SQU-US	2025-08-23 17:45:00	13.34	34.28	0.33	7.22	10.07	1.69
SQU-US	2025-08-23 18:00:00			0.34	7.22	10.05	1.02
SQU-US	2025-08-23 18:15:00	13.32	34.95	0.34	7.21	10.02	0.00
SQU-US	2025-08-23 18:30:00	13.31	34.79	0.34	7.21	10.01	2.24
SQU-US	2025-08-23 18:45:00	13.29	35.61	0.33	7.18	9.99	18.73
SQU-US	2025-08-23 19:00:00	13.24	35.16	0.34	7.19	10.01	1.67
SQU-US	2025-08-23 19:15:00	13.18	35.62	0.34	7.20	9.99	0.00
SQU-US	2025-08-23 19:30:00	13.15	36.87	0.34	7.20	9.96	0.00
SQU-US	2025-08-23 19:45:00	13.11	36.84	0.33	7.18	9.92	0.98
SQU-US	2025-08-23 20:00:00	13.10	37.14	0.34	7.18	9.91	0.08
SQU-US	2025-08-23 20:15:00	13.10	36.55	0.34	7.18	9.92	3.23
SQU-US	2025-08-23 20:30:00	13.11	37.19	0.34	7.17	9.92	7.51
SQU-US	2025-08-23 20:45:00	13.13	37.15	0.33	7.18	9.89	9.28
SQU-US	2025-08-23 21:00:00	13.15	37.30	0.34	7.18	9.88	14.86
SQU-US	2025-08-23 21:15:00	13.17	38.12	0.34	7.18	9.86	23.47

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-23 21:30:00	13.20	36.58	0.34	7.19	9.85	25.04
SQU-US	2025-08-23 21:45:00	13.22	36.28	0.32	7.18	9.86	25.52
SQU-US	2025-08-23 22:00:00	13.24	35.56	0.34	7.17	9.85	29.75
SQU-US	2025-08-23 22:15:00	13.25	35.51	0.34	7.18	9.86	29.47
SQU-US	2025-08-23 22:30:00	13.27	35.13	0.34	7.22	9.87	36.60
SQU-US	2025-08-23 22:45:00	13.29	35.12	0.32	7.18	9.87	39.95
SQU-US	2025-08-23 23:00:00	13.30	39.31	0.34	7.23	9.87	49.13
SQU-US	2025-08-23 23:15:00	13.30	34.67	0.34	7.20	9.87	44.80
SQU-US	2025-08-23 23:30:00	13.28	34.58	0.34	7.22	9.89	49.88
SQU-US	2025-08-23 23:45:00	13.25	34.62	0.32	7.18	9.89	55.62
SQU-US	2025-08-24 00:00:00	13.21	34.14	0.34	7.17	9.90	56.79
SQU-US	2025-08-24 00:15:00	13.15	34.28	0.34	7.17	9.92	57.28
SQU-US	2025-08-24 00:30:00	13.10	33.96	0.34	7.17	9.93	68.09
SQU-US	2025-08-24 00:45:00	13.03	33.93	0.32	7.16	9.95	90.13
SQU-US	2025-08-24 01:00:00	12.96	33.22	0.34	7.17	9.95	80.45
SQU-US	2025-08-24 01:15:00	12.89	34.38	0.34	7.17	9.98	94.50
SQU-US	2025-08-24 01:30:00	12.81	32.84	0.34	7.20	10.00	88.01
SQU-US	2025-08-24 01:45:00	12.73	34.61	0.33	7.19	10.02	111.63
SQU-US	2025-08-24 02:00:00	12.64	32.82	0.34	7.16	10.03	101.94
SQU-US	2025-08-24 02:15:00	12.55	32.90	0.34	7.15	10.05	100.29
SQU-US	2025-08-24 02:30:00	12.44	32.71	0.34	7.16	10.06	105.53
SQU-US	2025-08-24 02:45:00	12.33	32.35	0.34	7.18	10.08	88.52
SQU-US	2025-08-24 03:00:00			0.34	7.19	10.11	110.12
SQU-US	2025-08-24 03:15:00	12.10	31.36	0.34	7.18	10.15	140.25
SQU-US	2025-08-24 03:30:00	12.00	30.94	0.34	7.18	10.16	126.56
SQU-US	2025-08-24 03:45:00	11.90	31.05	0.34	7.21	10.18	105.04
SQU-US	2025-08-24 04:00:00	11.79	30.30	0.34	7.17	10.21	77.85
SQU-US	2025-08-24 04:15:00	11.69	30.48	0.34	7.16	10.23	66.43
SQU-US	2025-08-24 04:30:00	11.58	29.73	0.34	7.18	10.25	38.32
SQU-US	2025-08-24 04:45:00	11.48	29.61	0.34	7.19	10.27	26.73
SQU-US	2025-08-24 05:00:00	11.38	29.51	0.34	7.20	10.29	29.73
SQU-US	2025-08-24 05:15:00	11.30	29.16	0.34	7.22	10.30	20.51
SQU-US	2025-08-24 05:30:00	11.23	29.05	0.34	7.23	10.32	19.82
SQU-US	2025-08-24 05:45:00	11.16	28.32	0.34	7.21	10.34	15.23
SQU-US	2025-08-24 06:00:00	11.12	28.96	0.34	7.21	10.36	11.83
SQU-US	2025-08-24 06:15:00	11.07	28.36	0.33	7.33	10.36	27.40
SQU-US	2025-08-24 06:30:00	11.04	28.93	0.34	7.31	10.37	24.26
SQU-US	2025-08-24 06:45:00	11.01	28.93	0.33	7.31	10.37	43.33
SQU-US	2025-08-24 07:00:00	11.00	29.25	0.34	7.28	10.38	60.52
SQU-US	2025-08-24 07:15:00	10.98	28.99	0.34	7.28	10.36	55.25
SQU-US	2025-08-24 07:30:00	10.97	29.21	0.34	7.29	10.37	52.61
SQU-US	2025-08-24 07:45:00	10.98	29.20	0.33	7.28	10.35	57.94
SQU-US	2025-08-24 08:00:00	10.99	29.32	0.34	7.26	10.36	49.13
SQU-US	2025-08-24 08:15:00	11.02	29.24	0.34	7.24	10.35	38.53
SQU-US	2025-08-24 08:30:00	11.05	29.58	0.34	7.23	10.36	35.24
SQU-US	2025-08-24 08:45:00	11.08	28.99	0.34	7.23	10.36	31.81
SQU-US	2025-08-24 09:00:00	11.13	29.04	0.34	7.27	10.37	49.38
SQU-US	2025-08-24 09:15:00	11.18	29.27	0.34	7.25	10.36	52.17
SQU-US	2025-08-24 09:30:00	11.23	28.83	0.34	7.23	10.37	59.65
SQU-US	2025-08-24 09:45:00	11.30	29.11	0.33	7.23	10.36	51.49
SQU-US	2025-08-24 10:00:00	11.39	29.78	0.34	7.18	10.36	64.90
SQU-US	2025-08-24 10:15:00	11.47	29.88	0.34	7.20	10.36	82.47
SQU-US	2025-08-24 10:30:00	11.55	30.15	0.34	7.27	10.33	78.58
SQU-US	2025-08-24 10:45:00	11.63	30.42	0.33	7.30	10.32	61.39
SQU-US	2025-08-24 11:00:00	11.71	29.97	0.34	7.27	10.33	82.11
SQU-US	2025-08-24 11:15:00	11.80	30.30	0.34	7.28	10.31	91.93
SQU-US	2025-08-24 11:30:00	11.89	30.12	0.34	7.28	10.31	99.24
SQU-US	2025-08-24 11:45:00	11.96	29.69	0.33	7.27	10.31	105.71
SQU-US	2025-08-24 12:00:00	12.04	30.09	0.34	7.24	10.32	97.54

Squamish River							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-08-24 12:15:00	12.12	29.90	0.34	7.23	10.28	107.28
SQU-US	2025-08-24 12:30:00	12.21	31.58	0.34	7.25	10.28	96.94
SQU-US	2025-08-24 12:45:00	12.28	28.65	0.33	7.22	10.26	109.07
SQU-US	2025-08-24 13:00:00	12.36	30.25	0.34	7.27	10.25	97.45
SQU-US	2025-08-24 13:15:00	12.45	30.27	0.34	7.27	10.23	99.35
SQU-US	2025-08-24 13:30:00	12.54	30.43	0.34	7.24	10.22	95.65
SQU-US	2025-08-24 13:45:00	12.61	30.29	0.33	7.26	10.22	97.15
SQU-US	2025-08-24 14:00:00	12.69	30.86	0.34	7.20	10.22	96.96
SQU-US	2025-08-24 14:15:00	12.76	31.00	0.34	7.20	10.20	86.32
SQU-US	2025-08-24 14:30:00	12.83	30.79	0.34	7.21	10.20	113.33
SQU-US	2025-08-24 14:45:00	12.92	30.88	0.33	7.21	10.17	89.34
SQU-US	2025-08-24 15:00:00	13.01	31.02	0.34	7.24	10.17	99.64
SQU-US	2025-08-24 15:15:00	13.10	31.53	0.34	7.20	10.17	84.43
SQU-US	2025-08-24 15:30:00	13.18	31.97	0.34	7.21	10.15	68.83
SQU-US	2025-08-24 15:45:00	13.27	32.04	0.33	7.22	10.11	69.19
SQU-US	2025-08-24 16:00:00	13.33	32.05	0.34	7.18	10.12	71.75
SQU-US	2025-08-24 16:15:00	13.38	32.12	0.34	7.18	10.10	43.96
SQU-US	2025-08-24 16:30:00	13.42	32.96	0.34	7.19	10.08	46.77
SQU-US	2025-08-24 16:45:00	13.45	32.77	0.33	7.19	10.07	54.75
SQU-US	2025-08-24 17:00:00	13.45	33.30	0.34	7.21	10.07	56.38
SQU-US	2025-08-24 17:15:00	13.45	33.24	0.34	7.22	10.07	55.00
SQU-US	2025-08-24 17:30:00	13.44	33.73	0.34	7.22	10.04	61.84
SQU-US	2025-08-24 17:45:00	13.40	34.05	0.33	7.21	10.05	60.98
SQU-US	2025-08-24 18:00:00	13.37	34.48	0.34	7.18	10.03	50.14
SQU-US	2025-08-24 18:15:00	13.34	34.21	0.34	7.19	10.01	50.49
SQU-US	2025-08-24 18:30:00	13.31	34.65	0.34	7.17	10.01	28.48
SQU-US	2025-08-24 18:45:00	13.26	34.68	0.33	7.20	9.99	16.16
SQU-US	2025-08-24 19:00:00	13.22	34.94	0.34	7.22	9.97	11.39
SQU-US	2025-08-24 19:15:00	13.17	35.37	0.34	7.20	9.96	8.54
SQU-US	2025-08-24 19:30:00	13.14	36.33	0.34	7.21	9.95	10.97
SQU-US	2025-08-24 19:45:00	13.12	35.79	0.33	7.20	9.95	14.42
SQU-US	2025-08-24 20:00:00	13.11	35.88	0.34	7.21	9.94	4.05
SQU-US	2025-08-24 20:15:00	13.11	31.31	0.34	7.22	9.92	17.86
SQU-US	2025-08-24 20:30:00	13.11	37.27	0.34	7.23	9.89	13.84
SQU-US	2025-08-24 20:45:00	13.13	37.54	0.33	7.24	9.88	9.97
SQU-US	2025-08-24 21:00:00			0.34	7.23	9.85	20.20
SQU-US	2025-08-24 21:15:00	13.19	37.25	0.34	7.24	9.84	17.27
SQU-US	2025-08-24 21:30:00	13.22	37.70	0.34	7.24	9.83	27.73
SQU-US	2025-08-24 21:45:00	13.24	37.19	0.33	7.22	9.81	19.01
SQU-US	2025-08-24 22:00:00	13.25	36.52	0.33	7.23	9.82	21.72
SQU-US	2025-08-24 22:15:00	13.26	36.21	0.34	7.24	9.84	26.34
SQU-US	2025-08-24 22:30:00	13.26	35.80	0.34	7.24	9.86	34.00
SQU-US	2025-08-24 22:45:00	13.25	37.35	0.33	7.22	9.85	41.48
SQU-US	2025-08-24 23:00:00	13.23	34.05	0.33	7.27	9.86	43.37
SQU-US	2025-08-24 23:15:00	13.20	33.74	0.33	7.29	9.89	42.85
SQU-US	2025-08-24 23:30:00	13.16	32.88	0.33	7.32	9.89	61.86
SQU-US	2025-08-24 23:45:00	13.09	32.51	0.33	7.29	9.92	68.54
SQU-US	2025-08-25 00:00:00	13.02	32.13	0.33	7.31	9.93	70.63



 FORTIS BC™	Eagle Mountain - Woodfibre Gas Pipeline Project	Aug 18th to Aug 24th, 2025
	Report #	74
	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	Aug 18 th to Aug 24 th , 2025
Report #	74
Appendix C	C-2

Woodfibre Site Sample Analysis



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-08-19 09:33:00
In situ Parameters			
Field pH	pH Units	6.5 - 9	6.42
Field Temperature	°C	19	12.5
General Parameters			
pH	pH Units		7.62
Alkalinity (Total as CaCO ₃)	mg/L		45
Alkalinity (PP as CaCO ₃)	mg/L		<1
Hardness (CaCO ₃)-Total	mg/L		56.2
Hardness (CaCO ₃)-Dissolved	mg/L		58.3
Sulphide-Total	mg/L		<0.0018
Sulphide (as H ₂ S)	mg/L		<0.002
Anions and Nutrients			
Ammonia (N)-Total	mg/L	24.8	<0.015
Bicarbonate (HCO ₃)	mg/L		55
Carbonate (CO ₃)	mg/L		<1
Hydroxide (OH)	mg/L		<1
Nitrate (N)	mg/L	32.8	<0.02
Nitrite (N)	mg/L	0.6	<0.005
Nitrate plus Nitrite (N)	mg/L		<0.02
Nitrogen (N)-Total	mg/L		0.203
Phosphorus (P)-Total (4500-P)	mg/L		0.004
Bromide (Br)	mg/L		<0.01
Chloride (Cl)	mg/L	600	12
Fluoride (F)	mg/L	1.102	0.26
Sulphate (SO ₄)-Dissolved	mg/L		8.5
Total Metals			
Aluminum (Al)-Total	mg/L		0.432
Antimony (Sb)-Total	mg/L	0.25	0.000397
Arsenic (As)-Total	mg/L		0.00127
Barium (Ba)-Total	mg/L		0.0083
Beryllium (Be)-Total	mg/L		<0.00001
Bismuth (Bi)-Total	mg/L		<0.000005
Boron (B)-Total	mg/L		0.016
Cadmium (Cd)-Total	mg/L		0.0000173
Calcium (Ca)-Total	mg/L		20.7
Cesium (Cs)-Total	mg/L		0.000053
Chromium (Cr)-Total	mg/L		<0.0001
Chromium (Cr III)-Total	mg/L		<0.00099
Chromium (Cr VI)-Total	mg/L		<0.00099
Cobalt (Co)-Total	mg/L		0.0000877
Copper (Cu)-Total	mg/L		0.0011
Iron (Fe)-Total	mg/L	1	0.128

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



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-08-19 09:33:00
Total Metals (cont'd.)			
Lead (Pb)-Total	mg/L		0.00022
Lithium (Li)-Total	mg/L		0.00408
Magnesium (Mg)-Total	mg/L		1.06
Manganese (Mn)-Total	mg/L	1.159	0.0483
Mercury (Hg)-Total	mg/L		<0.0000019
Molybdenum (Mo)-Total	mg/L	46	0.0213
Nickel (Ni)-Total	mg/L		0.00024
Phosphorus (P)-Total (ICPMS)	mg/L		0.0086
Potassium (K)-Total	mg/L		1.81
Rubidium (Rb)-Total	mg/L		0.0036
Selenium (Se)-Total	mg/L		<0.00004
Silicon (Si)-Total	mg/L		6.6
Silver (Ag)-Total	mg/L		<0.000005
Sodium (Na)-Total	mg/L		7.65
Strontium (Sr)-Total	mg/L		0.0489
Sulphur (S)-Total	mg/L		3.2
Tellurium (Te)-Total	mg/L		<0.00002
Thallium (Tl)-Total	mg/L		0.000015
Thorium (Th)-Total	mg/L		<0.00005
Tin (Sn)-Total	mg/L		<0.0002
Titanium (Ti)-Total	mg/L		0.00481
Uranium (U)-Total	mg/L	0.0165	0.000665
Vanadium (V)-Total	mg/L		0.00023
Zinc (Zn)-Total	mg/L		0.00305
Zirconium (Zr)-Total	mg/L		<0.0001
Dissolved Metals			
Aluminum (Al)-Dissolved	mg/L		0.0603
Antimony (Sb)-Dissolved	mg/L		0.000381
Arsenic (As)-Dissolved	mg/L		0.00118
Barium (Ba)-Dissolved	mg/L		0.00666
Beryllium (Be)-Dissolved	mg/L		<0.00001
Bismuth (Bi)-Dissolved	mg/L		<0.000005
Boron (B)-Dissolved	mg/L		0.015
Cadmium (Cd)-Dissolved	mg/L	0.000325	0.0000116
Calcium (Ca)-Dissolved	mg/L		21.7
Cesium (Cs)-Dissolved	mg/L		<0.00005
Chromium (Cr)-Dissolved	mg/L		<0.0001
Cobalt (Co)-Dissolved	mg/L		0.0000745
Copper (Cu)-Dissolved	mg/L	0.0003	0.000215
Iron (Fe)-Dissolved	mg/L	0.35	<0.001
Lead (Pb)-Dissolved	mg/L		0.0000059

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



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-08-19 09:33:00
Dissolved Metals (cont'd.)			
Lithium (Li)-Dissolved	mg/L		0.00375
Manganese (Mn)-Dissolved	mg/L		0.0423
Magnesium (Mg)-Dissolved	mg/L		0.983
Mercury (Hg)-Dissolved	mg/L		<0.0000019
Molybdenum (Mo)-Dissolved	mg/L		0.0211
Nickel (Ni)-Dissolved	mg/L	0.018	0.000169
Phosphorus (P)-Dissolved	mg/L		<0.002
Potassium (K)-Dissolved	mg/L		1.71
Rubidium (Rb)-Dissolved	mg/L		0.00322
Selenium (Se)-Dissolved	mg/L		<0.00004
Silicon (Si)-Dissolved	mg/L		6.89
Silver (Ag)-Dissolved	mg/L		<0.000005
Sodium (Na)-Dissolved	mg/L		6.92
Strontium (Sr)-Dissolved	mg/L		0.0458
Sulphur (S)-Dissolved	mg/L		<3
Tellurium (Te)-Dissolved	mg/L		<0.00002
Thallium (Tl)-Dissolved	mg/L		0.0000117
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		0.000325
Vanadium (V)-Dissolved	mg/L		<0.0002
Zinc (Zn)-Dissolved	mg/L	0.024824	0.00169
Zirconium (Zr)-Dissolved	mg/L		<0.0001
Inorganics			
Organic Carbon (C)-Total	mg/L		1.6
Organic Carbon (C)-Dissolved	mg/L		1.1
Solids-Total Dissolved	mg/L		120
Solids-Total Suspended	mg/L	26	26
Organics			
HEPH (C19-C32 less PAH)	mg/L		<0.2
LEPH (C10-C19 less PAH)	mg/L		<0.2
EPH (C10-C19)	mg/L		<0.2
EPH (C19-C32)	mg/L		<0.2
Ethylene Glycol	mg/L		<3
Diethylene Glycol	mg/L		<5
Triethylene Glycol	mg/L		<5
Propylene Glycol	mg/L		<5
Acenaphthene	mg/L		<0.00005
Acenaphthylene	mg/L		<0.00005
Acridine	mg/L		<0.00005

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



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-08-19 09:33:00
Organics (cont'd.)			
Anthracene	mg/L	<0.00001	
Benzo(a)anthracene	mg/L	<0.00001	
Benzo(a)pyrene	mg/L	<0.000005	
Benzo(b&j)fluoranthene	mg/L	<0.00003	
Benzo(g,h,i)perylene	mg/L	<0.00005	
Benzo(k)fluoranthene	mg/L	<0.00005	
Chrysene	mg/L	<0.00002	
Dibenz(a,h)anthracene	mg/L	<0.000003	
Fluoranthene	mg/L	<0.00002	
Fluorene	mg/L	<0.00005	
Indeno(1,2,3-cd)pyrene	mg/L	<0.00005	
1-Methylnaphthalene	mg/L	<0.00005	
2-Methylnaphthalene	mg/L	<0.0001	
Naphthalene	mg/L	0.001	<0.0001
Phenanthrene	mg/L	<0.00005	
Pyrene	mg/L	<0.00002	
Quinoline	mg/L	<0.00002	
Low Molecular Weight PAH's	mg/L	<0.0001	
High Molecular Weight PAH's	mg/L	<0.00005	
Total PAH	mg/L	<0.0001	
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	
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	<0.002	
1,2,4-trichlorobenzene	mg/L	<0.002	
1,2-dibromoethane	mg/L	<0.0002	
1,2-Dichlorobenzene	mg/L	<0.0005	
1,2-Dichloroethane	mg/L	<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	<0.0005	
1,3-dichloropropane	mg/L	<0.001	
1,4-Dichlorobenzene	mg/L	<0.0005	
Benzene	mg/L	<0.0004	
Bromobenzene	mg/L	<0.002	

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



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	WLNG EOP 2025-08-19 09:33:00
Organics (cont'd.)			
Bromodichloromethane	mg/L		<0.001
Bromoform	mg/L		<0.001
Bromomethane	mg/L		<0.001
Carbon tetrachloride	mg/L		<0.0005
Chlorobenzene	mg/L		<0.0005
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		<0.002
Ethylbenzene	mg/L		<0.0004
Hexachlorobutadiene	mg/L		<0.0005
Isopropylbenzene	mg/L		<0.002
Methyl-tert-butylether (MTBE)	mg/L	3.4	<0.004
Styrene	mg/L		<0.0005
Tetrachloroethene	mg/L		<0.0005
Toluene	mg/L		<0.0004
trans-1,2-dichloroethene	mg/L		<0.001
trans-1,3-dichloropropene	mg/L		<0.001
Trichloroethene	mg/L		<0.0005
Trichlorofluoromethane	mg/L		<0.004
Vinyl chloride	mg/L		<0.0005
VPH (VH6 to 10 - BTEX)	mg/L		<0.3
Xylenes (Total)	mg/L		<0.0004
m & p-Xylene	mg/L		<0.0004
o-Xylene	mg/L		<0.0004
Phenols	mg/L	0.05	<0.0015

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



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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
Appendix C	C-3

Woodfibre Site WTP Discharge Field Notes and Logs

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID:	<u>WLNG EOP</u>		Date:	August 19, 2025	
Site Name:	<u>East Creek</u>		Time:	9:33	
Site UTM:	Zone:	E: <u>123°14'59.265"</u>	Crew:	WS	
(NAD83)	N:	<u>49°40'9.605"</u>	Weather:	Cloudy	

In Situ Parameters

pH:	<u>6.42</u>	DO:	<u>2.17</u>	(mg/L)
Temp.:	<u>12.5</u>	(°C)	<u>192.7</u>	(us)
Turbidity:	<u>0</u>	NTU		

Visible Sheen: NA

Water Surface Condition: Clear

Photo Record

Photo unavailable

Observations

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-08-18 00:00:00	12.372	151.679	-0.001	7.690	8.491	25.222
EAS-DS	2025-08-18 01:00:00	12.258	151.615	-0.002	7.688	8.679	77.456
EAS-DS	2025-08-18 02:00:00	12.153	150.725	-0.002	7.698	8.459	0.000
EAS-DS	2025-08-18 03:00:00	12.193	150.866	-0.002	7.681	9.099	0.000
EAS-DS	2025-08-18 04:00:00	12.112	147.470	0.001	7.677	9.386	0.000
EAS-DS	2025-08-18 05:00:00	12.067	143.992	-0.002	7.676	9.145	0.000
EAS-DS	2025-08-18 06:00:00	12.072	144.358	-0.001	7.676	9.185	3.953
EAS-DS	2025-08-18 07:00:00		145.843				
EAS-DS	2025-08-18 08:00:00	11.974	143.714	0.010	7.704	8.933	13.241
EAS-DS	2025-08-18 09:00:00	12.076	148.110	0.015	7.763	10.396	8.017
EAS-DS	2025-08-18 10:00:00	12.113	151.120	0.008	7.729	10.398	0.263
EAS-DS	2025-08-18 11:00:00	12.304	153.616	0.001	7.735	10.211	0.000
EAS-DS	2025-08-18 12:00:00	12.445	154.716	-0.003	7.780	10.324	0.000
EAS-DS	2025-08-18 13:00:00	12.491	152.959	-0.003	7.779	10.341	0.000
EAS-DS	2025-08-18 14:00:00	12.726	153.314	-0.004	7.803	10.201	0.000
EAS-DS	2025-08-18 15:00:00	12.698	155.707	-0.005	7.798	10.250	1.156
EAS-DS	2025-08-18 16:00:00	12.668	150.955	-0.002	7.795	10.186	0.000
EAS-DS	2025-08-18 17:00:00	12.788	152.785	-0.004	7.813	10.247	0.000
EAS-DS	2025-08-18 18:00:00	12.822	152.154	-0.002	7.811	10.242	2.745
EAS-DS	2025-08-18 19:00:00		152.645				
EAS-DS	2025-08-18 20:00:00	12.608	150.493	-0.004	7.794	10.292	0.000
EAS-DS	2025-08-18 21:00:00	12.662	157.480	-0.009	7.781	10.259	6.651
EAS-DS	2025-08-18 22:00:00	12.635	157.081	-0.009	7.764	10.217	0.045
EAS-DS	2025-08-18 23:00:00	12.771	155.407	-0.006	7.722	9.936	1.720
EAS-DS	2025-08-19 00:00:00	12.663	157.941	-0.010	7.749	10.248	6.907
EAS-DS	2025-08-19 01:00:00	12.704	158.510	-0.012	7.757	10.242	2.407
EAS-DS	2025-08-19 02:00:00	12.685	156.011	-0.006	7.691	9.960	0.000
EAS-DS	2025-08-19 03:00:00	12.617	158.157	-0.011	7.741	10.264	4.401
EAS-DS	2025-08-19 04:00:00	12.685	157.538	-0.009	7.721	10.238	3.695
EAS-DS	2025-08-19 05:00:00	12.607	154.240	-0.009	7.767	10.259	4.156
EAS-DS	2025-08-19 06:00:00	12.578	154.544	-0.010	7.761	10.270	8.217
EAS-DS	2025-08-19 07:00:00	12.526	154.110	-0.010	7.757	10.291	4.349
EAS-DS	2025-08-19 08:00:00	12.363	148.290	-0.007	7.750	10.356	13.803
EAS-DS	2025-08-19 09:00:00	12.340	147.603	-0.007	7.769	10.385	9.603
EAS-DS	2025-08-19 10:00:00	12.319	149.745	-0.008	7.781	10.409	12.004
EAS-DS	2025-08-19 11:00:00	12.374	150.050	-0.007	7.796	10.403	4.615
EAS-DS	2025-08-19 12:00:00	12.469	151.178	-0.008	7.783	10.370	26.653
EAS-DS	2025-08-19 13:00:00	12.752	153.063	-0.008	7.815	10.263	16.051
EAS-DS	2025-08-19 14:00:00	12.632	151.287	-0.009	7.803	10.341	13.269
EAS-DS	2025-08-19 15:00:00	12.671	151.720	-0.006	7.815	10.280	10.512
EAS-DS	2025-08-19 16:00:00	12.792	154.129	-0.010	7.840	10.286	20.727
EAS-DS	2025-08-19 17:00:00	12.724	150.351	-0.008	7.817	10.330	23.062
EAS-DS	2025-08-19 18:00:00	12.641	151.758	-0.008	7.806	10.321	32.565
EAS-DS	2025-08-19 19:00:00	12.629	152.189	-0.009	7.812	10.326	24.832
EAS-DS	2025-08-19 20:00:00	12.531	147.556	-0.006	7.786	10.343	18.283
EAS-DS	2025-08-19 21:00:00	12.386	145.318	-0.004	7.794	10.390	20.460
EAS-DS	2025-08-19 22:00:00	12.294	148.250	-0.008	7.787	10.393	9.714
EAS-DS	2025-08-19 23:00:00	12.264	151.204	-0.007	7.747	10.437	14.435
EAS-DS	2025-08-20 00:00:00	12.207	147.147	-0.004	7.750	10.364	17.033
EAS-DS	2025-08-20 01:00:00	12.194	151.046	-0.007	7.739	10.433	32.657
EAS-DS	2025-08-20 02:00:00	12.130	147.179	-0.006	7.761	10.472	50.412
EAS-DS	2025-08-20 03:00:00	12.080	146.532	-0.004	7.772	10.479	66.543
EAS-DS	2025-08-20 04:00:00		150.358				
EAS-DS	2025-08-20 05:00:00	12.088	152.317	-0.007	7.802	10.459	20.595
EAS-DS	2025-08-20 06:00:00	12.138	152.607	0.025	7.798	10.435	14.975
EAS-DS	2025-08-20 07:00:00	12.138	150.835	0.007	7.789	10.427	24.823

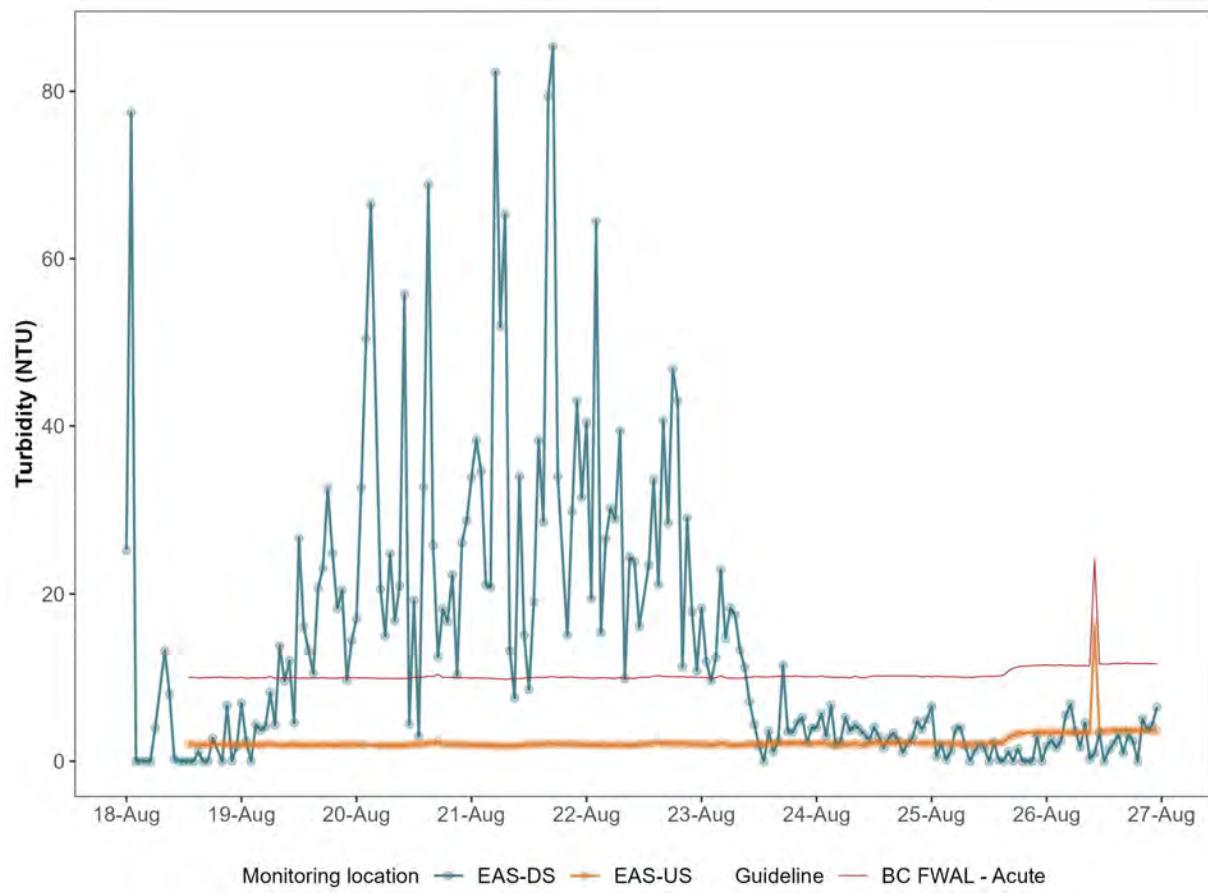
Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-08-20 08:00:00	12.067	144.278	0.020	7.783	10.394	16.807
EAS-DS	2025-08-20 09:00:00	12.057	145.530	0.021	7.798	10.494	20.937
EAS-DS	2025-08-20 10:00:00	12.280	146.024	0.022	7.808	10.429	55.739
EAS-DS	2025-08-20 11:00:00	12.449	145.964	0.032	7.837	10.323	4.434
EAS-DS	2025-08-20 12:00:00	12.683	144.484	0.021	7.829	10.268	19.231
EAS-DS	2025-08-20 13:00:00	12.913	144.626	0.026	7.800	10.122	2.994
EAS-DS	2025-08-20 14:00:00	12.864	144.767	0.022	7.836	10.313	32.760
EAS-DS	2025-08-20 15:00:00	12.969	144.948	0.014	7.841	10.294	68.862
EAS-DS	2025-08-20 16:00:00	12.865	143.895	0.016	7.845	10.329	25.784
EAS-DS	2025-08-20 17:00:00	12.759	143.166	0.021	7.832	10.263	12.489
EAS-DS	2025-08-20 18:00:00	12.736	145.165	0.012	7.812	10.287	18.211
EAS-DS	2025-08-20 19:00:00	12.660	143.753	0.033	7.812	10.160	16.646
EAS-DS	2025-08-20 20:00:00	12.363	144.034	0.031	7.794	10.393	22.273
EAS-DS	2025-08-20 21:00:00	12.297	152.551	0.021	7.851	10.415	10.319
EAS-DS	2025-08-20 22:00:00	12.380	157.959	0.027	7.854	10.421	26.133
EAS-DS	2025-08-20 23:00:00	12.392	153.872	0.007	7.809	10.410	28.786
EAS-DS	2025-08-21 00:00:00	12.307	151.338	0.030	7.788	10.436	33.892
EAS-DS	2025-08-21 01:00:00	12.321	152.420	0.014	7.761	10.414	38.331
EAS-DS	2025-08-21 02:00:00	12.301	150.316	0.026	7.768	10.430	34.640
EAS-DS	2025-08-21 03:00:00	12.282	150.878	0.006	7.797	10.396	21.082
EAS-DS	2025-08-21 04:00:00	12.351	152.499	0.006	7.796	10.418	20.809
EAS-DS	2025-08-21 05:00:00	12.327	150.282	0.007	7.809	10.339	82.295
EAS-DS	2025-08-21 06:00:00	12.362	151.003	0.014	7.790	10.414	51.911
EAS-DS	2025-08-21 07:00:00	12.320	152.097	0.011	7.804	10.416	65.314
EAS-DS	2025-08-21 08:00:00	12.277	148.960	0.005	7.820	10.351	13.230
EAS-DS	2025-08-21 09:00:00	12.332	148.590	0.030	7.654	9.803	7.583
EAS-DS	2025-08-21 10:00:00	12.505	148.171	0.024	7.792	10.362	34.038
EAS-DS	2025-08-21 11:00:00	12.803	150.125	0.036	7.809	10.126	15.010
EAS-DS	2025-08-21 12:00:00	13.073	148.779	0.029	7.805	10.101	8.567
EAS-DS	2025-08-21 13:00:00	13.187	148.688	0.014	7.813	10.081	19.061
EAS-DS	2025-08-21 14:00:00	13.336	150.028	0.024	7.819	10.123	38.309
EAS-DS	2025-08-21 15:00:00	13.234	147.784	0.030	7.812	10.153	28.612
EAS-DS	2025-08-21 16:00:00	13.293	151.542	0.018	7.799	10.159	79.397
EAS-DS	2025-08-21 17:00:00	13.252	152.474	0.034	7.822	10.149	85.355
EAS-DS	2025-08-21 18:00:00	13.209	152.228	0.022	7.817	10.124	33.999
EAS-DS	2025-08-21 19:00:00		152.113				
EAS-DS	2025-08-21 20:00:00	12.932	149.691	0.011	7.811	10.094	15.047
EAS-DS	2025-08-21 21:00:00	12.647	146.841	0.013	7.790	10.237	29.875
EAS-DS	2025-08-21 22:00:00	12.706	150.183	0.010	7.786	10.253	42.977
EAS-DS	2025-08-21 23:00:00	12.741	150.253	0.006	7.796	10.244	31.512
EAS-DS	2025-08-22 00:00:00	12.904	153.233	0.002	7.805	10.216	40.439
EAS-DS	2025-08-22 01:00:00	12.939	154.770	0.003	7.810	10.117	19.421
EAS-DS	2025-08-22 02:00:00	12.673	153.542	0.000	7.759	10.281	64.476
EAS-DS	2025-08-22 03:00:00	12.553	152.992	0.001	7.787	10.279	15.383
EAS-DS	2025-08-22 04:00:00	12.536	154.628	-0.002	7.786	10.301	26.545
EAS-DS	2025-08-22 05:00:00	12.499	156.692	-0.004	7.793	10.303	30.259
EAS-DS	2025-08-22 06:00:00	12.420	156.435	-0.001	7.792	10.240	28.933
EAS-DS	2025-08-22 07:00:00	12.286	154.321	-0.002	7.782	10.371	39.417
EAS-DS	2025-08-22 08:00:00	12.250	150.802	0.005	7.767	10.240	9.909
EAS-DS	2025-08-22 09:00:00	12.277	150.680	0.004	7.774	10.371	24.412
EAS-DS	2025-08-22 10:00:00	12.471	150.623	0.008	7.789	10.276	23.888
EAS-DS	2025-08-22 11:00:00	12.695	152.168	0.003	7.803	10.223	16.083
EAS-DS	2025-08-22 12:00:00		151.789				
EAS-DS	2025-08-22 13:00:00	13.167	151.201	0.009	7.824	10.027	23.456
EAS-DS	2025-08-22 14:00:00	13.367	151.885	0.029	7.836	10.022	33.676
EAS-DS	2025-08-22 15:00:00	13.426	151.685	0.041	7.801	10.037	21.163
EAS-DS	2025-08-22 16:00:00	13.120	150.040	0.042	7.785	10.112	40.666

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-08-22 17:00:00	13.168	150.565	0.053	7.805	10.054	28.464
EAS-DS	2025-08-22 18:00:00	12.999	153.359	0.038	7.721	10.119	46.790
EAS-DS	2025-08-22 19:00:00	12.784	151.082	0.017	7.756	10.170	43.021
EAS-DS	2025-08-22 20:00:00	12.831	151.326	0.041	7.814	10.072	11.288
EAS-DS	2025-08-22 21:00:00	12.536	154.859	0.052	7.829	10.236	29.105
EAS-DS	2025-08-22 22:00:00	12.480	149.569	0.047	7.775	10.257	17.849
EAS-DS	2025-08-22 23:00:00	12.484	151.779	0.050	7.824	10.219	10.813
EAS-DS	2025-08-23 00:00:00	12.330	147.938	0.043	7.780	10.295	18.318
EAS-DS	2025-08-23 01:00:00	12.288	150.047	0.039	7.799	10.298	11.897
EAS-DS	2025-08-23 02:00:00	12.285	148.597	0.034	7.808	10.223	9.595
EAS-DS	2025-08-23 03:00:00	12.393	150.173	0.039	7.797	10.152	12.479
EAS-DS	2025-08-23 04:00:00	12.316	150.434	0.028	7.780	10.294	22.863
EAS-DS	2025-08-23 05:00:00	12.376	150.939	0.031	7.796	10.274	14.695
EAS-DS	2025-08-23 06:00:00	12.456	152.032	0.028	7.803	10.256	18.329
EAS-DS	2025-08-23 07:00:00	12.455	151.995	0.028	7.811	10.248	17.474
EAS-DS	2025-08-23 08:00:00	12.398	149.578	0.030	7.827	10.199	13.328
EAS-DS	2025-08-23 09:00:00	12.510	148.934	0.035	7.823	10.223	11.217
EAS-DS	2025-08-23 10:00:00	12.772	149.269	0.034	7.713	9.698	7.144
EAS-DS	2025-08-23 11:00:00	13.048	150.608	0.021	7.865	10.256	4.401
EAS-DS	2025-08-23 12:00:00	13.392	153.764	0.028	7.820	10.162	1.797
EAS-DS	2025-08-23 13:00:00	13.918	150.232	0.069	7.647	9.482	0.000
EAS-DS	2025-08-23 14:00:00	13.760	154.701	0.017	7.810	10.046	3.593
EAS-DS	2025-08-23 15:00:00	13.843	156.152	0.013	7.814	10.035	1.154
EAS-DS	2025-08-23 16:00:00	13.955	155.858	0.012	7.809	9.948	2.404
EAS-DS	2025-08-23 17:00:00	13.676	154.643	0.012	7.793	10.008	11.485
EAS-DS	2025-08-23 18:00:00	13.566	155.052	0.016	7.767	10.015	3.566
EAS-DS	2025-08-23 19:00:00	13.415	152.169	0.013	7.786	9.997	3.496
EAS-DS	2025-08-23 20:00:00	13.009	149.448	0.012	7.747	10.169	4.620
EAS-DS	2025-08-23 21:00:00	12.756	147.539	0.016	7.755	10.236	5.228
EAS-DS	2025-08-23 22:00:00	12.846	151.547	0.015	7.773	10.220	2.219
EAS-DS	2025-08-23 23:00:00	12.836	151.047	0.013	7.755	10.213	3.962
EAS-DS	2025-08-24 00:00:00	12.757	151.447	0.010	7.759	10.244	4.040
EAS-DS	2025-08-24 01:00:00	12.735	151.960	0.009	7.769	10.250	5.660
EAS-DS	2025-08-24 02:00:00	12.743	151.742	0.009	7.769	10.242	2.992
EAS-DS	2025-08-24 03:00:00	12.700	151.361	0.009	7.776	10.236	6.704
EAS-DS	2025-08-24 04:00:00	12.794	152.034	0.012	7.749	9.921	1.880
EAS-DS	2025-08-24 05:00:00	12.720	152.319	0.012	7.792	10.222	2.435
EAS-DS	2025-08-24 06:00:00	12.707	152.863	0.011	7.800	10.232	5.243
EAS-DS	2025-08-24 07:00:00	12.688	153.273	0.012	7.795	10.236	3.649
EAS-DS	2025-08-24 08:00:00	12.544	151.211	0.011	7.770	10.278	4.364
EAS-DS	2025-08-24 09:00:00	12.518	149.083	0.012	7.782	10.277	3.774
EAS-DS	2025-08-24 10:00:00	12.869	151.553	0.011	7.794	10.191	3.198
EAS-DS	2025-08-24 11:00:00	13.164	153.039	0.011	7.831	10.076	2.495
EAS-DS	2025-08-24 12:00:00	13.466	154.841	0.009	7.799	10.066	4.089
EAS-DS	2025-08-24 13:00:00	13.705	159.367	0.010	7.814	9.957	2.974
EAS-DS	2025-08-24 14:00:00	13.818	159.214	0.008	7.805	9.907	1.595
EAS-DS	2025-08-24 15:00:00	13.871	158.194	0.008	7.786	9.919	2.741
EAS-DS	2025-08-24 16:00:00	13.683	156.700	0.007	7.762	9.982	3.382
EAS-DS	2025-08-24 17:00:00	13.707	154.785	0.008	7.764	9.953	2.540
EAS-DS	2025-08-24 18:00:00	13.825	153.803	0.009	7.680	9.504	1.046
EAS-DS	2025-08-24 19:00:00	13.310	151.804	0.008	7.767	10.018	2.136
EAS-DS	2025-08-24 20:00:00	13.176	151.659	0.008	7.772	10.056	2.846
EAS-DS	2025-08-24 21:00:00	12.932	150.804	0.006	7.747	10.155	4.808
EAS-DS	2025-08-24 22:00:00	12.941	150.176	0.006	7.732	10.152	3.824
EAS-DS	2025-08-24 23:00:00	12.758	149.985	0.005	7.722	10.207	5.032
EAS-DS	2025-08-25 00:00:00	12.746	150.834	0.005	7.726	10.206	6.564
EAS-US	2025-08-18 00:00:00						

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-US	2025-08-18 01:00:00						
EAS-US	2025-08-18 02:00:00						
EAS-US	2025-08-18 03:00:00						
EAS-US	2025-08-18 04:00:00						
EAS-US	2025-08-18 05:00:00						
EAS-US	2025-08-18 06:00:00						
EAS-US	2025-08-18 07:00:00						
EAS-US	2025-08-18 08:00:00						
EAS-US	2025-08-18 09:00:00						
EAS-US	2025-08-18 10:00:00						
EAS-US	2025-08-18 11:00:00						
EAS-US	2025-08-18 12:00:00						
EAS-US	2025-08-18 13:00:00	15.381	25.090	0.341	7.467	8.881	2.018
EAS-US	2025-08-18 14:00:00	15.546	25.029	0.346	7.359	8.835	2.055
EAS-US	2025-08-18 15:00:00	15.570	27.526	0.352	7.280	8.757	1.942
EAS-US	2025-08-18 16:00:00	15.624	25.257	0.355	7.198	8.760	2.000
EAS-US	2025-08-18 17:00:00	15.706	25.263	0.354	7.202	8.725	1.990
EAS-US	2025-08-18 18:00:00	15.765	25.527	0.348	7.314	8.663	2.023
EAS-US	2025-08-18 19:00:00						
EAS-US	2025-08-18 20:00:00	15.692	28.107	0.351	7.160	8.628	2.051
EAS-US	2025-08-18 21:00:00	15.642	28.331	0.351	7.236	8.622	1.980
EAS-US	2025-08-18 22:00:00	15.599	26.055	0.351	7.273	8.615	2.004
EAS-US	2025-08-18 23:00:00	15.567	25.942	0.348	7.286	8.627	1.976
EAS-US	2025-08-19 00:00:00	15.540	25.907	0.356	7.135	8.642	2.035
EAS-US	2025-08-19 01:00:00	15.513	28.261	0.351	7.217	8.622	1.906
EAS-US	2025-08-19 02:00:00	15.478	25.873	0.359	7.118	8.624	1.968
EAS-US	2025-08-19 03:00:00	15.450	25.580	0.353	7.267	8.660	1.956
EAS-US	2025-08-19 04:00:00	15.410	25.517	0.358	7.138	8.675	1.979
EAS-US	2025-08-19 05:00:00	15.349	25.597	0.357	7.144	8.689	1.966
EAS-US	2025-08-19 06:00:00	15.308	27.908	0.352	7.231	8.715	2.134
EAS-US	2025-08-19 07:00:00	15.283	27.915	0.354	7.228	8.727	1.937
EAS-US	2025-08-19 08:00:00	15.273	27.830	0.353	7.185	8.748	1.963
EAS-US	2025-08-19 09:00:00	15.296	27.786	0.353	7.209	8.796	1.945
EAS-US	2025-08-19 10:00:00	15.345	25.255	0.355	7.165	8.792	1.961
EAS-US	2025-08-19 11:00:00	15.382	27.172	0.351	7.286	8.778	2.044
EAS-US	2025-08-19 12:00:00	15.424	27.792	0.352	7.302	8.809	1.927
EAS-US	2025-08-19 13:00:00	15.476	27.732	0.356	7.208	8.833	1.960
EAS-US	2025-08-19 14:00:00	15.494	27.770	0.352	7.288	8.790	1.929
EAS-US	2025-08-19 15:00:00	15.520	27.747	0.351	7.289	8.790	1.952
EAS-US	2025-08-19 16:00:00	15.575	27.559	0.360	7.047	8.826	1.954
EAS-US	2025-08-19 17:00:00	15.667	27.596	0.364	7.032	8.793	2.001
EAS-US	2025-08-19 18:00:00	15.667	27.730	0.351	7.266	8.721	1.946
EAS-US	2025-08-19 19:00:00	15.658	28.087	0.356	7.160	8.717	1.918
EAS-US	2025-08-19 20:00:00	15.640	28.330	0.351	7.204	8.659	1.948
EAS-US	2025-08-19 21:00:00	15.605	28.304	0.364	6.993	8.678	1.981
EAS-US	2025-08-19 22:00:00	15.564	25.748	0.371	6.974	8.666	1.997
EAS-US	2025-08-19 23:00:00	15.502	28.146	0.373	6.957	8.678	1.987
EAS-US	2025-08-20 00:00:00	15.426	28.030	0.356	7.240	8.695	1.982
EAS-US	2025-08-20 01:00:00	15.369	27.936	0.354	7.262	8.727	1.959
EAS-US	2025-08-20 02:00:00	15.316	25.657	0.365	7.080	8.745	1.967
EAS-US	2025-08-20 03:00:00						
EAS-US	2025-08-20 04:00:00	15.191	25.494	0.354	7.307	8.756	1.924
EAS-US	2025-08-20 05:00:00	15.079	27.272	0.354	7.294	8.785	1.899
EAS-US	2025-08-20 06:00:00	14.978	27.724	0.358	7.234	8.830	1.916
EAS-US	2025-08-20 07:00:00	14.916	27.651	0.356	7.242	8.851	1.899

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-US	2025-08-20 08:00:00	14.930	27.543	0.354	7.255	8.909	1.883
EAS-US	2025-08-20 09:00:00	15.057	24.934	0.367	7.032	8.975	1.879
EAS-US	2025-08-20 10:00:00	15.159	27.386	0.365	7.035	8.918	1.914
EAS-US	2025-08-20 11:00:00	15.822	25.422	0.342	7.456	8.979	1.937
EAS-US	2025-08-20 12:00:00	16.053	24.869	0.340	7.372	8.895	2.046
EAS-US	2025-08-20 13:00:00	16.007	27.451	0.358	7.056	8.834	2.019
EAS-US	2025-08-20 14:00:00	16.221	27.431	0.358	7.068	8.749	2.052
EAS-US	2025-08-20 15:00:00	16.366	25.676	0.365	7.028	8.686	2.177
EAS-US	2025-08-20 16:00:00	16.420	27.554	0.348	7.342	8.637	2.137
EAS-US	2025-08-20 17:00:00	16.380	25.328	0.367	7.016	8.619	2.371
EAS-US	2025-08-20 18:00:00	16.335	27.887	0.351	7.204	8.576	2.025
EAS-US	2025-08-20 19:00:00	16.227	28.307	0.349	7.333	8.544	2.022
EAS-US	2025-08-20 20:00:00	16.108	28.170	0.352	7.239	8.563	2.009
EAS-US	2025-08-20 21:00:00	15.977	28.261	0.363	6.996	8.575	2.051
EAS-US	2025-08-20 22:00:00	15.845	28.292	0.364	7.018	8.620	1.977
EAS-US	2025-08-20 23:00:00	15.709	25.934	0.345	7.416	8.658	1.978
EAS-US	2025-08-21 00:00:00	15.568	28.083	0.356	7.235	8.679	1.934
EAS-US	2025-08-21 01:00:00	15.410	27.975	0.353	7.244	8.735	1.964
EAS-US	2025-08-21 02:00:00	15.240	27.866	0.366	7.005	8.776	1.943
EAS-US	2025-08-21 03:00:00	15.073	25.390	0.373	6.954	8.804	1.938
EAS-US	2025-08-21 04:00:00	14.915	25.069	0.345	7.423	8.849	1.929
EAS-US	2025-08-21 05:00:00	14.780	27.667	0.354	7.237	8.882	1.853
EAS-US	2025-08-21 06:00:00	14.656	27.647	0.354	7.194	8.922	1.843
EAS-US	2025-08-21 07:00:00	14.573	27.507	0.354	7.238	8.931	1.801
EAS-US	2025-08-21 08:00:00	14.539	24.924	0.352	7.289	8.993	1.860
EAS-US	2025-08-21 09:00:00	14.616	27.344	0.353	7.271	9.029	1.881
EAS-US	2025-08-21 10:00:00	14.790	27.309	0.362	7.032	9.032	1.864
EAS-US	2025-08-21 11:00:00	15.622	27.348	0.359	7.073	9.024	1.943
EAS-US	2025-08-21 12:00:00	15.859	27.418	0.359	7.043	8.942	2.029
EAS-US	2025-08-21 13:00:00	15.871	27.442	0.345	7.320	8.862	1.995
EAS-US	2025-08-21 14:00:00	16.065	27.461	0.357	7.076	8.788	2.045
EAS-US	2025-08-21 15:00:00	16.249	27.587	0.358	7.072	8.697	2.005
EAS-US	2025-08-21 16:00:00	16.292	27.669	0.352	7.227	8.643	2.058
EAS-US	2025-08-21 17:00:00	16.295	27.873	0.366	7.023	8.572	2.134
EAS-US	2025-08-21 18:00:00	16.297	28.115	0.366	7.008	8.546	2.016
EAS-US	2025-08-21 19:00:00	16.232	28.352	0.354	7.206	8.505	2.033
EAS-US	2025-08-21 20:00:00	16.195	28.375	0.364	7.016	8.490	2.063
EAS-US	2025-08-21 21:00:00	16.115	26.139	0.351	7.281	8.508	2.070
EAS-US	2025-08-21 22:00:00	16.011	25.867	0.372	6.960	8.526	2.000
EAS-US	2025-08-21 23:00:00	15.894	28.405	0.357	7.208	8.556	1.982
EAS-US	2025-08-22 00:00:00	15.763	28.325	0.354	7.236	8.600	1.977
EAS-US	2025-08-22 01:00:00	15.650	28.297	0.353	7.232	8.632	1.939
EAS-US	2025-08-22 02:00:00	15.528	28.156	0.365	7.014	8.664	1.911
EAS-US	2025-08-22 03:00:00	15.404	25.289	0.343	7.411	8.687	1.999
EAS-US	2025-08-22 04:00:00	15.277	25.418	0.344	7.417	8.720	1.985
EAS-US	2025-08-22 05:00:00	15.169	27.944	0.352	7.274	8.729	1.938
EAS-US	2025-08-22 06:00:00	15.067	25.831	0.352	7.328	8.778	1.903
EAS-US	2025-08-22 07:00:00	14.981	27.777	0.362	7.040	8.792	2.016
EAS-US	2025-08-22 08:00:00	14.940	25.429	0.344	7.417	8.820	1.893
EAS-US	2025-08-22 09:00:00	15.006	24.938	0.344	7.422	8.827	1.940
EAS-US	2025-08-22 10:00:00	15.208	25.283	0.350	7.354	8.858	1.895
EAS-US	2025-08-22 11:00:00	16.150	27.640	0.358	7.074	8.896	2.022
EAS-US	2025-08-22 12:00:00	16.475	25.949	0.341	7.415	8.812	2.046
EAS-US	2025-08-22 13:00:00	16.486	27.870	0.345	7.320	8.698	2.038
EAS-US	2025-08-22 14:00:00	16.656	27.846	0.349	7.269	8.642	2.199

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-US	2025-08-22 15:00:00	16.838	25.406	0.337	7.475	8.536	2.237
EAS-US	2025-08-22 16:00:00	16.855	28.158	0.361	7.051	8.469	2.133
EAS-US	2025-08-22 17:00:00	16.865	26.704	0.349	7.314	8.418	2.132
EAS-US	2025-08-22 18:00:00	16.862	26.098	0.347	7.285	8.370	2.104
EAS-US	2025-08-22 19:00:00	16.803	28.634	0.361	7.014	8.347	2.099
EAS-US	2025-08-22 20:00:00	16.747	28.640	0.353	7.139	8.316	2.132
EAS-US	2025-08-22 21:00:00	16.643	28.782	0.364	6.986	8.357	2.038
EAS-US	2025-08-22 22:00:00	16.512	25.901	0.341	7.379	8.351	2.082
EAS-US	2025-08-22 23:00:00	16.364	28.725	0.362	7.012	8.407	2.011
EAS-US	2025-08-23 00:00:00	16.219	28.672	0.352	7.159	8.465	2.018
EAS-US	2025-08-23 01:00:00	16.092	28.614	0.363	7.005	8.497	2.008
EAS-US	2025-08-23 02:00:00	15.962	28.525	0.350	7.245	8.517	1.957
EAS-US	2025-08-23 03:00:00	15.842	28.461	0.356	7.166	8.570	1.970
EAS-US	2025-08-23 04:00:00	15.737	28.403	0.354	7.167	8.581	2.228
EAS-US	2025-08-23 05:00:00	15.620	28.352	0.364	7.013	8.606	1.962
EAS-US	2025-08-23 06:00:00	15.515	25.726	0.351	7.296	8.657	1.948
EAS-US	2025-08-23 07:00:00	15.434	28.150	0.354	7.183	8.677	1.932
EAS-US	2025-08-23 08:00:00	15.404	28.097	0.349	7.184	8.713	1.931
EAS-US	2025-08-23 09:00:00	15.469	27.982	0.347	7.272	8.729	1.958
EAS-US	2025-08-23 10:00:00	15.647	27.956	0.348	7.310	8.738	2.035
EAS-US	2025-08-23 11:00:00	16.615	27.594	0.336	7.390	8.811	2.078
EAS-US	2025-08-23 12:00:00	16.906	28.145	0.352	7.100	8.707	2.125
EAS-US	2025-08-23 13:00:00	16.831	28.120	0.356	7.083	8.607	2.061
EAS-US	2025-08-23 14:00:00	17.049	28.184	0.340	7.354	8.542	2.082
EAS-US	2025-08-23 15:00:00	17.194	26.042	0.341	7.372	8.445	2.114
EAS-US	2025-08-23 16:00:00	17.290	28.395	0.349	7.207	8.400	2.169
EAS-US	2025-08-23 17:00:00	17.273	28.637	0.349	7.234	8.296	2.152
EAS-US	2025-08-23 18:00:00	17.263	28.783	0.365	6.990	8.253	2.147
EAS-US	2025-08-23 19:00:00	17.205	28.894	0.365	6.994	8.217	2.142
EAS-US	2025-08-23 20:00:00	17.166	28.863	0.354	7.188	8.214	2.199
EAS-US	2025-08-23 21:00:00	17.078	29.001	0.366	6.973	8.210	2.127
EAS-US	2025-08-23 22:00:00	16.961	29.001	0.358	7.013	8.239	2.120
EAS-US	2025-08-23 23:00:00	16.817	28.959	0.362	6.970	8.291	2.096
EAS-US	2025-08-24 00:00:00	16.674	28.910	0.357	6.998	8.342	2.122
EAS-US	2025-08-24 01:00:00	16.547	28.839	0.361	6.986	8.361	2.207
EAS-US	2025-08-24 02:00:00	16.404	28.778	0.358	7.030	8.399	2.072
EAS-US	2025-08-24 03:00:00	16.278	28.694	0.350	7.164	8.442	2.070
EAS-US	2025-08-24 04:00:00	16.142	28.613	0.355	7.035	8.465	2.025
EAS-US	2025-08-24 05:00:00	16.024	28.554	0.349	7.166	8.498	2.021
EAS-US	2025-08-24 06:00:00	15.909	27.080	0.349	7.311	8.526	2.043
EAS-US	2025-08-24 07:00:00	15.824	28.364	0.350	7.252	8.552	1.968
EAS-US	2025-08-24 08:00:00	15.782	28.293	0.362	7.033	8.592	2.175
EAS-US	2025-08-24 09:00:00	15.844	25.761	0.348	7.337	8.627	1.991
EAS-US	2025-08-24 10:00:00	16.014	28.147	0.363	7.029	8.648	1.981
EAS-US	2025-08-24 11:00:00	16.991	28.073	0.355	7.124	8.777	2.112
EAS-US	2025-08-24 12:00:00	17.236	28.285	0.346	7.253	8.641	2.209
EAS-US	2025-08-24 13:00:00	17.132	28.324	0.348	7.242	8.564	2.189
EAS-US	2025-08-24 14:00:00	17.381	28.284	0.355	7.125	8.491	2.200
EAS-US	2025-08-24 15:00:00	17.521	28.392	0.343	7.337	8.379	2.196
EAS-US	2025-08-24 16:00:00	17.554	27.409	0.347	7.377	8.342	2.211
EAS-US	2025-08-24 17:00:00	17.560	28.839	0.354	7.228	8.230	2.187
EAS-US	2025-08-24 18:00:00	17.532	29.033	0.368	6.990	8.166	2.212
EAS-US	2025-08-24 19:00:00	17.436	29.292	0.358	7.115	8.141	2.201
EAS-US	2025-08-24 20:00:00		29.361				
EAS-US	2025-08-24 21:00:00	17.283	29.488	0.365	7.019	8.126	2.189
EAS-US	2025-08-24 22:00:00	17.186	27.058	0.352	7.292	8.160	2.107
EAS-US	2025-08-24 23:00:00	17.066	26.408	0.350	7.316	8.202	2.157
EAS-US	2025-08-25 00:00:00	16.948	26.749	0.349	7.323	8.251	2.119





Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Table of Contents:

1. [Executive Summary and Notes](#)
2. [Discharge Parameter Summary](#)
3. [WTP Calibration Log](#)

Appendices:

- [Appendix A- WTP Data Log](#)
- [Appendix B- YSI Data Log](#)
- [Appendix C- Photos](#)

1. Executive Summary and Field Notes:

The discharged water consistently remained within regulatory guidelines. The key parameters, including temperature, pH, NTU, salinity, conductivity, and oxidation-reduction potential (ORP), were monitored throughout the discharge process and remained within the prescribed limits. No visible sheen observed on top of the WTP tanks and discharged water. All relevant parameters were measured using YSI instruments and WTP probes. The total discharge volume up to August 18 was 515,657 m³.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
August 18	Woodfibre (WF)	2,385	Exceeded discharge volume limit
August 19	WF	2,389	Exceeded discharge volume limit
August 20	WF	2,332	Exceeded discharge volume limit
August 21	WF	2,356	Exceeded discharge volume limit
August 22	WF	2,332	Exceeded discharge volume limit
August 23	WF	2,356	Exceeded discharge volume limit
August 24	WF	2,282	Exceeded discharge volume limit
Total		16,432	None



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

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)
8/18/2025	0:00:00	7.3	0.772	2.5	515,657	13.3	271
8/18/2025	0:15:00	7.3	2.491	0.3	515,690	13.2	271
8/18/2025	0:30:00	7.3	2.464	0.3	515,727	13.2	271
8/18/2025	0:45:00	7.3	2.430	0.4	515,764	13.2	271
8/18/2025	1:00:00	7.3	2.381	0.4	515,800	13.2	271
8/18/2025	1:15:00	7.3	2.392	0.3	515,817	13.3	274
8/18/2025	1:45:00	7.3	0.961	0.5	515,864	13.1	272
8/18/2025	2:00:00	7.3	2.528	0.4	515,899	13	272
8/18/2025	2:30:00	7.3	1.188	2.1	515,971	13	272
8/18/2025	2:45:00	7.3	2.464	0.5	516,001	13.1	272
8/18/2025	3:00:00	7.3	2.411	0.5	516,038	13	272
8/18/2025	3:15:00	7.3	2.570	0.6	516,070	13	272
8/18/2025	3:30:00	7.3	2.494	0.5	516,108	13	271
8/18/2025	3:45:00	7.3	1.877	0.5	516,129	13.1	271
8/18/2025	4:00:00	7.3	2.483	0.4	516,162	13	271
8/18/2025	4:15:00	7.3	1.821	0.4	516,197	12.9	269
8/18/2025	4:30:00	7.3	2.506	0.4	516,222	12.9	269
8/18/2025	4:45:00	7.3	2.430	0.5	516,256	12.9	269
8/18/2025	5:00:00	7.3	2.502	0.5	516,281	12.9	269
8/18/2025	5:15:00	7.3	1.976	0.6	516,315	12.9	269
8/18/2025	5:30:00	7.4	0.643	0.6	516,342	12.9	269
8/18/2025	5:45:00	7.4	2.532	0.5	516,378	12.9	269



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/18/2025	6:00:00	7.3	1.927	2	516,400	12.9	269
8/18/2025	6:15:00	7.3	2.532	0.5	516,435	12.8	269
8/18/2025	6:30:00	7.4	2.566	0.5	516,462	12.9	269
8/18/2025	6:45:00	7.3	2.570	0.6	516,494	12.8	269
8/18/2025	7:15:00	7.3	1.855	0.4	516,553	13	267
8/18/2025	7:30:00	7.3	2.487	0.6	516,590	12.8	267
8/18/2025	7:45:00	7.3	1.900	0.5	516,615	12.9	269
8/18/2025	8:00:00	7.3	2.506	0.6	516,647	12.8	269
8/18/2025	8:15:00	7.3	2.604	0.4	516,671	12.8	267
8/18/2025	8:45:00	7.3	1.961	0.5	516,724	12.9	269
8/18/2025	9:00:00	7.4	2.570	0.7	516,751	12.9	269
8/18/2025	9:30:00	7.3	2.547	0.4	516,778	13	274
8/18/2025	9:45:00	7.3	2.574	0.5	516,812	13	274
8/18/2025	10:00:00	7.3	1.881	0.6	516,846	13	274
8/18/2025	10:15:00	7.3	1.143	0.5	516,878	13	274
8/18/2025	10:30:00	7.3	2.176	0.5	516,912	13	276
8/18/2025	10:45:00	7.3	0.609	7	516,938	13	276
8/18/2025	11:15:00	7.3	1.998	1	516,958	13.2	274
8/18/2025	11:30:00	7.3	2.721	0.6	516,977	13.3	277
8/18/2025	11:45:00	7.3	0.299	0.5	517,004	13.3	277
8/18/2025	12:00:00	7.3	2.691	0.4	517,037	13.3	277
8/18/2025	12:15:00	7.3	2.653	0.4	517,067	13.3	274
8/18/2025	12:30:00	7.3	0.284	0.5	517,098	13.4	274
8/18/2025	12:45:00	7.3	2.619	0.3	517,131	13.3	274



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/18/2025	13:00:00	7.3	1.927	0.3	517,170	13.4	274
8/18/2025	13:15:00	7.7	1.794	107.5	517,202	13.5	114
8/18/2025	13:30:00	7.3	2.608	0.5	517,227	13.4	274
8/18/2025	13:45:00	7.3	2.661	0.4	517,250	13.4	273
8/18/2025	14:00:00	7.3	2.600	0.4	517,274	13.5	273
8/18/2025	14:15:00	7.3	1.980	0.6	517,310	13.5	277
8/18/2025	14:30:00	7.3	2.157	0.3	517,339	13.4	277
8/18/2025	14:45:00	7.3	1.904	0.4	517,374	13.4	277
8/18/2025	15:00:00	7.3	2.551	0.2	517,401	13.4	277
8/18/2025	15:15:00	7.3	0.530	0.8	517,426	13.4	272
8/18/2025	15:30:00	7.4	1.961	0.3	517,459	13.4	271
8/18/2025	15:45:00	7.3	1.911	0.2	517,492	13.4	271
8/18/2025	16:15:00	7.3	0.167	0.4	517,506	13.5	271
8/18/2025	16:30:00	7.3	0.182	0.5	517,533	13.5	271
8/18/2025	16:45:00	7.3	2.612	0.5	517,557	13.6	271
8/18/2025	17:00:00	7.3	2.536	0.6	517,596	13.7	269
8/18/2025	17:15:00	7.4	0.825	0.8	517,627	13.9	269
8/18/2025	17:30:00	7.4	2.642	0.6	517,657	13.7	269
8/18/2025	17:45:00	7.3	1.983	0.3	517,689	13.9	269
8/18/2025	18:00:00	7.4	2.653	0.3	517,723	13.9	271
8/18/2025	18:15:00	7.4	2.593	0.5	517,762	13.9	272
8/18/2025	18:30:00	7.3	2.222	0.3	517,796	13.9	271
8/18/2025	18:45:00	7.4	2.604	0.5	517,823	14	271
8/18/2025	19:00:00	7.4	2.653	2.1	517,856	14.1	271



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/18/2025	19:15:00	7.4	2.192	0.6	517,884	14	271
8/18/2025	19:30:00	7.3	1.908	0.3	517,920	13.9	271
8/18/2025	19:45:00	7.3	2.502	0.3	517,953	13.6	269
8/18/2025	20:00:00	7.3	1.438	0.4	517,987	13.5	268
8/18/2025	20:15:00	7.3	1.828	0.3	518,008	13.6	268
8/18/2025	20:30:00	7.3	2.464	1	518,042	13.5	268
8/18/2025	20:45:00	7.3	2.403	0.4	518,068	13.6	271
8/18/2025	21:00:00	7.3	2.544	1.9	518,099	13.6	274
8/18/2025	21:15:00	7.3	2.513	2.9	518,119	13.6	274
8/18/2025	21:30:00	7.3	2.547	3.5	518,157	13.6	276
8/18/2025	21:45:00	7.3	1.650	4.6	518,178	13.6	276
8/18/2025	22:00:00	7.3	2.536	3.4	518,206	13.6	273
8/18/2025	22:15:00	7.3	2.506	5.3	518,244	13.6	273
8/18/2025	23:00:00	7.3	1.472	4.5	518,309	13.6	276
8/18/2025	23:15:00	7.3	2.494	2.5	518,335	13.7	278
8/18/2025	23:30:00	7.3	2.494	2.6	518,372	13.8	274
8/18/2025	23:45:00	7.3	2.040	7.3	518,409	14	276
8/19/2025	0:00:00	7.3	2.498	2.4	518,434	14.2	274
8/19/2025	0:15:00	7.3	2.014	4.7	518,470	14.3	274
8/19/2025	0:45:00	7.3	2.506	2.6	518,522	14.4	276
8/19/2025	1:00:00	7.3	2.456	1.4	518,550	14.4	276
8/19/2025	1:15:00	7.3	2.453	2.1	518,583	14.4	276
8/19/2025	1:45:00	7.3	1.991	8.3	518,643	14.4	274
8/19/2025	2:00:00	7.3	1.911	5.7	518,651	14.5	274



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/19/2025	2:15:00	7.3	2.460	6.3	518,683	14.4	274
8/19/2025	2:45:00	7.3	2.460	1.5	518,740	14.5	274
8/19/2025	3:00:00	7.3	2.362	2.1	518,777	14.5	274
8/19/2025	3:15:00	7.3	1.911	2.3	518,798	14.6	274
8/19/2025	3:30:00	7.2	2.460	2.3	518,834	14.5	274
8/19/2025	3:45:00	7.2	1.934	12.8	518,869	14.7	273
8/19/2025	4:00:00	7.3	2.472	0.9	518,890	14.8	274
8/19/2025	4:15:00	7.3	2.445	1.5	518,927	14.8	275
8/19/2025	4:30:00	7.3	2.453	1.8	518,958	14.9	272
8/19/2025	5:00:00	7.3	1.957	1.2	519,017	15.2	269
8/19/2025	5:30:00	7.3	1.980	3.1	519,073	15.3	271
8/19/2025	5:45:00	7.3	2.021	2	519,106	15.3	271
8/19/2025	6:00:00	7.3	2.464	1.6	519,141	15.2	271
8/19/2025	6:15:00	7.3	2.460	0.7	519,173	15.2	272
8/19/2025	6:30:00	7.3	2.441	2	519,207	15.1	268
8/19/2025	7:00:00	7.3	2.774	2.8	519,271	14.4	269
8/19/2025	7:15:00	7.3	2.237	7.4	519,297	14.2	269
8/19/2025	7:30:00	7.3	2.790	2	519,323	14	270
8/19/2025	7:45:00	7.3	2.994	8.9	519,350	14.1	270
8/19/2025	8:00:00	7.3	2.755	2.8	519,391	13.7	268
8/19/2025	8:15:00	7.3	2.752	3.3	519,417	13.6	267
8/19/2025	8:30:00	7.3	2.767	1.7	519,441	13.6	266
8/19/2025	8:45:00	7.3	2.759	2.2	519,467	13.5	267
8/19/2025	9:15:00	7.3	2.763	1.9	519,515	13.5	266



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/19/2025	9:30:00	7.3	0.428	4.3	519,546	13.5	266
8/19/2025	9:45:00	7.3	2.460	5.9	519,572	13.5	268
8/19/2025	10:00:00	7.3	2.763	2.7	519,602	13.5	268
8/19/2025	10:15:00	7.3	2.763	11.2	519,633	13.7	268
8/19/2025	10:30:00	7.3	0.386	0.8	519,661	13.7	268
8/19/2025	10:45:00	7.3	2.721	1.9	519,699	13.6	270
8/19/2025	11:00:00	7.3	0.382	1	519,731	13.7	270
8/19/2025	11:15:00	7.3	2.759	3.7	519,769	13.6	269
8/19/2025	11:30:00	7.3	0.291	2.2	519,805	13.6	269
8/19/2025	11:45:00	7.3	0.643	3	519,833	13.6	271
8/19/2025	12:00:00	7.3	0.636	2.6	519,861	13.6	271
8/19/2025	12:15:00	7.3	2.752	3.7	519,887	13.6	271
8/19/2025	13:00:00	7.4	2.070	11.4	519,919	13.7	273
8/19/2025	13:15:00	7.3	2.778	4.5	519,940	13.7	273
8/19/2025	13:45:00	7.3	2.755	10.6	520,004	13.8	271
8/19/2025	14:00:00	7.3	2.892	3.5	520,036	13.7	269
8/19/2025	14:15:00	7.3	0.000	5.8	520,058	14.2	269
8/19/2025	14:30:00	7.3	2.850	4.2	520,089	13.8	269
8/19/2025	14:45:00	7.3	0.405	1.6	520,118	13.9	273
8/19/2025	15:00:00	7.3	2.146	4.7	520,144	13.9	273
8/19/2025	15:15:00	7.3	2.812	5.8	520,183	13.7	273
8/19/2025	15:30:00	7.4	2.824	10.9	520,215	13.9	273
8/19/2025	15:45:00	7.4	2.824	11.3	520,252	13.9	273
8/19/2025	16:00:00	7.4	2.839	6.9	520,284	13.9	273



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/19/2025	16:15:00	7.4	1.612	5	520,314	13.8	273
8/19/2025	16:30:00	7.4	2.755	2.9	520,348	13.8	273
8/19/2025	16:45:00	7.4	0.413	1.5	520,382	13.9	273
8/19/2025	17:00:00	7.4	2.286	4.7	520,415	13.9	271
8/19/2025	17:15:00	7.4	2.771	2.8	520,445	13.8	269
8/19/2025	17:30:00	7.4	0.390	1.1	520,470	14	269
8/19/2025	17:45:00	7.4	0.413	1.6	520,492	14	269
8/19/2025	18:00:00	7.3	2.748	1.9	520,532	13.7	269
8/19/2025	18:15:00	7.4	2.290	3.8	520,560	13.8	273
8/19/2025	18:30:00	7.4	2.051	4.2	520,590	13.7	271
8/19/2025	18:45:00	7.3	2.475	5.9	520,630	13.7	273
8/19/2025	19:00:00	7.3	0.549	2.4	520,666	13.7	273
8/19/2025	19:15:00	7.3	2.759	2.1	520,698	13.7	271
8/19/2025	19:45:00	7.3	2.721	1.9	520,762	13.6	269
8/19/2025	20:00:00	7.3	2.729	1.9	520,790	13.5	269
8/19/2025	20:15:00	7.3	2.282	5	520,814	13.6	269
8/19/2025	20:45:00	7.3	2.154	4	520,879	13.4	268
8/19/2025	21:00:00	7.3	2.195	2.2	520,903	13.4	268
8/19/2025	21:15:00	7.3	1.927	1.2	520,937	13.5	268
8/19/2025	21:30:00	7.3	2.051	3.3	520,956	13.4	268
8/19/2025	21:45:00	7.3	2.714	1.7	520,986	13.4	269
8/19/2025	22:00:00	7.4	2.161	4.9	521,011	13.6	269
8/19/2025	22:15:00	7.4	2.733	1.4	521,034	13.6	269
8/19/2025	22:30:00	7.3	1.764	1.7	521,075	13.4	269



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/19/2025	23:45:00	7.3	2.725	2.4	521,206	13.3	271
8/20/2025	0:00:00	7.3	2.241	2.9	521,232	13.7	271
8/20/2025	0:15:00	7.3	2.737	3.4	521,257	13.9	268
8/20/2025	0:30:00	7.3	2.176	4.6	521,298	14	269
8/20/2025	1:00:00	7.3	2.733	3.7	521,349	14.1	269
8/20/2025	1:15:00	7.3	2.165	10	521,377	14.5	269
8/20/2025	1:30:00	7.3	2.721	1.8	521,412	14.3	269
8/20/2025	1:45:00	7.4	2.733	4.8	521,442	14.3	268
8/20/2025	2:00:00	7.4	2.233	6.6	521,478	14.3	268
8/20/2025	2:15:00	7.4	2.737	3.7	521,506	14.3	267
8/20/2025	2:30:00	7.4	2.176	3.3	521,546	14.3	265
8/20/2025	2:45:00	7.4	2.468	1.3	521,571	14.4	267
8/20/2025	3:00:00	7.4	2.733	1.4	521,599	14.4	265
8/20/2025	3:15:00	7.4	2.165	1.6	521,628	14.7	268
8/20/2025	3:30:00	7.4	2.748	0.4	521,649	14.9	270
8/20/2025	3:45:00	7.4	2.740	0.1	521,676	14.5	268
8/20/2025	4:30:00	7.5	2.180	1.9	521,765	14.4	273
8/20/2025	4:45:00	7.5	2.245	2.5	521,790	14.4	273
8/20/2025	5:00:00	7.4	2.721	2.1	521,829	14.2	269
8/20/2025	5:15:00	7.4	2.188	2.1	521,856	14.1	271
8/20/2025	5:30:00	7.3	2.631	2.8	521,880	14.2	271
8/20/2025	5:45:00	7.2	2.725	2.1	521,921	13.8	272
8/20/2025	6:45:00	7.3	2.721	2.7	522,024	13.5	273
8/20/2025	7:00:00	7.3	2.718	3.5	522,052	13.5	271



FRONTIER-KEMPER
MICHELS® joint venture

Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/20/2025	7:15:00	7.3	2.718	3.1	522,081	13.4	271
8/20/2025	7:45:00	7.3	2.699	2.5	522,147	13.2	269
8/20/2025	8:00:00	7.3	2.706	3	522,169	13.2	269
8/20/2025	8:15:00	7.3	2.687	2.8	522,210	13	268
8/20/2025	8:30:00	7.4	2.725	7	522,237	13.2	269
8/20/2025	9:45:00	7.4	2.449	3.4	522,372	13.3	269
8/20/2025	10:00:00	7.4	2.721	2.9	522,394	13.4	269
8/20/2025	10:15:00	7.4	2.725	3	522,423	13.4	269
8/20/2025	10:30:00	7.4	2.718	2.5	522,459	13.5	271
8/20/2025	10:45:00	7.4	2.721	2.1	522,483	13.5	271
8/20/2025	11:00:00	7.4	2.729	2.1	522,510	13.6	269
8/20/2025	11:15:00	7.4	2.044	5.7	522,535	13.7	269
8/20/2025	11:30:00	7.4	2.718	1.4	522,574	13.6	268
8/20/2025	11:45:00	7.4	2.188	2.1	522,599	13.7	268
8/20/2025	12:00:00	7.4	2.744	2.6	522,624	13.7	268
8/20/2025	12:30:00	7.4	2.740	7.7	522,669	14.1	268
8/20/2025	12:45:00	7.4	2.725	1.8	522,694	13.9	268
8/20/2025	13:00:00	7.4	2.725	2	522,718	13.9	268
8/20/2025	13:15:00	7.4	2.248	2.4	522,743	13.9	265
8/20/2025	13:45:00	7.4	2.195	2.3	522,807	13.9	266
8/20/2025	14:00:00	7.4	2.721	2.3	522,842	14	266
8/20/2025	14:15:00	7.4	2.740	1.7	522,871	14	267
8/20/2025	15:00:00	7.4	2.721	3.2	522,958	14.1	267
8/20/2025	15:15:00	7.4	2.226	2	522,982	14.2	267



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/20/2025	15:30:00	7.4	2.721	1.5	523,021	14.1	267
8/20/2025	16:15:00	7.4	2.725	2.5	523,113	14	263
8/20/2025	16:30:00	7.4	2.498	4	523,140	14.2	267
8/20/2025	17:00:00	7.4	2.744	14.8	523,192	14.1	263
8/20/2025	17:15:00	7.4	2.248	13.5	523,216	14	263
8/20/2025	18:00:00	7.3	2.824	8.4	523,298	13.9	266
8/20/2025	18:15:00	7.3	2.305	12.5	523,326	13.7	266
8/20/2025	18:30:00	7.3	2.362	18.1	523,352	13.8	266
8/20/2025	18:45:00	7.3	2.922	20	523,381	13.7	263
8/20/2025	19:30:00	7.4	1.635	17.2	523,430	13.4	263
8/20/2025	19:45:00	7.3	2.619	8	523,456	13.8	266
8/20/2025	20:00:00	7.3	3.089	20.3	523,499	13.4	264
8/20/2025	20:15:00	7.5	2.721	1.4	523,531	13.3	263
8/20/2025	20:30:00	7.4	1.313	21.6	523,564	13.4	263
8/20/2025	20:45:00	7.4	1.734	6.5	523,589	13.3	266
8/20/2025	21:00:00	7.6	0.367	0.8	523,618	13.2	269
8/20/2025	21:15:00	7.5	0.712	1.5	523,657	13.3	272
8/20/2025	21:30:00	7.5	2.176	1.8	523,682	13.4	272
8/20/2025	21:45:00	7.5	2.835	1.8	523,710	13.3	274
8/20/2025	22:00:00	7.5	2.820	1.2	523,752	13.2	274
8/20/2025	22:15:00	7.5	2.089	3.9	523,776	13.3	274
8/20/2025	22:30:00	7.5	2.737	1.9	523,803	13.3	274
8/20/2025	22:45:00	7.4	2.146	3.5	523,831	13.3	274
8/20/2025	23:00:00	7.4	2.771	2	523,860	13.2	272



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/20/2025	23:15:00	7.4	2.748	3.1	523,901	13.2	272
8/20/2025	23:30:00	7.3	2.180	4.3	523,925	13.3	272
8/20/2025	23:45:00	7.4	0.503	1.8	523,946	13.2	271
8/21/2025	0:00:00	7.4	0.553	7.2	523,969	13.2	271
8/21/2025	0:15:00	7.3	2.771	4.1	523,996	13.2	271
8/21/2025	0:30:00	7.3	2.759	4	524,027	13.2	271
8/21/2025	0:45:00	7.3	2.131	12.8	524,065	13.2	271
8/21/2025	1:00:00	7.3	2.755	3.7	524,092	13.2	271
8/21/2025	1:15:00	7.3	2.737	3.6	524,133	13.2	271
8/21/2025	1:30:00	7.3	2.210	6.8	524,159	13.3	271
8/21/2025	1:45:00	7.3	2.763	2.8	524,185	13.3	271
8/21/2025	2:00:00	7.3	2.366	3.4	524,226	13.2	271
8/21/2025	2:15:00	7.3	2.759	2.9	524,252	13.3	268
8/21/2025	2:30:00	7.3	2.744	4.7	524,283	13.4	267
8/21/2025	2:45:00	7.4	0.310	17.2	524,316	13.7	269
8/21/2025	3:00:00	7.4	0.401	6.2	524,334	14	269
8/21/2025	3:15:00	7.4	0.632	4.2	524,373	13.9	269
8/21/2025	3:30:00	7.4	2.430	3.6	524,400	14.1	268
8/21/2025	3:45:00	7.4	2.755	5.3	524,429	14.2	267
8/21/2025	4:00:00	7.5	0.360	1.7	524,462	14.4	268
8/21/2025	4:15:00	7.5	0.375	0.9	524,486	14.6	268
8/21/2025	4:30:00	7.4	2.740	1.7	524,524	14.4	268
8/21/2025	4:45:00	7.4	2.131	3.7	524,553	14.5	268
8/21/2025	5:00:00	7.4	2.763	1.4	524,580	14.5	268



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/21/2025	5:15:00	7.5	0.367	3	524,612	14.7	270
8/21/2025	5:30:00	7.4	0.326	7.3	524,640	14.6	268
8/21/2025	5:45:00	7.4	2.748	1	524,676	14.4	267
8/21/2025	6:00:00	7.4	2.271	2.4	524,706	14.5	265
8/21/2025	6:15:00	7.4	2.763	5.8	524,732	14.9	270
8/21/2025	6:30:00	7.5	0.632	0.4	524,772	14.5	268
8/21/2025	6:45:00	7.4	2.127	3	524,801	14.6	270
8/21/2025	7:00:00	7.4	2.748	1.7	524,830	14.5	268
8/21/2025	7:15:00	7.5	0.326	0.8	524,866	14.4	268
8/21/2025	7:30:00	7.5	0.394	4.7	524,889	14.5	266
8/21/2025	7:45:00	7.4	2.740	1.4	524,928	14.1	267
8/21/2025	8:00:00	7.4	2.260	2.2	524,957	14	266
8/21/2025	8:15:00	7.4	2.763	3	524,983	14	269
8/21/2025	8:30:00	7.4	2.755	1.2	525,009	14.1	268
8/21/2025	9:45:00	7.4	2.729	3.4	525,091	13.8	268
8/21/2025	10:00:00	7.4	2.241	2.5	525,115	13.9	268
8/21/2025	10:30:00	7.4	2.733	2.6	525,177	13.9	268
8/21/2025	10:45:00	7.4	2.089	8.5	525,198	14	268
8/21/2025	11:00:00	7.3	2.759	4.5	525,220	14.2	268
8/21/2025	11:15:00	7.3	2.755	4.5	525,244	14.3	268
8/21/2025	11:30:00	7.3	2.199	2.4	525,268	14.3	270
8/21/2025	11:45:00	7.3	2.744	2.5	525,295	14.2	268
8/21/2025	12:00:00	7.3	2.275	4.3	525,320	14.3	268
8/21/2025	12:30:00	7.3	2.744	3	525,381	14.4	268



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/21/2025	12:45:00	7.3	2.108	20.3	525,408	14.6	267
8/21/2025	13:00:00	7.3	2.774	1.3	525,432	14.7	267
8/21/2025	13:15:00	7.3	2.763	4.2	525,462	14.6	267
8/21/2025	13:30:00	7.3	2.210	4.3	525,497	14.6	267
8/21/2025	13:45:00	7.3	2.748	0.5	525,524	14.6	267
8/21/2025	14:15:00	7.3	2.744	2.4	525,567	14.6	267
8/21/2025	14:30:00	7.3	2.752	2.4	525,597	14.6	267
8/21/2025	14:45:00	7.3	2.165	4.9	525,635	14.6	267
8/21/2025	15:00:00	7.3	2.763	2	525,663	14.5	267
8/21/2025	15:15:00	7.3	2.748	6.6	525,705	14.5	267
8/21/2025	15:30:00	7.3	2.214	2.8	525,740	14.7	267
8/21/2025	15:45:00	7.4	2.687	2.3	525,769	14.9	267
8/21/2025	16:30:00	7.4	2.737	4.5	525,855	14.7	268
8/21/2025	17:00:00	7.4	2.740	6.3	525,920	14.7	270
8/21/2025	17:15:00	7.3	2.737	4.7	525,950	14.7	270
8/21/2025	17:30:00	7.4	2.226	8.3	525,975	14.8	270
8/21/2025	17:45:00	7.3	2.744	4.5	526,016	14.6	270
8/21/2025	18:00:00	7.4	2.017	4.6	526,045	14.8	270
8/21/2025	18:15:00	7.3	2.759	2.4	526,079	14.6	270
8/21/2025	18:45:00	7.3	2.169	10.1	526,147	14.6	270
8/21/2025	19:00:00	7.4	2.755	4.9	526,185	14.5	270
8/21/2025	19:15:00	7.3	2.752	8.2	526,215	14.5	270
8/21/2025	19:30:00	7.4	2.055	18.8	526,239	14.6	272
8/21/2025	19:45:00	7.3	2.767	3	526,264	14.4	268



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/21/2025	20:00:00	7.3	2.271	7.4	526,291	14.4	269
8/21/2025	20:45:00	7.3	2.059	3.8	526,373	14	265
8/21/2025	21:00:00	7.3	2.706	3.5	526,400	13.9	266
8/21/2025	21:15:00	7.3	2.684	3.9	526,440	13.8	266
8/21/2025	21:30:00	7.4	2.157	3.3	526,462	14	266
8/21/2025	21:45:00	7.3	2.691	8.3	526,490	13.9	266
8/21/2025	22:00:00	7.4	2.207	4.5	526,514	13.9	268
8/21/2025	22:15:00	7.3	2.710	4.5	526,541	13.9	268
8/21/2025	22:30:00	7.4	2.706	7.2	526,570	14	268
8/21/2025	22:45:00	7.4	1.692	2.4	526,597	13.8	268
8/21/2025	23:00:00	7.4	2.786	8.2	526,633	13.8	268
8/21/2025	23:15:00	7.4	2.790	7	526,661	14	268
8/21/2025	23:45:00	7.4	2.873	7.5	526,724	13.9	268
8/22/2025	0:00:00	7.4	2.252	17.4	526,763	13.9	271
8/22/2025	0:15:00	7.4	2.248	3.7	526,795	14.1	271
8/22/2025	0:30:00	7.4	2.801	6.2	526,824	14.1	271
8/22/2025	0:45:00	7.4	2.347	20.7	526,858	14	271
8/22/2025	1:00:00	7.4	2.869	5.4	526,875	14.1	271
8/22/2025	1:15:00	7.4	2.858	5.1	526,905	13.9	272
8/22/2025	2:45:00	7.3	1.506	5.6	527,070	14.8	269
8/22/2025	3:00:00	7.4	2.752	5.6	527,097	14.9	268
8/22/2025	3:15:00	7.4	1.843	6.5	527,133	14.8	267
8/22/2025	3:30:00	7.4	1.874	1.3	527,167	14.6	269
8/22/2025	3:45:00	7.4	2.801	2.4	527,195	14.5	270



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/22/2025	4:00:00	7.4	2.782	1.4	527,233	14.2	272
8/22/2025	4:15:00	7.4	2.808	3.1	527,262	14.1	269
8/22/2025	4:30:00	7.4	2.275	1.3	527,303	14	272
8/22/2025	4:45:00	7.4	2.245	2.3	527,330	14.3	271
8/22/2025	5:00:00	7.4	2.831	1.1	527,367	14.6	269
8/22/2025	5:15:00	7.4	2.343	6.1	527,393	14.9	271
8/22/2025	5:30:00	7.4	2.316	0	527,419	15.2	273
8/22/2025	5:45:00	7.4	2.835	0.4	527,461	15	272
8/22/2025	6:00:00	7.4	2.843	1.1	527,487	15.1	272
8/22/2025	6:15:00	7.4	2.865	2.1	527,513	15.3	273
8/22/2025	7:00:00	7.4	2.831	2.4	527,607	15	273
8/22/2025	7:15:00	7.4	2.350	8.6	527,633	15.2	270
8/22/2025	7:30:00	7.4	2.320	1	527,657	15.4	272
8/22/2025	7:45:00	7.4	2.850	3.9	527,688	15.1	268
8/22/2025	8:00:00	7.4	2.839	6.1	527,713	15	268
8/22/2025	8:15:00	7.4	2.824	4.5	527,739	14.7	269
8/22/2025	8:30:00	7.4	2.347	2.3	527,769	14.4	269
8/22/2025	8:45:00	7.4	2.320	7.6	527,795	14.2	268
8/22/2025	9:00:00	7.3	2.839	2	527,824	14.1	272
8/22/2025	9:15:00	7.4	2.362	5.5	527,851	14.1	272
8/22/2025	9:30:00	7.4	2.290	2.3	527,880	14.2	272
8/22/2025	9:45:00	7.4	2.839	7.2	527,923	14	272
8/22/2025	10:00:00	7.4	2.850	5.6	527,951	14.2	272
8/22/2025	10:15:00	7.4	2.835	2.1	527,989	14.1	272



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/22/2025	11:00:00	7.4	2.737	3.1	528,070	14.5	275
8/22/2025	11:15:00	7.4	1.132	6.4	528,098	14.6	275
8/22/2025	11:45:00	7.4	2.888	2.3	528,166	14.5	274
8/22/2025	12:00:00	7.3	2.892	1.1	528,194	14.7	272
8/22/2025	12:15:00	7.4	2.911	7.3	528,222	14.9	272
8/22/2025	12:30:00	7.3	2.400	5	528,265	14.7	272
8/22/2025	12:45:00	7.3	2.366	7.8	528,292	14.8	271
8/22/2025	13:00:00	7.3	3.176	10.1	528,317	15.1	271
8/22/2025	13:30:00	7.4	0.348	16.1	528,355	14.8	270
8/22/2025	13:45:00	7.3	2.896	12.9	528,390	14.3	270
8/22/2025	14:00:00	7.4	0.390	8.4	528,413	14.3	272
8/22/2025	14:15:00	7.3	2.884	3.3	528,442	14.2	272
8/22/2025	14:30:00	7.3	2.403	5.6	528,466	14.6	272
8/22/2025	14:45:00	7.3	2.343	1.8	528,489	14.7	272
8/22/2025	15:00:00	7.3	2.880	2.8	528,520	14.5	269
8/22/2025	15:15:00	7.3	1.378	3.3	528,559	14.6	269
8/22/2025	15:30:00	7.3	2.865	4.1	528,588	14.6	269
8/22/2025	15:45:00	7.3	2.880	5.5	528,620	14.6	269
8/22/2025	16:00:00	7.3	2.877	6.6	528,659	14.5	269
8/22/2025	16:15:00	7.3	2.884	14.1	528,691	14.6	267
8/22/2025	16:30:00	7.3	2.388	12	528,734	14.6	267
8/22/2025	16:45:00	7.4	2.241	7.5	528,763	14.8	267
8/22/2025	17:00:00	7.3	3.085	12	528,789	14.5	267
8/22/2025	17:15:00	7.3	0.625	5.3	528,831	14.7	267



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/22/2025	17:30:00	7.3	0.352	10.2	528,854	14.9	271
8/22/2025	17:45:00	7.3	0.386	8.4	528,876	14.9	269
8/22/2025	18:00:00	7.2	2.903	4.7	528,915	14.7	269
8/22/2025	18:15:00	7.3	2.449	23.1	528,947	14.6	269
8/22/2025	18:30:00	7.3	2.967	11.9	528,971	15	269
8/22/2025	18:45:00	7.3	0.379	7.2	529,008	14.7	269
8/22/2025	19:00:00	7.3	2.937	9.4	529,042	14.6	269
8/22/2025	19:15:00	7.3	2.952	6	529,074	14.5	269
8/22/2025	19:30:00	7.3	2.964	4.9	529,106	14.8	268
8/22/2025	19:45:00	7.3	2.952	0	529,146	14.4	268
8/22/2025	20:00:00	7.3	2.937	0.9	529,176	14.5	270
8/22/2025	20:30:00	7.4	2.941	0	529,246	14.2	268
8/22/2025	21:00:00	7.5	0.447	0.5	529,315	14.2	268
8/22/2025	21:15:00	7.5	2.933	1.1	529,352	14	270
8/22/2025	21:30:00	7.5	2.941	1.5	529,382	14.1	272
8/22/2025	21:45:00	7.5	1.669	0.4	529,408	14.1	267
8/22/2025	22:00:00	7.4	2.702	0.6	529,443	14	267
8/22/2025	22:15:00	7.4	2.733	0.5	529,484	14	270
8/22/2025	22:30:00	7.4	2.222	1.5	529,509	14.2	268
8/22/2025	22:45:00	7.4	2.680	0.3	529,533	14.3	270
8/22/2025	23:00:00	7.4	2.343	0.5	529,563	14.2	268
8/22/2025	23:15:00	7.4	0.469	0.1	529,590	14.2	270
8/22/2025	23:30:00	7.4	2.752	0.2	529,631	13.9	268
8/22/2025	23:45:00	7.4	2.729	0.8	529,668	14	268



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/23/2025	0:00:00	7.3	2.903	0.2	529,697	13.9	268
8/23/2025	0:45:00	7.4	2.740	0	529,732	14.2	267
8/23/2025	1:00:00	7.4	2.195	0	529,757	14.8	263
8/23/2025	1:15:00	7.4	2.771	0	529,781	15.6	264
8/23/2025	1:30:00	7.4	2.763	0	529,807	15.8	264
8/23/2025	1:45:00	7.4	2.752	0	529,843	15.6	261
8/23/2025	2:00:00	7.4	2.774	1.7	529,871	15.4	263
8/23/2025	2:15:00	7.4	2.752	0.1	529,912	14.8	263
8/23/2025	2:30:00	7.4	2.483	1.7	529,946	14.8	266
8/23/2025	2:45:00	7.4	2.740	0	529,986	14.6	268
8/23/2025	3:00:00	7.4	2.184	0	530,009	14.9	266
8/23/2025	3:15:00	7.4	2.771	0.3	530,032	15.3	264
8/23/2025	3:30:00	7.4	2.782	0.7	530,059	15.4	264
8/23/2025	4:00:00	7.4	2.763	0	530,122	15.6	264
8/23/2025	4:15:00	7.4	2.752	0.5	530,153	15.6	262
8/23/2025	4:30:00	7.4	2.260	0.5	530,177	15.8	267
8/23/2025	5:00:00	7.4	2.195	3.5	530,244	15.2	267
8/23/2025	5:15:00	7.4	2.778	2.6	530,269	15.1	266
8/23/2025	5:30:00	7.4	2.740	1	530,310	14.8	266
8/23/2025	5:45:00	7.4	2.759	1	530,336	14.9	268
8/23/2025	6:00:00	7.4	2.767	1.8	530,363	14.7	266
8/23/2025	6:15:00	7.4	2.774	0.6	530,392	14.6	267
8/23/2025	6:30:00	7.4	2.033	0.7	530,417	14.5	267
8/23/2025	7:00:00	7.4	2.195	2.2	530,483	14.2	268



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/23/2025	7:15:00	7.4	2.801	1.5	530,510	14.3	269
8/23/2025	7:30:00	7.4	2.793	4.6	530,538	14.2	268
8/23/2025	7:45:00	7.5	2.165	3.1	530,570	14.2	270
8/23/2025	8:00:00	7.4	2.786	2.5	530,594	14.1	268
8/23/2025	8:15:00	7.4	2.755	0.7	530,635	13.8	268
8/23/2025	8:30:00	7.4	2.229	3.8	530,660	14.1	268
8/23/2025	8:45:00	7.4	2.782	1.6	530,685	14.2	267
8/23/2025	9:15:00	7.4	2.771	1.4	530,736	14.3	267
8/23/2025	9:30:00	7.4	2.774	1.6	530,766	14.2	267
8/23/2025	10:00:00	7.4	2.790	2.1	530,786	14.7	268
8/23/2025	10:15:00	7.4	2.665	0.5	530,827	14.4	268
8/23/2025	10:30:00	7.4	0.367	1.3	530,854	14.6	268
8/23/2025	10:45:00	7.4	2.782	1.1	530,892	14.6	268
8/23/2025	11:00:00	7.5	0.352	2.1	530,920	15.1	269
8/23/2025	11:15:00	7.4	0.348	1.1	530,944	15	267
8/23/2025	11:30:00	7.4	0.348	1	530,969	15	267
8/23/2025	11:45:00	7.4	0.360	2.6	530,993	15.1	269
8/23/2025	12:00:00	7.3	2.755	0.6	531,028	15	269
8/23/2025	13:00:00	7.4	0.000	0.2	531,038	15.6	271
8/23/2025	13:15:00	7.3	2.755	0.5	531,053	15.7	269
8/23/2025	13:30:00	7.3	2.737	0.8	531,079	15.5	272
8/23/2025	13:45:00	7.3	2.456	0.5	531,106	15.7	271
8/23/2025	14:00:00	7.3	2.755	0	531,143	15.3	271
8/23/2025	14:15:00	7.3	0.352	0	531,177	15.3	271



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/23/2025	14:30:00	7.3	2.241	1.2	531,209	15.5	269
8/23/2025	14:45:00	7.3	2.763	0.2	531,241	15.5	271
8/23/2025	15:00:00	7.3	2.188	0.6	531,280	15.7	271
8/23/2025	15:15:00	7.3	2.778	1	531,315	15.7	272
8/23/2025	15:30:00	7.3	2.737	0	531,356	15.6	272
8/23/2025	15:45:00	7.3	2.297	0.4	531,383	15.8	271
8/23/2025	16:00:00	7.3	2.748	0.7	531,403	15.7	271
8/23/2025	16:15:00	7.3	2.192	0	531,433	15.9	271
8/23/2025	16:30:00	7.3	2.245	0.5	531,467	15.7	272
8/23/2025	16:45:00	7.3	2.767	5.1	531,496	15.6	271
8/23/2025	17:00:00	7.2	1.204	8.6	531,529	15.3	269
8/23/2025	17:15:00	7.3	2.740	17.9	531,562	15.5	271
8/23/2025	17:30:00	7.2	2.752	12.1	531,591	15.4	271
8/23/2025	17:45:00	7.2	2.245	3.2	531,615	15.6	272
8/23/2025	18:00:00	7.3	2.551	4.4	531,642	15.5	269
8/23/2025	18:15:00	7.2	2.176	1.5	531,682	15.2	271
8/23/2025	18:30:00	7.3	2.233	6.2	531,708	15.6	271
8/23/2025	18:45:00	7.2	2.740	0.8	531,747	15.2	271
8/23/2025	19:00:00	7.3	2.176	2.9	531,773	15.4	271
8/23/2025	19:15:00	7.3	0.363	1.9	531,801	15.3	271
8/23/2025	19:30:00	7.2	2.748	2.1	531,840	15	271
8/23/2025	19:45:00	7.3	0.356	3.5	531,868	15.1	267
8/23/2025	20:00:00	7.7	2.570	4.1	531,901	16.1	267
8/23/2025	20:15:00	7.2	2.089	4.9	531,939	17	267



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/23/2025	20:30:00	7.2	2.108	3.6	531,963	17.6	269
8/23/2025	20:45:00	7.2	2.699	2.6	531,990	18.2	270
8/23/2025	21:00:00	7.2	2.097	1.4	532,027	18.7	271
8/23/2025	21:15:00	7.2	2.699	0.4	532,059	14.6	264
8/23/2025	21:30:00	7.3	2.691	0.5	532,100	14.5	267
8/23/2025	21:45:00	7.3	2.157	3.9	532,135	14.3	268
8/23/2025	22:00:00	7.3	2.676	1.4	532,171	14.2	268
8/23/2025	22:15:00	7.3	2.086	7.1	532,210	14.2	268
8/23/2025	22:30:00	7.3	0.507	1.1	532,242	14.2	269
8/23/2025	22:45:00	7.3	2.695	1.4	532,275	14.2	269
8/23/2025	23:00:00	7.3	2.093	1.8	532,311	14.2	268
8/23/2025	23:15:00	7.3	2.699	1.1	532,339	14.2	268
8/23/2025	23:30:00	7.3	2.672	2	532,378	14	270
8/23/2025	23:45:00	7.3	2.176	3.7	532,406	14.2	270
8/24/2025	0:00:00	7.3	2.680	1.6	532,442	14	268
8/24/2025	0:15:00	7.3	2.093	7.4	532,482	14	268
8/24/2025	0:30:00	7.3	2.165	3	532,506	14.2	268
8/24/2025	0:45:00	7.3	2.680	2.4	532,545	14	268
8/24/2025	1:00:00	7.3	0.640	3.5	532,582	14.2	269
8/24/2025	1:15:00	7.3	2.691	1.2	532,608	14.5	267
8/24/2025	1:30:00	7.3	2.695	1.7	532,637	15.2	264
8/24/2025	2:00:00	7.3	2.684	1.8	532,688	15.1	263
8/24/2025	2:15:00	7.3	2.104	8.4	532,728	14.9	266
8/24/2025	2:45:00	7.3	2.691	3.1	532,781	14.4	267



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/24/2025	3:15:00	7.3	2.695	2.1	532,841	14.3	269
8/24/2025	3:30:00	7.3	2.699	3.3	532,870	14.3	269
8/24/2025	4:15:00	7.3	2.112	1.1	532,914	14.9	267
8/24/2025	4:30:00	7.3	2.623	0.5	532,940	14.9	267
8/24/2025	4:45:00	7.3	2.597	0.8	532,979	15	263
8/24/2025	5:15:00	7.3	2.608	1.4	533,039	14.8	266
8/24/2025	5:30:00	7.3	2.040	1.5	533,075	14.8	268
8/24/2025	5:45:00	7.3	2.589	0.8	533,098	14.7	268
8/24/2025	6:00:00	7.3	2.593	1.5	533,137	14.5	267
8/24/2025	6:15:00	7.3	2.116	3.5	533,157	14.5	269
8/24/2025	6:30:00	7.3	2.540	1.4	533,179	14.6	271
8/24/2025	6:45:00	7.3	2.525	1.8	533,218	14.2	268
8/24/2025	7:00:00	7.3	2.112	1.1	533,240	14.2	270
8/24/2025	7:15:00	7.3	2.585	1.1	533,278	14.1	270
8/24/2025	7:30:00	7.3	2.029	1.3	533,298	14.3	270
8/24/2025	7:45:00	7.3	2.597	0.4	533,320	14	269
8/24/2025	8:00:00	7.3	2.578	0.8	533,359	13.8	268
8/24/2025	8:15:00	7.3	2.086	1.7	533,384	13.9	268
8/24/2025	8:30:00	7.3	2.566	1.1	533,418	13.7	267
8/24/2025	8:45:00	7.3	2.074	1.4	533,457	13.7	268
8/24/2025	9:00:00	7.3	2.074	1.6	533,478	13.8	266
8/24/2025	10:00:00	7.3	2.555	1.4	533,580	14.1	268
8/24/2025	10:30:00	7.5	2.937	3	533,588	14.3	267
8/24/2025	10:45:00	7.3	2.033	1.9	533,626	14.3	267



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/24/2025	11:00:00	7.5	2.040	1.8	533,647	14.6	270
8/24/2025	11:15:00	7.3	2.562	3.3	533,684	14.5	271
8/24/2025	11:30:00	7.3	2.010	0.7	533,719	14.7	271
8/24/2025	11:45:00	7.3	2.574	0.5	533,743	14.8	267
8/24/2025	12:00:00	7.3	2.551	12.4	533,782	14.8	269
8/24/2025	12:15:00	7.2	2.033	4.2	533,803	15.2	271
8/24/2025	12:30:00	7.2	2.551	4.3	533,823	15.2	271
8/24/2025	12:45:00	7.2	1.949	2.1	533,848	15.2	274
8/24/2025	13:00:00	7.2	2.078	2.2	533,867	15.3	274
8/24/2025	13:45:00	7.2	2.521	0.5	533,915	15.1	274
8/24/2025	14:00:00	7.2	2.525	0.6	533,941	15.2	274
8/24/2025	14:15:00	7.2	2.044	2.2	533,964	15.5	274
8/24/2025	14:30:00	7.2	2.570	1	533,984	15.5	276
8/24/2025	14:45:00	7.2	2.006	4.5	534,008	15.3	272
8/24/2025	15:00:00	7.2	2.033	4.2	534,031	15.5	272
8/24/2025	15:15:00	7.2	2.540	0.9	534,067	15.1	271
8/24/2025	15:30:00	7.2	1.991	0.6	534,103	15.2	271
8/24/2025	15:45:00	7.2	2.528	0.2	534,135	15.1	271
8/24/2025	16:00:00	7.2	2.509	1.1	534,173	15.1	272
8/24/2025	16:30:00	7.2	2.528	0.2	534,231	15.2	272
8/24/2025	16:45:00	7.2	1.968	2.5	534,269	15.2	272
8/24/2025	17:30:00	7.2	1.949	0.6	534,346	15.3	272
8/24/2025	18:00:00	7.2	2.521	0.6	534,359	15	269
8/24/2025	18:30:00	7.2	2.502	1	534,416	14.9	269



FRONTIER-KEMPER
MICHELS® joint venture

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

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/24/2025	18:45:00	7.2	1.938	5	534,454	14.8	269
8/24/2025	19:00:00	7.2	2.048	2.1	534,476	15.1	267
8/24/2025	19:15:00	7.2	2.706	6.6	534,512	14.8	267
8/24/2025	19:30:00	7.2	2.665	1.3	534,539	14.6	267
8/24/2025	19:45:00	7.2	2.642	1.6	534,579	14.5	267
8/24/2025	20:00:00	7.2	2.710	1.4	534,602	14.6	267
8/24/2025	20:15:00	7.2	2.710	0.7	534,638	14.4	267
8/24/2025	20:30:00	7.2	2.123	1.4	534,677	14.4	267
8/24/2025	21:00:00	7.2	2.710	0.6	534,743	14.3	267
8/24/2025	21:15:00	7.2	2.120	1.5	534,779	14.3	267
8/24/2025	21:30:00	7.3	2.702	0.9	534,815	14.3	269
8/24/2025	21:45:00	7.2	2.718	0.7	534,850	14.4	268
8/24/2025	22:00:00	7.2	2.706	0.5	534,886	14.3	269
8/24/2025	22:15:00	7.2	2.574	1.4	534,912	14.2	268
8/24/2025	22:30:00	7.2	2.184	2.8	534,950	14.2	268
8/24/2025	22:45:00	7.2	2.169	3	534,977	14.3	268
8/24/2025	23:00:00	7.2	2.755	0.9	535,017	14.1	268
8/24/2025	23:15:00	7.3	2.547	1.3	535,044	14.3	273
8/24/2025	23:30:00	7.2	2.759	0.9	535,082	14.1	273



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Table 3. In-Situ Parameters

Date	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
08/18/2025	12.9	9.71	120.0	0.07	7.46	127.5	3.09
08/19/2025	13.1	9.53	131.3	0.07	7.41	139.8	2.89
08/20/2025	13.6	9.68	113.7	0.07	7.66	58.6	4.06
08/21/2025	13.6	10.25	117.6	0.07	7.56	124.2	4.14
08/22/2025	14.5	10.07	122.7	0.07	7.94	114.7	4.07
08/23/2025	14.5	9.72	123.9	0.07	7.60	116.2	3.32
08/24/2025	13.4	9.93	117.8	0.07	7.59	119.7	2.22

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
08/19/2025	YSI	✓	✓	✓	✓
08/19/2025	WTP	✓	N/A	N/A	✓



FRONTIER-KEMPER
MICHELS® joint venture

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

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

APPENDIX A: WTP Log



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/18/2025	0:00:00	7.3	0.772	2.5	515,657	Open	13.3	271
8/18/2025	0:15:00	7.3	2.491	0.3	515,690	Open	13.2	271
8/18/2025	0:30:00	7.3	2.464	0.3	515,727	Open	13.2	271
8/18/2025	0:45:00	7.3	2.430	0.4	515,764	Open	13.2	271
8/18/2025	1:00:00	7.3	2.381	0.4	515,800	Open	13.2	271
8/18/2025	1:15:00	7.3	2.392	0.3	515,817	Open	13.3	274
8/18/2025	1:30:00	7.3	0.000	0.5	515,843	Closed	13.3	276
8/18/2025	1:45:00	7.3	0.961	0.5	515,864	Open	13.1	272
8/18/2025	2:00:00	7.3	2.528	0.4	515,899	Open	13	272
8/18/2025	2:30:00	7.3	1.188	2.1	515,971	Open	13	272
8/18/2025	2:45:00	7.3	2.464	0.5	516,001	Open	13.1	272
8/18/2025	3:00:00	7.3	2.411	0.5	516,038	Open	13	272
8/18/2025	3:15:00	7.3	2.570	0.6	516,070	Open	13	272
8/18/2025	3:30:00	7.3	2.494	0.5	516,108	Open	13	271
8/18/2025	3:45:00	7.3	1.877	0.5	516,129	Open	13.1	271
8/18/2025	4:00:00	7.3	2.483	0.4	516,162	Open	13	271
8/18/2025	4:15:00	7.3	1.821	0.4	516,197	Open	12.9	269
8/18/2025	4:30:00	7.3	2.506	0.4	516,222	Open	12.9	269
8/18/2025	4:45:00	7.3	2.430	0.5	516,256	Open	12.9	269
8/18/2025	5:00:00	7.3	2.502	0.5	516,281	Open	12.9	269
8/18/2025	5:15:00	7.3	1.976	0.6	516,315	Open	12.9	269
8/18/2025	5:30:00	7.4	0.643	0.6	516,342	Open	12.9	269
8/18/2025	5:45:00	7.4	2.532	0.5	516,378	Open	12.9	269
8/18/2025	6:00:00	7.3	1.927	2	516,400	Open	12.9	269



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/18/2025	6:15:00	7.3	2.532	0.5	516,435	Open	12.8	269
8/18/2025	6:30:00	7.4	2.566	0.5	516,462	Open	12.9	269
8/18/2025	6:45:00	7.3	2.570	0.6	516,494	Open	12.8	269
8/18/2025	7:00:00	7.4	2.407	0.5	516,521	Closed	12.9	269
8/18/2025	7:15:00	7.3	1.855	0.4	516,553	Open	13	267
8/18/2025	7:30:00	7.3	2.487	0.6	516,590	Open	12.8	267
8/18/2025	7:45:00	7.3	1.900	0.5	516,615	Open	12.9	269
8/18/2025	8:00:00	7.3	2.506	0.6	516,647	Open	12.8	269
8/18/2025	8:15:00	7.3	2.604	0.4	516,671	Open	12.8	267
8/18/2025	8:30:00	7.3	0.000	0.5	516,705	Closed	12.8	267
8/18/2025	8:45:00	7.3	1.961	0.5	516,724	Open	12.9	269
8/18/2025	9:00:00	7.4	2.570	0.7	516,751	Open	12.9	269
8/18/2025	9:15:00	7.4	1.355	1	516,767	Closed	12.9	271
8/18/2025	9:30:00	7.3	2.547	0.4	516,778	Open	13	274
8/18/2025	9:45:00	7.3	2.574	0.5	516,812	Open	13	274
8/18/2025	10:00:00	7.3	1.881	0.6	516,846	Open	13	274
8/18/2025	10:15:00	7.3	1.143	0.5	516,878	Open	13	274
8/18/2025	10:30:00	7.3	2.176	0.5	516,912	Open	13	276
8/18/2025	10:45:00	7.3	0.609	7	516,938	Open	13	276
8/18/2025	11:00:00	7.3	2.729	0.5	516,950	Closed	13.1	276
8/18/2025	11:15:00	7.3	1.998	1	516,958	Open	13.2	274
8/18/2025	11:30:00	7.3	2.721	0.6	516,977	Open	13.3	277
8/18/2025	11:45:00	7.3	0.299	0.5	517,004	Open	13.3	277
8/18/2025	12:00:00	7.3	2.691	0.4	517,037	Open	13.3	277
8/18/2025	12:15:00	7.3	2.653	0.4	517,067	Open	13.3	274



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/18/2025	12:30:00	7.3	0.284	0.5	517,098	Open	13.4	274
8/18/2025	12:45:00	7.3	2.619	0.3	517,131	Open	13.3	274
8/18/2025	13:00:00	7.3	1.927	0.3	517,170	Open	13.4	274
8/18/2025	13:15:00	7.7	1.794	107.5	517,202	Open	13.5	114
8/18/2025	13:30:00	7.3	2.608	0.5	517,227	Open	13.4	274
8/18/2025	13:45:00	7.3	2.661	0.4	517,250	Open	13.4	273
8/18/2025	14:00:00	7.3	2.600	0.4	517,274	Open	13.5	273
8/18/2025	14:15:00	7.3	1.980	0.6	517,310	Open	13.5	277
8/18/2025	14:30:00	7.3	2.157	0.3	517,339	Open	13.4	277
8/18/2025	14:45:00	7.3	1.904	0.4	517,374	Open	13.4	277
8/18/2025	15:00:00	7.3	2.551	0.2	517,401	Open	13.4	277
8/18/2025	15:15:00	7.3	0.530	0.8	517,426	Open	13.4	272
8/18/2025	15:30:00	7.4	1.961	0.3	517,459	Open	13.4	271
8/18/2025	15:45:00	7.3	1.911	0.2	517,492	Open	13.4	271
8/18/2025	16:00:00	7.3	2.426	0.6	517,506	Closed	13.4	271
8/18/2025	16:15:00	7.3	0.167	0.4	517,506	Open	13.5	271
8/18/2025	16:30:00	7.3	0.182	0.5	517,533	Open	13.5	271
8/18/2025	16:45:00	7.3	2.612	0.5	517,557	Open	13.6	271
8/18/2025	17:00:00	7.3	2.536	0.6	517,596	Open	13.7	269
8/18/2025	17:15:00	7.4	0.825	0.8	517,627	Open	13.9	269
8/18/2025	17:30:00	7.4	2.642	0.6	517,657	Open	13.7	269
8/18/2025	17:45:00	7.3	1.983	0.3	517,689	Open	13.9	269
8/18/2025	18:00:00	7.4	2.653	0.3	517,723	Open	13.9	271
8/18/2025	18:15:00	7.4	2.593	0.5	517,762	Open	13.9	272
8/18/2025	18:30:00	7.3	2.222	0.3	517,796	Open	13.9	271



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/18/2025	18:45:00	7.4	2.604	0.5	517,823	Open	14	271
8/18/2025	19:00:00	7.4	2.653	2.1	517,856	Open	14.1	271
8/18/2025	19:15:00	7.4	2.192	0.6	517,884	Open	14	271
8/18/2025	19:30:00	7.3	1.908	0.3	517,920	Open	13.9	271
8/18/2025	19:45:00	7.3	2.502	0.3	517,953	Open	13.6	269
8/18/2025	20:00:00	7.3	1.438	0.4	517,987	Open	13.5	268
8/18/2025	20:15:00	7.3	1.828	0.3	518,008	Open	13.6	268
8/18/2025	20:30:00	7.3	2.464	1	518,042	Open	13.5	268
8/18/2025	20:45:00	7.3	2.403	0.4	518,068	Open	13.6	271
8/18/2025	21:00:00	7.3	2.544	1.9	518,099	Open	13.6	274
8/18/2025	21:15:00	7.3	2.513	2.9	518,119	Open	13.6	274
8/18/2025	21:30:00	7.3	2.547	3.5	518,157	Open	13.6	276
8/18/2025	21:45:00	7.3	1.650	4.6	518,178	Open	13.6	276
8/18/2025	22:00:00	7.3	2.536	3.4	518,206	Open	13.6	273
8/18/2025	22:15:00	7.3	2.506	5.3	518,244	Open	13.6	273
8/18/2025	22:30:00	7.3	0.000	8.6	518,274	Closed	13.7	273
8/18/2025	22:45:00	7.3	0.613	8.7	518,302	Closed	13.7	273
8/18/2025	23:00:00	7.3	1.472	4.5	518,309	Open	13.6	276
8/18/2025	23:15:00	7.3	2.494	2.5	518,335	Open	13.7	278
8/18/2025	23:30:00	7.3	2.494	2.6	518,372	Open	13.8	274
8/18/2025	23:45:00	7.3	2.040	7.3	518,409	Open	14	276
8/19/2025	0:00:00	7.3	2.498	2.4	518,434	Open	14.2	274
8/19/2025	0:15:00	7.3	2.014	4.7	518,470	Open	14.3	274
8/19/2025	0:30:00	7.3	0.231	1.5	518,491	Closed	14.4	276
8/19/2025	0:45:00	7.3	2.506	2.6	518,522	Open	14.4	276



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/19/2025	1:00:00	7.3	2.456	1.4	518,550	Open	14.4	276
8/19/2025	1:15:00	7.3	2.453	2.1	518,583	Open	14.4	276
8/19/2025	1:30:00	7.3	0.132	3.1	518,610	Closed	14.6	274
8/19/2025	1:45:00	7.3	1.991	8.3	518,643	Open	14.4	274
8/19/2025	2:00:00	7.3	1.911	5.7	518,651	Open	14.5	274
8/19/2025	2:15:00	7.3	2.460	6.3	518,683	Open	14.4	274
8/19/2025	2:30:00	7.3	0.000	1.5	518,710	Closed	14.6	274
8/19/2025	2:45:00	7.3	2.460	1.5	518,740	Open	14.5	274
8/19/2025	3:00:00	7.3	2.362	2.1	518,777	Open	14.5	274
8/19/2025	3:15:00	7.3	1.911	2.3	518,798	Open	14.6	274
8/19/2025	3:30:00	7.2	2.460	2.3	518,834	Open	14.5	274
8/19/2025	3:45:00	7.2	1.934	12.8	518,869	Open	14.7	273
8/19/2025	4:00:00	7.3	2.472	0.9	518,890	Open	14.8	274
8/19/2025	4:15:00	7.3	2.445	1.5	518,927	Open	14.8	275
8/19/2025	4:30:00	7.3	2.453	1.8	518,958	Open	14.9	272
8/19/2025	4:45:00	7.3	0.125	1.4	518,991	Closed	15	269
8/19/2025	5:00:00	7.3	1.957	1.2	519,017	Open	15.2	269
8/19/2025	5:15:00	7.3	0.000	0.3	519,044	Closed	15.3	271
8/19/2025	5:30:00	7.3	1.980	3.1	519,073	Open	15.3	271
8/19/2025	5:45:00	7.3	2.021	2	519,106	Open	15.3	271
8/19/2025	6:00:00	7.3	2.464	1.6	519,141	Open	15.2	271
8/19/2025	6:15:00	7.3	2.460	0.7	519,173	Open	15.2	272
8/19/2025	6:30:00	7.3	2.441	2	519,207	Open	15.1	268
8/19/2025	6:45:00	7.3	0.136	0.2	519,233	Closed	15	271
8/19/2025	7:00:00	7.3	2.774	2.8	519,271	Open	14.4	269



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/19/2025	7:15:00	7.3	2.237	7.4	519,297	Open	14.2	269
8/19/2025	7:30:00	7.3	2.790	2	519,323	Open	14	270
8/19/2025	7:45:00	7.3	2.994	8.9	519,350	Open	14.1	270
8/19/2025	8:00:00	7.3	2.755	2.8	519,391	Open	13.7	268
8/19/2025	8:15:00	7.3	2.752	3.3	519,417	Open	13.6	267
8/19/2025	8:30:00	7.3	2.767	1.7	519,441	Open	13.6	266
8/19/2025	8:45:00	7.3	2.759	2.2	519,467	Open	13.5	267
8/19/2025	9:00:00	7.3	0.000	3.6	519,485	Closed	13.6	266
8/19/2025	9:15:00	7.3	2.763	1.9	519,515	Open	13.5	266
8/19/2025	9:30:00	7.3	0.428	4.3	519,546	Open	13.5	266
8/19/2025	9:45:00	7.3	2.460	5.9	519,572	Open	13.5	268
8/19/2025	10:00:00	7.3	2.763	2.7	519,602	Open	13.5	268
8/19/2025	10:15:00	7.3	2.763	11.2	519,633	Open	13.7	268
8/19/2025	10:30:00	7.3	0.386	0.8	519,661	Open	13.7	268
8/19/2025	10:45:00	7.3	2.721	1.9	519,699	Open	13.6	270
8/19/2025	11:00:00	7.3	0.382	1	519,731	Open	13.7	270
8/19/2025	11:15:00	7.3	2.759	3.7	519,769	Open	13.6	269
8/19/2025	11:30:00	7.3	0.291	2.2	519,805	Open	13.6	269
8/19/2025	11:45:00	7.3	0.643	3	519,833	Open	13.6	271
8/19/2025	12:00:00	7.3	0.636	2.6	519,861	Open	13.6	271
8/19/2025	12:15:00	7.3	2.752	3.7	519,887	Open	13.6	271
8/19/2025	12:30:00	7.3	2.608	3.7	519,905	Closed	13.6	271
8/19/2025	12:45:00	7.4	0.905	4.6	519,905	Closed	13.6	273
8/19/2025	13:00:00	7.4	2.070	11.4	519,919	Open	13.7	273
8/19/2025	13:15:00	7.3	2.778	4.5	519,940	Open	13.7	273



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/19/2025	13:30:00	7.3	0.409	4.1	519,979	Closed	13.7	273
8/19/2025	13:45:00	7.3	2.755	10.6	520,004	Open	13.8	271
8/19/2025	14:00:00	7.3	2.892	3.5	520,036	Open	13.7	269
8/19/2025	14:15:00	7.3	0.000	5.8	520,058	Open	14.2	269
8/19/2025	14:30:00	7.3	2.850	4.2	520,089	Open	13.8	269
8/19/2025	14:45:00	7.3	0.405	1.6	520,118	Open	13.9	273
8/19/2025	15:00:00	7.3	2.146	4.7	520,144	Open	13.9	273
8/19/2025	15:15:00	7.3	2.812	5.8	520,183	Open	13.7	273
8/19/2025	15:30:00	7.4	2.824	10.9	520,215	Open	13.9	273
8/19/2025	15:45:00	7.4	2.824	11.3	520,252	Open	13.9	273
8/19/2025	16:00:00	7.4	2.839	6.9	520,284	Open	13.9	273
8/19/2025	16:15:00	7.4	1.612	5	520,314	Open	13.8	273
8/19/2025	16:30:00	7.4	2.755	2.9	520,348	Open	13.8	273
8/19/2025	16:45:00	7.4	0.413	1.5	520,382	Open	13.9	273
8/19/2025	17:00:00	7.4	2.286	4.7	520,415	Open	13.9	271
8/19/2025	17:15:00	7.4	2.771	2.8	520,445	Open	13.8	269
8/19/2025	17:30:00	7.4	0.390	1.1	520,470	Open	14	269
8/19/2025	17:45:00	7.4	0.413	1.6	520,492	Open	14	269
8/19/2025	18:00:00	7.3	2.748	1.9	520,532	Open	13.7	269
8/19/2025	18:15:00	7.4	2.290	3.8	520,560	Open	13.8	273
8/19/2025	18:30:00	7.4	2.051	4.2	520,590	Open	13.7	271
8/19/2025	18:45:00	7.3	2.475	5.9	520,630	Open	13.7	273
8/19/2025	19:00:00	7.3	0.549	2.4	520,666	Open	13.7	273
8/19/2025	19:15:00	7.3	2.759	2.1	520,698	Open	13.7	271
8/19/2025	19:30:00	7.4	2.025	2.8	520,726	Closed	13.8	271



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/19/2025	19:45:00	7.3	2.721	1.9	520,762	Open	13.6	269
8/19/2025	20:00:00	7.3	2.729	1.9	520,790	Open	13.5	269
8/19/2025	20:15:00	7.3	2.282	5	520,814	Open	13.6	269
8/19/2025	20:30:00	7.3	2.104	0.9	520,840	Closed	13.5	268
8/19/2025	20:45:00	7.3	2.154	4	520,879	Open	13.4	268
8/19/2025	21:00:00	7.3	2.195	2.2	520,903	Open	13.4	268
8/19/2025	21:15:00	7.3	1.927	1.2	520,937	Open	13.5	268
8/19/2025	21:30:00	7.3	2.051	3.3	520,956	Open	13.4	268
8/19/2025	21:45:00	7.3	2.714	1.7	520,986	Open	13.4	269
8/19/2025	22:00:00	7.4	2.161	4.9	521,011	Open	13.6	269
8/19/2025	22:15:00	7.4	2.733	1.4	521,034	Open	13.6	269
8/19/2025	22:30:00	7.3	1.764	1.7	521,075	Open	13.4	269
8/19/2025	22:45:00	7.3	0.000	1.7	521,091	Closed	13.5	269
8/19/2025	23:00:00	7.3	0.000	2.6	521,119	Closed	13.4	271
8/19/2025	23:15:00	7.3	0.000	5.8	521,150	Closed	13.4	271
8/19/2025	23:30:00	7.3	0.000	2.6	521,170	Closed	13.4	271
8/19/2025	23:45:00	7.3	2.725	2.4	521,206	Open	13.3	271
8/20/2025	0:00:00	7.3	2.241	2.9	521,232	Open	13.7	271
8/20/2025	0:15:00	7.3	2.737	3.4	521,257	Open	13.9	268
8/20/2025	0:30:00	7.3	2.176	4.6	521,298	Open	14	269
8/20/2025	0:45:00	7.3	0.000	2.3	521,321	Closed	14.2	269
8/20/2025	1:00:00	7.3	2.733	3.7	521,349	Open	14.1	269
8/20/2025	1:15:00	7.3	2.165	10	521,377	Open	14.5	269
8/20/2025	1:30:00	7.3	2.721	1.8	521,412	Open	14.3	269
8/20/2025	1:45:00	7.4	2.733	4.8	521,442	Open	14.3	268



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/20/2025	2:00:00	7.4	2.233	6.6	521,478	Open	14.3	268
8/20/2025	2:15:00	7.4	2.737	3.7	521,506	Open	14.3	267
8/20/2025	2:30:00	7.4	2.176	3.3	521,546	Open	14.3	265
8/20/2025	2:45:00	7.4	2.468	1.3	521,571	Open	14.4	267
8/20/2025	3:00:00	7.4	2.733	1.4	521,599	Open	14.4	265
8/20/2025	3:15:00	7.4	2.165	1.6	521,628	Open	14.7	268
8/20/2025	3:30:00	7.4	2.748	0.4	521,649	Open	14.9	270
8/20/2025	3:45:00	7.4	2.740	0.1	521,676	Open	14.5	268
8/20/2025	4:00:00	7.4	2.131	0.6	521,702	Closed	14.7	268
8/20/2025	4:15:00	7.5	0.000	0.1	521,737	Closed	14.5	273
8/20/2025	4:30:00	7.5	2.180	1.9	521,765	Open	14.4	273
8/20/2025	4:45:00	7.5	2.245	2.5	521,790	Open	14.4	273
8/20/2025	5:00:00	7.4	2.721	2.1	521,829	Open	14.2	269
8/20/2025	5:15:00	7.4	2.188	2.1	521,856	Open	14.1	271
8/20/2025	5:30:00	7.3	2.631	2.8	521,880	Open	14.2	271
8/20/2025	5:45:00	7.2	2.725	2.1	521,921	Open	13.8	272
8/20/2025	6:00:00	7.2	0.000	2.1	521,946	Closed	13.8	275
8/20/2025	6:15:00	7.2	0.000	2	521,966	Closed	13.8	275
8/20/2025	6:30:00	7.2	0.969	2.2	521,997	Closed	13.6	273
8/20/2025	6:45:00	7.3	2.721	2.7	522,024	Open	13.5	273
8/20/2025	7:00:00	7.3	2.718	3.5	522,052	Open	13.5	271
8/20/2025	7:15:00	7.3	2.718	3.1	522,081	Open	13.4	271
8/20/2025	7:30:00	7.3	0.000	1	522,108	Closed	13.5	271
8/20/2025	7:45:00	7.3	2.699	2.5	522,147	Open	13.2	269
8/20/2025	8:00:00	7.3	2.706	3	522,169	Open	13.2	269



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/20/2025	8:15:00	7.3	2.687	2.8	522,210	Open	13	268
8/20/2025	8:30:00	7.4	2.725	7	522,237	Open	13.2	269
8/20/2025	8:45:00	7.4	0.000	2	522,268	Closed	13.1	269
8/20/2025	9:00:00	7.4	0.000	1.1	522,294	Closed	13.2	269
8/20/2025	9:15:00	7.4	0.000	0.7	522,313	Closed	13.3	269
8/20/2025	9:30:00	7.4	0.000	1.2	522,346	Closed	13.2	269
8/20/2025	9:45:00	7.4	2.449	3.4	522,372	Open	13.3	269
8/20/2025	10:00:00	7.4	2.721	2.9	522,394	Open	13.4	269
8/20/2025	10:15:00	7.4	2.725	3	522,423	Open	13.4	269
8/20/2025	10:30:00	7.4	2.718	2.5	522,459	Open	13.5	271
8/20/2025	10:45:00	7.4	2.721	2.1	522,483	Open	13.5	271
8/20/2025	11:00:00	7.4	2.729	2.1	522,510	Open	13.6	269
8/20/2025	11:15:00	7.4	2.044	5.7	522,535	Open	13.7	269
8/20/2025	11:30:00	7.4	2.718	1.4	522,574	Open	13.6	268
8/20/2025	11:45:00	7.4	2.188	2.1	522,599	Open	13.7	268
8/20/2025	12:00:00	7.4	2.744	2.6	522,624	Open	13.7	268
8/20/2025	12:15:00	7.4	0.000	0.9	522,654	Closed	13.8	268
8/20/2025	12:30:00	7.4	2.740	7.7	522,669	Open	14.1	268
8/20/2025	12:45:00	7.4	2.725	1.8	522,694	Open	13.9	268
8/20/2025	13:00:00	7.4	2.725	2	522,718	Open	13.9	268
8/20/2025	13:15:00	7.4	2.248	2.4	522,743	Open	13.9	265
8/20/2025	13:30:00	7.4	0.000	1.4	522,776	Closed	13.9	264
8/20/2025	13:45:00	7.4	2.195	2.3	522,807	Open	13.9	266
8/20/2025	14:00:00	7.4	2.721	2.3	522,842	Open	14	266
8/20/2025	14:15:00	7.4	2.740	1.7	522,871	Open	14	267



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/20/2025	14:30:00	7.4	0.000	1.4	522,900	Closed	14.2	267
8/20/2025	14:45:00	7.4	0.000	0.9	522,928	Closed	14.1	267
8/20/2025	15:00:00	7.4	2.721	3.2	522,958	Open	14.1	267
8/20/2025	15:15:00	7.4	2.226	2	522,982	Open	14.2	267
8/20/2025	15:30:00	7.4	2.721	1.5	523,021	Open	14.1	267
8/20/2025	15:45:00	7.4	0.000	1.7	523,052	Closed	14.2	267
8/20/2025	16:00:00	7.4	0.000	3.3	523,082	Closed	14.1	267
8/20/2025	16:15:00	7.4	2.725	2.5	523,113	Open	14	263
8/20/2025	16:30:00	7.4	2.498	4	523,140	Open	14.2	267
8/20/2025	16:45:00	7.4	2.646	6.2	523,164	Closed	14.1	263
8/20/2025	17:00:00	7.4	2.744	14.8	523,192	Open	14.1	263
8/20/2025	17:15:00	7.4	2.248	13.5	523,216	Open	14	263
8/20/2025	17:30:00	7.4	0.000	8.6	523,244	Closed	14	263
8/20/2025	17:45:00	7.5	2.668	37.4	523,271	Closed	14.1	116
8/20/2025	18:00:00	7.3	2.824	8.4	523,298	Open	13.9	266
8/20/2025	18:15:00	7.3	2.305	12.5	523,326	Open	13.7	266
8/20/2025	18:30:00	7.3	2.362	18.1	523,352	Open	13.8	266
8/20/2025	18:45:00	7.3	2.922	20	523,381	Open	13.7	263
8/20/2025	19:00:00	7.3	0.829	42.8	523,402	Closed	13.9	114
8/20/2025	19:15:00	7.3	2.536	28.2	523,402	Closed	13.6	263
8/20/2025	19:30:00	7.4	1.635	17.2	523,430	Open	13.4	263
8/20/2025	19:45:00	7.3	2.619	8	523,456	Open	13.8	266
8/20/2025	20:00:00	7.3	3.089	20.3	523,499	Open	13.4	264
8/20/2025	20:15:00	7.5	2.721	1.4	523,531	Open	13.3	263
8/20/2025	20:30:00	7.4	1.313	21.6	523,564	Open	13.4	263



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/20/2025	20:45:00	7.4	1.734	6.5	523,589	Open	13.3	266
8/20/2025	21:00:00	7.6	0.367	0.8	523,618	Open	13.2	269
8/20/2025	21:15:00	7.5	0.712	1.5	523,657	Open	13.3	272
8/20/2025	21:30:00	7.5	2.176	1.8	523,682	Open	13.4	272
8/20/2025	21:45:00	7.5	2.835	1.8	523,710	Open	13.3	274
8/20/2025	22:00:00	7.5	2.820	1.2	523,752	Open	13.2	274
8/20/2025	22:15:00	7.5	2.089	3.9	523,776	Open	13.3	274
8/20/2025	22:30:00	7.5	2.737	1.9	523,803	Open	13.3	274
8/20/2025	22:45:00	7.4	2.146	3.5	523,831	Open	13.3	274
8/20/2025	23:00:00	7.4	2.771	2	523,860	Open	13.2	272
8/20/2025	23:15:00	7.4	2.748	3.1	523,901	Open	13.2	272
8/20/2025	23:30:00	7.3	2.180	4.3	523,925	Open	13.3	272
8/20/2025	23:45:00	7.4	0.503	1.8	523,946	Open	13.2	271
8/21/2025	0:00:00	7.4	0.553	7.2	523,969	Open	13.2	271
8/21/2025	0:15:00	7.3	2.771	4.1	523,996	Open	13.2	271
8/21/2025	0:30:00	7.3	2.759	4	524,027	Open	13.2	271
8/21/2025	0:45:00	7.3	2.131	12.8	524,065	Open	13.2	271
8/21/2025	1:00:00	7.3	2.755	3.7	524,092	Open	13.2	271
8/21/2025	1:15:00	7.3	2.737	3.6	524,133	Open	13.2	271
8/21/2025	1:30:00	7.3	2.210	6.8	524,159	Open	13.3	271
8/21/2025	1:45:00	7.3	2.763	2.8	524,185	Open	13.3	271
8/21/2025	2:00:00	7.3	2.366	3.4	524,226	Open	13.2	271
8/21/2025	2:15:00	7.3	2.759	2.9	524,252	Open	13.3	268
8/21/2025	2:30:00	7.3	2.744	4.7	524,283	Open	13.4	267
8/21/2025	2:45:00	7.4	0.310	17.2	524,316	Open	13.7	269



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/21/2025	3:00:00	7.4	0.401	6.2	524,334	Open	14	269
8/21/2025	3:15:00	7.4	0.632	4.2	524,373	Open	13.9	269
8/21/2025	3:30:00	7.4	2.430	3.6	524,400	Open	14.1	268
8/21/2025	3:45:00	7.4	2.755	5.3	524,429	Open	14.2	267
8/21/2025	4:00:00	7.5	0.360	1.7	524,462	Open	14.4	268
8/21/2025	4:15:00	7.5	0.375	0.9	524,486	Open	14.6	268
8/21/2025	4:30:00	7.4	2.740	1.7	524,524	Open	14.4	268
8/21/2025	4:45:00	7.4	2.131	3.7	524,553	Open	14.5	268
8/21/2025	5:00:00	7.4	2.763	1.4	524,580	Open	14.5	268
8/21/2025	5:15:00	7.5	0.367	3	524,612	Open	14.7	270
8/21/2025	5:30:00	7.4	0.326	7.3	524,640	Open	14.6	268
8/21/2025	5:45:00	7.4	2.748	1	524,676	Open	14.4	267
8/21/2025	6:00:00	7.4	2.271	2.4	524,706	Open	14.5	265
8/21/2025	6:15:00	7.4	2.763	5.8	524,732	Open	14.9	270
8/21/2025	6:30:00	7.5	0.632	0.4	524,772	Open	14.5	268
8/21/2025	6:45:00	7.4	2.127	3	524,801	Open	14.6	270
8/21/2025	7:00:00	7.4	2.748	1.7	524,830	Open	14.5	268
8/21/2025	7:15:00	7.5	0.326	0.8	524,866	Open	14.4	268
8/21/2025	7:30:00	7.5	0.394	4.7	524,889	Open	14.5	266
8/21/2025	7:45:00	7.4	2.740	1.4	524,928	Open	14.1	267
8/21/2025	8:00:00	7.4	2.260	2.2	524,957	Open	14	266
8/21/2025	8:15:00	7.4	2.763	3	524,983	Open	14	269
8/21/2025	8:30:00	7.4	2.755	1.2	525,009	Open	14.1	268
8/21/2025	8:45:00	7.4	2.188	7.9	525,014	Closed	13.8	270
8/21/2025	9:00:00	7.5	0.431	4.3	525,014	Closed	14.2	272



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/21/2025	9:15:00	7.5	0.363	3.6	525,039	Closed	14	272
8/21/2025	9:30:00	7.5	0.379	2.5	525,054	Closed	14.1	272
8/21/2025	9:45:00	7.4	2.729	3.4	525,091	Open	13.8	268
8/21/2025	10:00:00	7.4	2.241	2.5	525,115	Open	13.9	268
8/21/2025	10:15:00	7.4	2.547	2.2	525,136	Closed	14	268
8/21/2025	10:30:00	7.4	2.733	2.6	525,177	Open	13.9	268
8/21/2025	10:45:00	7.4	2.089	8.5	525,198	Open	14	268
8/21/2025	11:00:00	7.3	2.759	4.5	525,220	Open	14.2	268
8/21/2025	11:15:00	7.3	2.755	4.5	525,244	Open	14.3	268
8/21/2025	11:30:00	7.3	2.199	2.4	525,268	Open	14.3	270
8/21/2025	11:45:00	7.3	2.744	2.5	525,295	Open	14.2	268
8/21/2025	12:00:00	7.3	2.275	4.3	525,320	Open	14.3	268
8/21/2025	12:15:00	7.4	0.212	1.4	525,347	Closed	14.5	268
8/21/2025	12:30:00	7.3	2.744	3	525,381	Open	14.4	268
8/21/2025	12:45:00	7.3	2.108	20.3	525,408	Open	14.6	267
8/21/2025	13:00:00	7.3	2.774	1.3	525,432	Open	14.7	267
8/21/2025	13:15:00	7.3	2.763	4.2	525,462	Open	14.6	267
8/21/2025	13:30:00	7.3	2.210	4.3	525,497	Open	14.6	267
8/21/2025	13:45:00	7.3	2.748	0.5	525,524	Open	14.6	267
8/21/2025	14:00:00	7.4	0.042	1.4	525,544	Closed	14.6	267
8/21/2025	14:15:00	7.3	2.744	2.4	525,567	Open	14.6	267
8/21/2025	14:30:00	7.3	2.752	2.4	525,597	Open	14.6	267
8/21/2025	14:45:00	7.3	2.165	4.9	525,635	Open	14.6	267
8/21/2025	15:00:00	7.3	2.763	2	525,663	Open	14.5	267
8/21/2025	15:15:00	7.3	2.748	6.6	525,705	Open	14.5	267



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/21/2025	15:30:00	7.3	2.214	2.8	525,740	Open	14.7	267
8/21/2025	15:45:00	7.4	2.687	2.3	525,769	Open	14.9	267
8/21/2025	16:00:00	7.4	0.000	2.4	525,806	Closed	14.7	268
8/21/2025	16:15:00	7.4	0.144	2.9	525,820	Closed	14.9	268
8/21/2025	16:30:00	7.4	2.737	4.5	525,855	Open	14.7	268
8/21/2025	16:45:00	7.4	0.132	8.3	525,886	Closed	14.8	270
8/21/2025	17:00:00	7.4	2.740	6.3	525,920	Open	14.7	270
8/21/2025	17:15:00	7.3	2.737	4.7	525,950	Open	14.7	270
8/21/2025	17:30:00	7.4	2.226	8.3	525,975	Open	14.8	270
8/21/2025	17:45:00	7.3	2.744	4.5	526,016	Open	14.6	270
8/21/2025	18:00:00	7.4	2.017	4.6	526,045	Open	14.8	270
8/21/2025	18:15:00	7.3	2.759	2.4	526,079	Open	14.6	270
8/21/2025	18:30:00	7.4	0.000	3.5	526,118	Closed	14.6	270
8/21/2025	18:45:00	7.3	2.169	10.1	526,147	Open	14.6	270
8/21/2025	19:00:00	7.4	2.755	4.9	526,185	Open	14.5	270
8/21/2025	19:15:00	7.3	2.752	8.2	526,215	Open	14.5	270
8/21/2025	19:30:00	7.4	2.055	18.8	526,239	Open	14.6	272
8/21/2025	19:45:00	7.3	2.767	3	526,264	Open	14.4	268
8/21/2025	20:00:00	7.3	2.271	7.4	526,291	Open	14.4	269
8/21/2025	20:15:00	7.4	0.000	2.5	526,316	Closed	14.1	267
8/21/2025	20:30:00	7.3	0.000	1.3	526,346	Closed	14	264
8/21/2025	20:45:00	7.3	2.059	3.8	526,373	Open	14	265
8/21/2025	21:00:00	7.3	2.706	3.5	526,400	Open	13.9	266
8/21/2025	21:15:00	7.3	2.684	3.9	526,440	Open	13.8	266
8/21/2025	21:30:00	7.4	2.157	3.3	526,462	Open	14	266



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/21/2025	21:45:00	7.3	2.691	8.3	526,490	Open	13.9	266
8/21/2025	22:00:00	7.4	2.207	4.5	526,514	Open	13.9	268
8/21/2025	22:15:00	7.3	2.710	4.5	526,541	Open	13.9	268
8/21/2025	22:30:00	7.4	2.706	7.2	526,570	Open	14	268
8/21/2025	22:45:00	7.4	1.692	2.4	526,597	Open	13.8	268
8/21/2025	23:00:00	7.4	2.786	8.2	526,633	Open	13.8	268
8/21/2025	23:15:00	7.4	2.790	7	526,661	Open	14	268
8/21/2025	23:30:00	7.4	0.829	12.4	526,700	Closed	13.9	271
8/21/2025	23:45:00	7.4	2.873	7.5	526,724	Open	13.9	268
8/22/2025	0:00:00	7.4	2.252	17.4	526,763	Open	13.9	271
8/22/2025	0:15:00	7.4	2.248	3.7	526,795	Open	14.1	271
8/22/2025	0:30:00	7.4	2.801	6.2	526,824	Open	14.1	271
8/22/2025	0:45:00	7.4	2.347	20.7	526,858	Open	14	271
8/22/2025	1:00:00	7.4	2.869	5.4	526,875	Open	14.1	271
8/22/2025	1:15:00	7.4	2.858	5.1	526,905	Open	13.9	272
8/22/2025	1:30:00	7.4	1.953	11.3	526,934	Closed	13.8	272
8/22/2025	1:45:00	7.4	2.634	2.1	526,959	Closed	13.8	272
8/22/2025	2:00:00	7.3	0.000	4.5	526,999	Closed	13.9	270
8/22/2025	2:15:00	7.4	0.000	3.9	527,020	Closed	14.5	268
8/22/2025	2:30:00	7.4	0.000	1.8	527,048	Closed	14.7	268
8/22/2025	2:45:00	7.3	1.506	5.6	527,070	Open	14.8	269
8/22/2025	3:00:00	7.4	2.752	5.6	527,097	Open	14.9	268
8/22/2025	3:15:00	7.4	1.843	6.5	527,133	Open	14.8	267
8/22/2025	3:30:00	7.4	1.874	1.3	527,167	Open	14.6	269
8/22/2025	3:45:00	7.4	2.801	2.4	527,195	Open	14.5	270



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/22/2025	4:00:00	7.4	2.782	1.4	527,233	Open	14.2	272
8/22/2025	4:15:00	7.4	2.808	3.1	527,262	Open	14.1	269
8/22/2025	4:30:00	7.4	2.275	1.3	527,303	Open	14	272
8/22/2025	4:45:00	7.4	2.245	2.3	527,330	Open	14.3	271
8/22/2025	5:00:00	7.4	2.831	1.1	527,367	Open	14.6	269
8/22/2025	5:15:00	7.4	2.343	6.1	527,393	Open	14.9	271
8/22/2025	5:30:00	7.4	2.316	0	527,419	Open	15.2	273
8/22/2025	5:45:00	7.4	2.835	0.4	527,461	Open	15	272
8/22/2025	6:00:00	7.4	2.843	1.1	527,487	Open	15.1	272
8/22/2025	6:15:00	7.4	2.865	2.1	527,513	Open	15.3	273
8/22/2025	6:30:00	7.5	0.000	0.3	527,547	Closed	15	272
8/22/2025	6:45:00	7.4	0.000	1	527,575	Closed	15	273
8/22/2025	7:00:00	7.4	2.831	2.4	527,607	Open	15	273
8/22/2025	7:15:00	7.4	2.350	8.6	527,633	Open	15.2	270
8/22/2025	7:30:00	7.4	2.320	1	527,657	Open	15.4	272
8/22/2025	7:45:00	7.4	2.850	3.9	527,688	Open	15.1	268
8/22/2025	8:00:00	7.4	2.839	6.1	527,713	Open	15	268
8/22/2025	8:15:00	7.4	2.824	4.5	527,739	Open	14.7	269
8/22/2025	8:30:00	7.4	2.347	2.3	527,769	Open	14.4	269
8/22/2025	8:45:00	7.4	2.320	7.6	527,795	Open	14.2	268
8/22/2025	9:00:00	7.3	2.839	2	527,824	Open	14.1	272
8/22/2025	9:15:00	7.4	2.362	5.5	527,851	Open	14.1	272
8/22/2025	9:30:00	7.4	2.290	2.3	527,880	Open	14.2	272
8/22/2025	9:45:00	7.4	2.839	7.2	527,923	Open	14	272
8/22/2025	10:00:00	7.4	2.850	5.6	527,951	Open	14.2	272



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/22/2025	10:15:00	7.4	2.835	2.1	527,989	Open	14.1	272
8/22/2025	10:30:00	7.4	0.000	2.1	528,021	Closed	14.2	272
8/22/2025	10:45:00	7.4	0.000	2.9	528,048	Closed	14.4	273
8/22/2025	11:00:00	7.4	2.737	3.1	528,070	Open	14.5	275
8/22/2025	11:15:00	7.4	1.132	6.4	528,098	Open	14.6	275
8/22/2025	11:30:00	7.4	0.000	0	528,130	Closed	14.5	273
8/22/2025	11:45:00	7.4	2.888	2.3	528,166	Open	14.5	274
8/22/2025	12:00:00	7.3	2.892	1.1	528,194	Open	14.7	272
8/22/2025	12:15:00	7.4	2.911	7.3	528,222	Open	14.9	272
8/22/2025	12:30:00	7.3	2.400	5	528,265	Open	14.7	272
8/22/2025	12:45:00	7.3	2.366	7.8	528,292	Open	14.8	271
8/22/2025	13:00:00	7.3	3.176	10.1	528,317	Open	15.1	271
8/22/2025	13:15:00	7.4	2.279	31.9	528,342	Closed	15.2	271
8/22/2025	13:30:00	7.4	0.348	16.1	528,355	Open	14.8	270
8/22/2025	13:45:00	7.3	2.896	12.9	528,390	Open	14.3	270
8/22/2025	14:00:00	7.4	0.390	8.4	528,413	Open	14.3	272
8/22/2025	14:15:00	7.3	2.884	3.3	528,442	Open	14.2	272
8/22/2025	14:30:00	7.3	2.403	5.6	528,466	Open	14.6	272
8/22/2025	14:45:00	7.3	2.343	1.8	528,489	Open	14.7	272
8/22/2025	15:00:00	7.3	2.880	2.8	528,520	Open	14.5	269
8/22/2025	15:15:00	7.3	1.378	3.3	528,559	Open	14.6	269
8/22/2025	15:30:00	7.3	2.865	4.1	528,588	Open	14.6	269
8/22/2025	15:45:00	7.3	2.880	5.5	528,620	Open	14.6	269
8/22/2025	16:00:00	7.3	2.877	6.6	528,659	Open	14.5	269
8/22/2025	16:15:00	7.3	2.884	14.1	528,691	Open	14.6	267



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/22/2025	16:30:00	7.3	2.388	12	528,734	Open	14.6	267
8/22/2025	16:45:00	7.4	2.241	7.5	528,763	Open	14.8	267
8/22/2025	17:00:00	7.3	3.085	12	528,789	Open	14.5	267
8/22/2025	17:15:00	7.3	0.625	5.3	528,831	Open	14.7	267
8/22/2025	17:30:00	7.3	0.352	10.2	528,854	Open	14.9	271
8/22/2025	17:45:00	7.3	0.386	8.4	528,876	Open	14.9	269
8/22/2025	18:00:00	7.2	2.903	4.7	528,915	Open	14.7	269
8/22/2025	18:15:00	7.3	2.449	23.1	528,947	Open	14.6	269
8/22/2025	18:30:00	7.3	2.967	11.9	528,971	Open	15	269
8/22/2025	18:45:00	7.3	0.379	7.2	529,008	Open	14.7	269
8/22/2025	19:00:00	7.3	2.937	9.4	529,042	Open	14.6	269
8/22/2025	19:15:00	7.3	2.952	6	529,074	Open	14.5	269
8/22/2025	19:30:00	7.3	2.964	4.9	529,106	Open	14.8	268
8/22/2025	19:45:00	7.3	2.952	0	529,146	Open	14.4	268
8/22/2025	20:00:00	7.3	2.937	0.9	529,176	Open	14.5	270
8/22/2025	20:15:00	7.4	2.135	78	529,205	Closed	14.5	268
8/22/2025	20:30:00	7.4	2.941	0	529,246	Open	14.2	268
8/22/2025	20:45:00	7.4	0.000	0.8	529,285	Closed	14.2	268
8/22/2025	21:00:00	7.5	0.447	0.5	529,315	Open	14.2	268
8/22/2025	21:15:00	7.5	2.933	1.1	529,352	Open	14	270
8/22/2025	21:30:00	7.5	2.941	1.5	529,382	Open	14.1	272
8/22/2025	21:45:00	7.5	1.669	0.4	529,408	Open	14.1	267
8/22/2025	22:00:00	7.4	2.702	0.6	529,443	Open	14	267
8/22/2025	22:15:00	7.4	2.733	0.5	529,484	Open	14	270
8/22/2025	22:30:00	7.4	2.222	1.5	529,509	Open	14.2	268



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/22/2025	22:45:00	7.4	2.680	0.3	529,533	Open	14.3	270
8/22/2025	23:00:00	7.4	2.343	0.5	529,563	Open	14.2	268
8/22/2025	23:15:00	7.4	0.469	0.1	529,590	Open	14.2	270
8/22/2025	23:30:00	7.4	2.752	0.2	529,631	Open	13.9	268
8/22/2025	23:45:00	7.4	2.729	0.8	529,668	Open	14	268
8/23/2025	0:00:00	7.3	2.903	0.2	529,697	Open	13.9	268
8/23/2025	0:15:00	7.4	2.752	0.2	529,697	Closed	13.8	268
8/23/2025	0:30:00	7.4	2.252	0.8	529,697	Closed	14	267
8/23/2025	0:45:00	7.4	2.740	0	529,732	Open	14.2	267
8/23/2025	1:00:00	7.4	2.195	0	529,757	Open	14.8	263
8/23/2025	1:15:00	7.4	2.771	0	529,781	Open	15.6	264
8/23/2025	1:30:00	7.4	2.763	0	529,807	Open	15.8	264
8/23/2025	1:45:00	7.4	2.752	0	529,843	Open	15.6	261
8/23/2025	2:00:00	7.4	2.774	1.7	529,871	Open	15.4	263
8/23/2025	2:15:00	7.4	2.752	0.1	529,912	Open	14.8	263
8/23/2025	2:30:00	7.4	2.483	1.7	529,946	Open	14.8	266
8/23/2025	2:45:00	7.4	2.740	0	529,986	Open	14.6	268
8/23/2025	3:00:00	7.4	2.184	0	530,009	Open	14.9	266
8/23/2025	3:15:00	7.4	2.771	0.3	530,032	Open	15.3	264
8/23/2025	3:30:00	7.4	2.782	0.7	530,059	Open	15.4	264
8/23/2025	3:45:00	7.5	0.000	0.4	530,088	Closed	15.8	264
8/23/2025	4:00:00	7.4	2.763	0	530,122	Open	15.6	264
8/23/2025	4:15:00	7.4	2.752	0.5	530,153	Open	15.6	262
8/23/2025	4:30:00	7.4	2.260	0.5	530,177	Open	15.8	267
8/23/2025	4:45:00	7.4	0.000	0.7	530,214	Closed	15.2	265



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/23/2025	5:00:00	7.4	2.195	3.5	530,244	Open	15.2	267
8/23/2025	5:15:00	7.4	2.778	2.6	530,269	Open	15.1	266
8/23/2025	5:30:00	7.4	2.740	1	530,310	Open	14.8	266
8/23/2025	5:45:00	7.4	2.759	1	530,336	Open	14.9	268
8/23/2025	6:00:00	7.4	2.767	1.8	530,363	Open	14.7	266
8/23/2025	6:15:00	7.4	2.774	0.6	530,392	Open	14.6	267
8/23/2025	6:30:00	7.4	2.033	0.7	530,417	Open	14.5	267
8/23/2025	6:45:00	7.4	0.000	2	530,454	Closed	14.2	268
8/23/2025	7:00:00	7.4	2.195	2.2	530,483	Open	14.2	268
8/23/2025	7:15:00	7.4	2.801	1.5	530,510	Open	14.3	269
8/23/2025	7:30:00	7.4	2.793	4.6	530,538	Open	14.2	268
8/23/2025	7:45:00	7.5	2.165	3.1	530,570	Open	14.2	270
8/23/2025	8:00:00	7.4	2.786	2.5	530,594	Open	14.1	268
8/23/2025	8:15:00	7.4	2.755	0.7	530,635	Open	13.8	268
8/23/2025	8:30:00	7.4	2.229	3.8	530,660	Open	14.1	268
8/23/2025	8:45:00	7.4	2.782	1.6	530,685	Open	14.2	267
8/23/2025	9:00:00	7.4	1.930	1.9	530,713	Closed	14.3	267
8/23/2025	9:15:00	7.4	2.771	1.4	530,736	Open	14.3	267
8/23/2025	9:30:00	7.4	2.774	1.6	530,766	Open	14.2	267
8/23/2025	9:45:00	7.4	2.631	2.8	530,779	Closed	14.2	267
8/23/2025	10:00:00	7.4	2.790	2.1	530,786	Open	14.7	268
8/23/2025	10:15:00	7.4	2.665	0.5	530,827	Open	14.4	268
8/23/2025	10:30:00	7.4	0.367	1.3	530,854	Open	14.6	268
8/23/2025	10:45:00	7.4	2.782	1.1	530,892	Open	14.6	268
8/23/2025	11:00:00	7.5	0.352	2.1	530,920	Open	15.1	269



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/23/2025	11:15:00	7.4	0.348	1.1	530,944	Open	15	267
8/23/2025	11:30:00	7.4	0.348	1	530,969	Open	15	267
8/23/2025	11:45:00	7.4	0.360	2.6	530,993	Open	15.1	269
8/23/2025	12:00:00	7.3	2.755	0.6	531,028	Open	15	269
8/23/2025	12:15:00	7.3	2.165	1.1	531,037	Closed	15	271
8/23/2025	12:30:00	7.3	2.316	3.7	531,037	Closed	15.3	271
8/23/2025	12:45:00	7.3	2.805	0.6	531,037	Closed	15.2	271
8/23/2025	13:00:00	7.4	0.000	0.2	531,038	Open	15.6	271
8/23/2025	13:15:00	7.3	2.755	0.5	531,053	Open	15.7	269
8/23/2025	13:30:00	7.3	2.737	0.8	531,079	Open	15.5	272
8/23/2025	13:45:00	7.3	2.456	0.5	531,106	Open	15.7	271
8/23/2025	14:00:00	7.3	2.755	0	531,143	Open	15.3	271
8/23/2025	14:15:00	7.3	0.352	0	531,177	Open	15.3	271
8/23/2025	14:30:00	7.3	2.241	1.2	531,209	Open	15.5	269
8/23/2025	14:45:00	7.3	2.763	0.2	531,241	Open	15.5	271
8/23/2025	15:00:00	7.3	2.188	0.6	531,280	Open	15.7	271
8/23/2025	15:15:00	7.3	2.778	1	531,315	Open	15.7	272
8/23/2025	15:30:00	7.3	2.737	0	531,356	Open	15.6	272
8/23/2025	15:45:00	7.3	2.297	0.4	531,383	Open	15.8	271
8/23/2025	16:00:00	7.3	2.748	0.7	531,403	Open	15.7	271
8/23/2025	16:15:00	7.3	2.192	0	531,433	Open	15.9	271
8/23/2025	16:30:00	7.3	2.245	0.5	531,467	Open	15.7	272
8/23/2025	16:45:00	7.3	2.767	5.1	531,496	Open	15.6	271
8/23/2025	17:00:00	7.2	1.204	8.6	531,529	Open	15.3	269
8/23/2025	17:15:00	7.3	2.740	17.9	531,562	Open	15.5	271



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/23/2025	17:30:00	7.2	2.752	12.1	531,591	Open	15.4	271
8/23/2025	17:45:00	7.2	2.245	3.2	531,615	Open	15.6	272
8/23/2025	18:00:00	7.3	2.551	4.4	531,642	Open	15.5	269
8/23/2025	18:15:00	7.2	2.176	1.5	531,682	Open	15.2	271
8/23/2025	18:30:00	7.3	2.233	6.2	531,708	Open	15.6	271
8/23/2025	18:45:00	7.2	2.740	0.8	531,747	Open	15.2	271
8/23/2025	19:00:00	7.3	2.176	2.9	531,773	Open	15.4	271
8/23/2025	19:15:00	7.3	0.363	1.9	531,801	Open	15.3	271
8/23/2025	19:30:00	7.2	2.748	2.1	531,840	Open	15	271
8/23/2025	19:45:00	7.3	0.356	3.5	531,868	Open	15.1	267
8/23/2025	20:00:00	7.7	2.570	4.1	531,901	Open	16.1	267
8/23/2025	20:15:00	7.2	2.089	4.9	531,939	Open	17	267
8/23/2025	20:30:00	7.2	2.108	3.6	531,963	Open	17.6	269
8/23/2025	20:45:00	7.2	2.699	2.6	531,990	Open	18.2	270
8/23/2025	21:00:00	7.2	2.097	1.4	532,027	Open	18.7	271
8/23/2025	21:15:00	7.2	2.699	0.4	532,059	Open	14.6	264
8/23/2025	21:30:00	7.3	2.691	0.5	532,100	Open	14.5	267
8/23/2025	21:45:00	7.3	2.157	3.9	532,135	Open	14.3	268
8/23/2025	22:00:00	7.3	2.676	1.4	532,171	Open	14.2	268
8/23/2025	22:15:00	7.3	2.086	7.1	532,210	Open	14.2	268
8/23/2025	22:30:00	7.3	0.507	1.1	532,242	Open	14.2	269
8/23/2025	22:45:00	7.3	2.695	1.4	532,275	Open	14.2	269
8/23/2025	23:00:00	7.3	2.093	1.8	532,311	Open	14.2	268
8/23/2025	23:15:00	7.3	2.699	1.1	532,339	Open	14.2	268
8/23/2025	23:30:00	7.3	2.672	2	532,378	Open	14	270



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/23/2025	23:45:00	7.3	2.176	3.7	532,406	Open	14.2	270
8/24/2025	0:00:00	7.3	2.680	1.6	532,442	Open	14	268
8/24/2025	0:15:00	7.3	2.093	7.4	532,482	Open	14	268
8/24/2025	0:30:00	7.3	2.165	3	532,506	Open	14.2	268
8/24/2025	0:45:00	7.3	2.680	2.4	532,545	Open	14	268
8/24/2025	1:00:00	7.3	0.640	3.5	532,582	Open	14.2	269
8/24/2025	1:15:00	7.3	2.691	1.2	532,608	Open	14.5	267
8/24/2025	1:30:00	7.3	2.695	1.7	532,637	Open	15.2	264
8/24/2025	1:45:00	7.3	1.881	2.5	532,654	Closed	15.1	264
8/24/2025	2:00:00	7.3	2.684	1.8	532,688	Open	15.1	263
8/24/2025	2:15:00	7.3	2.104	8.4	532,728	Open	14.9	266
8/24/2025	2:30:00	7.3	1.862	4.7	532,744	Closed	14.6	267
8/24/2025	2:45:00	7.3	2.691	3.1	532,781	Open	14.4	267
8/24/2025	3:00:00	7.3	0.000	2.6	532,810	Closed	14.4	268
8/24/2025	3:15:00	7.3	2.695	2.1	532,841	Open	14.3	269
8/24/2025	3:30:00	7.3	2.699	3.3	532,870	Open	14.3	269
8/24/2025	3:45:00	7.5	1.612	5.1	532,895	Closed	14.3	271
8/24/2025	4:00:00	7.4	2.157	1.1	532,895	Closed	14.7	267
8/24/2025	4:15:00	7.3	2.112	1.1	532,914	Open	14.9	267
8/24/2025	4:30:00	7.3	2.623	0.5	532,940	Open	14.9	267
8/24/2025	4:45:00	7.3	2.597	0.8	532,979	Open	15	263
8/24/2025	5:00:00	7.4	0.280	0.7	533,007	Closed	15.1	264
8/24/2025	5:15:00	7.3	2.608	1.4	533,039	Open	14.8	266
8/24/2025	5:30:00	7.3	2.040	1.5	533,075	Open	14.8	268
8/24/2025	5:45:00	7.3	2.589	0.8	533,098	Open	14.7	268



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/24/2025	6:00:00	7.3	2.593	1.5	533,137	Open	14.5	267
8/24/2025	6:15:00	7.3	2.116	3.5	533,157	Open	14.5	269
8/24/2025	6:30:00	7.3	2.540	1.4	533,179	Open	14.6	271
8/24/2025	6:45:00	7.3	2.525	1.8	533,218	Open	14.2	268
8/24/2025	7:00:00	7.3	2.112	1.1	533,240	Open	14.2	270
8/24/2025	7:15:00	7.3	2.585	1.1	533,278	Open	14.1	270
8/24/2025	7:30:00	7.3	2.029	1.3	533,298	Open	14.3	270
8/24/2025	7:45:00	7.3	2.597	0.4	533,320	Open	14	269
8/24/2025	8:00:00	7.3	2.578	0.8	533,359	Open	13.8	268
8/24/2025	8:15:00	7.3	2.086	1.7	533,384	Open	13.9	268
8/24/2025	8:30:00	7.3	2.566	1.1	533,418	Open	13.7	267
8/24/2025	8:45:00	7.3	2.074	1.4	533,457	Open	13.7	268
8/24/2025	9:00:00	7.3	2.074	1.6	533,478	Open	13.8	266
8/24/2025	9:15:00	7.3	0.125	1.1	533,508	Closed	13.9	267
8/24/2025	9:30:00	7.3	0.193	1.7	533,536	Closed	14	270
8/24/2025	9:45:00	7.3	0.132	1.1	533,550	Closed	14.1	270
8/24/2025	10:00:00	7.3	2.555	1.4	533,580	Open	14.1	268
8/24/2025	10:15:00	7.3	0.545	2.7	533,583	Closed	14.2	268
8/24/2025	10:30:00	7.5	2.937	3	533,588	Open	14.3	267
8/24/2025	10:45:00	7.3	2.033	1.9	533,626	Open	14.3	267
8/24/2025	11:00:00	7.5	2.040	1.8	533,647	Open	14.6	270
8/24/2025	11:15:00	7.3	2.562	3.3	533,684	Open	14.5	271
8/24/2025	11:30:00	7.3	2.010	0.7	533,719	Open	14.7	271
8/24/2025	11:45:00	7.3	2.574	0.5	533,743	Open	14.8	267
8/24/2025	12:00:00	7.3	2.551	12.4	533,782	Open	14.8	269



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/24/2025	12:15:00	7.2	2.033	4.2	533,803	Open	15.2	271
8/24/2025	12:30:00	7.2	2.551	4.3	533,823	Open	15.2	271
8/24/2025	12:45:00	7.2	1.949	2.1	533,848	Open	15.2	274
8/24/2025	13:00:00	7.2	2.078	2.2	533,867	Open	15.3	274
8/24/2025	13:15:00	7.3	2.502	0.8	533,891	Closed	15	272
8/24/2025	13:30:00	7.3	0.840	2	533,891	Closed	15.4	272
8/24/2025	13:45:00	7.2	2.521	0.5	533,915	Open	15.1	274
8/24/2025	14:00:00	7.2	2.525	0.6	533,941	Open	15.2	274
8/24/2025	14:15:00	7.2	2.044	2.2	533,964	Open	15.5	274
8/24/2025	14:30:00	7.2	2.570	1	533,984	Open	15.5	276
8/24/2025	14:45:00	7.2	2.006	4.5	534,008	Open	15.3	272
8/24/2025	15:00:00	7.2	2.033	4.2	534,031	Open	15.5	272
8/24/2025	15:15:00	7.2	2.540	0.9	534,067	Open	15.1	271
8/24/2025	15:30:00	7.2	1.991	0.6	534,103	Open	15.2	271
8/24/2025	15:45:00	7.2	2.528	0.2	534,135	Open	15.1	271
8/24/2025	16:00:00	7.2	2.509	1.1	534,173	Open	15.1	272
8/24/2025	16:15:00	7.2	0.000	0	534,200	Closed	15.4	272
8/24/2025	16:30:00	7.2	2.528	0.2	534,231	Open	15.2	272
8/24/2025	16:45:00	7.2	1.968	2.5	534,269	Open	15.2	272
8/24/2025	17:00:00	7.2	0.000	0.4	534,295	Closed	15.4	272
8/24/2025	17:15:00	7.2	0.000	0.2	534,322	Closed	15.2	273
8/24/2025	17:30:00	7.2	1.949	0.6	534,346	Open	15.3	272
8/24/2025	17:45:00	7.2	2.373	0.2	534,348	Closed	15.1	269
8/24/2025	18:00:00	7.2	2.521	0.6	534,359	Open	15	269
8/24/2025	18:15:00	7.2	0.348	0	534,390	Closed	15	271



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
8/24/2025	18:30:00	7.2	2.502	1	534,416	Open	14.9	269
8/24/2025	18:45:00	7.2	1.938	5	534,454	Open	14.8	269
8/24/2025	19:00:00	7.2	2.048	2.1	534,476	Open	15.1	267
8/24/2025	19:15:00	7.2	2.706	6.6	534,512	Open	14.8	267
8/24/2025	19:30:00	7.2	2.665	1.3	534,539	Open	14.6	267
8/24/2025	19:45:00	7.2	2.642	1.6	534,579	Open	14.5	267
8/24/2025	20:00:00	7.2	2.710	1.4	534,602	Open	14.6	267
8/24/2025	20:15:00	7.2	2.710	0.7	534,638	Open	14.4	267
8/24/2025	20:30:00	7.2	2.123	1.4	534,677	Open	14.4	267
8/24/2025	20:45:00	7.3	0.000	0.4	534,709	Closed	14.4	267
8/24/2025	21:00:00	7.2	2.710	0.6	534,743	Open	14.3	267
8/24/2025	21:15:00	7.2	2.120	1.5	534,779	Open	14.3	267
8/24/2025	21:30:00	7.3	2.702	0.9	534,815	Open	14.3	269
8/24/2025	21:45:00	7.2	2.718	0.7	534,850	Open	14.4	268
8/24/2025	22:00:00	7.2	2.706	0.5	534,886	Open	14.3	269
8/24/2025	22:15:00	7.2	2.574	1.4	534,912	Open	14.2	268
8/24/2025	22:30:00	7.2	2.184	2.8	534,950	Open	14.2	268
8/24/2025	22:45:00	7.2	2.169	3	534,977	Open	14.3	268
8/24/2025	23:00:00	7.2	2.755	0.9	535,017	Open	14.1	268
8/24/2025	23:15:00	7.3	2.547	1.3	535,044	Open	14.3	273
8/24/2025	23:30:00	7.2	2.759	0.9	535,082	Open	14.1	273
8/24/2025	23:45:00	7.3	2.498	1.8	535,112	Closed	14.1	273



FRONTIER-KEMPER
MICHELS® joint venture

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

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Appendix B: Photos



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Photo 1: No visible sheen observed in the WTP water, August 18





Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Photo 2: No visible sheen observed in the WTP water, August 20

2025-08-20, 5:35 PM

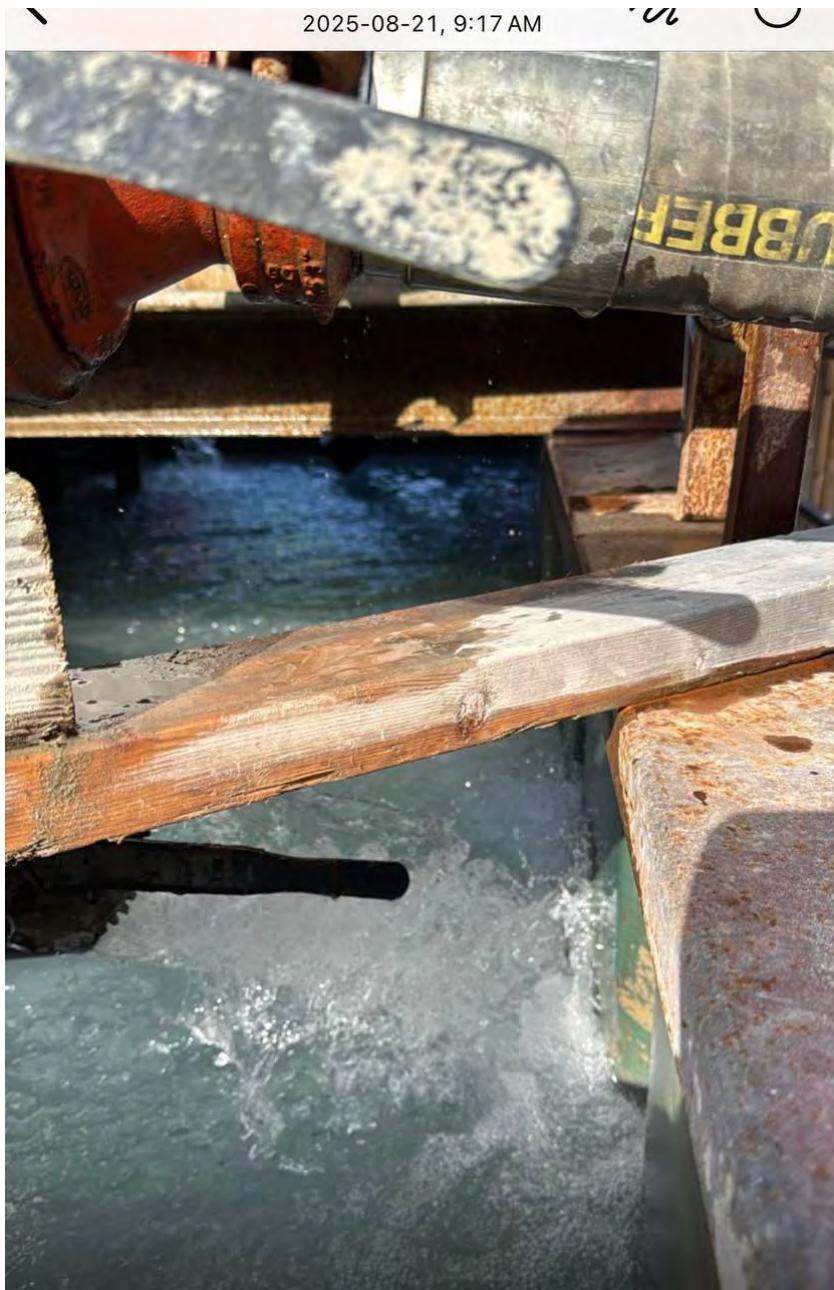




Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Photo 3: No visible sheen observed in the WTP water, August 21





Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Photo 4: No visible sheen observed in the WTP water, August 22

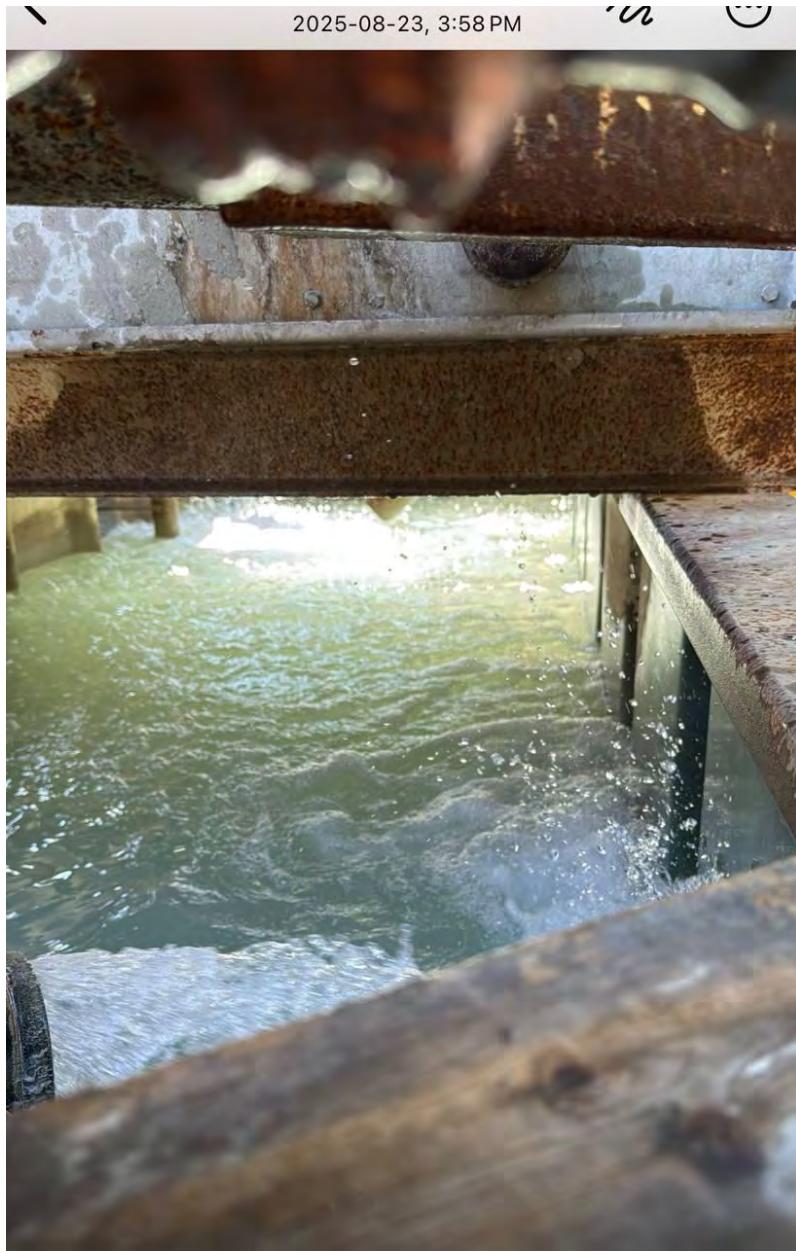




Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Photo 5: No visible sheen observed in the WTP water, August 23





Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	August 18, 2025 to August 24, 2025	Prepared by: Approved by: Date:	SD BC2 August 29, 2025

Photo 6: No visible sheen observed in the WTP water, August 24





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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
Appendix D	D-1

Appendix D: Woodfibre Site Receiving Environment Documentation

 FORTIS BC™	Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	Aug 18 th to Aug 24 th , 2025
	Report #	74	
	Appendix D	D-2	

Woodfibre Site Receiving Environment Sample Analysis



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life · Guideline - Marine Aquatic Life · Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life · Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life · Long Term Average	WLNG US 2025-08-19 09:51:00	WLNG DS 2025-08-19 08:58:00
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			6.64	7.38
Field Temperature	°C	18	19					15	12.3
General Parameters									
pH	pH Units							6.85	7.48
Alkalinity (Total as CaCO ₃)	mg/L							9	43
Alkalinity (PP as CaCO ₃)	mg/L							<1	<1
Hardness (CaCO ₃)-Total	mg/L							9.57	52.1
Hardness (CaCO ₃)-Dissolved	mg/L							9.98	56.4
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	1.77	14		12	83		<0.015	<0.015
Bicarbonate (HCO ₃)	mg/L							11	52
Carbonate (CO ₃)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.068	<0.02
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.068	<0.02
Nitrogen (N)-Total	mg/L							0.13	0.131
Phosphorus (P)-Total (4500-P)	mg/L							0.011	0.0035
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	11
Fluoride (F)	mg/L		0.4			1.5		<0.05	0.25
Sulphate (SO ₄)-Dissolved	mg/L	128						1.9	8.3
Total Metals									
Aluminum (Al)-Total	mg/L	0.035836						0.0625	0.217
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000037	0.000304
Arsenic (As)-Total	mg/L	0.005			0.0125			0.000138	0.0012
Barium (Ba)-Total	mg/L			1				0.00521	0.00672
Beryllium (Be)-Total	mg/L			0.00013				0.1	<0.00001
Bismuth (Bi)-Total	mg/L							<0.00001	<0.00001
Boron (B)-Total	mg/L	1.2			1.2			<0.01	0.014
Cadmium (Cd)-Total	mg/L						0.00012	<0.000005	0.000014
Calcium (Ca)-Total	mg/L							3.22	19.4
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							<0.0001	0.00015
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							0.000035	0.00008
Copper (Cu)-Total	mg/L			0.002		0.003		0.00079	0.00021
Iron (Fe)-Total	mg/L		1					0.075	0.0394
Lead (Pb)-Total	mg/L				0.002	0.14		0.000036	<0.00002
Lithium (Li)-Total	mg/L							<0.0005	0.00345
Magnesium (Mg)-Total	mg/L							0.37	0.92

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. Note: Not all exceedances are project related.



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average	WLNG US 2025-08-19 09:51:00	WLNG DS 2025-08-19 08:58:00
Total Metals (cont'd.)									
Manganese (Mn)-Total	mg/L	0.647	0.645			0.1	0.00207	0.0379	
Mercury (Hg)-Total	mg/L	0.00002		0.00002			<0.0000019	<0.0000019	
Molybdenum (Mo)-Total	mg/L	7.6	46				0.000536	0.02	
Nickel (Ni)-Total	mg/L					0.0083	0.00025	0.00041	
Phosphorus (P)-Total (ICPMS)	mg/L						0.0112	<0.005	
Potassium (K)-Total	mg/L						0.26	1.54	
Rubidium (Rb)-Total	mg/L						0.000604	0.00313	
Selenium (Se)-Total	mg/L	0.002		0.002			<0.0004	<0.0004	
Silicon (Si)-Total	mg/L						4.68	6.54	
Silver (Ag)-Total	mg/L	0.00012		0.0005	0.0037	0.0005	<0.00001	<0.00001	
Sodium (Na)-Total	mg/L						1.72	6.25	
Strontium (Sr)-Total	mg/L						0.0161	0.0459	
Sulphur (S)-Total	mg/L						<3	<3	
Tellurium (Te)-Total	mg/L						<0.00002	<0.00002	
Thallium (Tl)-Total	mg/L		0.00003				0.00003	0.0000103	
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				0.00007	0.000529	
Vanadium (V)-Total	mg/L		0.06			0.005	0.00024	<0.0002	
Zinc (Zn)-Total	mg/L			0.01	0.055		0.0019	0.0021	
Zirconium (Zr)-Total	mg/L						<0.0001	<0.0001	
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L						0.0396	0.0777	
Antimony (Sb)-Dissolved	mg/L						0.000032	0.000311	
Arsenic (As)-Dissolved	mg/L						0.000138	0.00118	
Barium (Ba)-Dissolved	mg/L						0.00508	0.00678	
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	0.015	
Cadmium (Cd)-Dissolved	mg/L	0.000038	0.000052				0.0000083	0.0000128	
Calcium (Ca)-Dissolved	mg/L						3.34	21	
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					0.000021	0.0000769	
Copper (Cu)-Dissolved	mg/L	0.0002	0.0006				0.00073	0.000064	
Iron (Fe)-Dissolved	mg/L		0.35				0.0373	0.0012	
Lead (Pb)-Dissolved	mg/L	0.001835					0.0000145	<0.000005	
Lithium (Li)-Dissolved	mg/L						<0.0005	0.00374	
Manganese (Mn)-Dissolved	mg/L						0.000978	0.037	
Magnesium (Mg)-Dissolved	mg/L						0.396	0.981	
Mercury (Hg)-Dissolved	mg/L						<0.0000019	<0.0000019	
Molybdenum (Mo)-Dissolved	mg/L						0.000524	0.0199	
Nickel (Ni)-Dissolved	mg/L	0.0007	0.011				0.000289	0.000158	

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. Note: Not all exceedances are project related.



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life Long Term Average	BC Approved Water Quality Guideline - Marine Aquatic Life Short Term Max	BC Working Water Quality Guideline - Marine Aquatic Life Long Term Average	WLNG US 2025-08-19 09:51:00	WLNG DS 2025-08-19 08:58:00
Dissolved Metals (cont'd.)									
Phosphorus (P)-Dissolved	mg/L							0.0064	<0.002
Potassium (K)-Dissolved	mg/L							0.267	1.58
Rubidium (Rb)-Dissolved	mg/L							0.000641	0.00318
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							4.96	6.87
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							1.85	6.73
Strontium (Sr)-Dissolved	mg/L			1.25				0.0159	0.0454
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							0.0000028	0.0000102
Thorium (Th)-Dissolved	mg/L							0.0000078	<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							0.0000583	0.000382
Vanadium (V)-Dissolved	mg/L							0.00021	<0.0002
Zinc (Zn)-Dissolved	mg/L	0.005467		0.009				0.00059	0.00119
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001
Inorganics									
Organic Carbon (C)-Total	mg/L							2.3	1.4
Organic Carbon (C)-Dissolved	mg/L							2.1	1.1
Solids-Total Dissolved	mg/L							44	110
Solids-Total Suspended	mg/L	6		26				<1	4

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. Note: Not all exceedances are project related.



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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
Appendix D	D-3

Woodfibre Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID:	WLNG (EAS) DS		Date:	August 19, 2025
Site Name:	East Creek		Time:	8:58
Site UTM:	Zone: E:	123°14'53.421"	Crew:	WS
(NAD83)	N:	49°40'8.736"	Weather:	Cloudy

In Situ Parameters

pH:	7.38	DO:	1.85	(mg/L)	
Temp.:	12.3	(°C)	Cond:	186.5	(us)
Turbidity:	0	NTU			
Visible Sheen:	N				

Water Surface Condition: Clear

Photo Record

Photo unavailable

Observations

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG (EAS) US Date: August 19, 2025
Site Name: East Creek Time: 9:51
Site UTM: Zone: E: 123°15'1.844" Crew: WS
(NAD83) N: 49°40'9.674" Weather: Cloudy

In Situ Parameters

pH: 6.64 DO: 1.99 (mg/L)
Temp.: 15 (°C) Cond: 55.9 (us)
Turbidity: 0 NTU
Visible Sheen: N
Water Surface Condition: Clear

Photo Record

Photo



Observations

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-08-18 00:00:00	12.372	151.679	-0.001	7.690	8.491	25.222
EAS-DS	2025-08-18 01:00:00	12.258	151.615	-0.002	7.688	8.679	77.456
EAS-DS	2025-08-18 02:00:00	12.153	150.725	-0.002	7.698	8.459	0.000
EAS-DS	2025-08-18 03:00:00	12.193	150.866	-0.002	7.681	9.099	0.000
EAS-DS	2025-08-18 04:00:00	12.112	147.470	0.001	7.677	9.386	0.000
EAS-DS	2025-08-18 05:00:00	12.067	143.992	-0.002	7.676	9.145	0.000
EAS-DS	2025-08-18 06:00:00	12.072	144.358	-0.001	7.676	9.185	3.953
EAS-DS	2025-08-18 07:00:00		145.843				
EAS-DS	2025-08-18 08:00:00	11.974	143.714	0.010	7.704	8.933	13.241
EAS-DS	2025-08-18 09:00:00	12.076	148.110	0.015	7.763	10.396	8.017
EAS-DS	2025-08-18 10:00:00	12.113	151.120	0.008	7.729	10.398	0.263
EAS-DS	2025-08-18 11:00:00	12.304	153.616	0.001	7.735	10.211	0.000
EAS-DS	2025-08-18 12:00:00	12.445	154.716	-0.003	7.780	10.324	0.000
EAS-DS	2025-08-18 13:00:00	12.491	152.959	-0.003	7.779	10.341	0.000
EAS-DS	2025-08-18 14:00:00	12.726	153.314	-0.004	7.803	10.201	0.000
EAS-DS	2025-08-18 15:00:00	12.698	155.707	-0.005	7.798	10.250	1.156
EAS-DS	2025-08-18 16:00:00	12.668	150.955	-0.002	7.795	10.186	0.000
EAS-DS	2025-08-18 17:00:00	12.788	152.785	-0.004	7.813	10.247	0.000
EAS-DS	2025-08-18 18:00:00	12.822	152.154	-0.002	7.811	10.242	2.745
EAS-DS	2025-08-18 19:00:00		152.645				
EAS-DS	2025-08-18 20:00:00	12.608	150.493	-0.004	7.794	10.292	0.000
EAS-DS	2025-08-18 21:00:00	12.662	157.480	-0.009	7.781	10.259	6.651
EAS-DS	2025-08-18 22:00:00	12.635	157.081	-0.009	7.764	10.217	0.045
EAS-DS	2025-08-18 23:00:00	12.771	155.407	-0.006	7.722	9.936	1.720
EAS-DS	2025-08-19 00:00:00	12.663	157.941	-0.010	7.749	10.248	6.907
EAS-DS	2025-08-19 01:00:00	12.704	158.510	-0.012	7.757	10.242	2.407
EAS-DS	2025-08-19 02:00:00	12.685	156.011	-0.006	7.691	9.960	0.000
EAS-DS	2025-08-19 03:00:00	12.617	158.157	-0.011	7.741	10.264	4.401
EAS-DS	2025-08-19 04:00:00	12.685	157.538	-0.009	7.721	10.238	3.695
EAS-DS	2025-08-19 05:00:00	12.607	154.240	-0.009	7.767	10.259	4.156
EAS-DS	2025-08-19 06:00:00	12.578	154.544	-0.010	7.761	10.270	8.217
EAS-DS	2025-08-19 07:00:00	12.526	154.110	-0.010	7.757	10.291	4.349
EAS-DS	2025-08-19 08:00:00	12.363	148.290	-0.007	7.750	10.356	13.803
EAS-DS	2025-08-19 09:00:00	12.340	147.603	-0.007	7.769	10.385	9.603
EAS-DS	2025-08-19 10:00:00	12.319	149.745	-0.008	7.781	10.409	12.004
EAS-DS	2025-08-19 11:00:00	12.374	150.050	-0.007	7.796	10.403	4.615
EAS-DS	2025-08-19 12:00:00	12.469	151.178	-0.008	7.783	10.370	26.653
EAS-DS	2025-08-19 13:00:00	12.752	153.063	-0.008	7.815	10.263	16.051
EAS-DS	2025-08-19 14:00:00	12.632	151.287	-0.009	7.803	10.341	13.269
EAS-DS	2025-08-19 15:00:00	12.671	151.720	-0.006	7.815	10.280	10.512
EAS-DS	2025-08-19 16:00:00	12.792	154.129	-0.010	7.840	10.286	20.727
EAS-DS	2025-08-19 17:00:00	12.724	150.351	-0.008	7.817	10.330	23.062
EAS-DS	2025-08-19 18:00:00	12.641	151.758	-0.008	7.806	10.321	32.565
EAS-DS	2025-08-19 19:00:00	12.629	152.189	-0.009	7.812	10.326	24.832
EAS-DS	2025-08-19 20:00:00	12.531	147.556	-0.006	7.786	10.343	18.283
EAS-DS	2025-08-19 21:00:00	12.386	145.318	-0.004	7.794	10.390	20.460
EAS-DS	2025-08-19 22:00:00	12.294	148.250	-0.008	7.787	10.393	9.714
EAS-DS	2025-08-19 23:00:00	12.264	151.204	-0.007	7.747	10.437	14.435
EAS-DS	2025-08-20 00:00:00	12.207	147.147	-0.004	7.750	10.364	17.033
EAS-DS	2025-08-20 01:00:00	12.194	151.046	-0.007	7.739	10.433	32.657
EAS-DS	2025-08-20 02:00:00	12.130	147.179	-0.006	7.761	10.472	50.412
EAS-DS	2025-08-20 03:00:00	12.080	146.532	-0.004	7.772	10.479	66.543
EAS-DS	2025-08-20 04:00:00		150.358				
EAS-DS	2025-08-20 05:00:00	12.088	152.317	-0.007	7.802	10.459	20.595
EAS-DS	2025-08-20 06:00:00	12.138	152.607	0.025	7.798	10.435	14.975
EAS-DS	2025-08-20 07:00:00	12.138	150.835	0.007	7.789	10.427	24.823

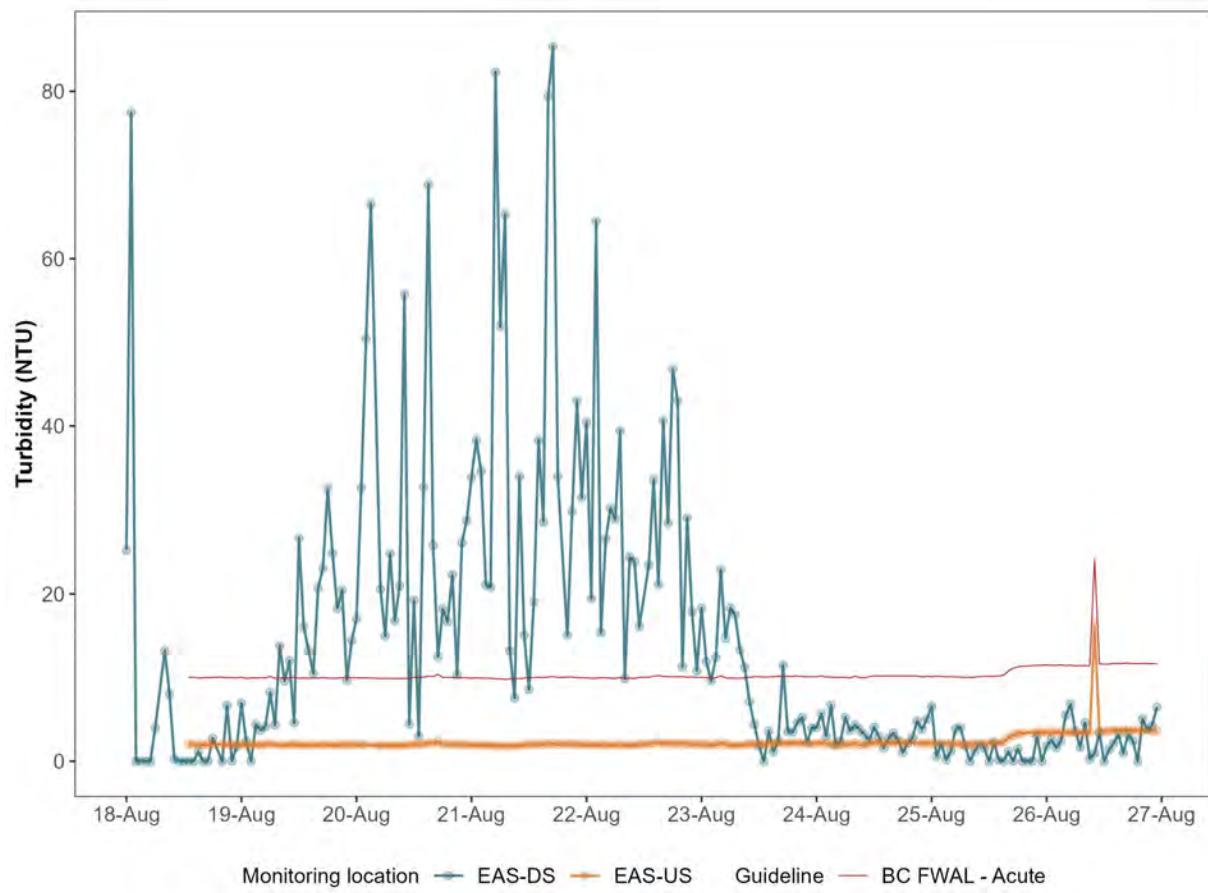
Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-08-20 08:00:00	12.067	144.278	0.020	7.783	10.394	16.807
EAS-DS	2025-08-20 09:00:00	12.057	145.530	0.021	7.798	10.494	20.937
EAS-DS	2025-08-20 10:00:00	12.280	146.024	0.022	7.808	10.429	55.739
EAS-DS	2025-08-20 11:00:00	12.449	145.964	0.032	7.837	10.323	4.434
EAS-DS	2025-08-20 12:00:00	12.683	144.484	0.021	7.829	10.268	19.231
EAS-DS	2025-08-20 13:00:00	12.913	144.626	0.026	7.800	10.122	2.994
EAS-DS	2025-08-20 14:00:00	12.864	144.767	0.022	7.836	10.313	32.760
EAS-DS	2025-08-20 15:00:00	12.969	144.948	0.014	7.841	10.294	68.862
EAS-DS	2025-08-20 16:00:00	12.865	143.895	0.016	7.845	10.329	25.784
EAS-DS	2025-08-20 17:00:00	12.759	143.166	0.021	7.832	10.263	12.489
EAS-DS	2025-08-20 18:00:00	12.736	145.165	0.012	7.812	10.287	18.211
EAS-DS	2025-08-20 19:00:00	12.660	143.753	0.033	7.812	10.160	16.646
EAS-DS	2025-08-20 20:00:00	12.363	144.034	0.031	7.794	10.393	22.273
EAS-DS	2025-08-20 21:00:00	12.297	152.551	0.021	7.851	10.415	10.319
EAS-DS	2025-08-20 22:00:00	12.380	157.959	0.027	7.854	10.421	26.133
EAS-DS	2025-08-20 23:00:00	12.392	153.872	0.007	7.809	10.410	28.786
EAS-DS	2025-08-21 00:00:00	12.307	151.338	0.030	7.788	10.436	33.892
EAS-DS	2025-08-21 01:00:00	12.321	152.420	0.014	7.761	10.414	38.331
EAS-DS	2025-08-21 02:00:00	12.301	150.316	0.026	7.768	10.430	34.640
EAS-DS	2025-08-21 03:00:00	12.282	150.878	0.006	7.797	10.396	21.082
EAS-DS	2025-08-21 04:00:00	12.351	152.499	0.006	7.796	10.418	20.809
EAS-DS	2025-08-21 05:00:00	12.327	150.282	0.007	7.809	10.339	82.295
EAS-DS	2025-08-21 06:00:00	12.362	151.003	0.014	7.790	10.414	51.911
EAS-DS	2025-08-21 07:00:00	12.320	152.097	0.011	7.804	10.416	65.314
EAS-DS	2025-08-21 08:00:00	12.277	148.960	0.005	7.820	10.351	13.230
EAS-DS	2025-08-21 09:00:00	12.332	148.590	0.030	7.654	9.803	7.583
EAS-DS	2025-08-21 10:00:00	12.505	148.171	0.024	7.792	10.362	34.038
EAS-DS	2025-08-21 11:00:00	12.803	150.125	0.036	7.809	10.126	15.010
EAS-DS	2025-08-21 12:00:00	13.073	148.779	0.029	7.805	10.101	8.567
EAS-DS	2025-08-21 13:00:00	13.187	148.688	0.014	7.813	10.081	19.061
EAS-DS	2025-08-21 14:00:00	13.336	150.028	0.024	7.819	10.123	38.309
EAS-DS	2025-08-21 15:00:00	13.234	147.784	0.030	7.812	10.153	28.612
EAS-DS	2025-08-21 16:00:00	13.293	151.542	0.018	7.799	10.159	79.397
EAS-DS	2025-08-21 17:00:00	13.252	152.474	0.034	7.822	10.149	85.355
EAS-DS	2025-08-21 18:00:00	13.209	152.228	0.022	7.817	10.124	33.999
EAS-DS	2025-08-21 19:00:00		152.113				
EAS-DS	2025-08-21 20:00:00	12.932	149.691	0.011	7.811	10.094	15.047
EAS-DS	2025-08-21 21:00:00	12.647	146.841	0.013	7.790	10.237	29.875
EAS-DS	2025-08-21 22:00:00	12.706	150.183	0.010	7.786	10.253	42.977
EAS-DS	2025-08-21 23:00:00	12.741	150.253	0.006	7.796	10.244	31.512
EAS-DS	2025-08-22 00:00:00	12.904	153.233	0.002	7.805	10.216	40.439
EAS-DS	2025-08-22 01:00:00	12.939	154.770	0.003	7.810	10.117	19.421
EAS-DS	2025-08-22 02:00:00	12.673	153.542	0.000	7.759	10.281	64.476
EAS-DS	2025-08-22 03:00:00	12.553	152.992	0.001	7.787	10.279	15.383
EAS-DS	2025-08-22 04:00:00	12.536	154.628	-0.002	7.786	10.301	26.545
EAS-DS	2025-08-22 05:00:00	12.499	156.692	-0.004	7.793	10.303	30.259
EAS-DS	2025-08-22 06:00:00	12.420	156.435	-0.001	7.792	10.240	28.933
EAS-DS	2025-08-22 07:00:00	12.286	154.321	-0.002	7.782	10.371	39.417
EAS-DS	2025-08-22 08:00:00	12.250	150.802	0.005	7.767	10.240	9.909
EAS-DS	2025-08-22 09:00:00	12.277	150.680	0.004	7.774	10.371	24.412
EAS-DS	2025-08-22 10:00:00	12.471	150.623	0.008	7.789	10.276	23.888
EAS-DS	2025-08-22 11:00:00	12.695	152.168	0.003	7.803	10.223	16.083
EAS-DS	2025-08-22 12:00:00		151.789				
EAS-DS	2025-08-22 13:00:00	13.167	151.201	0.009	7.824	10.027	23.456
EAS-DS	2025-08-22 14:00:00	13.367	151.885	0.029	7.836	10.022	33.676
EAS-DS	2025-08-22 15:00:00	13.426	151.685	0.041	7.801	10.037	21.163
EAS-DS	2025-08-22 16:00:00	13.120	150.040	0.042	7.785	10.112	40.666

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-08-22 17:00:00	13.168	150.565	0.053	7.805	10.054	28.464
EAS-DS	2025-08-22 18:00:00	12.999	153.359	0.038	7.721	10.119	46.790
EAS-DS	2025-08-22 19:00:00	12.784	151.082	0.017	7.756	10.170	43.021
EAS-DS	2025-08-22 20:00:00	12.831	151.326	0.041	7.814	10.072	11.288
EAS-DS	2025-08-22 21:00:00	12.536	154.859	0.052	7.829	10.236	29.105
EAS-DS	2025-08-22 22:00:00	12.480	149.569	0.047	7.775	10.257	17.849
EAS-DS	2025-08-22 23:00:00	12.484	151.779	0.050	7.824	10.219	10.813
EAS-DS	2025-08-23 00:00:00	12.330	147.938	0.043	7.780	10.295	18.318
EAS-DS	2025-08-23 01:00:00	12.288	150.047	0.039	7.799	10.298	11.897
EAS-DS	2025-08-23 02:00:00	12.285	148.597	0.034	7.808	10.223	9.595
EAS-DS	2025-08-23 03:00:00	12.393	150.173	0.039	7.797	10.152	12.479
EAS-DS	2025-08-23 04:00:00	12.316	150.434	0.028	7.780	10.294	22.863
EAS-DS	2025-08-23 05:00:00	12.376	150.939	0.031	7.796	10.274	14.695
EAS-DS	2025-08-23 06:00:00	12.456	152.032	0.028	7.803	10.256	18.329
EAS-DS	2025-08-23 07:00:00	12.455	151.995	0.028	7.811	10.248	17.474
EAS-DS	2025-08-23 08:00:00	12.398	149.578	0.030	7.827	10.199	13.328
EAS-DS	2025-08-23 09:00:00	12.510	148.934	0.035	7.823	10.223	11.217
EAS-DS	2025-08-23 10:00:00	12.772	149.269	0.034	7.713	9.698	7.144
EAS-DS	2025-08-23 11:00:00	13.048	150.608	0.021	7.865	10.256	4.401
EAS-DS	2025-08-23 12:00:00	13.392	153.764	0.028	7.820	10.162	1.797
EAS-DS	2025-08-23 13:00:00	13.918	150.232	0.069	7.647	9.482	0.000
EAS-DS	2025-08-23 14:00:00	13.760	154.701	0.017	7.810	10.046	3.593
EAS-DS	2025-08-23 15:00:00	13.843	156.152	0.013	7.814	10.035	1.154
EAS-DS	2025-08-23 16:00:00	13.955	155.858	0.012	7.809	9.948	2.404
EAS-DS	2025-08-23 17:00:00	13.676	154.643	0.012	7.793	10.008	11.485
EAS-DS	2025-08-23 18:00:00	13.566	155.052	0.016	7.767	10.015	3.566
EAS-DS	2025-08-23 19:00:00	13.415	152.169	0.013	7.786	9.997	3.496
EAS-DS	2025-08-23 20:00:00	13.009	149.448	0.012	7.747	10.169	4.620
EAS-DS	2025-08-23 21:00:00	12.756	147.539	0.016	7.755	10.236	5.228
EAS-DS	2025-08-23 22:00:00	12.846	151.547	0.015	7.773	10.220	2.219
EAS-DS	2025-08-23 23:00:00	12.836	151.047	0.013	7.755	10.213	3.962
EAS-DS	2025-08-24 00:00:00	12.757	151.447	0.010	7.759	10.244	4.040
EAS-DS	2025-08-24 01:00:00	12.735	151.960	0.009	7.769	10.250	5.660
EAS-DS	2025-08-24 02:00:00	12.743	151.742	0.009	7.769	10.242	2.992
EAS-DS	2025-08-24 03:00:00	12.700	151.361	0.009	7.776	10.236	6.704
EAS-DS	2025-08-24 04:00:00	12.794	152.034	0.012	7.749	9.921	1.880
EAS-DS	2025-08-24 05:00:00	12.720	152.319	0.012	7.792	10.222	2.435
EAS-DS	2025-08-24 06:00:00	12.707	152.863	0.011	7.800	10.232	5.243
EAS-DS	2025-08-24 07:00:00	12.688	153.273	0.012	7.795	10.236	3.649
EAS-DS	2025-08-24 08:00:00	12.544	151.211	0.011	7.770	10.278	4.364
EAS-DS	2025-08-24 09:00:00	12.518	149.083	0.012	7.782	10.277	3.774
EAS-DS	2025-08-24 10:00:00	12.869	151.553	0.011	7.794	10.191	3.198
EAS-DS	2025-08-24 11:00:00	13.164	153.039	0.011	7.831	10.076	2.495
EAS-DS	2025-08-24 12:00:00	13.466	154.841	0.009	7.799	10.066	4.089
EAS-DS	2025-08-24 13:00:00	13.705	159.367	0.010	7.814	9.957	2.974
EAS-DS	2025-08-24 14:00:00	13.818	159.214	0.008	7.805	9.907	1.595
EAS-DS	2025-08-24 15:00:00	13.871	158.194	0.008	7.786	9.919	2.741
EAS-DS	2025-08-24 16:00:00	13.683	156.700	0.007	7.762	9.982	3.382
EAS-DS	2025-08-24 17:00:00	13.707	154.785	0.008	7.764	9.953	2.540
EAS-DS	2025-08-24 18:00:00	13.825	153.803	0.009	7.680	9.504	1.046
EAS-DS	2025-08-24 19:00:00	13.310	151.804	0.008	7.767	10.018	2.136
EAS-DS	2025-08-24 20:00:00	13.176	151.659	0.008	7.772	10.056	2.846
EAS-DS	2025-08-24 21:00:00	12.932	150.804	0.006	7.747	10.155	4.808
EAS-DS	2025-08-24 22:00:00	12.941	150.176	0.006	7.732	10.152	3.824
EAS-DS	2025-08-24 23:00:00	12.758	149.985	0.005	7.722	10.207	5.032
EAS-DS	2025-08-25 00:00:00	12.746	150.834	0.005	7.726	10.206	6.564
EAS-US	2025-08-18 00:00:00						

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-US	2025-08-18 01:00:00						
EAS-US	2025-08-18 02:00:00						
EAS-US	2025-08-18 03:00:00						
EAS-US	2025-08-18 04:00:00						
EAS-US	2025-08-18 05:00:00						
EAS-US	2025-08-18 06:00:00						
EAS-US	2025-08-18 07:00:00						
EAS-US	2025-08-18 08:00:00						
EAS-US	2025-08-18 09:00:00						
EAS-US	2025-08-18 10:00:00						
EAS-US	2025-08-18 11:00:00						
EAS-US	2025-08-18 12:00:00						
EAS-US	2025-08-18 13:00:00	15.381	25.090	0.341	7.467	8.881	2.018
EAS-US	2025-08-18 14:00:00	15.546	25.029	0.346	7.359	8.835	2.055
EAS-US	2025-08-18 15:00:00	15.570	27.526	0.352	7.280	8.757	1.942
EAS-US	2025-08-18 16:00:00	15.624	25.257	0.355	7.198	8.760	2.000
EAS-US	2025-08-18 17:00:00	15.706	25.263	0.354	7.202	8.725	1.990
EAS-US	2025-08-18 18:00:00	15.765	25.527	0.348	7.314	8.663	2.023
EAS-US	2025-08-18 19:00:00						
EAS-US	2025-08-18 20:00:00	15.692	28.107	0.351	7.160	8.628	2.051
EAS-US	2025-08-18 21:00:00	15.642	28.331	0.351	7.236	8.622	1.980
EAS-US	2025-08-18 22:00:00	15.599	26.055	0.351	7.273	8.615	2.004
EAS-US	2025-08-18 23:00:00	15.567	25.942	0.348	7.286	8.627	1.976
EAS-US	2025-08-19 00:00:00	15.540	25.907	0.356	7.135	8.642	2.035
EAS-US	2025-08-19 01:00:00	15.513	28.261	0.351	7.217	8.622	1.906
EAS-US	2025-08-19 02:00:00	15.478	25.873	0.359	7.118	8.624	1.968
EAS-US	2025-08-19 03:00:00	15.450	25.580	0.353	7.267	8.660	1.956
EAS-US	2025-08-19 04:00:00	15.410	25.517	0.358	7.138	8.675	1.979
EAS-US	2025-08-19 05:00:00	15.349	25.597	0.357	7.144	8.689	1.966
EAS-US	2025-08-19 06:00:00	15.308	27.908	0.352	7.231	8.715	2.134
EAS-US	2025-08-19 07:00:00	15.283	27.915	0.354	7.228	8.727	1.937
EAS-US	2025-08-19 08:00:00	15.273	27.830	0.353	7.185	8.748	1.963
EAS-US	2025-08-19 09:00:00	15.296	27.786	0.353	7.209	8.796	1.945
EAS-US	2025-08-19 10:00:00	15.345	25.255	0.355	7.165	8.792	1.961
EAS-US	2025-08-19 11:00:00	15.382	27.172	0.351	7.286	8.778	2.044
EAS-US	2025-08-19 12:00:00	15.424	27.792	0.352	7.302	8.809	1.927
EAS-US	2025-08-19 13:00:00	15.476	27.732	0.356	7.208	8.833	1.960
EAS-US	2025-08-19 14:00:00	15.494	27.770	0.352	7.288	8.790	1.929
EAS-US	2025-08-19 15:00:00	15.520	27.747	0.351	7.289	8.790	1.952
EAS-US	2025-08-19 16:00:00	15.575	27.559	0.360	7.047	8.826	1.954
EAS-US	2025-08-19 17:00:00	15.667	27.596	0.364	7.032	8.793	2.001
EAS-US	2025-08-19 18:00:00	15.667	27.730	0.351	7.266	8.721	1.946
EAS-US	2025-08-19 19:00:00	15.658	28.087	0.356	7.160	8.717	1.918
EAS-US	2025-08-19 20:00:00	15.640	28.330	0.351	7.204	8.659	1.948
EAS-US	2025-08-19 21:00:00	15.605	28.304	0.364	6.993	8.678	1.981
EAS-US	2025-08-19 22:00:00	15.564	25.748	0.371	6.974	8.666	1.997
EAS-US	2025-08-19 23:00:00	15.502	28.146	0.373	6.957	8.678	1.987
EAS-US	2025-08-20 00:00:00	15.426	28.030	0.356	7.240	8.695	1.982
EAS-US	2025-08-20 01:00:00	15.369	27.936	0.354	7.262	8.727	1.959
EAS-US	2025-08-20 02:00:00	15.316	25.657	0.365	7.080	8.745	1.967
EAS-US	2025-08-20 03:00:00						
EAS-US	2025-08-20 04:00:00	15.191	25.494	0.354	7.307	8.756	1.924
EAS-US	2025-08-20 05:00:00	15.079	27.272	0.354	7.294	8.785	1.899
EAS-US	2025-08-20 06:00:00	14.978	27.724	0.358	7.234	8.830	1.916
EAS-US	2025-08-20 07:00:00	14.916	27.651	0.356	7.242	8.851	1.899

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-US	2025-08-20 08:00:00	14.930	27.543	0.354	7.255	8.909	1.883
EAS-US	2025-08-20 09:00:00	15.057	24.934	0.367	7.032	8.975	1.879
EAS-US	2025-08-20 10:00:00	15.159	27.386	0.365	7.035	8.918	1.914
EAS-US	2025-08-20 11:00:00	15.822	25.422	0.342	7.456	8.979	1.937
EAS-US	2025-08-20 12:00:00	16.053	24.869	0.340	7.372	8.895	2.046
EAS-US	2025-08-20 13:00:00	16.007	27.451	0.358	7.056	8.834	2.019
EAS-US	2025-08-20 14:00:00	16.221	27.431	0.358	7.068	8.749	2.052
EAS-US	2025-08-20 15:00:00	16.366	25.676	0.365	7.028	8.686	2.177
EAS-US	2025-08-20 16:00:00	16.420	27.554	0.348	7.342	8.637	2.137
EAS-US	2025-08-20 17:00:00	16.380	25.328	0.367	7.016	8.619	2.371
EAS-US	2025-08-20 18:00:00	16.335	27.887	0.351	7.204	8.576	2.025
EAS-US	2025-08-20 19:00:00	16.227	28.307	0.349	7.333	8.544	2.022
EAS-US	2025-08-20 20:00:00	16.108	28.170	0.352	7.239	8.563	2.009
EAS-US	2025-08-20 21:00:00	15.977	28.261	0.363	6.996	8.575	2.051
EAS-US	2025-08-20 22:00:00	15.845	28.292	0.364	7.018	8.620	1.977
EAS-US	2025-08-20 23:00:00	15.709	25.934	0.345	7.416	8.658	1.978
EAS-US	2025-08-21 00:00:00	15.568	28.083	0.356	7.235	8.679	1.934
EAS-US	2025-08-21 01:00:00	15.410	27.975	0.353	7.244	8.735	1.964
EAS-US	2025-08-21 02:00:00	15.240	27.866	0.366	7.005	8.776	1.943
EAS-US	2025-08-21 03:00:00	15.073	25.390	0.373	6.954	8.804	1.938
EAS-US	2025-08-21 04:00:00	14.915	25.069	0.345	7.423	8.849	1.929
EAS-US	2025-08-21 05:00:00	14.780	27.667	0.354	7.237	8.882	1.853
EAS-US	2025-08-21 06:00:00	14.656	27.647	0.354	7.194	8.922	1.843
EAS-US	2025-08-21 07:00:00	14.573	27.507	0.354	7.238	8.931	1.801
EAS-US	2025-08-21 08:00:00	14.539	24.924	0.352	7.289	8.993	1.860
EAS-US	2025-08-21 09:00:00	14.616	27.344	0.353	7.271	9.029	1.881
EAS-US	2025-08-21 10:00:00	14.790	27.309	0.362	7.032	9.032	1.864
EAS-US	2025-08-21 11:00:00	15.622	27.348	0.359	7.073	9.024	1.943
EAS-US	2025-08-21 12:00:00	15.859	27.418	0.359	7.043	8.942	2.029
EAS-US	2025-08-21 13:00:00	15.871	27.442	0.345	7.320	8.862	1.995
EAS-US	2025-08-21 14:00:00	16.065	27.461	0.357	7.076	8.788	2.045
EAS-US	2025-08-21 15:00:00	16.249	27.587	0.358	7.072	8.697	2.005
EAS-US	2025-08-21 16:00:00	16.292	27.669	0.352	7.227	8.643	2.058
EAS-US	2025-08-21 17:00:00	16.295	27.873	0.366	7.023	8.572	2.134
EAS-US	2025-08-21 18:00:00	16.297	28.115	0.366	7.008	8.546	2.016
EAS-US	2025-08-21 19:00:00	16.232	28.352	0.354	7.206	8.505	2.033
EAS-US	2025-08-21 20:00:00	16.195	28.375	0.364	7.016	8.490	2.063
EAS-US	2025-08-21 21:00:00	16.115	26.139	0.351	7.281	8.508	2.070
EAS-US	2025-08-21 22:00:00	16.011	25.867	0.372	6.960	8.526	2.000
EAS-US	2025-08-21 23:00:00	15.894	28.405	0.357	7.208	8.556	1.982
EAS-US	2025-08-22 00:00:00	15.763	28.325	0.354	7.236	8.600	1.977
EAS-US	2025-08-22 01:00:00	15.650	28.297	0.353	7.232	8.632	1.939
EAS-US	2025-08-22 02:00:00	15.528	28.156	0.365	7.014	8.664	1.911
EAS-US	2025-08-22 03:00:00	15.404	25.289	0.343	7.411	8.687	1.999
EAS-US	2025-08-22 04:00:00	15.277	25.418	0.344	7.417	8.720	1.985
EAS-US	2025-08-22 05:00:00	15.169	27.944	0.352	7.274	8.729	1.938
EAS-US	2025-08-22 06:00:00	15.067	25.831	0.352	7.328	8.778	1.903
EAS-US	2025-08-22 07:00:00	14.981	27.777	0.362	7.040	8.792	2.016
EAS-US	2025-08-22 08:00:00	14.940	25.429	0.344	7.417	8.820	1.893
EAS-US	2025-08-22 09:00:00	15.006	24.938	0.344	7.422	8.827	1.940
EAS-US	2025-08-22 10:00:00	15.208	25.283	0.350	7.354	8.858	1.895
EAS-US	2025-08-22 11:00:00	16.150	27.640	0.358	7.074	8.896	2.022
EAS-US	2025-08-22 12:00:00	16.475	25.949	0.341	7.415	8.812	2.046
EAS-US	2025-08-22 13:00:00	16.486	27.870	0.345	7.320	8.698	2.038
EAS-US	2025-08-22 14:00:00	16.656	27.846	0.349	7.269	8.642	2.199

Woodfibre LNG (East Creek)							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-US	2025-08-22 15:00:00	16.838	25.406	0.337	7.475	8.536	2.237
EAS-US	2025-08-22 16:00:00	16.855	28.158	0.361	7.051	8.469	2.133
EAS-US	2025-08-22 17:00:00	16.865	26.704	0.349	7.314	8.418	2.132
EAS-US	2025-08-22 18:00:00	16.862	26.098	0.347	7.285	8.370	2.104
EAS-US	2025-08-22 19:00:00	16.803	28.634	0.361	7.014	8.347	2.099
EAS-US	2025-08-22 20:00:00	16.747	28.640	0.353	7.139	8.316	2.132
EAS-US	2025-08-22 21:00:00	16.643	28.782	0.364	6.986	8.357	2.038
EAS-US	2025-08-22 22:00:00	16.512	25.901	0.341	7.379	8.351	2.082
EAS-US	2025-08-22 23:00:00	16.364	28.725	0.362	7.012	8.407	2.011
EAS-US	2025-08-23 00:00:00	16.219	28.672	0.352	7.159	8.465	2.018
EAS-US	2025-08-23 01:00:00	16.092	28.614	0.363	7.005	8.497	2.008
EAS-US	2025-08-23 02:00:00	15.962	28.525	0.350	7.245	8.517	1.957
EAS-US	2025-08-23 03:00:00	15.842	28.461	0.356	7.166	8.570	1.970
EAS-US	2025-08-23 04:00:00	15.737	28.403	0.354	7.167	8.581	2.228
EAS-US	2025-08-23 05:00:00	15.620	28.352	0.364	7.013	8.606	1.962
EAS-US	2025-08-23 06:00:00	15.515	25.726	0.351	7.296	8.657	1.948
EAS-US	2025-08-23 07:00:00	15.434	28.150	0.354	7.183	8.677	1.932
EAS-US	2025-08-23 08:00:00	15.404	28.097	0.349	7.184	8.713	1.931
EAS-US	2025-08-23 09:00:00	15.469	27.982	0.347	7.272	8.729	1.958
EAS-US	2025-08-23 10:00:00	15.647	27.956	0.348	7.310	8.738	2.035
EAS-US	2025-08-23 11:00:00	16.615	27.594	0.336	7.390	8.811	2.078
EAS-US	2025-08-23 12:00:00	16.906	28.145	0.352	7.100	8.707	2.125
EAS-US	2025-08-23 13:00:00	16.831	28.120	0.356	7.083	8.607	2.061
EAS-US	2025-08-23 14:00:00	17.049	28.184	0.340	7.354	8.542	2.082
EAS-US	2025-08-23 15:00:00	17.194	26.042	0.341	7.372	8.445	2.114
EAS-US	2025-08-23 16:00:00	17.290	28.395	0.349	7.207	8.400	2.169
EAS-US	2025-08-23 17:00:00	17.273	28.637	0.349	7.234	8.296	2.152
EAS-US	2025-08-23 18:00:00	17.263	28.783	0.365	6.990	8.253	2.147
EAS-US	2025-08-23 19:00:00	17.205	28.894	0.365	6.994	8.217	2.142
EAS-US	2025-08-23 20:00:00	17.166	28.863	0.354	7.188	8.214	2.199
EAS-US	2025-08-23 21:00:00	17.078	29.001	0.366	6.973	8.210	2.127
EAS-US	2025-08-23 22:00:00	16.961	29.001	0.358	7.013	8.239	2.120
EAS-US	2025-08-23 23:00:00	16.817	28.959	0.362	6.970	8.291	2.096
EAS-US	2025-08-24 00:00:00	16.674	28.910	0.357	6.998	8.342	2.122
EAS-US	2025-08-24 01:00:00	16.547	28.839	0.361	6.986	8.361	2.207
EAS-US	2025-08-24 02:00:00	16.404	28.778	0.358	7.030	8.399	2.072
EAS-US	2025-08-24 03:00:00	16.278	28.694	0.350	7.164	8.442	2.070
EAS-US	2025-08-24 04:00:00	16.142	28.613	0.355	7.035	8.465	2.025
EAS-US	2025-08-24 05:00:00	16.024	28.554	0.349	7.166	8.498	2.021
EAS-US	2025-08-24 06:00:00	15.909	27.080	0.349	7.311	8.526	2.043
EAS-US	2025-08-24 07:00:00	15.824	28.364	0.350	7.252	8.552	1.968
EAS-US	2025-08-24 08:00:00	15.782	28.293	0.362	7.033	8.592	2.175
EAS-US	2025-08-24 09:00:00	15.844	25.761	0.348	7.337	8.627	1.991
EAS-US	2025-08-24 10:00:00	16.014	28.147	0.363	7.029	8.648	1.981
EAS-US	2025-08-24 11:00:00	16.991	28.073	0.355	7.124	8.777	2.112
EAS-US	2025-08-24 12:00:00	17.236	28.285	0.346	7.253	8.641	2.209
EAS-US	2025-08-24 13:00:00	17.132	28.324	0.348	7.242	8.564	2.189
EAS-US	2025-08-24 14:00:00	17.381	28.284	0.355	7.125	8.491	2.200
EAS-US	2025-08-24 15:00:00	17.521	28.392	0.343	7.337	8.379	2.196
EAS-US	2025-08-24 16:00:00	17.554	27.409	0.347	7.377	8.342	2.211
EAS-US	2025-08-24 17:00:00	17.560	28.839	0.354	7.228	8.230	2.187
EAS-US	2025-08-24 18:00:00	17.532	29.033	0.368	6.990	8.166	2.212
EAS-US	2025-08-24 19:00:00	17.436	29.292	0.358	7.115	8.141	2.201
EAS-US	2025-08-24 20:00:00		29.361				
EAS-US	2025-08-24 21:00:00	17.283	29.488	0.365	7.019	8.126	2.189
EAS-US	2025-08-24 22:00:00	17.186	27.058	0.352	7.292	8.160	2.107
EAS-US	2025-08-24 23:00:00	17.066	26.408	0.350	7.316	8.202	2.157
EAS-US	2025-08-25 00:00:00	16.948	26.749	0.349	7.323	8.251	2.119





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

Reporting Week	Aug 18 th to Aug 24 th , 2025
Report #	74
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. #: 111602

Attention: Brett Lucas

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

Report Date: 2025/08/27

Report #: R3703467

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C571768

Received: 2025/08/19, 17:20

Sample Matrix: Water

Samples Received: 7

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	3	N/A	2025/08/21	BBY6SOP-00026	SM 24 2320 B m
Alkalinity @25C (pp, total), CO3,HCO3,OH	4	N/A	2025/08/22	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	7	N/A	2025/08/21	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	7	N/A	2025/08/27		
Total Hexavalent Chromium	7	N/A	2025/08/27	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	6	N/A	2025/08/22	BBY6SOP-00053	SM 24 5310 B m
Carbon (DOC) -Lab Filtered (2)	1	N/A	2025/08/25	BBY6SOP-00053	SM 24 5310 B m
Fluoride	7	N/A	2025/08/23	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	1	N/A	2025/08/25	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	7	N/A	2025/08/27		Auto Calc
Un-ionized Hydrogen Sulphide as S Calc	5	N/A	2025/08/27	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	2	N/A	2025/08/26	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	5	N/A	2025/08/27	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	7	N/A	2025/08/27	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	7	2025/08/26	2025/08/26	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	1	2025/08/21	2025/08/22	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	6	2025/08/27	2025/08/27	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	7	N/A	2025/08/25	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	1	2025/08/22	2025/08/22	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	7	N/A	2025/08/27	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	7	N/A	2025/08/27	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	2	2025/08/25	2025/08/25	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	2	2025/08/26	2025/08/27	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	2	N/A	2025/08/26	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	5	N/A	2025/08/27	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	3	N/A	2025/08/26	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	7	N/A	2025/08/26	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	7	N/A	2025/08/22	AB SOP-00007	SM 24 4500 NH3 A G m



Your P.O. #: 4800010213
Your Project #: Fortis11234/PE-110163
Site Location: Woodfibre Pipeline Project
Your C.O.C. #: 111602

Attention: Brett Lucas

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

Report Date: 2025/08/27

Report #: R3703467

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C571768

Received: 2025/08/19, 17:20

Sample Matrix: Water
Samples Received: 7

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Nitrate + Nitrite (N)	6	N/A	2025/08/21	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrate + Nitrite (N)	1	N/A	2025/08/22	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	6	N/A	2025/08/21	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrite (N) Regular Level Water	1	N/A	2025/08/22	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	6	N/A	2025/08/22	BBY WI-00033	Auto Calc
Nitrogen - Nitrate (as N)	1	N/A	2025/08/23	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	1	2025/08/22	2025/08/22	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	1	N/A	2025/08/26	BBY WI-00033	Auto Calc
pH @25°C (6)	3	N/A	2025/08/21	BBY6SOP-00026	SM 24 4500-H+ B m
pH @25°C (6)	4	N/A	2025/08/22	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	1	N/A	2025/08/25	AB SOP-00088	EPA 9066 R0 m
Total Sulphide (1)	7	2025/08/26	2025/08/27	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	7	2025/08/25	2025/08/26	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	1	N/A	2025/08/26	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	5	N/A	2025/08/22	BBY6SOP-00053	SM 24 5310 B m
Carbon (Total Organic) (8)	2	N/A	2025/08/23	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	7	2025/08/22	2025/08/23	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	1	2025/08/22	2025/08/25	BBY6SOP-00034	SM 24 2540 D m
Total Suspended Solids (NFR)	6	2025/08/25	2025/08/26	BBY6SOP-00034	SM 24 2540 D m
Field pH	5	N/A	2025/08/20	Field Test	Field Test
Field Temperature	5	N/A	2025/08/20	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	1	N/A	2025/08/22	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	1	N/A	2025/08/22	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



Your P.O. #: 4800010213
Your Project #: Fortis11234/PE-110163
Site Location: Woodfibre Pipeline Project
Your C.O.C. #: 111602

Attention: Brett Lucas

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

Report Date: 2025/08/27
Report #: R3703467
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C571768

Received: 2025/08/19, 17:20

writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Your P.O. #: 4800010213
Your Project #: Fortis11234/PE-110163
Site Location: Woodfibre Pipeline Project
Your C.O.C. #: 111602

Attention: Brett Lucas

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

Report Date: 2025/08/27
Report #: R3703467
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C571768

Received: 2025/08/19, 17:20

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

=====

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.



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DRG172			DRG172			DRG173		
Sampling Date		2025/08/19			2025/08/19			2025/08/19		
COC Number		111602			111602			111602		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	<0.0050	0.0050	C057920				<0.0050	0.0050	C057911
Calculated Parameters										
Total Chromium III	mg/L	<0.00099	0.00099	C055913				<0.00099	0.00099	C055913
Dissolved Hardness (CaCO ₃)	mg/L	56.4	0.50	C056857				58.3	0.50	C056857
Total Hardness (CaCO ₃)	mg/L	52.1	0.50	C056855				56.2	0.50	C056855
Nitrate (N)	mg/L	<0.020	0.020	C055539				<0.020	0.020	C055539
Sulphide (as H ₂ S)	mg/L	<0.0020	0.0020	C056880				<0.0020	0.0020	C056880
Field Parameters										
Field pH	pH	7.38	N/A	ONSITE				6.42	N/A	ONSITE
Field Temperature	°C	12.3	N/A	ONSITE				12.5	N/A	ONSITE
Misc. Inorganics										
pH	pH	7.48	N/A	C057856	7.63	N/A	C057856	7.62	N/A	C058507
Total Organic Carbon (C)	mg/L	1.4	0.50	C059763				1.6	0.50	C059763
Total Dissolved Solids	mg/L	110	10	C061407				120	10	C061407
Total Suspended Solids	mg/L	4.0	1.0	C061713				26	1.0	C061713
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.1	0.50	C061622	1.1	0.50	C061622	1.1	0.50	C058460
Anions										
Alkalinity (PP as CaCO ₃)	mg/L	<1.0	1.0	C057863	<1.0	1.0	C057863	<1.0	1.0	C058509
Alkalinity (Total as CaCO ₃)	mg/L	43	1.0	C057863	46	1.0	C057863	45	1.0	C058509
Bicarbonate (HCO ₃)	mg/L	52	1.0	C057863	56	1.0	C057863	55	1.0	C058509
Carbonate (CO ₃)	mg/L	<1.0	1.0	C057863	<1.0	1.0	C057863	<1.0	1.0	C058509
Dissolved Fluoride (F)	mg/L	0.25	0.050	C059477				0.26	0.050	C059477
Hydroxide (OH)	mg/L	<1.0	1.0	C057863	<1.0	1.0	C057863	<1.0	1.0	C058509
Total Sulphide	mg/L	<0.0018	0.0018	C063481				<0.0018	0.0018	C063481
Chloride (Cl)	mg/L	11	1.0	C058009				12	1.0	C058009
Sulphate (SO ₄)	mg/L	8.3	1.0	C058009				8.5	1.0	C058009
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	<0.00099	0.00099	C064241				<0.00099	0.00099	C064241
RDL = Reportable Detection Limit										
Lab-Dup = Laboratory Initiated Duplicate										
N/A = Not Applicable										



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DRG172			DRG172			DRG173		
Sampling Date		2025/08/19			2025/08/19			2025/08/19		
COC Number		111602			111602			111602		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch

Nutrients

Total Ammonia (N)	mg/L	<0.015	0.015	C058549				<0.015	0.015	C058549
Total Phosphorus (P)	mg/L	0.0035	0.0010	C059005				0.0040	0.0010	C059005
Nitrate plus Nitrite (N)	mg/L	<0.020	0.020	C057919				<0.020	0.020	C057910
Total Nitrogen (N)	mg/L	0.131	0.020	C059457				0.203	0.020	C059457

Misc. Organics

Phenols	mg/L							<0.0015	0.0015	C061786
---------	------	--	--	--	--	--	--	---------	--------	---------

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DRG173			DRG174		DRG175		
Sampling Date		2025/08/19			2025/08/19		2025/08/19		
COC Number		111602			111602		111602		
	UNITS	WLNG-EOP Lab-Dup	RDL	QC Batch	WLNG-US	QC Batch	SQRI-US	RDL	QC Batch

ANIONS

Nitrite (N)	mg/L				<0.0050	C057911	<0.0050	0.0050	C057911
-------------	------	--	--	--	---------	---------	---------	--------	---------

Calculated Parameters

Total Chromium III	mg/L				<0.00099	C055913	0.0014	0.00099	C055913
Dissolved Hardness (CaCO ₃)	mg/L				9.98	C056857	12.6	0.50	C056857
Total Hardness (CaCO ₃)	mg/L				9.57	C056855	19.8	0.50	C056855
Nitrate (N)	mg/L				0.068	C055539	0.035	0.020	C055539
Sulphide (as H ₂ S)	mg/L				<0.0020	C056880	0.0051	0.0020	C055724

Field Parameters

Field pH	pH				6.64	ONSITE	5.52	N/A	ONSITE
Field Temperature	°C				15	ONSITE	12.6	N/A	ONSITE

Misc. Inorganics

pH	pH				6.85	C058507	6.90	N/A	C058558
Total Organic Carbon (C)	mg/L				2.3	C059763	0.90	0.50	C059763
Total Dissolved Solids	mg/L				44	C061407	52	10	C061407
Total Suspended Solids	mg/L				<1.0	C061713	200	1.0	C061729

Lab Filtered Inorganics

Dissolved Organic Carbon (C)	mg/L				2.1	C058460	<0.50	0.50	C058460
------------------------------	------	--	--	--	-----	---------	-------	------	---------

Anions

Alkalinity (PP as CaCO ₃)	mg/L				<1.0	C058509	<1.0	1.0	C058562
Alkalinity (Total as CaCO ₃)	mg/L				9.0	C058509	10	1.0	C058562
Bicarbonate (HCO ₃)	mg/L				11	C058509	13	1.0	C058562
Carbonate (CO ₃)	mg/L				<1.0	C058509	<1.0	1.0	C058562
Dissolved Fluoride (F)	mg/L				<0.050	C059754	<0.050	0.050	C059477
Hydroxide (OH)	mg/L				<1.0	C058509	<1.0	1.0	C058562
Total Sulphide	mg/L				<0.0018	C063481	0.0048 (1)	0.0018	C063481
Chloride (Cl)	mg/L				<1.0	C058009	1.1	1.0	C058009
Sulphate (SO ₄)	mg/L				1.9	C058009	3.2	1.0	C058009

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable

(1) Matrix spike exceeds acceptance limits due to matrix interference. Unable to reanalyze due to insufficient sample.



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DRG173			DRG174		DRG175		
Sampling Date		2025/08/19			2025/08/19		2025/08/19		
COC Number		111602			111602		111602		
	UNITS	WLNG-EOP Lab-Dup	RDL	QC Batch	WLNG-US	QC Batch	SQRI-US	RDL	QC Batch
Metals									
Total Hex. Chromium (Cr 6+)	mg/L				<0.00099	C064241	<0.00099	0.00099	C064241
Nutrients									
Total Ammonia (N)	mg/L				<0.015	C058549	0.073	0.015	C058549
Total Phosphorus (P)	mg/L				0.011	C059005	0.21	0.0010	C059005
Nitrate plus Nitrite (N)	mg/L				0.068	C057910	0.035	0.020	C057910
Total Nitrogen (N)	mg/L				0.130	C059457	0.123	0.020	C059457
Misc. Organics									
Phenols	mg/L	<0.0015	0.0015	C061786					

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DRG175			DRG176			DRG177		
Sampling Date		2025/08/19			2025/08/19			2025/08/19		
COC Number		111602			111602			111602		
	UNITS	SQRI-US Lab-Dup	RDL	QC Batch	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L				<0.0050	0.0050	C057911	<0.0050	0.0050	C057911
Calculated Parameters										
Total Chromium III	mg/L				0.0017	0.00099	C055913	<0.00099	0.00099	C055913
Dissolved Hardness (CaCO ₃)	mg/L				11.4	0.50	C056857	<0.50	0.50	C056857
Total Hardness (CaCO ₃)	mg/L				20.8	0.50	C056855	<0.50	0.50	C056855
Nitrate (N)	mg/L				0.027	0.020	C055539	<0.020	0.020	C055539
Sulphide (as H ₂ S)	mg/L				0.0091	0.0020	C055724	<0.0020	0.0020	C055724
Field Parameters										
Field pH	pH				6	N/A	ONSITE			
Field Temperature	°C				12.1	N/A	ONSITE			
Misc. Inorganics										
pH	pH				6.80	N/A	C058558	5.92	N/A	C058558
Total Organic Carbon (C)	mg/L				0.88	0.50	C059763	<0.50	0.50	C059763
Total Dissolved Solids	mg/L				52	10	C061407	<10	10	C061407
Total Suspended Solids	mg/L	200	1.0	C061729	190	1.0	C061729	<1.0	1.0	C061729
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L				0.51	0.50	C058460	<0.50	0.50	C058460
Anions										
Alkalinity (PP as CaCO ₃)	mg/L				<1.0	1.0	C058562	<1.0	1.0	C058562
Alkalinity (Total as CaCO ₃)	mg/L				9.4	1.0	C058562	<1.0	1.0	C058562
Bicarbonate (HCO ₃)	mg/L				12	1.0	C058562	<1.0	1.0	C058562
Carbonate (CO ₃)	mg/L				<1.0	1.0	C058562	<1.0	1.0	C058562
Dissolved Fluoride (F)	mg/L				<0.050	0.050	C059754	<0.050	0.050	C059754
Hydroxide (OH)	mg/L				<1.0	1.0	C058562	<1.0	1.0	C058562
Total Sulphide	mg/L				0.0086	0.0018	C063481	<0.0018	0.0018	C063481
Chloride (Cl)	mg/L				1.5	1.0	C058009	<1.0	1.0	C058009
Sulphate (SO ₄)	mg/L				2.8	1.0	C058009	<1.0	1.0	C058009
Metals										
Total Hex. Chromium (Cr 6+)	mg/L				<0.00099	0.00099	C064241	<0.00099	0.00099	C064241
RDL = Reportable Detection Limit										
Lab-Dup = Laboratory Initiated Duplicate										
N/A = Not Applicable										



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DRG175			DRG176			DRG177		
Sampling Date		2025/08/19			2025/08/19			2025/08/19		
COC Number		111602			111602			111602		
	UNITS	SQRI-US Lab-Dup	RDL	QC Batch	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch

Nutrients

Total Ammonia (N)	mg/L				0.049	0.015	C058549	<0.015	0.015	C058549
Total Phosphorus (P)	mg/L				0.26	0.0010	C059005	<0.0010	0.0010	C059005
Nitrate plus Nitrite (N)	mg/L				0.027	0.020	C057910	<0.020	0.020	C057910
Total Nitrogen (N)	mg/L				0.123	0.020	C059457	<0.020	0.020	C059457

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DRG177			DRG178			DRG178		
Sampling Date		2025/08/19			2025/08/19			2025/08/19		
COC Number		111602			111602			111602		
	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				<0.0050	0.0050	C059789			
-------------	------	--	--	--	---------	--------	---------	--	--	--

Calculated Parameters

Total Chromium III	mg/L				<0.00099	0.00099	C055913			
Dissolved Hardness (CaCO ₃)	mg/L				<0.50	0.50	C056857			
Total Hardness (CaCO ₃)	mg/L				<0.50	0.50	C056855			
Nitrate (N)	mg/L				<0.020	0.020	C055539			
Sulphide (as H ₂ S)	mg/L				<0.0020	0.0020	C055724			

Misc. Inorganics

pH	pH				5.83	N/A	C058558			
Total Organic Carbon (C)	mg/L				<0.50	0.50	C059763			
Total Dissolved Solids	mg/L				<10	10	C061407	<10	10	C061407
Total Suspended Solids	mg/L				<1.0	1.0	C060003			

Lab Filtered Inorganics

Dissolved Organic Carbon (C)	mg/L				<0.50	0.50	C058460			
------------------------------	------	--	--	--	-------	------	---------	--	--	--

Anions

Alkalinity (PP as CaCO ₃)	mg/L				<1.0	1.0	C058562			
Alkalinity (Total as CaCO ₃)	mg/L				<1.0	1.0	C058562			
Bicarbonate (HCO ₃)	mg/L				<1.0	1.0	C058562			
Carbonate (CO ₃)	mg/L				<1.0	1.0	C058562			
Dissolved Fluoride (F)	mg/L				<0.050	0.050	C059754			
Hydroxide (OH)	mg/L				<1.0	1.0	C058562			
Total Sulphide	mg/L				<0.0018	0.0018	C063481	<0.0018	0.0018	C063481
Chloride (Cl)	mg/L				<1.0	1.0	C058009			
Sulphate (SO ₄)	mg/L				<1.0	1.0	C058009			

Metals

Total Hex. Chromium (Cr 6+)	mg/L				<0.00099	0.00099	C064241	<0.00099	0.00099	C064241
-----------------------------	------	--	--	--	----------	---------	---------	----------	---------	---------

Nutrients

Total Ammonia (N)	mg/L	<0.015	0.015	C058549	<0.015	0.015	C058549			
-------------------	------	--------	-------	---------	--------	-------	---------	--	--	--

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DRG177			DRG178			DRG178		
Sampling Date		2025/08/19			2025/08/19			2025/08/19		
COC Number		111602			111602			111602		
	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				<0.0010	0.0010	C059005			
Nitrate plus Nitrite (N)	mg/L				<0.020	0.020	C059784			
Total Nitrogen (N)	mg/L				<0.020	0.020	C059457	<0.020	0.020	C059457

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DRG173		
Sampling Date		2025/08/19		
COC Number		111602		
	UNITS	WLNG-EOP	RDL	QC Batch
Glycols				
Ethylene Glycol	mg/L	<3.0	3.0	C061153
Diethylene Glycol	mg/L	<5.0	5.0	C061153
Triethylene Glycol	mg/L	<5.0	5.0	C061153
Propylene Glycol	mg/L	<5.0	5.0	C061153
Surrogate Recovery (%)				
Methyl Sulfone (sur.)	%	96		C061153
RDL = Reportable Detection Limit				



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DRG172			DRG172			DRG173	DRG174		
Sampling Date		2025/08/19			2025/08/19			2025/08/19	2025/08/19		
COC Number		111602			111602			111602	111602		
	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	<0.0019	0.0019	C058542				<0.0019	<0.0019	0.0019	C064069
--------------------	------	---------	--------	---------	--	--	--	---------	---------	--------	---------

Lab Filtered Elements

Dissolved Mercury (Hg)	ug/L	<0.0019	0.0019	C063132	<0.0019	0.0019	C063132	<0.0019	<0.0019	0.0019	C063132
------------------------	------	---------	--------	---------	---------	--------	---------	---------	---------	--------	---------

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

Bureau Veritas ID		DRG175	DRG176	DRG177	DRG178		
Sampling Date		2025/08/19	2025/08/19	2025/08/19	2025/08/19		
COC Number		111602	111602	111602	111602		
	UNITS	SQRI-US	SQRI-DS	Field Blank	Trip Blank	RDL	QC Batch

Elements

Total Mercury (Hg)	ug/L	<0.0019	0.0022	<0.0019	<0.0019	0.0019	C064069
--------------------	------	---------	--------	---------	---------	--------	---------

Lab Filtered Elements

Dissolved Mercury (Hg)	ug/L	<0.0019	<0.0019	<0.0019	<0.0019	0.0019	C063132
------------------------	------	---------	---------	---------	---------	--------	---------

RDL = Reportable Detection Limit



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRG172			DRG172			DRG173		
Sampling Date		2025/08/19			2025/08/19			2025/08/19		
COC Number		111602			111602			111602		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch

ANIONS

Bromide (Br)	mg/L	<0.010	0.010	C061495				<0.010	0.010	C061495
--------------	------	--------	-------	---------	--	--	--	--------	-------	---------

Dissolved Metals by ICPMS

Dissolved Calcium (Ca)	mg/L	21.0	0.050	C055537				21.7	0.050	C055537
Dissolved Magnesium (Mg)	mg/L	0.981	0.050	C055537				0.983	0.050	C055537
Dissolved Potassium (K)	mg/L	1.58	0.050	C055537				1.71	0.050	C055537
Dissolved Sodium (Na)	mg/L	6.73	0.050	C055537				6.92	0.050	C055537
Dissolved Sulphur (S)	mg/L	<3.0	3.0	C055537				3.0	3.0	C055537

Lab Filtered Metals

Dissolved Aluminum (Al)	ug/L	77.7	0.50	C062656	78.0	0.50	C062656	60.3	0.50	C062656
Dissolved Antimony (Sb)	ug/L	0.311	0.020	C062656	0.322	0.020	C062656	0.381	0.020	C062656
Dissolved Arsenic (As)	ug/L	1.18	0.020	C062656	1.17	0.020	C062656	1.18	0.020	C062656
Dissolved Barium (Ba)	ug/L	6.78	0.020	C062656	6.76	0.020	C062656	6.66	0.020	C062656
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	C062656	<0.010	0.010	C062656	<0.010	0.010	C062656
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656
Dissolved Boron (B)	ug/L	15	10	C062656	14	10	C062656	15	10	C062656
Dissolved Cadmium (Cd)	ug/L	0.0128	0.0050	C062656	0.0128	0.0050	C062656	0.0116	0.0050	C062656
Dissolved Cesium (Cs)	ug/L	<0.050	0.050	C062656	<0.050	0.050	C062656	<0.050	0.050	C062656
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	C062656	<0.10	0.10	C062656	<0.10	0.10	C062656
Dissolved Cobalt (Co)	ug/L	0.0769	0.0050	C062656	0.0770	0.0050	C062656	0.0745	0.0050	C062656
Dissolved Copper (Cu)	ug/L	0.064	0.050	C062656	0.059	0.050	C062656	0.215	0.050	C062656
Dissolved Iron (Fe)	ug/L	1.2	1.0	C062656	1.2	1.0	C062656	<1.0	1.0	C062656
Dissolved Lead (Pb)	ug/L	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656	0.0059	0.0050	C062656
Dissolved Lithium (Li)	ug/L	3.74	0.50	C062656	3.69	0.50	C062656	3.75	0.50	C062656
Dissolved Manganese (Mn)	ug/L	37.0	0.050	C062656	37.3	0.050	C062656	42.3	0.050	C062656
Dissolved Molybdenum (Mo)	ug/L	19.9	0.050	C062656	19.9	0.050	C062656	21.1	0.050	C062656
Dissolved Nickel (Ni)	ug/L	0.158	0.020	C062656	0.182	0.020	C062656	0.169	0.020	C062656
Dissolved Phosphorus (P)	ug/L	<2.0	2.0	C062656	<2.0	2.0	C062656	<2.0	2.0	C062656
Dissolved Rubidium (Rb)	ug/L	3.18	0.050	C062656	3.22	0.050	C062656	3.22	0.050	C062656
Dissolved Selenium (Se)	ug/L	<0.040	0.040	C062656	<0.040	0.040	C062656	<0.040	0.040	C062656
Dissolved Silicon (Si)	ug/L	6870	50	C062656	6770	50	C062656	6890	50	C062656

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRG172			DRG172			DRG173		
Sampling Date		2025/08/19			2025/08/19			2025/08/19		
COC Number		111602			111602			111602		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656
Dissolved Strontium (Sr)	ug/L	45.4	0.050	C062656	46.1	0.050	C062656	45.8	0.050	C062656
Dissolved Tellurium (Te)	ug/L	<0.020	0.020	C062656	<0.020	0.020	C062656	<0.020	0.020	C062656
Dissolved Thallium (Tl)	ug/L	0.0102	0.0020	C062656	0.0116	0.0020	C062656	0.0117	0.0020	C062656
Dissolved Thorium (Th)	ug/L	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656
Dissolved Tin (Sn)	ug/L	<0.20	0.20	C062656	<0.20	0.20	C062656	<0.20	0.20	C062656
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	C062656	<0.50	0.50	C062656	<0.50	0.50	C062656
Dissolved Uranium (U)	ug/L	0.382	0.0020	C062656	0.364	0.0020	C062656	0.325	0.0020	C062656
Dissolved Vanadium (V)	ug/L	<0.20	0.20	C062656	<0.20	0.20	C062656	<0.20	0.20	C062656
Dissolved Zinc (Zn)	ug/L	1.19	0.10	C062656	1.31	0.10	C062656	1.69	0.10	C062656
Dissolved Zirconium (Zr)	ug/L	<0.10	0.10	C062656	<0.10	0.10	C062656	<0.10	0.10	C062656
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	217	3.0	C062755				432	0.50	C059470
Total Antimony (Sb)	ug/L	0.304	0.020	C062755				0.397	0.020	C059470
Total Arsenic (As)	ug/L	1.20	0.020	C062755				1.27	0.020	C059470
Total Barium (Ba)	ug/L	6.72	0.050	C062755				8.30	0.020	C059470
Total Beryllium (Be)	ug/L	<0.010	0.010	C062755				<0.010	0.010	C059470
Total Bismuth (Bi)	ug/L	<0.010	0.010	C062755				<0.0050	0.0050	C059470
Total Boron (B)	ug/L	14	10	C062755				16	10	C059470
Total Cadmium (Cd)	ug/L	0.0140	0.0050	C062755				0.0173	0.0050	C059470
Total Cesium (Cs)	ug/L	<0.050	0.050	C062755				0.053	0.050	C059470
Total Chromium (Cr)	ug/L	0.15	0.10	C062755				<0.10	0.10	C059470
Total Cobalt (Co)	ug/L	0.080	0.010	C062755				0.0877	0.0050	C059470
Total Copper (Cu)	ug/L	0.21	0.10	C062755				1.10	0.050	C059470
Total Iron (Fe)	ug/L	39.4	5.0	C062755				128	1.0	C059470
Total Lead (Pb)	ug/L	<0.020	0.020	C062755				0.220	0.0050	C059470
Total Lithium (Li)	ug/L	3.45	0.50	C062755				4.08	0.50	C059470
Total Manganese (Mn)	ug/L	37.9	0.10	C062755				48.3	0.050	C059470
Total Molybdenum (Mo)	ug/L	20.0	0.050	C062755				21.3	0.050	C059470
Total Nickel (Ni)	ug/L	0.41	0.10	C062755				0.240	0.020	C059470
Total Phosphorus (P)	ug/L	<5.0	5.0	C062755				8.6	2.0	C059470

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRG172			DRG172			DRG173		
Sampling Date		2025/08/19			2025/08/19			2025/08/19		
COC Number		111602			111602			111602		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG-EOP	RDL	QC Batch
Total Rubidium (Rb)	ug/L	3.13	0.050	C062755				3.60	0.050	C059470
Total Selenium (Se)	ug/L	<0.040	0.040	C062755				<0.040	0.040	C059470
Total Silicon (Si)	ug/L	6540	50	C062755				6600	50	C059470
Total Silver (Ag)	ug/L	<0.010	0.010	C062755				<0.0050	0.0050	C059470
Total Strontium (Sr)	ug/L	45.9	0.050	C062755				48.9	0.050	C059470
Total Tellurium (Te)	ug/L	<0.020	0.020	C062755				<0.020	0.020	C059470
Total Thallium (Tl)	ug/L	0.0103	0.0020	C062755				0.0150	0.0020	C059470
Total Thorium (Th)	ug/L	<0.050	0.050	C062755				<0.050	0.050	C059470
Total Tin (Sn)	ug/L	<0.20	0.20	C062755				<0.20	0.20	C059470
Total Titanium (Ti)	ug/L	<2.0	2.0	C062755				4.81	0.50	C059470
Total Uranium (U)	ug/L	0.529	0.0050	C062755				0.665	0.0020	C059470
Total Vanadium (V)	ug/L	<0.20	0.20	C062755				0.23	0.20	C059470
Total Zinc (Zn)	ug/L	2.1	1.0	C062755				3.05	0.10	C059470
Total Zirconium (Zr)	ug/L	<0.10	0.10	C062755				<0.10	0.10	C059470
Total Calcium (Ca)	mg/L	19.4	0.25	C055538				20.7	0.050	C055538
Total Magnesium (Mg)	mg/L	0.92	0.25	C055538				1.06	0.050	C055538
Total Potassium (K)	mg/L	1.54	0.25	C055538				1.81	0.050	C055538
Total Sodium (Na)	mg/L	6.25	0.25	C055538				7.65	0.050	C055538
Total Sulphur (S)	mg/L	<3.0	3.0	C055538				3.2	3.0	C055538

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRG174		DRG175			DRG175		
Sampling Date		2025/08/19		2025/08/19			2025/08/19		
COC Number		111602		111602			111602		
	UNITS	WLNG-US	QC Batch	SQRI-US	RDL	QC Batch	SQRI-US Lab-Dup	RDL	QC Batch

ANIONS

Bromide (Br)	mg/L	<0.010	C061495	<0.010	0.010	C061502	<0.010	0.010	C061502
--------------	------	--------	---------	--------	-------	---------	--------	-------	---------

Dissolved Metals by ICPMS

Dissolved Calcium (Ca)	mg/L	3.34	C055537	4.27	0.050	C055537			
Dissolved Magnesium (Mg)	mg/L	0.396	C055537	0.477	0.050	C055537			
Dissolved Potassium (K)	mg/L	0.267	C055537	0.611	0.050	C055537			
Dissolved Sodium (Na)	mg/L	1.85	C055537	1.60	0.050	C055537			
Dissolved Sulphur (S)	mg/L	<3.0	C055537	<3.0	3.0	C055537			

Lab Filtered Metals

Dissolved Aluminum (Al)	ug/L	39.6	C062656	35.7	0.50	C062656			
Dissolved Antimony (Sb)	ug/L	0.032	C062656	<0.020	0.020	C062656			
Dissolved Arsenic (As)	ug/L	0.138	C062656	0.149	0.020	C062656			
Dissolved Barium (Ba)	ug/L	5.08	C062656	6.17	0.020	C062656			
Dissolved Beryllium (Be)	ug/L	<0.010	C062656	<0.010	0.010	C062656			
Dissolved Bismuth (Bi)	ug/L	<0.0050	C062656	<0.0050	0.0050	C062656			
Dissolved Boron (B)	ug/L	<10	C062656	<10	10	C062656			
Dissolved Cadmium (Cd)	ug/L	0.0083	C062656	0.0050	0.0050	C062656			
Dissolved Cesium (Cs)	ug/L	<0.050	C062656	<0.050	0.050	C062656			
Dissolved Chromium (Cr)	ug/L	<0.10	C062656	<0.10	0.10	C062656			
Dissolved Cobalt (Co)	ug/L	0.0210	C062656	0.0425	0.0050	C062656			
Dissolved Copper (Cu)	ug/L	0.730	C062656	0.424	0.050	C062656			
Dissolved Iron (Fe)	ug/L	37.3	C062656	24.8	1.0	C062656			
Dissolved Lead (Pb)	ug/L	0.0145	C062656	0.0127	0.0050	C062656			
Dissolved Lithium (Li)	ug/L	<0.50	C062656	0.87	0.50	C062656			
Dissolved Manganese (Mn)	ug/L	0.978	C062656	13.1	0.050	C062656			
Dissolved Molybdenum (Mo)	ug/L	0.524	C062656	0.446	0.050	C062656			
Dissolved Nickel (Ni)	ug/L	0.289	C062656	0.081	0.020	C062656			
Dissolved Phosphorus (P)	ug/L	6.4	C062656	8.2	2.0	C062656			
Dissolved Rubidium (Rb)	ug/L	0.641	C062656	0.942	0.050	C062656			
Dissolved Selenium (Se)	ug/L	<0.040	C062656	<0.040	0.040	C062656			
Dissolved Silicon (Si)	ug/L	4960	C062656	3400	50	C062656			

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRG174		DRG175			DRG175		
Sampling Date		2025/08/19		2025/08/19			2025/08/19		
COC Number		111602		111602			111602		
	UNITS	WLNG-US	QC Batch	SQRI-US	RDL	QC Batch	SQRI-US Lab-Dup	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	<0.0050	C062656	<0.0050	0.0050	C062656			
Dissolved Strontium (Sr)	ug/L	15.9	C062656	25.0	0.050	C062656			
Dissolved Tellurium (Te)	ug/L	<0.020	C062656	<0.020	0.020	C062656			
Dissolved Thallium (Tl)	ug/L	0.0028	C062656	0.0046	0.0020	C062656			
Dissolved Thorium (Th)	ug/L	0.0078	C062656	0.0051	0.0050	C062656			
Dissolved Tin (Sn)	ug/L	<0.20	C062656	<0.20	0.20	C062656			
Dissolved Titanium (Ti)	ug/L	<0.50	C062656	0.90	0.50	C062656			
Dissolved Uranium (U)	ug/L	0.0583	C062656	0.0144	0.0020	C062656			
Dissolved Vanadium (V)	ug/L	0.21	C062656	1.06	0.20	C062656			
Dissolved Zinc (Zn)	ug/L	0.59	C062656	<0.10	0.10	C062656			
Dissolved Zirconium (Zr)	ug/L	<0.10	C062656	<0.10	0.10	C062656			
Total Metals by ICPMS									
Total Aluminum (Al)	ug/L	62.5	C061324	3380	3.0	C061324			
Total Antimony (Sb)	ug/L	0.037	C061324	0.021	0.020	C061324			
Total Arsenic (As)	ug/L	0.138	C061324	0.399	0.020	C061324			
Total Barium (Ba)	ug/L	5.21	C061324	58.8	0.050	C061324			
Total Beryllium (Be)	ug/L	<0.010	C061324	0.047	0.010	C061324			
Total Bismuth (Bi)	ug/L	<0.010	C061324	<0.010	0.010	C061324			
Total Boron (B)	ug/L	<10	C061324	<10	10	C061324			
Total Cadmium (Cd)	ug/L	0.0050	C061324	0.0200	0.0050	C061324			
Total Cesium (Cs)	ug/L	<0.050	C061324	0.135	0.050	C061324			
Total Chromium (Cr)	ug/L	<0.10	C061324	1.42	0.10	C061324			
Total Cobalt (Co)	ug/L	0.035	C061324	1.44	0.010	C061324			
Total Copper (Cu)	ug/L	0.79	C061324	4.52	0.10	C061324			
Total Iron (Fe)	ug/L	75.0	C061324	3110	5.0	C061324			
Total Lead (Pb)	ug/L	0.036	C061324	0.489	0.020	C061324			
Total Lithium (Li)	ug/L	<0.50	C061324	2.73	0.50	C061324			
Total Manganese (Mn)	ug/L	2.07	C061324	93.6	0.10	C061324			
Total Molybdenum (Mo)	ug/L	0.536	C061324	0.424	0.050	C061324			
Total Nickel (Ni)	ug/L	0.25	C061324	1.51	0.10	C061324			
Total Phosphorus (P)	ug/L	11.2	C061324	171	5.0	C061324			

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRG174		DRG175			DRG175		
Sampling Date		2025/08/19		2025/08/19			2025/08/19		
COC Number		111602		111602			111602		
	UNITS	WLNG-US	QC Batch	SQRI-US	RDL	QC Batch	SQRI-US Lab-Dup	RDL	QC Batch
Total Rubidium (Rb)	ug/L	0.604	C061324	4.68	0.050	C061324			
Total Selenium (Se)	ug/L	<0.040	C061324	<0.040	0.040	C061324			
Total Silicon (Si)	ug/L	4680	C061324	8300	50	C061324			
Total Silver (Ag)	ug/L	<0.010	C061324	0.011	0.010	C061324			
Total Strontium (Sr)	ug/L	16.1	C061324	44.0	0.050	C061324			
Total Tellurium (Te)	ug/L	<0.020	C061324	<0.020	0.020	C061324			
Total Thallium (Tl)	ug/L	0.0030	C061324	0.0300	0.0020	C061324			
Total Thorium (Th)	ug/L	<0.050	C061324	0.110	0.050	C061324			
Total Tin (Sn)	ug/L	<0.20	C061324	<0.20	0.20	C061324			
Total Titanium (Ti)	ug/L	<2.0	C061324	201	2.0	C061324			
Total Uranium (U)	ug/L	0.0700	C061324	0.0970	0.0050	C061324			
Total Vanadium (V)	ug/L	0.24	C061324	7.59	0.20	C061324			
Total Zinc (Zn)	ug/L	1.9	C061324	10.7	1.0	C061324			
Total Zirconium (Zr)	ug/L	<0.10	C061324	0.36	0.10	C061324			
Total Calcium (Ca)	mg/L	3.22	C055538	4.86	0.25	C055538			
Total Magnesium (Mg)	mg/L	0.37	C055538	1.85	0.25	C055538			
Total Potassium (K)	mg/L	0.26	C055538	1.60	0.25	C055538			
Total Sodium (Na)	mg/L	1.72	C055538	1.91	0.25	C055538			
Total Sulphur (S)	mg/L	<3.0	C055538	<3.0	3.0	C055538			

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRG176			DRG177			DRG177		
Sampling Date		2025/08/19			2025/08/19			2025/08/19		
COC Number		111602			111602			111602		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch

ANIONS

Bromide (Br)	mg/L	<0.010	0.010	C061502	<0.010	0.010	C061502			
--------------	------	--------	-------	---------	--------	-------	---------	--	--	--

Dissolved Metals by ICPMS

Dissolved Calcium (Ca)	mg/L	3.86	0.050	C055537	<0.050	0.050	C055537			
Dissolved Magnesium (Mg)	mg/L	0.427	0.050	C055537	<0.050	0.050	C055537			
Dissolved Potassium (K)	mg/L	0.598	0.050	C055537	<0.050	0.050	C055537			
Dissolved Sodium (Na)	mg/L	1.42	0.050	C055537	<0.050	0.050	C055537			
Dissolved Sulphur (S)	mg/L	<3.0	3.0	C055537	<3.0	3.0	C055537			

Lab Filtered Metals

Dissolved Aluminum (Al)	ug/L	35.5	0.50	C062656	1.24	0.50	C062656	1.29	0.50	C062656
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	C062656	<0.020	0.020	C062656	<0.020	0.020	C062656
Dissolved Arsenic (As)	ug/L	0.152	0.020	C062656	<0.020	0.020	C062656	<0.020	0.020	C062656
Dissolved Barium (Ba)	ug/L	6.06	0.020	C062656	<0.020	0.020	C062656	<0.020	0.020	C062656
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	C062656	<0.010	0.010	C062656	<0.010	0.010	C062656
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656
Dissolved Boron (B)	ug/L	<10	10	C062656	<10	10	C062656	<10	10	C062656
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656
Dissolved Cesium (Cs)	ug/L	<0.050	0.050	C062656	<0.050	0.050	C062656	<0.050	0.050	C062656
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	C062656	<0.10	0.10	C062656	<0.10	0.10	C062656
Dissolved Cobalt (Co)	ug/L	0.0400	0.0050	C062656	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656
Dissolved Copper (Cu)	ug/L	0.388	0.050	C062656	<0.050	0.050	C062656	<0.050	0.050	C062656
Dissolved Iron (Fe)	ug/L	23.9	1.0	C062656	<1.0	1.0	C062656	<1.0	1.0	C062656
Dissolved Lead (Pb)	ug/L	0.0109	0.0050	C062656	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656
Dissolved Lithium (Li)	ug/L	0.91	0.50	C062656	<0.50	0.50	C062656	<0.50	0.50	C062656
Dissolved Manganese (Mn)	ug/L	12.5	0.050	C062656	<0.050	0.050	C062656	<0.050	0.050	C062656
Dissolved Molybdenum (Mo)	ug/L	0.413	0.050	C062656	<0.050	0.050	C062656	<0.050	0.050	C062656
Dissolved Nickel (Ni)	ug/L	0.067	0.020	C062656	<0.020	0.020	C062656	<0.020	0.020	C062656
Dissolved Phosphorus (P)	ug/L	6.8	2.0	C062656	<2.0	2.0	C062656	3.1	2.0	C062656
Dissolved Rubidium (Rb)	ug/L	0.958	0.050	C062656	<0.050	0.050	C062656	<0.050	0.050	C062656
Dissolved Selenium (Se)	ug/L	<0.040	0.040	C062656	<0.040	0.040	C062656	<0.040	0.040	C062656
Dissolved Silicon (Si)	ug/L	2900	50	C062656	<50	50	C062656	<50	50	C062656

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRG176	<th></th> <th>DRG177</th> <td></td> <th></th> <th>DRG177</th> <td></td> <td></td>		DRG177			DRG177		
Sampling Date		2025/08/19			2025/08/19			2025/08/19		
COC Number		111602			111602			111602		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656
Dissolved Strontium (Sr)	ug/L	22.4	0.050	C062656	0.071	0.050	C062656	0.074	0.050	C062656
Dissolved Tellurium (Te)	ug/L	<0.020	0.020	C062656	<0.020	0.020	C062656	<0.020	0.020	C062656
Dissolved Thallium (Tl)	ug/L	0.0039	0.0020	C062656	<0.0020	0.0020	C062656	<0.0020	0.0020	C062656
Dissolved Thorium (Th)	ug/L	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656	<0.0050	0.0050	C062656
Dissolved Tin (Sn)	ug/L	<0.20	0.20	C062656	<0.20	0.20	C062656	<0.20	0.20	C062656
Dissolved Titanium (Ti)	ug/L	1.10	0.50	C062656	<0.50	0.50	C062656	<0.50	0.50	C062656
Dissolved Uranium (U)	ug/L	0.0162	0.0020	C062656	<0.0020	0.0020	C062656	<0.0020	0.0020	C062656
Dissolved Vanadium (V)	ug/L	0.95	0.20	C062656	<0.20	0.20	C062656	<0.20	0.20	C062656
Dissolved Zinc (Zn)	ug/L	<0.10	0.10	C062656	<0.10	0.10	C062656	<0.10	0.10	C062656
Dissolved Zirconium (Zr)	ug/L	<0.10	0.10	C062656	<0.10	0.10	C062656	<0.10	0.10	C062656
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	3940	3.0	C062755	<0.50	0.50	C059470			
Total Antimony (Sb)	ug/L	<0.020	0.020	C062755	<0.020	0.020	C059470			
Total Arsenic (As)	ug/L	0.426	0.020	C062755	<0.020	0.020	C059470			
Total Barium (Ba)	ug/L	63.3	0.050	C062755	<0.020	0.020	C059470			
Total Beryllium (Be)	ug/L	0.047	0.010	C062755	<0.010	0.010	C059470			
Total Bismuth (Bi)	ug/L	0.010	0.010	C062755	<0.0050	0.0050	C059470			
Total Boron (B)	ug/L	<10	10	C062755	<10	10	C059470			
Total Cadmium (Cd)	ug/L	0.0153	0.0050	C062755	<0.0050	0.0050	C059470			
Total Cesium (Cs)	ug/L	0.163	0.050	C062755	<0.050	0.050	C059470			
Total Chromium (Cr)	ug/L	1.71	0.10	C062755	<0.10	0.10	C059470			
Total Cobalt (Co)	ug/L	1.68	0.010	C062755	<0.0050	0.0050	C059470			
Total Copper (Cu)	ug/L	4.88	0.10	C062755	<0.050	0.050	C059470			
Total Iron (Fe)	ug/L	3610	5.0	C062755	<1.0	1.0	C059470			
Total Lead (Pb)	ug/L	0.521	0.020	C062755	<0.0050	0.0050	C059470			
Total Lithium (Li)	ug/L	2.88	0.50	C062755	<0.50	0.50	C059470			
Total Manganese (Mn)	ug/L	107	0.10	C062755	<0.050	0.050	C059470			
Total Molybdenum (Mo)	ug/L	0.432	0.050	C062755	<0.050	0.050	C059470			
Total Nickel (Ni)	ug/L	1.81	0.10	C062755	<0.020	0.020	C059470			
Total Phosphorus (P)	ug/L	173	5.0	C062755	<2.0	2.0	C059470			

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRG176			DRG177			DRG177		
Sampling Date		2025/08/19			2025/08/19			2025/08/19		
COC Number		111602			111602			111602		
	UNITS	SQRI-DS	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Total Rubidium (Rb)	ug/L	5.13	0.050	C062755	<0.050	0.050	C059470			
Total Selenium (Se)	ug/L	<0.040	0.040	C062755	<0.040	0.040	C059470			
Total Silicon (Si)	ug/L	8510	50	C062755	<50	50	C059470			
Total Silver (Ag)	ug/L	0.012	0.010	C062755	<0.0050	0.0050	C059470			
Total Strontium (Sr)	ug/L	45.9	0.050	C062755	<0.050	0.050	C059470			
Total Tellurium (Te)	ug/L	<0.020	0.020	C062755	<0.020	0.020	C059470			
Total Thallium (Tl)	ug/L	0.0364	0.0020	C062755	<0.0020	0.0020	C059470			
Total Thorium (Th)	ug/L	0.135	0.050	C062755	<0.050	0.050	C059470			
Total Tin (Sn)	ug/L	<0.20	0.20	C062755	<0.20	0.20	C059470			
Total Titanium (Ti)	ug/L	235	2.0	C062755	<0.50	0.50	C059470			
Total Uranium (U)	ug/L	0.0955	0.0050	C062755	<0.0020	0.0020	C059470			
Total Vanadium (V)	ug/L	8.41	0.20	C062755	<0.20	0.20	C059470			
Total Zinc (Zn)	ug/L	11.8	1.0	C062755	<0.10	0.10	C059470			
Total Zirconium (Zr)	ug/L	0.42	0.10	C062755	<0.10	0.10	C059470			
Total Calcium (Ca)	mg/L	4.92	0.25	C055538	<0.050	0.050	C055538			
Total Magnesium (Mg)	mg/L	2.06	0.25	C055538	<0.050	0.050	C055538			
Total Potassium (K)	mg/L	1.77	0.25	C055538	<0.050	0.050	C055538			
Total Sodium (Na)	mg/L	1.99	0.25	C055538	<0.050	0.050	C055538			
Total Sulphur (S)	mg/L	<3.0	3.0	C055538	<3.0	3.0	C055538			

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRG178		
Sampling Date		2025/08/19		
COC Number		111602		
	UNITS	Trip Blank	RDL	QC Batch
ANIONS				
Bromide (Br)	mg/L	<0.010	0.010	C061502
Dissolved Metals by ICPMS				
Dissolved Calcium (Ca)	mg/L	<0.050	0.050	C055537
Dissolved Magnesium (Mg)	mg/L	<0.050	0.050	C055537
Dissolved Potassium (K)	mg/L	<0.050	0.050	C055537
Dissolved Sodium (Na)	mg/L	<0.050	0.050	C055537
Dissolved Sulphur (S)	mg/L	<3.0	3.0	C055537
Lab Filtered Metals				
Dissolved Aluminum (Al)	ug/L	<0.50	0.50	C062656
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	C062656
Dissolved Arsenic (As)	ug/L	<0.020	0.020	C062656
Dissolved Barium (Ba)	ug/L	<0.020	0.020	C062656
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	C062656
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	C062656
Dissolved Boron (B)	ug/L	<10	10	C062656
Dissolved Cadmium (Cd)	ug/L	<0.0050	0.0050	C062656
Dissolved Cesium (Cs)	ug/L	<0.050	0.050	C062656
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	C062656
Dissolved Cobalt (Co)	ug/L	<0.0050	0.0050	C062656
Dissolved Copper (Cu)	ug/L	<0.050	0.050	C062656
Dissolved Iron (Fe)	ug/L	<1.0	1.0	C062656
Dissolved Lead (Pb)	ug/L	<0.0050	0.0050	C062656
Dissolved Lithium (Li)	ug/L	<0.50	0.50	C062656
Dissolved Manganese (Mn)	ug/L	<0.050	0.050	C062656
Dissolved Molybdenum (Mo)	ug/L	<0.050	0.050	C062656
Dissolved Nickel (Ni)	ug/L	<0.020	0.020	C062656
Dissolved Phosphorus (P)	ug/L	<2.0	2.0	C062656
Dissolved Rubidium (Rb)	ug/L	<0.050	0.050	C062656
Dissolved Selenium (Se)	ug/L	<0.040	0.040	C062656
Dissolved Silicon (Si)	ug/L	<50	50	C062656
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	C062656
RDL = Reportable Detection Limit				



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRG178		
Sampling Date		2025/08/19		
COC Number		111602		
	UNITS	Trip Blank	RDL	QC Batch
Dissolved Strontium (Sr)	ug/L	0.070	0.050	C062656
Dissolved Tellurium (Te)	ug/L	<0.020	0.020	C062656
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	C062656
Dissolved Thorium (Th)	ug/L	<0.0050	0.0050	C062656
Dissolved Tin (Sn)	ug/L	<0.20	0.20	C062656
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	C062656
Dissolved Uranium (U)	ug/L	<0.0020	0.0020	C062656
Dissolved Vanadium (V)	ug/L	<0.20	0.20	C062656
Dissolved Zinc (Zn)	ug/L	<0.10	0.10	C062656
Dissolved Zirconium (Zr)	ug/L	<0.10	0.10	C062656
Total Metals by ICPMS				
Total Aluminum (Al)	ug/L	<0.50	0.50	C059470
Total Antimony (Sb)	ug/L	<0.020	0.020	C059470
Total Arsenic (As)	ug/L	<0.020	0.020	C059470
Total Barium (Ba)	ug/L	<0.020	0.020	C059470
Total Beryllium (Be)	ug/L	<0.010	0.010	C059470
Total Bismuth (Bi)	ug/L	<0.0050	0.0050	C059470
Total Boron (B)	ug/L	<10	10	C059470
Total Cadmium (Cd)	ug/L	<0.0050	0.0050	C059470
Total Cesium (Cs)	ug/L	<0.050	0.050	C059470
Total Chromium (Cr)	ug/L	<0.10	0.10	C059470
Total Cobalt (Co)	ug/L	<0.0050	0.0050	C059470
Total Copper (Cu)	ug/L	<0.050	0.050	C059470
Total Iron (Fe)	ug/L	<1.0	1.0	C059470
Total Lead (Pb)	ug/L	<0.0050	0.0050	C059470
Total Lithium (Li)	ug/L	<0.50	0.50	C059470
Total Manganese (Mn)	ug/L	<0.050	0.050	C059470
Total Molybdenum (Mo)	ug/L	<0.050	0.050	C059470
Total Nickel (Ni)	ug/L	<0.020	0.020	C059470
Total Phosphorus (P)	ug/L	<2.0	2.0	C059470
Total Rubidium (Rb)	ug/L	<0.050	0.050	C059470
Total Selenium (Se)	ug/L	<0.040	0.040	C059470
RDL = Reportable Detection Limit				



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DRG178		
Sampling Date		2025/08/19		
COC Number		111602		
	UNITS	Trip Blank	RDL	QC Batch
Total Silicon (Si)	ug/L	<50	50	C059470
Total Silver (Ag)	ug/L	<0.0050	0.0050	C059470
Total Strontium (Sr)	ug/L	<0.050	0.050	C059470
Total Tellurium (Te)	ug/L	<0.020	0.020	C059470
Total Thallium (Tl)	ug/L	<0.0020	0.0020	C059470
Total Thorium (Th)	ug/L	<0.050	0.050	C059470
Total Tin (Sn)	ug/L	<0.20	0.20	C059470
Total Titanium (Ti)	ug/L	<0.50	0.50	C059470
Total Uranium (U)	ug/L	<0.0020	0.0020	C059470
Total Vanadium (V)	ug/L	<0.20	0.20	C059470
Total Zinc (Zn)	ug/L	<0.10	0.10	C059470
Total Zirconium (Zr)	ug/L	<0.10	0.10	C059470
Total Calcium (Ca)	mg/L	<0.050	0.050	C055538
Total Magnesium (Mg)	mg/L	<0.050	0.050	C055538
Total Potassium (K)	mg/L	<0.050	0.050	C055538
Total Sodium (Na)	mg/L	<0.050	0.050	C055538
Total Sulphur (S)	mg/L	<3.0	3.0	C055538
RDL = Reportable Detection Limit				



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

MISCELLANEOUS (WATER)

Bureau Veritas ID		DRG172	DRG173	DRG174	DRG175	DRG176		
Sampling Date		2025/08/19	2025/08/19	2025/08/19	2025/08/19	2025/08/19		
COC Number		111602	111602	111602	111602	111602		
	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	<0.0018	<0.0018	<0.0018	0.0047	0.0080	0.0018	C056854
Total Un-ionized Hydrogen Sulfide as H2S	mg/L	<0.0019	<0.0019	<0.0019	0.0050	0.0085	0.0019	C056854
RDL = Reportable Detection Limit								



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

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

Bureau Veritas ID		DRG173		
Sampling Date		2025/08/19		
COC Number		111602		
	UNITS	WLNG-EOP	RDL	QC Batch
Calculated Parameters				
Low Molecular Weight PAH's	ug/L	<0.10	0.10	C055541
High Molecular Weight PAH's	ug/L	<0.050	0.050	C055541
Total PAH	ug/L	<0.10	0.10	C055541
Polycyclic Aromatics				
Quinoline	ug/L	<0.020	0.020	C058882
Naphthalene	ug/L	<0.10	0.10	C058882
1-Methylnaphthalene	ug/L	<0.050	0.050	C058882
2-Methylnaphthalene	ug/L	<0.10	0.10	C058882
Acenaphthylene	ug/L	<0.050	0.050	C058882
Acenaphthene	ug/L	<0.050	0.050	C058882
Fluorene	ug/L	<0.050	0.050	C058882
Phenanthrene	ug/L	<0.050	0.050	C058882
Anthracene	ug/L	<0.010	0.010	C058882
Acridine	ug/L	<0.050	0.050	C058882
Fluoranthene	ug/L	<0.020	0.020	C058882
Pyrene	ug/L	<0.020	0.020	C058882
Benzo(a)anthracene	ug/L	<0.010	0.010	C058882
Chrysene	ug/L	<0.020	0.020	C058882
Benzo(b&j)fluoranthene	ug/L	<0.030	0.030	C058882
Benzo(k)fluoranthene	ug/L	<0.050	0.050	C058882
Benzo(a)pyrene	ug/L	<0.0050	0.0050	C058882
Indeno(1,2,3-cd)pyrene	ug/L	<0.050	0.050	C058882
Dibenz(a,h)anthracene	ug/L	<0.0030	0.0030	C058882
Benzo(g,h,i)perylene	ug/L	<0.050	0.050	C058882
Calculated Parameters				
LEPH (C10-C19 less PAH)	mg/L	<0.20	0.20	C055543
HEPH (C19-C32 less PAH)	mg/L	<0.20	0.20	C055543
Ext. Pet. Hydrocarbon				
EPH (C10-C19)	mg/L	<0.20	0.20	C058890
EPH (C19-C32)	mg/L	<0.20	0.20	C058890
Surrogate Recovery (%)				
O-TERPHENYL (sur.)	%	118		C058890
RDL = Reportable Detection Limit				



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

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

Bureau Veritas ID		DRG173		
Sampling Date		2025/08/19		
COC Number		111602		
	UNITS	WLNG-EOP	RDL	QC Batch
D10-ANTHRACENE (sur.)	%	111		C058882
D8-ACENAPHTHYLENE (sur.)	%	111		C058882
D8-NAPHTHALENE (sur.)	%	94		C058882
TERPHENYL-D14 (sur.)	%	97		C058882
RDL = Reportable Detection Limit				



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DRG173		
Sampling Date		2025/08/19		
COC Number		111602		
	UNITS	WLNG-EOP	RDL	QC Batch
Calculated Parameters				
VPH (VH6 to 10 - BTEX)	ug/L	<300	300	C055547
Volatiles				
VH C6-C10	ug/L	<300	300	C058146
1,1,1,2-tetrachloroethane	ug/L	<0.50	0.50	C058146
1,1,1-trichloroethane	ug/L	<0.50	0.50	C058146
1,1,2,2-tetrachloroethane	ug/L	<0.50	0.50	C058146
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	<2.0	2.0	C058146
1,1,2-trichloroethane	ug/L	<0.50	0.50	C058146
1,1-dichloroethane	ug/L	<0.50	0.50	C058146
1,1-dichloroethene	ug/L	<0.50	0.50	C058146
1,2,3-trichlorobenzene	ug/L	<2.0	2.0	C058146
1,2,4-trichlorobenzene	ug/L	<2.0	2.0	C058146
1,2-dibromoethane	ug/L	<0.20	0.20	C058146
1,2-dichlorobenzene	ug/L	<0.50	0.50	C058146
1,2-dichloroethane	ug/L	<0.50	0.50	C058146
1,2-dichloropropane	ug/L	<0.50	0.50	C058146
1,3,5-trimethylbenzene	ug/L	<2.0	2.0	C058146
1,3-Butadiene	ug/L	<0.50	0.50	C058146
1,3-dichlorobenzene	ug/L	<0.50	0.50	C058146
1,3-dichloropropane	ug/L	<1.0	1.0	C058146
1,4-dichlorobenzene	ug/L	<0.50	0.50	C058146
Benzene	ug/L	<0.40	0.40	C058146
Bromobenzene	ug/L	<2.0	2.0	C058146
Bromodichloromethane	ug/L	<1.0	1.0	C058146
Bromoform	ug/L	<1.0	1.0	C058146
Bromomethane	ug/L	<1.0	1.0	C058146
Carbon tetrachloride	ug/L	<0.50	0.50	C058146
Chlorobenzene	ug/L	<0.50	0.50	C058146
Dibromochloromethane	ug/L	<1.0	1.0	C058146
Chloroethane	ug/L	<1.0	1.0	C058146
Chloroform	ug/L	<1.0	1.0	C058146
Chloromethane	ug/L	<1.0	1.0	C058146
RDL = Reportable Detection Limit				



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DRG173		
Sampling Date		2025/08/19		
COC Number		111602		
	UNITS	WLNG-EOP	RDL	QC Batch
cis-1,2-dichloroethene	ug/L	<1.0	1.0	C058146
cis-1,3-dichloropropene	ug/L	<1.0	1.0	C058146
Dichlorodifluoromethane	ug/L	<2.0	2.0	C058146
Dichloromethane	ug/L	<2.0	2.0	C058146
Ethylbenzene	ug/L	<0.40	0.40	C058146
Hexachlorobutadiene	ug/L	<0.50	0.50	C058146
Isopropylbenzene	ug/L	<2.0	2.0	C058146
Methyl-tert-butylether (MTBE)	ug/L	<4.0	4.0	C058146
Styrene	ug/L	<0.50	0.50	C058146
Tetrachloroethene	ug/L	<0.50	0.50	C058146
Toluene	ug/L	<0.40	0.40	C058146
trans-1,2-dichloroethene	ug/L	<1.0	1.0	C058146
trans-1,3-dichloropropene	ug/L	<1.0	1.0	C058146
Trichloroethene	ug/L	<0.50	0.50	C058146
Trichlorofluoromethane	ug/L	<4.0	4.0	C058146
Vinyl chloride	ug/L	<0.50	0.50	C058146
m & p-Xylene	ug/L	<0.40	0.40	C058146
o-Xylene	ug/L	<0.40	0.40	C058146
Xylenes (Total)	ug/L	<0.40	0.40	C058146
Surrogate Recovery (%)				
1,4-Difluorobenzene (sur.)	%	99		C058146
4-Bromofluorobenzene (sur.)	%	72		C058146
D4-1,2-Dichloroethane (sur.)	%	73		C058146
RDL = Reportable Detection Limit				



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

GENERAL COMMENTS

Results relate only to the items tested.



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C057856	TSO	Spiked Blank	pH	2025/08/21	100	%	97 - 103	
C057856	TSO	RPD [DRG172-01]	pH	2025/08/21	2.0	%	N/A	
C057863	TSO	Spiked Blank	Alkalinity (Total as CaCO3)	2025/08/21	93	%	80 - 120	
C057863	TSO	Method Blank	Alkalinity (PP as CaCO3)	2025/08/21	<1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/08/21	<1.0		mg/L	
			Bicarbonate (HCO3)	2025/08/21	<1.0		mg/L	
			Carbonate (CO3)	2025/08/21	<1.0		mg/L	
			Hydroxide (OH)	2025/08/21	<1.0		mg/L	
			Alkalinity (PP as CaCO3)	2025/08/21	NC	%	20	
			Alkalinity (Total as CaCO3)	2025/08/21	5.8	%	20	
C057863	TSO	RPD [DRG172-01]	Bicarbonate (HCO3)	2025/08/21	5.8	%	20	
			Carbonate (CO3)	2025/08/21	NC	%	20	
			Hydroxide (OH)	2025/08/21	NC	%	20	
C057910	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/08/21		NC	%	80 - 120
C057910	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/08/21		110	%	80 - 120
C057910	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/08/21	<0.020		mg/L	
C057910	C2L	RPD	Nitrate plus Nitrite (N)	2025/08/21	0.83		%	25
C057911	C2L	Matrix Spike	Nitrite (N)	2025/08/21		109	%	80 - 120
C057911	C2L	Spiked Blank	Nitrite (N)	2025/08/21		105	%	80 - 120
C057911	C2L	Method Blank	Nitrite (N)	2025/08/21	<0.0050		mg/L	
C057911	C2L	RPD	Nitrite (N)	2025/08/21	NC		%	20
C057919	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/08/21		115	%	80 - 120
C057919	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/08/21		112	%	80 - 120
C057919	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/08/21	<0.020		mg/L	
C057919	C2L	RPD	Nitrate plus Nitrite (N)	2025/08/21	NC		%	25
C057920	C2L	Matrix Spike	Nitrite (N)	2025/08/21		108	%	80 - 120
C057920	C2L	Spiked Blank	Nitrite (N)	2025/08/21		105	%	80 - 120
C057920	C2L	Method Blank	Nitrite (N)	2025/08/21	<0.0050		mg/L	
C057920	C2L	RPD	Nitrite (N)	2025/08/21	NC		%	20
C058009	JAV	Matrix Spike	Chloride (Cl)	2025/08/21		NC	%	80 - 120
C058009	JAV	Spiked Blank	Sulphate (SO4)	2025/08/21		171 (1)	%	80 - 120
C058009	JAV	Method Blank	Chloride (Cl)	2025/08/21		101	%	80 - 120
C058009	JAV	RPD	Sulphate (SO4)	2025/08/21		100	%	80 - 120
C058009	JAV	Matrix Spike	Chloride (Cl)	2025/08/21	<1.0		mg/L	
C058009	JAV	Spiked Blank	Sulphate (SO4)	2025/08/21	<1.0		mg/L	
C058009	JAV	Method Blank	Chloride (Cl)	2025/08/21	0.79		%	20
C058009	JAV	RPD	Sulphate (SO4)	2025/08/21	NC		%	20
C058146	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/08/21		99	%	50 - 140
C058146	NGU	Spiked Blank	4-Bromofluorobenzene (sur.)	2025/08/21		89	%	50 - 140
C058146	NGU	Method Blank	D4-1,2-Dichloroethane (sur.)	2025/08/21		88	%	50 - 140
C058146	NGU	RPD	1,1,1,2-tetrachloroethane	2025/08/21		73	%	50 - 140
C058146	NGU	Matrix Spike	1,1,1-trichloroethane	2025/08/21		78	%	50 - 140
C058146	NGU	Spiked Blank	1,1,2,2-tetrachloroethane	2025/08/21		84	%	50 - 140
C058146	NGU	Method Blank	1,1,2Trichloro-1,2,2Trifluoroethane	2025/08/21		75	%	50 - 140
C058146	NGU	RPD	1,1,2-trichloroethane	2025/08/21		75	%	50 - 140
C058146	NGU	Matrix Spike	1,1-dichloroethane	2025/08/21		83	%	50 - 140
C058146	NGU	Spiked Blank	1,1-dichloroethene	2025/08/21		89	%	50 - 140
C058146	NGU	Method Blank	1,2,3-trichlorobenzene	2025/08/21		83	%	50 - 140
C058146	NGU	RPD	1,2,4-trichlorobenzene	2025/08/21		86	%	50 - 140
C058146	NGU	Matrix Spike	1,2-dibromoethane	2025/08/21		78	%	50 - 140
C058146	NGU	Spiked Blank	1,2-dichlorobenzene	2025/08/21		86	%	50 - 140
C058146	NGU	Method Blank	1,2-dichloroethane	2025/08/21		73	%	50 - 140



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C058146	NGU	Spiked Blank	1,2-dichloropropane	2025/08/21	78	%	50 - 140	
			1,3,5-trimethylbenzene	2025/08/21	87	%	50 - 140	
			1,3-Butadiene	2025/08/21	67	%	50 - 140	
			1,3-dichlorobenzene	2025/08/21	86	%	50 - 140	
			1,3-dichloropropane	2025/08/21	77	%	50 - 140	
			1,4-dichlorobenzene	2025/08/21	84	%	50 - 140	
			Benzene	2025/08/21	76	%	50 - 140	
			Bromobenzene	2025/08/21	83	%	50 - 140	
			Bromodichloromethane	2025/08/21	79	%	50 - 140	
			Bromoform	2025/08/21	77	%	50 - 140	
			Bromomethane	2025/08/21	68	%	50 - 140	
			Carbon tetrachloride	2025/08/21	76	%	50 - 140	
			Chlorobenzene	2025/08/21	77	%	50 - 140	
			Dibromochloromethane	2025/08/21	74	%	50 - 140	
			Chloroethane	2025/08/21	67	%	50 - 140	
			Chloroform	2025/08/21	77	%	50 - 140	
			Chloromethane	2025/08/21	75	%	50 - 140	
			cis-1,2-dichloroethene	2025/08/21	78	%	50 - 140	
			cis-1,3-dichloropropene	2025/08/21	67	%	50 - 140	
			Dichlorodifluoromethane	2025/08/21	69	%	50 - 140	
			Dichloromethane	2025/08/21	73	%	50 - 140	
			Ethylbenzene	2025/08/21	78	%	50 - 140	
			Hexachlorobutadiene	2025/08/21	84	%	50 - 140	
			Isopropylbenzene	2025/08/21	81	%	50 - 140	
			Methyl-tert-butylether (MTBE)	2025/08/21	67	%	50 - 140	
			Styrene	2025/08/21	72	%	50 - 140	
			Tetrachloroethene	2025/08/21	73	%	50 - 140	
			Toluene	2025/08/21	75	%	50 - 140	
			trans-1,2-dichloroethene	2025/08/21	82	%	50 - 140	
			trans-1,3-dichloropropene	2025/08/21	61	%	50 - 140	
			Trichloroethene	2025/08/21	75	%	50 - 140	
			Trichlorofluoromethane	2025/08/21	77	%	50 - 140	
			Vinyl chloride	2025/08/21	86	%	50 - 140	
			m & p-Xylene	2025/08/21	78	%	50 - 140	
			o-Xylene	2025/08/21	78	%	50 - 140	
			1,4-Difluorobenzene (sur.)	2025/08/22	100	%	50 - 140	
			4-Bromofluorobenzene (sur.)	2025/08/22	90	%	50 - 140	
			D4-1,2-Dichloroethane (sur.)	2025/08/22	90	%	50 - 140	
			VH C6-C10	2025/08/22	97	%	70 - 130	
			1,1,1,2-tetrachloroethane	2025/08/22	72	%	60 - 130	
			1,1,1-trichloroethane	2025/08/22	79	%	60 - 130	
			1,1,2,2-tetrachloroethane	2025/08/22	81	%	60 - 130	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/08/22	76	%	60 - 130	
			1,1,2-trichloroethane	2025/08/22	73	%	60 - 130	
			1,1-dichloroethane	2025/08/22	84	%	60 - 130	
			1,1-dichloroethene	2025/08/22	88	%	60 - 130	
			1,2,3-trichlorobenzene	2025/08/22	80	%	60 - 130	
			1,2,4-trichlorobenzene	2025/08/22	83	%	60 - 130	
			1,2-dibromoethane	2025/08/22	76	%	60 - 130	
			1,2-dichlorobenzene	2025/08/22	84	%	60 - 130	
			1,2-dichloroethane	2025/08/22	73	%	60 - 130	
			1,2-dichloropropane	2025/08/22	78	%	60 - 130	



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C058146	NGU	Method Blank	1,3,5-trimethylbenzene	2025/08/22	86	%	60 - 130	
			1,3-Butadiene	2025/08/22	69	%	50 - 140	
			1,3-dichlorobenzene	2025/08/22	84	%	60 - 130	
			1,3-dichloropropane	2025/08/22	76	%	60 - 130	
			1,4-dichlorobenzene	2025/08/22	82	%	60 - 130	
			Benzene	2025/08/22	77	%	60 - 130	
			Bromobenzene	2025/08/22	81	%	60 - 130	
			Bromodichloromethane	2025/08/22	77	%	60 - 130	
			Bromoform	2025/08/22	73	%	60 - 130	
			Bromomethane	2025/08/22	71	%	50 - 140	
			Carbon tetrachloride	2025/08/22	77	%	60 - 130	
			Chlorobenzene	2025/08/22	76	%	60 - 130	
			Dibromochloromethane	2025/08/22	71	%	60 - 130	
			Chloroethane	2025/08/22	62	%	50 - 140	
			Chloroform	2025/08/22	77	%	60 - 130	
			Chloromethane	2025/08/22	77	%	50 - 140	
			cis-1,2-dichloroethene	2025/08/22	78	%	60 - 130	
			cis-1,3-dichloropropene	2025/08/22	68	%	50 - 140	
			Dichlorodifluoromethane	2025/08/22	73	%	50 - 140	
			Dichloromethane	2025/08/22	73	%	60 - 130	
			Ethylbenzene	2025/08/22	78	%	60 - 130	
			Hexachlorobutadiene	2025/08/22	82	%	60 - 130	
			Isopropylbenzene	2025/08/22	80	%	60 - 130	
			Methyl-tert-butylether (MTBE)	2025/08/22	67	%	60 - 130	
			Styrene	2025/08/22	72	%	60 - 130	
			Tetrachloroethene	2025/08/22	74	%	60 - 130	
			Toluene	2025/08/22	75	%	60 - 130	
			trans-1,2-dichloroethene	2025/08/22	82	%	60 - 130	
			trans-1,3-dichloropropene	2025/08/22	61	%	50 - 140	
			Trichloroethene	2025/08/22	75	%	60 - 130	
			Trichlorofluoromethane	2025/08/22	77	%	60 - 130	
			Vinyl chloride	2025/08/22	87	%	50 - 140	
			m & p-Xylene	2025/08/22	78	%	60 - 130	
			o-Xylene	2025/08/22	78	%	60 - 130	
			1,4-Difluorobenzene (sur.)	2025/08/22	98	%	50 - 140	
			4-Bromofluorobenzene (sur.)	2025/08/22	82	%	50 - 140	
			D4-1,2-Dichloroethane (sur.)	2025/08/22	84	%	50 - 140	
			VH C6-C10	2025/08/22	<300	ug/L		
			1,1,1,2-tetrachloroethane	2025/08/22	<0.50	ug/L		
			1,1,1-trichloroethane	2025/08/22	<0.50	ug/L		
			1,1,2,2-tetrachloroethane	2025/08/22	<0.50	ug/L		
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/08/22	<2.0	ug/L		
			1,1,2-trichloroethane	2025/08/22	<0.50	ug/L		
			1,1-dichloroethane	2025/08/22	<0.50	ug/L		
			1,1-dichloroethene	2025/08/22	<0.50	ug/L		
			1,2,3-trichlorobenzene	2025/08/22	<2.0	ug/L		
			1,2,4-trichlorobenzene	2025/08/22	<2.0	ug/L		
			1,2-dibromoethane	2025/08/22	<0.20	ug/L		
			1,2-dichlorobenzene	2025/08/22	<0.50	ug/L		
			1,2-dichloroethane	2025/08/22	<0.50	ug/L		
			1,2-dichloropropane	2025/08/22	<0.50	ug/L		
			1,3,5-trimethylbenzene	2025/08/22	<2.0	ug/L		



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C058146	NGU	RPD	1,3-Butadiene	2025/08/22	<0.50		ug/L	
			1,3-dichlorobenzene	2025/08/22	<0.50		ug/L	
			1,3-dichloropropane	2025/08/22	<1.0		ug/L	
			1,4-dichlorobenzene	2025/08/22	<0.50		ug/L	
			Benzene	2025/08/22	<0.40		ug/L	
			Bromobenzene	2025/08/22	<2.0		ug/L	
			Bromodichloromethane	2025/08/22	<1.0		ug/L	
			Bromoform	2025/08/22	<1.0		ug/L	
			Bromomethane	2025/08/22	<1.0		ug/L	
			Carbon tetrachloride	2025/08/22	<0.50		ug/L	
			Chlorobenzene	2025/08/22	<0.50		ug/L	
			Dibromochloromethane	2025/08/22	<1.0		ug/L	
			Chloroethane	2025/08/22	<1.0		ug/L	
			Chloroform	2025/08/22	<1.0		ug/L	
			Chloromethane	2025/08/22	<1.0		ug/L	
			cis-1,2-dichloroethene	2025/08/22	<1.0		ug/L	
			cis-1,3-dichloropropene	2025/08/22	<1.0		ug/L	
			Dichlorodifluoromethane	2025/08/22	<2.0		ug/L	
			Dichloromethane	2025/08/22	<2.0		ug/L	
			Ethylbenzene	2025/08/22	<0.40		ug/L	
			Hexachlorobutadiene	2025/08/22	<0.50		ug/L	
			Isopropylbenzene	2025/08/22	<2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/08/22	<4.0		ug/L	
			Styrene	2025/08/22	<0.50		ug/L	
			Tetrachloroethene	2025/08/22	<0.50		ug/L	
			Toluene	2025/08/22	<0.40		ug/L	
			trans-1,2-dichloroethene	2025/08/22	<1.0		ug/L	
			trans-1,3-dichloropropene	2025/08/22	<1.0		ug/L	
			Trichloroethene	2025/08/22	<0.50		ug/L	
			Trichlorofluoromethane	2025/08/22	<4.0		ug/L	
			Vinyl chloride	2025/08/22	<0.50		ug/L	
			m & p-Xylene	2025/08/22	<0.40		ug/L	
			o-Xylene	2025/08/22	<0.40		ug/L	
			Xylenes (Total)	2025/08/22	<0.40		ug/L	
			VH C6-C10	2025/08/22	NC	%	30	
			1,1,1,2-tetrachloroethane	2025/08/22	NC	%	30	
			1,1,1-trichloroethane	2025/08/22	NC	%	30	
			1,1,2,2-tetrachloroethane	2025/08/22	NC	%	30	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/08/22	NC	%	30	
			1,1,2-trichloroethane	2025/08/22	NC	%	30	
			1,1-dichloroethane	2025/08/22	NC	%	30	
			1,1-dichloroethene	2025/08/22	NC	%	30	
			1,2,3-trichlorobenzene	2025/08/22	NC	%	30	
			1,2,4-trichlorobenzene	2025/08/22	NC	%	30	
			1,2-dibromoethane	2025/08/22	NC	%	30	
			1,2-dichlorobenzene	2025/08/22	NC	%	30	
			1,2-dichloroethane	2025/08/22	NC	%	30	
			1,2-dichloropropane	2025/08/22	NC	%	30	
			1,3,5-trimethylbenzene	2025/08/22	NC	%	30	
			1,3-Butadiene	2025/08/22	NC	%	30	
			1,3-dichlorobenzene	2025/08/22	NC	%	30	
			1,3-dichloropropane	2025/08/22	NC	%	30	



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			1,4-dichlorobenzene	2025/08/22	NC		%	30
			Benzene	2025/08/22	NC		%	30
			Bromobenzene	2025/08/22	NC		%	30
			Bromodichloromethane	2025/08/22	NC		%	30
			Bromoform	2025/08/22	NC		%	30
			Bromomethane	2025/08/22	NC		%	30
			Carbon tetrachloride	2025/08/22	NC		%	30
			Chlorobenzene	2025/08/22	NC		%	30
			Dibromochloromethane	2025/08/22	NC		%	30
			Chloroethane	2025/08/22	NC		%	30
			Chloroform	2025/08/22	NC		%	30
			Chloromethane	2025/08/22	NC		%	30
			cis-1,2-dichloroethene	2025/08/22	NC		%	30
			cis-1,3-dichloropropene	2025/08/22	NC		%	30
			Dichlorodifluoromethane	2025/08/22	NC		%	30
			Dichloromethane	2025/08/22	NC		%	30
			Ethylbenzene	2025/08/22	NC		%	30
			Hexachlorobutadiene	2025/08/22	NC		%	30
			Isopropylbenzene	2025/08/22	NC		%	30
			Methyl-tert-butylether (MTBE)	2025/08/22	NC		%	30
			Styrene	2025/08/22	NC		%	30
			Tetrachloroethene	2025/08/22	NC		%	30
			Toluene	2025/08/22	NC		%	30
			trans-1,2-dichloroethene	2025/08/22	NC		%	30
			trans-1,3-dichloropropene	2025/08/22	NC		%	30
			Trichloroethene	2025/08/22	NC		%	30
			Trichlorofluoromethane	2025/08/22	NC		%	30
			Vinyl chloride	2025/08/22	NC		%	30
			m & p-Xylene	2025/08/22	NC		%	30
			o-Xylene	2025/08/22	NC		%	30
			Xylenes (Total)	2025/08/22	NC		%	30
C058460	JLP	Matrix Spike	Dissolved Organic Carbon (C)	2025/08/22		106	%	80 - 120
C058460	JLP	Spiked Blank	Dissolved Organic Carbon (C)	2025/08/22		97	%	80 - 120
C058460	JLP	Method Blank	Dissolved Organic Carbon (C)	2025/08/22	<0.50		mg/L	
C058460	JLP	RPD	Dissolved Organic Carbon (C)	2025/08/22	0.77		%	20
C058507	TSO	Spiked Blank	pH	2025/08/21		100	%	97 - 103
C058507	TSO	RPD	pH	2025/08/21	1.4		%	N/A
C058509	TSO	Spiked Blank	Alkalinity (Total as CaCO ₃)	2025/08/21		93	%	80 - 120
C058509	TSO	Method Blank	Alkalinity (PP as CaCO ₃)	2025/08/21	<1.0		mg/L	
			Alkalinity (Total as CaCO ₃)	2025/08/21	<1.0		mg/L	
			Bicarbonate (HCO ₃)	2025/08/21	<1.0		mg/L	
			Carbonate (CO ₃)	2025/08/21	<1.0		mg/L	
			Hydroxide (OH)	2025/08/21	<1.0		mg/L	
C058509	TSO	RPD	Alkalinity (PP as CaCO ₃)	2025/08/21	NC		%	20
			Alkalinity (Total as CaCO ₃)	2025/08/21	1.1		%	20
			Bicarbonate (HCO ₃)	2025/08/21	0.71		%	20
			Carbonate (CO ₃)	2025/08/21	NC		%	20
			Hydroxide (OH)	2025/08/21	NC		%	20
C058542	IC4	Matrix Spike	Total Mercury (Hg)	2025/08/22		99	%	80 - 120
C058542	IC4	Spiked Blank	Total Mercury (Hg)	2025/08/22		93	%	80 - 120
C058542	IC4	Method Blank	Total Mercury (Hg)	2025/08/22	<0.0019		ug/L	
C058542	IC4	RPD	Total Mercury (Hg)	2025/08/22	NC		%	20



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C058549	JAV	Matrix Spike [DRG177-08]	Total Ammonia (N)	2025/08/22	108	%	80 - 120	
C058549	JAV	Spiked Blank	Total Ammonia (N)	2025/08/22	104	%	80 - 120	
C058549	JAV	Method Blank	Total Ammonia (N)	2025/08/22	<0.015		mg/L	
C058549	JAV	RPD [DRG177-08]	Total Ammonia (N)	2025/08/22	NC	%	20	
C058558	TSO	Spiked Blank	pH	2025/08/22	100	%	97 - 103	
C058558	TSO	RPD	pH	2025/08/22	1.0	%	N/A	
C058562	TSO	Spiked Blank	Alkalinity (Total as CaCO ₃)	2025/08/22	96	%	80 - 120	
C058562	TSO	Method Blank	Alkalinity (PP as CaCO ₃)	2025/08/22	<1.0		mg/L	
			Alkalinity (Total as CaCO ₃)	2025/08/22	<1.0		mg/L	
			Bicarbonate (HCO ₃)	2025/08/22	<1.0		mg/L	
			Carbonate (CO ₃)	2025/08/22	<1.0		mg/L	
			Hydroxide (OH)	2025/08/22	<1.0		mg/L	
C058562	TSO	RPD	Alkalinity (PP as CaCO ₃)	2025/08/22	NC	%	20	
			Alkalinity (Total as CaCO ₃)	2025/08/22	0.47	%	20	
			Bicarbonate (HCO ₃)	2025/08/22	0.47	%	20	
			Carbonate (CO ₃)	2025/08/22	NC	%	20	
			Hydroxide (OH)	2025/08/22	NC	%	20	
C058882	ABV	Matrix Spike	D10-ANTHRACENE (sur.)	2025/08/22	109	%	50 - 140	
			D8-ACENAPHTHYLENE (sur.)	2025/08/22	109	%	50 - 140	
			D8-NAPHTHALENE (sur.)	2025/08/22	92	%	50 - 140	
			TERPHENYL-D14 (sur.)	2025/08/22	116	%	50 - 140	
			Quinoline	2025/08/22	101	%	50 - 140	
			Naphthalene	2025/08/22	91	%	50 - 140	
			1-Methylnaphthalene	2025/08/22	91	%	50 - 140	
			2-Methylnaphthalene	2025/08/22	88	%	50 - 140	
			Acenaphthylene	2025/08/22	100	%	50 - 140	
			Acenaphthene	2025/08/22	97	%	50 - 140	
			Fluorene	2025/08/22	99	%	50 - 140	
			Phenanthrene	2025/08/22	97	%	50 - 140	
			Anthracene	2025/08/22	99	%	50 - 140	
			Acridine	2025/08/22	90	%	50 - 140	
			Fluoranthene	2025/08/22	91	%	50 - 140	
			Pyrene	2025/08/22	105	%	50 - 140	
			Benzo(a)anthracene	2025/08/22	112	%	50 - 140	
			Chrysene	2025/08/22	112	%	50 - 140	
			Benzo(b&j)fluoranthene	2025/08/22	102	%	50 - 140	
			Benzo(k)fluoranthene	2025/08/22	102	%	50 - 140	
			Benzo(a)pyrene	2025/08/22	98	%	50 - 140	
			Indeno(1,2,3-cd)pyrene	2025/08/22	80	%	50 - 140	
			Dibenz(a,h)anthracene	2025/08/22	81	%	50 - 140	
			Benzo(g,h,i)perylene	2025/08/22	80	%	50 - 140	
C058882	ABV	Spiked Blank	D10-ANTHRACENE (sur.)	2025/08/22	113	%	50 - 140	
			D8-ACENAPHTHYLENE (sur.)	2025/08/22	113	%	50 - 140	
			D8-NAPHTHALENE (sur.)	2025/08/22	87	%	50 - 140	
			TERPHENYL-D14 (sur.)	2025/08/22	120	%	50 - 140	
			Quinoline	2025/08/22	93	%	50 - 140	
			Naphthalene	2025/08/22	80	%	50 - 140	
			1-Methylnaphthalene	2025/08/22	80	%	50 - 140	
			2-Methylnaphthalene	2025/08/22	75	%	50 - 140	
			Acenaphthylene	2025/08/22	94	%	50 - 140	
			Acenaphthene	2025/08/22	89	%	50 - 140	
			Fluorene	2025/08/22	94	%	50 - 140	



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C058882	ABV	Method Blank	Phenanthrene	2025/08/22	91	%	50 - 140	
			Anthracene	2025/08/22	93	%	50 - 140	
			Acridine	2025/08/22	85	%	50 - 140	
			Fluoranthene	2025/08/22	82	%	50 - 140	
			Pyrene	2025/08/22	84	%	50 - 140	
			Benzo(a)anthracene	2025/08/22	111	%	50 - 140	
			Chrysene	2025/08/22	110	%	50 - 140	
			Benzo(b&j)fluoranthene	2025/08/22	106	%	50 - 140	
			Benzo(k)fluoranthene	2025/08/22	106	%	50 - 140	
			Benzo(a)pyrene	2025/08/22	103	%	50 - 140	
			Indeno(1,2,3-cd)pyrene	2025/08/22	94	%	50 - 140	
			Dibenz(a,h)anthracene	2025/08/22	93	%	50 - 140	
			Benzo(g,h,i)perylene	2025/08/22	93	%	50 - 140	
			D10-ANTHRACENE (sur.)	2025/08/22	119	%	50 - 140	
			D8-ACENAPHTHYLENE (sur.)	2025/08/22	117	%	50 - 140	
			D8-NAPHTHALENE (sur.)	2025/08/22	95	%	50 - 140	
			TERPHENYL-D14 (sur.)	2025/08/22	114	%	50 - 140	
			Quinoline	2025/08/22	<0.020	ug/L		
			Naphthalene	2025/08/22	<0.10	ug/L		
			1-Methylnaphthalene	2025/08/22	<0.050	ug/L		
			2-Methylnaphthalene	2025/08/22	<0.10	ug/L		
			Acenaphthylene	2025/08/22	<0.050	ug/L		
			Acenaphthene	2025/08/22	<0.050	ug/L		
			Fluorene	2025/08/22	<0.050	ug/L		
			Phenanthrene	2025/08/22	<0.050	ug/L		
			Anthracene	2025/08/22	<0.010	ug/L		
			Acridine	2025/08/22	<0.050	ug/L		
			Fluoranthene	2025/08/22	<0.020	ug/L		
			Pyrene	2025/08/22	<0.020	ug/L		
			Benzo(a)anthracene	2025/08/22	<0.010	ug/L		
			Chrysene	2025/08/22	<0.020	ug/L		
			Benzo(b&j)fluoranthene	2025/08/22	<0.030	ug/L		
			Benzo(k)fluoranthene	2025/08/22	<0.050	ug/L		
			Benzo(a)pyrene	2025/08/22	<0.0050	ug/L		
			Indeno(1,2,3-cd)pyrene	2025/08/22	<0.050	ug/L		
			Dibenz(a,h)anthracene	2025/08/22	<0.0030	ug/L		
			Benzo(g,h,i)perylene	2025/08/22	<0.050	ug/L		
C058882	ABV	RPD	Quinoline	2025/08/22	NC	%	40	
			Naphthalene	2025/08/22	NC	%	40	
			1-Methylnaphthalene	2025/08/22	NC	%	40	
			2-Methylnaphthalene	2025/08/22	NC	%	40	
			Acenaphthylene	2025/08/22	NC	%	40	
			Acenaphthene	2025/08/22	NC	%	40	
			Fluorene	2025/08/22	NC	%	40	
			Phenanthrene	2025/08/22	NC	%	40	
			Anthracene	2025/08/22	NC	%	40	
			Acridine	2025/08/22	NC	%	40	
			Fluoranthene	2025/08/22	NC	%	40	
			Pyrene	2025/08/22	NC	%	40	
			Benzo(a)anthracene	2025/08/22	NC	%	40	
			Chrysene	2025/08/22	NC	%	40	
			Benzo(b&j)fluoranthene	2025/08/22	NC	%	40	



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C058890	JST	Matrix Spike	Benzo(k)fluoranthene	2025/08/22	NC		%	40
			Benzo(a)pyrene	2025/08/22	NC		%	40
			Indeno(1,2,3-cd)pyrene	2025/08/22	NC		%	40
			Dibenz(a,h)anthracene	2025/08/22	NC		%	40
			Benzo(g,h,i)perylene	2025/08/22	NC		%	40
		Spiked Blank	O-TERPHENYL (sur.)	2025/08/22		122	%	60 - 140
			EPH (C10-C19)	2025/08/22		99	%	60 - 140
			EPH (C19-C32)	2025/08/22		118	%	60 - 140
			O-TERPHENYL (sur.)	2025/08/22		122	%	60 - 140
			EPH (C10-C19)	2025/08/22		98	%	70 - 130
		Method Blank	EPH (C19-C32)	2025/08/22		115	%	70 - 130
			O-TERPHENYL (sur.)	2025/08/22		122	%	60 - 140
			EPH (C10-C19)	2025/08/22	<0.20		mg/L	
			EPH (C19-C32)	2025/08/22	<0.20		mg/L	
			EPH (C10-C19)	2025/08/22	NC		%	30
		RPD	EPH (C19-C32)	2025/08/22	NC		%	30
C059005	GCM	Matrix Spike	Total Phosphorus (P)	2025/08/23		111	%	N/A
C059005	GCM	Spiked Blank	Total Phosphorus (P)	2025/08/23		111	%	80 - 120
C059005	GCM	Method Blank	Total Phosphorus (P)	2025/08/23	<0.0010		mg/L	
C059005	GCM	RPD	Total Phosphorus (P)	2025/08/23	NC		%	20
C059457	JAV	Matrix Spike [DRG178-07]	Total Nitrogen (N)	2025/08/26		118	%	80 - 120
C059457	JAV	Spiked Blank	Total Nitrogen (N)	2025/08/26		104	%	80 - 120
C059457	JAV	Method Blank	Total Nitrogen (N)	2025/08/26	<0.020		mg/L	
C059457	JAV	RPD [DRG178-07]	Total Nitrogen (N)	2025/08/26	NC		%	20
C059470	AA1	Matrix Spike	Total Aluminum (Al)	2025/08/26		102	%	80 - 120
			Total Antimony (Sb)	2025/08/26		96	%	80 - 120
			Total Arsenic (As)	2025/08/26		103	%	80 - 120
			Total Barium (Ba)	2025/08/26		NC	%	80 - 120
			Total Beryllium (Be)	2025/08/26		100	%	80 - 120
			Total Bismuth (Bi)	2025/08/26		94	%	80 - 120
			Total Boron (B)	2025/08/26		107	%	80 - 120
			Total Cadmium (Cd)	2025/08/26		100	%	80 - 120
			Total Cesium (Cs)	2025/08/26		99	%	80 - 120
			Total Chromium (Cr)	2025/08/26		95	%	80 - 120
			Total Cobalt (Co)	2025/08/26		86	%	80 - 120
			Total Copper (Cu)	2025/08/26		88	%	80 - 120
			Total Iron (Fe)	2025/08/26		101	%	80 - 120
			Total Lead (Pb)	2025/08/26		94	%	80 - 120
			Total Lithium (Li)	2025/08/26		96	%	80 - 120
			Total Manganese (Mn)	2025/08/26		94	%	80 - 120
			Total Molybdenum (Mo)	2025/08/26		96	%	80 - 120
			Total Nickel (Ni)	2025/08/26		90	%	80 - 120
			Total Phosphorus (P)	2025/08/26		108	%	80 - 120
			Total Rubidium (Rb)	2025/08/26		101	%	80 - 120
			Total Selenium (Se)	2025/08/26		99	%	80 - 120
			Total Silicon (Si)	2025/08/26		102	%	80 - 120
			Total Silver (Ag)	2025/08/26		99	%	80 - 120
			Total Strontium (Sr)	2025/08/26		NC	%	80 - 120
			Total Tellurium (Te)	2025/08/26		100	%	80 - 120
			Total Thallium (Tl)	2025/08/26		96	%	80 - 120
			Total Thorium (Th)	2025/08/26		100	%	80 - 120
			Total Tin (Sn)	2025/08/26		101	%	80 - 120



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C059470	AA1	Spiked Blank	Total Titanium (Ti)	2025/08/26	97	%	80 - 120	
			Total Uranium (U)	2025/08/26	87	%	80 - 120	
			Total Vanadium (V)	2025/08/26	97	%	80 - 120	
			Total Zinc (Zn)	2025/08/26	93	%	80 - 120	
			Total Zirconium (Zr)	2025/08/26	106	%	80 - 120	
			Total Aluminum (Al)	2025/08/26	106	%	80 - 120	
			Total Antimony (Sb)	2025/08/26	100	%	80 - 120	
			Total Arsenic (As)	2025/08/26	102	%	80 - 120	
			Total Barium (Ba)	2025/08/26	101	%	80 - 120	
			Total Beryllium (Be)	2025/08/26	107	%	80 - 120	
			Total Bismuth (Bi)	2025/08/26	101	%	80 - 120	
			Total Boron (B)	2025/08/26	115	%	80 - 120	
			Total Cadmium (Cd)	2025/08/26	101	%	80 - 120	
			Total Cesium (Cs)	2025/08/26	101	%	80 - 120	
			Total Chromium (Cr)	2025/08/26	98	%	80 - 120	
			Total Cobalt (Co)	2025/08/26	91	%	80 - 120	
			Total Copper (Cu)	2025/08/26	95	%	80 - 120	
			Total Iron (Fe)	2025/08/26	104	%	80 - 120	
			Total Lead (Pb)	2025/08/26	99	%	80 - 120	
			Total Lithium (Li)	2025/08/26	104	%	80 - 120	
			Total Manganese (Mn)	2025/08/26	99	%	80 - 120	
			Total Molybdenum (Mo)	2025/08/26	98	%	80 - 120	
			Total Nickel (Ni)	2025/08/26	96	%	80 - 120	
			Total Phosphorus (P)	2025/08/26	108	%	80 - 120	
			Total Rubidium (Rb)	2025/08/26	101	%	80 - 120	
			Total Selenium (Se)	2025/08/26	99	%	80 - 120	
			Total Silicon (Si)	2025/08/26	103	%	80 - 120	
			Total Silver (Ag)	2025/08/26	100	%	80 - 120	
			Total Strontium (Sr)	2025/08/26	100	%	80 - 120	
			Total Tellurium (Te)	2025/08/26	109	%	80 - 120	
			Total Thallium (Tl)	2025/08/26	101	%	80 - 120	
			Total Thorium (Th)	2025/08/26	100	%	80 - 120	
			Total Tin (Sn)	2025/08/26	102	%	80 - 120	
			Total Titanium (Ti)	2025/08/26	101	%	80 - 120	
			Total Uranium (U)	2025/08/26	88	%	80 - 120	
			Total Vanadium (V)	2025/08/26	98	%	80 - 120	
			Total Zinc (Zn)	2025/08/26	106	%	80 - 120	
			Total Zirconium (Zr)	2025/08/26	106	%	80 - 120	
C059470	AA1	Method Blank	Total Aluminum (Al)	2025/08/26	<0.50		ug/L	
			Total Antimony (Sb)	2025/08/26	<0.020		ug/L	
			Total Arsenic (As)	2025/08/26	<0.020		ug/L	
			Total Barium (Ba)	2025/08/26	<0.020		ug/L	
			Total Beryllium (Be)	2025/08/26	<0.010		ug/L	
			Total Bismuth (Bi)	2025/08/26	<0.0050		ug/L	
			Total Boron (B)	2025/08/26	<10		ug/L	
			Total Cadmium (Cd)	2025/08/26	<0.0050		ug/L	
			Total Cesium (Cs)	2025/08/26	<0.050		ug/L	
			Total Chromium (Cr)	2025/08/26	<0.10		ug/L	
			Total Cobalt (Co)	2025/08/26	<0.0050		ug/L	
			Total Copper (Cu)	2025/08/26	<0.050		ug/L	
			Total Iron (Fe)	2025/08/26	<1.0		ug/L	
			Total Lead (Pb)	2025/08/26	<0.0050		ug/L	



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C059470	AA1	RPD	Total Lithium (Li)	2025/08/26	<0.50		ug/L	
			Total Manganese (Mn)	2025/08/26	<0.050		ug/L	
			Total Molybdenum (Mo)	2025/08/26	<0.050		ug/L	
			Total Nickel (Ni)	2025/08/26	<0.020		ug/L	
			Total Phosphorus (P)	2025/08/26	<2.0		ug/L	
			Total Rubidium (Rb)	2025/08/26	<0.050		ug/L	
			Total Selenium (Se)	2025/08/26	<0.040		ug/L	
			Total Silicon (Si)	2025/08/26	<50		ug/L	
			Total Silver (Ag)	2025/08/26	<0.0050		ug/L	
			Total Strontium (Sr)	2025/08/26	<0.050		ug/L	
			Total Tellurium (Te)	2025/08/26	<0.020		ug/L	
			Total Thallium (Tl)	2025/08/26	<0.0020		ug/L	
			Total Thorium (Th)	2025/08/26	<0.050		ug/L	
			Total Tin (Sn)	2025/08/26	<0.20		ug/L	
			Total Titanium (Ti)	2025/08/26	<0.50		ug/L	
			Total Uranium (U)	2025/08/26	<0.0020		ug/L	
			Total Vanadium (V)	2025/08/26	<0.20		ug/L	
			Total Zinc (Zn)	2025/08/26	<0.10		ug/L	
			Total Zirconium (Zr)	2025/08/26	<0.10		ug/L	
			Total Aluminum (Al)	2025/08/26	15	%	20	
			Total Antimony (Sb)	2025/08/26	4.8	%	20	
			Total Arsenic (As)	2025/08/26	6.6	%	20	
			Total Barium (Ba)	2025/08/26	0.17	%	20	
			Total Beryllium (Be)	2025/08/26	NC	%	20	
			Total Bismuth (Bi)	2025/08/26	NC	%	20	
			Total Boron (B)	2025/08/26	NC	%	20	
			Total Cadmium (Cd)	2025/08/26	NC	%	20	
			Total Chromium (Cr)	2025/08/26	NC	%	20	
			Total Cobalt (Co)	2025/08/26	10	%	20	
			Total Copper (Cu)	2025/08/26	0.91	%	20	
			Total Iron (Fe)	2025/08/26	4.7	%	20	
			Total Lead (Pb)	2025/08/26	NC	%	20	
			Total Lithium (Li)	2025/08/26	1.6	%	20	
			Total Manganese (Mn)	2025/08/26	4.1	%	20	
			Total Molybdenum (Mo)	2025/08/26	2.9	%	20	
			Total Nickel (Ni)	2025/08/26	7.0	%	20	
			Total Phosphorus (P)	2025/08/26	NC	%	20	
			Total Selenium (Se)	2025/08/26	1.2	%	20	
			Total Silicon (Si)	2025/08/26	5.2	%	20	
			Total Silver (Ag)	2025/08/26	NC	%	20	
			Total Strontium (Sr)	2025/08/26	2.5	%	20	
			Total Thallium (Tl)	2025/08/26	NC	%	20	
			Total Tin (Sn)	2025/08/26	NC	%	20	
			Total Titanium (Ti)	2025/08/26	NC	%	20	
			Total Uranium (U)	2025/08/26	0.56	%	20	
			Total Vanadium (V)	2025/08/26	NC	%	20	
			Total Zinc (Zn)	2025/08/26	NC	%	20	
			Total Zirconium (Zr)	2025/08/26	NC	%	20	
			Total Aluminum (Al)	2025/08/26	NC	%	20	
			Total Antimony (Sb)	2025/08/26	NC	%	20	
			Total Arsenic (As)	2025/08/26	NC	%	20	
			Total Barium (Ba)	2025/08/26	NC	%	20	



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Beryllium (Be)	2025/08/26	NC		%	20
			Total Bismuth (Bi)	2025/08/26	NC		%	20
			Total Boron (B)	2025/08/26	NC		%	20
			Total Cadmium (Cd)	2025/08/26	NC		%	20
			Total Chromium (Cr)	2025/08/26	NC		%	20
			Total Cobalt (Co)	2025/08/26	NC		%	20
			Total Copper (Cu)	2025/08/26	NC		%	20
			Total Iron (Fe)	2025/08/26	NC		%	20
			Total Lead (Pb)	2025/08/26	NC		%	20
			Total Lithium (Li)	2025/08/26	NC		%	20
			Total Manganese (Mn)	2025/08/26	NC		%	20
			Total Molybdenum (Mo)	2025/08/26	NC		%	20
			Total Nickel (Ni)	2025/08/26	NC		%	20
			Total Phosphorus (P)	2025/08/26	8.8		%	20
			Total Selenium (Se)	2025/08/26	NC		%	20
			Total Silicon (Si)	2025/08/26	NC		%	20
			Total Silver (Ag)	2025/08/26	NC		%	20
			Total Strontium (Sr)	2025/08/26	NC		%	20
			Total Thallium (Tl)	2025/08/26	NC		%	20
			Total Tin (Sn)	2025/08/26	NC		%	20
			Total Titanium (Ti)	2025/08/26	NC		%	20
			Total Uranium (U)	2025/08/26	NC		%	20
			Total Vanadium (V)	2025/08/26	NC		%	20
			Total Zinc (Zn)	2025/08/26	9.2		%	20
			Total Zirconium (Zr)	2025/08/26	NC		%	20
C059477	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/08/23		104	%	80 - 120
C059477	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/08/22		98	%	80 - 120
C059477	CJY	Method Blank	Dissolved Fluoride (F)	2025/08/22	<0.050		mg/L	
C059477	CJY	RPD	Dissolved Fluoride (F)	2025/08/23	NC		%	20
C059754	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/08/23		102	%	80 - 120
C059754	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/08/23		100	%	80 - 120
C059754	CJY	Method Blank	Dissolved Fluoride (F)	2025/08/23	<0.050		mg/L	
C059754	CJY	RPD	Dissolved Fluoride (F)	2025/08/23	3.8		%	20
C059763	JLP	Matrix Spike	Total Organic Carbon (C)	2025/08/22		99	%	80 - 120
C059763	JLP	Spiked Blank	Total Organic Carbon (C)	2025/08/22		100	%	80 - 120
C059763	JLP	Method Blank	Total Organic Carbon (C)	2025/08/22	<0.50		mg/L	
C059763	JLP	RPD	Total Organic Carbon (C)	2025/08/22	1.8		%	20
C059784	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/08/22		114	%	80 - 120
C059784	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/08/22		110	%	80 - 120
C059784	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/08/22	<0.020		mg/L	
C059784	C2L	RPD	Nitrate plus Nitrite (N)	2025/08/22	NC		%	25
C059789	C2L	Matrix Spike	Nitrite (N)	2025/08/22		111	%	80 - 120
C059789	C2L	Spiked Blank	Nitrite (N)	2025/08/22		105	%	80 - 120
C059789	C2L	Method Blank	Nitrite (N)	2025/08/22	<0.0050		mg/L	
C059789	C2L	RPD	Nitrite (N)	2025/08/22	NC		%	20
C060003	KA5	Matrix Spike [DRG178-01]	Total Suspended Solids	2025/08/25		104	%	80 - 120
C060003	KA5	Spiked Blank	Total Suspended Solids	2025/08/25		96	%	80 - 120
C060003	KA5	Method Blank	Total Suspended Solids	2025/08/25	<1.0		mg/L	
C060003	KA5	RPD	Total Suspended Solids	2025/08/25	0		%	20
C061153	ECO	Matrix Spike	Methyl Sulfone (sur.)	2025/08/25		98	%	50 - 140
			Ethylene Glycol	2025/08/25		96	%	60 - 140
			Diethylene Glycol	2025/08/25		109	%	60 - 140



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C061153	ECO	Spiked Blank	Triethylene Glycol	2025/08/25	102	%	60 - 140	
			Propylene Glycol	2025/08/25	94	%	60 - 140	
			Methyl Sulfone (sur.)	2025/08/25	97	%	50 - 140	
			Ethylene Glycol	2025/08/25	95	%	70 - 130	
			Diethylene Glycol	2025/08/25	110	%	70 - 130	
			Triethylene Glycol	2025/08/25	103	%	70 - 130	
C061153	ECO	Method Blank	Propylene Glycol	2025/08/25	94	%	70 - 130	
			Methyl Sulfone (sur.)	2025/08/25	102	%	50 - 140	
			Ethylene Glycol	2025/08/25	<3.0		mg/L	
			Diethylene Glycol	2025/08/25	<5.0		mg/L	
			Triethylene Glycol	2025/08/25	<5.0		mg/L	
			Propylene Glycol	2025/08/25	<5.0		mg/L	
C061153	ECO	RPD	Ethylene Glycol	2025/08/25	NC	%	30	
			Diethylene Glycol	2025/08/25	NC	%	30	
			Triethylene Glycol	2025/08/25	NC	%	30	
			Propylene Glycol	2025/08/25	NC	%	30	
			Total Aluminum (Al)	2025/08/25	98	%	80 - 120	
			Total Antimony (Sb)	2025/08/25	103	%	80 - 120	
C061324	SOM	Matrix Spike	Total Arsenic (As)	2025/08/25	104	%	80 - 120	
			Total Barium (Ba)	2025/08/25	NC	%	80 - 120	
			Total Beryllium (Be)	2025/08/25	88	%	80 - 120	
			Total Bismuth (Bi)	2025/08/25	96	%	80 - 120	
			Total Boron (B)	2025/08/25	89	%	80 - 120	
			Total Cadmium (Cd)	2025/08/25	100	%	80 - 120	
			Total Cesium (Cs)	2025/08/25	98	%	80 - 120	
			Total Chromium (Cr)	2025/08/25	102	%	80 - 120	
			Total Cobalt (Co)	2025/08/25	101	%	80 - 120	
			Total Copper (Cu)	2025/08/25	97	%	80 - 120	
			Total Iron (Fe)	2025/08/25	107	%	80 - 120	
			Total Lead (Pb)	2025/08/25	97	%	80 - 120	
			Total Lithium (Li)	2025/08/25	79 (1)	%	80 - 120	
			Total Manganese (Mn)	2025/08/25	99	%	80 - 120	
			Total Molybdenum (Mo)	2025/08/25	107	%	80 - 120	
			Total Nickel (Ni)	2025/08/25	98	%	80 - 120	
			Total Phosphorus (P)	2025/08/25	103	%	80 - 120	
			Total Rubidium (Rb)	2025/08/25	100	%	80 - 120	
			Total Selenium (Se)	2025/08/25	108	%	80 - 120	
			Total Silicon (Si)	2025/08/25	111	%	80 - 120	
			Total Silver (Ag)	2025/08/25	99	%	80 - 120	
			Total Strontium (Sr)	2025/08/25	NC	%	80 - 120	
			Total Tellurium (Te)	2025/08/25	106	%	80 - 120	
			Total Thallium (Tl)	2025/08/25	99	%	80 - 120	
			Total Thorium (Th)	2025/08/25	101	%	80 - 120	
			Total Tin (Sn)	2025/08/25	104	%	80 - 120	
			Total Titanium (Ti)	2025/08/25	98	%	80 - 120	
			Total Uranium (U)	2025/08/25	100	%	80 - 120	
			Total Vanadium (V)	2025/08/25	106	%	80 - 120	
			Total Zinc (Zn)	2025/08/25	98	%	80 - 120	
			Total Zirconium (Zr)	2025/08/25	103	%	80 - 120	
C061324	SOM	Spiked Blank	Total Aluminum (Al)	2025/08/25	102	%	80 - 120	
			Total Antimony (Sb)	2025/08/25	108	%	80 - 120	
			Total Arsenic (As)	2025/08/25	105	%	80 - 120	



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C061324	SOM	Method Blank	Total Barium (Ba)	2025/08/25	102	%	80 - 120	
			Total Beryllium (Be)	2025/08/25	91	%	80 - 120	
			Total Bismuth (Bi)	2025/08/25	100	%	80 - 120	
			Total Boron (B)	2025/08/25	96	%	80 - 120	
			Total Cadmium (Cd)	2025/08/25	102	%	80 - 120	
			Total Cesium (Cs)	2025/08/25	102	%	80 - 120	
			Total Chromium (Cr)	2025/08/25	107	%	80 - 120	
			Total Cobalt (Co)	2025/08/25	106	%	80 - 120	
			Total Copper (Cu)	2025/08/25	104	%	80 - 120	
			Total Iron (Fe)	2025/08/25	104	%	80 - 120	
			Total Lead (Pb)	2025/08/25	102	%	80 - 120	
			Total Lithium (Li)	2025/08/25	84	%	80 - 120	
			Total Manganese (Mn)	2025/08/25	104	%	80 - 120	
			Total Molybdenum (Mo)	2025/08/25	106	%	80 - 120	
			Total Nickel (Ni)	2025/08/25	106	%	80 - 120	
			Total Phosphorus (P)	2025/08/25	103	%	80 - 120	
			Total Rubidium (Rb)	2025/08/25	97	%	80 - 120	
			Total Selenium (Se)	2025/08/25	108	%	80 - 120	
			Total Silicon (Si)	2025/08/25	101	%	80 - 120	
			Total Silver (Ag)	2025/08/25	102	%	80 - 120	
			Total Strontium (Sr)	2025/08/25	99	%	80 - 120	
			Total Tellurium (Te)	2025/08/25	103	%	80 - 120	
			Total Thallium (Tl)	2025/08/25	102	%	80 - 120	
			Total Thorium (Th)	2025/08/25	103	%	80 - 120	
			Total Tin (Sn)	2025/08/25	106	%	80 - 120	
			Total Titanium (Ti)	2025/08/25	103	%	80 - 120	
			Total Uranium (U)	2025/08/25	101	%	80 - 120	
			Total Vanadium (V)	2025/08/25	107	%	80 - 120	
			Total Zinc (Zn)	2025/08/25	105	%	80 - 120	
			Total Zirconium (Zr)	2025/08/25	104	%	80 - 120	
			Total Aluminum (Al)	2025/08/25	<3.0		ug/L	
			Total Antimony (Sb)	2025/08/25	<0.020		ug/L	
			Total Arsenic (As)	2025/08/25	<0.020		ug/L	
			Total Barium (Ba)	2025/08/25	<0.050		ug/L	
			Total Beryllium (Be)	2025/08/25	<0.010		ug/L	
			Total Bismuth (Bi)	2025/08/25	<0.010		ug/L	
			Total Boron (B)	2025/08/25	<10		ug/L	
			Total Cadmium (Cd)	2025/08/25	<0.0050		ug/L	
			Total Cesium (Cs)	2025/08/25	<0.050		ug/L	
			Total Chromium (Cr)	2025/08/25	<0.10		ug/L	
			Total Cobalt (Co)	2025/08/25	<0.010		ug/L	
			Total Copper (Cu)	2025/08/25	<0.10		ug/L	
			Total Iron (Fe)	2025/08/25	<5.0		ug/L	
			Total Lead (Pb)	2025/08/25	0.024, RDL=0.020 (2)		ug/L	
			Total Lithium (Li)	2025/08/25	<0.50		ug/L	
			Total Manganese (Mn)	2025/08/25	<0.10		ug/L	
			Total Molybdenum (Mo)	2025/08/25	<0.050		ug/L	
			Total Nickel (Ni)	2025/08/25	<0.10		ug/L	
			Total Phosphorus (P)	2025/08/25	<5.0		ug/L	
			Total Rubidium (Rb)	2025/08/25	<0.050		ug/L	
			Total Selenium (Se)	2025/08/25	<0.040		ug/L	



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C061324	SOM	RPD	Total Silicon (Si)	2025/08/25	<50		ug/L	
			Total Silver (Ag)	2025/08/25	<0.010		ug/L	
			Total Strontium (Sr)	2025/08/25	<0.050		ug/L	
			Total Tellurium (Te)	2025/08/25	<0.020		ug/L	
			Total Thallium (Tl)	2025/08/25	<0.0020		ug/L	
			Total Thorium (Th)	2025/08/25	<0.050		ug/L	
			Total Tin (Sn)	2025/08/25	<0.20		ug/L	
			Total Titanium (Ti)	2025/08/25	<2.0		ug/L	
			Total Uranium (U)	2025/08/25	<0.0050		ug/L	
			Total Vanadium (V)	2025/08/25	<0.20		ug/L	
			Total Zinc (Zn)	2025/08/25	<1.0		ug/L	
			Total Zirconium (Zr)	2025/08/25	<0.10		ug/L	
			Total Aluminum (Al)	2025/08/25	1.0	%		20
			Total Antimony (Sb)	2025/08/25	9.6	%		20
			Total Arsenic (As)	2025/08/25	12	%		20
			Total Barium (Ba)	2025/08/25	2.2	%		20
			Total Beryllium (Be)	2025/08/25	0.84	%		20
			Total Bismuth (Bi)	2025/08/25	NC	%		20
			Total Boron (B)	2025/08/25	1.7	%		20
			Total Cadmium (Cd)	2025/08/25	0.50	%		20
			Total Chromium (Cr)	2025/08/25	13	%		20
			Total Cobalt (Co)	2025/08/25	3.7	%		20
			Total Copper (Cu)	2025/08/25	1.8	%		20
			Total Iron (Fe)	2025/08/25	1.4	%		20
			Total Lead (Pb)	2025/08/25	1.6	%		20
			Total Lithium (Li)	2025/08/25	2.7	%		20
			Total Manganese (Mn)	2025/08/25	2.6	%		20
			Total Molybdenum (Mo)	2025/08/25	2.9	%		20
			Total Nickel (Ni)	2025/08/25	2.8	%		20
			Total Phosphorus (P)	2025/08/25	NC	%		20
			Total Selenium (Se)	2025/08/25	3.0	%		20
C061407	KA5	Matrix Spike	Total Silicon (Si)	2025/08/25	3.3	%		20
			Total Silver (Ag)	2025/08/25	NC	%		20
			Total Strontium (Sr)	2025/08/25	2.6	%		20
			Total Thallium (Tl)	2025/08/25	0	%		20
			Total Tin (Sn)	2025/08/25	NC	%		20
			Total Titanium (Ti)	2025/08/25	NC	%		20
			Total Uranium (U)	2025/08/25	4.4	%		20
			Total Vanadium (V)	2025/08/25	NC	%		20
			Total Zinc (Zn)	2025/08/25	2.2	%		20
			Total Zirconium (Zr)	2025/08/25	NC	%		20
			Total Dissolved Solids	2025/08/26		102	%	80 - 120
			Total Dissolved Solids	2025/08/26		108	%	80 - 120
C061407	KAS	Method Blank	Total Dissolved Solids	2025/08/26	<10		mg/L	
			Total Dissolved Solids	2025/08/26	NC	%		20
			Bromide (Br)	2025/08/25		103	%	78 - 120
			Bromide (Br)	2025/08/25		106	%	80 - 120
			Bromide (Br)	2025/08/25	<0.010		mg/L	
C061495	AD5	Matrix Spike	Bromide (Br)	2025/08/25	NC		%	20
			Bromide (Br)	2025/08/25		100	%	78 - 120
			Bromide (Br)	2025/08/25		99	%	80 - 120
			Bromide (Br)	2025/08/25	<0.010		mg/L	
			Bromide (Br)	2025/08/25				
C061502	AD5	Spiked Blank	Bromide (Br)	2025/08/25				
			Bromide (Br)	2025/08/25				
			Bromide (Br)	2025/08/25				
C061502	AD5	Method Blank	Bromide (Br)	2025/08/25				
			Bromide (Br)	2025/08/25				
			Bromide (Br)	2025/08/25				



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C061502	AD5	RPD [DRG175-01]	Bromide (Br)	2025/08/25	NC		%	20
C061622	BTM	Matrix Spike [DRG172-01]	Dissolved Organic Carbon (C)	2025/08/25		105	%	80 - 120
C061622	BTM	Spiked Blank	Dissolved Organic Carbon (C)	2025/08/25		108	%	80 - 120
C061622	BTM	Method Blank	Dissolved Organic Carbon (C)	2025/08/25	<0.50		mg/L	
C061622	BTM	RPD [DRG172-01]	Dissolved Organic Carbon (C)	2025/08/25	2.8		%	20
C061713	KA5	Matrix Spike [DRG174-01]	Total Suspended Solids	2025/08/26		103	%	80 - 120
C061713	KA5	Spiked Blank	Total Suspended Solids	2025/08/26		103	%	80 - 120
C061713	KA5	Method Blank	Total Suspended Solids	2025/08/26	<1.0		mg/L	
C061713	KA5	RPD	Total Suspended Solids	2025/08/26	NC		%	20
C061729	KA5	Matrix Spike	Total Suspended Solids	2025/08/26		106	%	80 - 120
C061729	KA5	Spiked Blank	Total Suspended Solids	2025/08/26		101	%	80 - 120
C061729	KA5	Method Blank	Total Suspended Solids	2025/08/26	<1.0		mg/L	
C061729	KA5	RPD [DRG175-01]	Total Suspended Solids	2025/08/26	0.81		%	20
C061786	MDO	Matrix Spike [DRG173-15]	Phenols	2025/08/25		104	%	80 - 120
C061786	MDO	Spiked Blank	Phenols	2025/08/25		100	%	80 - 120
C061786	MDO	Method Blank	Phenols	2025/08/25	<0.0015		mg/L	
C061786	MDO	RPD [DRG173-15]	Phenols	2025/08/25	NC		%	20
C062656	AA1	Matrix Spike [DRG172-04]	Dissolved Aluminum (Al)	2025/08/27		105	%	80 - 120
			Dissolved Antimony (Sb)	2025/08/27		104	%	80 - 120
			Dissolved Arsenic (As)	2025/08/27		105	%	80 - 120
			Dissolved Barium (Ba)	2025/08/27		105	%	80 - 120
			Dissolved Beryllium (Be)	2025/08/27		106	%	80 - 120
			Dissolved Bismuth (Bi)	2025/08/27		100	%	80 - 120
			Dissolved Boron (B)	2025/08/27		110	%	80 - 120
			Dissolved Cadmium (Cd)	2025/08/27		104	%	80 - 120
			Dissolved Cesium (Cs)	2025/08/27		105	%	80 - 120
			Dissolved Chromium (Cr)	2025/08/27		101	%	80 - 120
			Dissolved Cobalt (Co)	2025/08/27		97	%	80 - 120
			Dissolved Copper (Cu)	2025/08/27		98	%	80 - 120
			Dissolved Iron (Fe)	2025/08/27		105	%	80 - 120
			Dissolved Lead (Pb)	2025/08/27		99	%	80 - 120
			Dissolved Lithium (Li)	2025/08/27		105	%	80 - 120
			Dissolved Manganese (Mn)	2025/08/27		99	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/08/27		NC	%	80 - 120
			Dissolved Nickel (Ni)	2025/08/27		98	%	80 - 120
			Dissolved Phosphorus (P)	2025/08/27		107	%	80 - 120
			Dissolved Rubidium (Rb)	2025/08/27		106	%	80 - 120
			Dissolved Selenium (Se)	2025/08/27		103	%	80 - 120
			Dissolved Silicon (Si)	2025/08/27		NC	%	80 - 120
			Dissolved Silver (Ag)	2025/08/27		102	%	80 - 120
			Dissolved Strontium (Sr)	2025/08/27		102	%	80 - 120
			Dissolved Tellurium (Te)	2025/08/27		113	%	80 - 120
			Dissolved Thallium (Tl)	2025/08/27		101	%	80 - 120
			Dissolved Thorium (Th)	2025/08/27		100	%	80 - 120
			Dissolved Tin (Sn)	2025/08/27		102	%	80 - 120
			Dissolved Titanium (Ti)	2025/08/27		101	%	80 - 120
			Dissolved Uranium (U)	2025/08/27		88	%	80 - 120
			Dissolved Vanadium (V)	2025/08/27		103	%	80 - 120
			Dissolved Zinc (Zn)	2025/08/27		103	%	80 - 120
			Dissolved Zirconium (Zr)	2025/08/27		107	%	80 - 120
C062656	AA1	Spiked Blank	Dissolved Aluminum (Al)	2025/08/27		104	%	80 - 120
			Dissolved Antimony (Sb)	2025/08/27		100	%	80 - 120



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Arsenic (As)	2025/08/27	102	%	80 - 120	
			Dissolved Barium (Ba)	2025/08/27	102	%	80 - 120	
			Dissolved Beryllium (Be)	2025/08/27	103	%	80 - 120	
			Dissolved Bismuth (Bi)	2025/08/27	99	%	80 - 120	
			Dissolved Boron (B)	2025/08/27	104	%	80 - 120	
			Dissolved Cadmium (Cd)	2025/08/27	99	%	80 - 120	
			Dissolved Cesium (Cs)	2025/08/27	100	%	80 - 120	
			Dissolved Chromium (Cr)	2025/08/27	97	%	80 - 120	
			Dissolved Cobalt (Co)	2025/08/27	95	%	80 - 120	
			Dissolved Copper (Cu)	2025/08/27	95	%	80 - 120	
			Dissolved Iron (Fe)	2025/08/27	102	%	80 - 120	
			Dissolved Lead (Pb)	2025/08/27	96	%	80 - 120	
			Dissolved Lithium (Li)	2025/08/27	105	%	80 - 120	
			Dissolved Manganese (Mn)	2025/08/27	97	%	80 - 120	
			Dissolved Molybdenum (Mo)	2025/08/27	99	%	80 - 120	
			Dissolved Nickel (Ni)	2025/08/27	96	%	80 - 120	
			Dissolved Phosphorus (P)	2025/08/27	102	%	80 - 120	
			Dissolved Rubidium (Rb)	2025/08/27	102	%	80 - 120	
			Dissolved Selenium (Se)	2025/08/27	99	%	80 - 120	
			Dissolved Silicon (Si)	2025/08/27	110	%	80 - 120	
			Dissolved Silver (Ag)	2025/08/27	98	%	80 - 120	
			Dissolved Strontium (Sr)	2025/08/27	99	%	80 - 120	
			Dissolved Tellurium (Te)	2025/08/27	107	%	80 - 120	
			Dissolved Thallium (Tl)	2025/08/27	100	%	80 - 120	
			Dissolved Thorium (Th)	2025/08/27	94	%	80 - 120	
			Dissolved Tin (Sn)	2025/08/27	96	%	80 - 120	
			Dissolved Titanium (Ti)	2025/08/27	98	%	80 - 120	
			Dissolved Uranium (U)	2025/08/27	85	%	80 - 120	
			Dissolved Vanadium (V)	2025/08/27	98	%	80 - 120	
			Dissolved Zinc (Zn)	2025/08/27	105	%	80 - 120	
			Dissolved Zirconium (Zr)	2025/08/27	103	%	80 - 120	
C062656	AA1	Method Blank	Dissolved Aluminum (Al)	2025/08/27	<0.50		ug/L	
			Dissolved Antimony (Sb)	2025/08/27	<0.020		ug/L	
			Dissolved Arsenic (As)	2025/08/27	<0.020		ug/L	
			Dissolved Barium (Ba)	2025/08/27	<0.020		ug/L	
			Dissolved Beryllium (Be)	2025/08/27	<0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/08/27	<0.0050		ug/L	
			Dissolved Boron (B)	2025/08/27	<10		ug/L	
			Dissolved Cadmium (Cd)	2025/08/27	<0.0050		ug/L	
			Dissolved Cesium (Cs)	2025/08/27	<0.050		ug/L	
			Dissolved Chromium (Cr)	2025/08/27	<0.10		ug/L	
			Dissolved Cobalt (Co)	2025/08/27	<0.0050		ug/L	
			Dissolved Copper (Cu)	2025/08/27	<0.050		ug/L	
			Dissolved Iron (Fe)	2025/08/27	<1.0		ug/L	
			Dissolved Lead (Pb)	2025/08/27	<0.0050		ug/L	
			Dissolved Lithium (Li)	2025/08/27	<0.50		ug/L	
			Dissolved Manganese (Mn)	2025/08/27	<0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/08/27	<0.050		ug/L	
			Dissolved Nickel (Ni)	2025/08/27	<0.020		ug/L	
			Dissolved Phosphorus (P)	2025/08/27	<2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/08/27	<0.050		ug/L	
			Dissolved Selenium (Se)	2025/08/27	<0.040		ug/L	



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C062656	AA1	RPD [DRG172-04]	Dissolved Silicon (Si)	2025/08/27	<50		ug/L	
			Dissolved Silver (Ag)	2025/08/27	<0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/08/27	0.074,		ug/L	
					RDL=0.050 (3)			
			Dissolved Tellurium (Te)	2025/08/27	<0.020		ug/L	
			Dissolved Thallium (Tl)	2025/08/27	<0.0020		ug/L	
			Dissolved Thorium (Th)	2025/08/27	<0.0050		ug/L	
			Dissolved Tin (Sn)	2025/08/27	<0.20		ug/L	
			Dissolved Titanium (Ti)	2025/08/27	<0.50		ug/L	
			Dissolved Uranium (U)	2025/08/27	<0.0020		ug/L	
			Dissolved Vanadium (V)	2025/08/27	<0.20		ug/L	
			Dissolved Zinc (Zn)	2025/08/27	<0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/08/27	<0.10		ug/L	
			Dissolved Aluminum (Al)	2025/08/27	0.30	%	20	
			Dissolved Antimony (Sb)	2025/08/27	3.5	%	20	
			Dissolved Arsenic (As)	2025/08/27	1.4	%	20	
			Dissolved Barium (Ba)	2025/08/27	0.32	%	20	
			Dissolved Beryllium (Be)	2025/08/27	NC	%	20	
			Dissolved Bismuth (Bi)	2025/08/27	NC	%	20	
			Dissolved Boron (B)	2025/08/27	2.7	%	20	
			Dissolved Cadmium (Cd)	2025/08/27	0	%	20	
			Dissolved Cesium (Cs)	2025/08/27	NC	%	20	
			Dissolved Chromium (Cr)	2025/08/27	NC	%	20	
			Dissolved Cobalt (Co)	2025/08/27	0.13	%	20	
			Dissolved Copper (Cu)	2025/08/27	7.5	%	20	
			Dissolved Iron (Fe)	2025/08/27	2.0	%	20	
			Dissolved Lead (Pb)	2025/08/27	NC	%	20	
			Dissolved Lithium (Li)	2025/08/27	1.4	%	20	
			Dissolved Manganese (Mn)	2025/08/27	0.60	%	20	
			Dissolved Molybdenum (Mo)	2025/08/27	0.081	%	20	
			Dissolved Nickel (Ni)	2025/08/27	14	%	20	
			Dissolved Phosphorus (P)	2025/08/27	NC	%	20	
			Dissolved Rubidium (Rb)	2025/08/27	1.2	%	20	
			Dissolved Selenium (Se)	2025/08/27	NC	%	20	
			Dissolved Silicon (Si)	2025/08/27	1.5	%	20	
			Dissolved Silver (Ag)	2025/08/27	NC	%	20	
			Dissolved Strontium (Sr)	2025/08/27	1.5	%	20	
			Dissolved Tellurium (Te)	2025/08/27	NC	%	20	
			Dissolved Thallium (Tl)	2025/08/27	13	%	20	
			Dissolved Thorium (Th)	2025/08/27	NC	%	20	
			Dissolved Tin (Sn)	2025/08/27	NC	%	20	
			Dissolved Titanium (Ti)	2025/08/27	NC	%	20	
			Dissolved Uranium (U)	2025/08/27	4.8	%	20	
			Dissolved Vanadium (V)	2025/08/27	NC	%	20	
			Dissolved Zinc (Zn)	2025/08/27	9.5	%	20	
			Dissolved Zirconium (Zr)	2025/08/27	NC	%	20	
			Dissolved Aluminum (Al)	2025/08/27	4.2	%	20	
			Dissolved Antimony (Sb)	2025/08/27	NC	%	20	
			Dissolved Arsenic (As)	2025/08/27	NC	%	20	
			Dissolved Barium (Ba)	2025/08/27	NC	%	20	
			Dissolved Beryllium (Be)	2025/08/27	NC	%	20	
			Dissolved Bismuth (Bi)	2025/08/27	NC	%	20	



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C062755	AA1	Matrix Spike	Dissolved Boron (B)	2025/08/27	NC	%	20	
			Dissolved Cadmium (Cd)	2025/08/27	NC	%	20	
			Dissolved Cesium (Cs)	2025/08/27	NC	%	20	
			Dissolved Chromium (Cr)	2025/08/27	NC	%	20	
			Dissolved Cobalt (Co)	2025/08/27	NC	%	20	
			Dissolved Copper (Cu)	2025/08/27	NC	%	20	
			Dissolved Iron (Fe)	2025/08/27	NC	%	20	
			Dissolved Lead (Pb)	2025/08/27	NC	%	20	
			Dissolved Lithium (Li)	2025/08/27	NC	%	20	
			Dissolved Manganese (Mn)	2025/08/27	NC	%	20	
			Dissolved Molybdenum (Mo)	2025/08/27	NC	%	20	
			Dissolved Nickel (Ni)	2025/08/27	NC	%	20	
			Dissolved Phosphorus (P)	2025/08/27	NC	%	20	
			Dissolved Rubidium (Rb)	2025/08/27	NC	%	20	
			Dissolved Selenium (Se)	2025/08/27	NC	%	20	
			Dissolved Silicon (Si)	2025/08/27	NC	%	20	
			Dissolved Silver (Ag)	2025/08/27	NC	%	20	
			Dissolved Strontium (Sr)	2025/08/27	3.6	%	20	
			Dissolved Tellurium (Te)	2025/08/27	NC	%	20	
			Dissolved Thallium (Tl)	2025/08/27	NC	%	20	
			Dissolved Thorium (Th)	2025/08/27	NC	%	20	
			Dissolved Tin (Sn)	2025/08/27	NC	%	20	
			Dissolved Titanium (Ti)	2025/08/27	NC	%	20	
			Dissolved Uranium (U)	2025/08/27	NC	%	20	
			Dissolved Vanadium (V)	2025/08/27	NC	%	20	
			Dissolved Zinc (Zn)	2025/08/27	NC	%	20	
			Dissolved Zirconium (Zr)	2025/08/27	NC	%	20	
			Total Aluminum (Al)	2025/08/27	114	%	80 - 120	
			Total Antimony (Sb)	2025/08/27	114	%	80 - 120	
			Total Arsenic (As)	2025/08/27	112	%	80 - 120	
			Total Barium (Ba)	2025/08/27	NC	%	80 - 120	
			Total Beryllium (Be)	2025/08/27	112	%	80 - 120	
			Total Bismuth (Bi)	2025/08/27	101	%	80 - 120	
			Total Boron (B)	2025/08/27	118	%	80 - 120	
			Total Cadmium (Cd)	2025/08/27	111	%	80 - 120	
			Total Cesium (Cs)	2025/08/27	106	%	80 - 120	
			Total Chromium (Cr)	2025/08/27	105	%	80 - 120	
			Total Cobalt (Co)	2025/08/27	102	%	80 - 120	
			Total Copper (Cu)	2025/08/27	100	%	80 - 120	
			Total Iron (Fe)	2025/08/27	NC	%	80 - 120	
			Total Lead (Pb)	2025/08/27	100	%	80 - 120	
			Total Lithium (Li)	2025/08/27	111	%	80 - 120	
			Total Manganese (Mn)	2025/08/27	NC	%	80 - 120	
			Total Molybdenum (Mo)	2025/08/27	116	%	80 - 120	
			Total Nickel (Ni)	2025/08/27	101	%	80 - 120	
			Total Phosphorus (P)	2025/08/27	112	%	80 - 120	
			Total Rubidium (Rb)	2025/08/27	109	%	80 - 120	
			Total Selenium (Se)	2025/08/27	108	%	80 - 120	
			Total Silicon (Si)	2025/08/27	116	%	80 - 120	
			Total Silver (Ag)	2025/08/27	109	%	80 - 120	
			Total Strontium (Sr)	2025/08/27	NC	%	80 - 120	
			Total Tellurium (Te)	2025/08/27	119	%	80 - 120	



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C062755	AA1	Spiked Blank	Total Thallium (Tl)	2025/08/27	105	%	80 - 120	
			Total Thorium (Th)	2025/08/27	104	%	80 - 120	
			Total Tin (Sn)	2025/08/27	114	%	80 - 120	
			Total Titanium (Ti)	2025/08/27	109	%	80 - 120	
			Total Uranium (U)	2025/08/27	98	%	80 - 120	
			Total Vanadium (V)	2025/08/27	108	%	80 - 120	
			Total Zinc (Zn)	2025/08/27	104	%	80 - 120	
			Total Zirconium (Zr)	2025/08/27	109	%	80 - 120	
			Total Aluminum (Al)	2025/08/27	104	%	80 - 120	
			Total Antimony (Sb)	2025/08/27	108	%	80 - 120	
			Total Arsenic (As)	2025/08/27	107	%	80 - 120	
			Total Barium (Ba)	2025/08/27	106	%	80 - 120	
			Total Beryllium (Be)	2025/08/27	109	%	80 - 120	
			Total Bismuth (Bi)	2025/08/27	103	%	80 - 120	
			Total Boron (B)	2025/08/27	113	%	80 - 120	
			Total Cadmium (Cd)	2025/08/27	107	%	80 - 120	
			Total Cesium (Cs)	2025/08/27	106	%	80 - 120	
			Total Chromium (Cr)	2025/08/27	103	%	80 - 120	
			Total Cobalt (Co)	2025/08/27	101	%	80 - 120	
			Total Copper (Cu)	2025/08/27	100	%	80 - 120	
			Total Iron (Fe)	2025/08/27	106	%	80 - 120	
			Total Lead (Pb)	2025/08/27	100	%	80 - 120	
			Total Lithium (Li)	2025/08/27	104	%	80 - 120	
			Total Manganese (Mn)	2025/08/27	102	%	80 - 120	
			Total Molybdenum (Mo)	2025/08/27	107	%	80 - 120	
			Total Nickel (Ni)	2025/08/27	101	%	80 - 120	
			Total Phosphorus (P)	2025/08/27	105	%	80 - 120	
			Total Rubidium (Rb)	2025/08/27	104	%	80 - 120	
			Total Selenium (Se)	2025/08/27	103	%	80 - 120	
			Total Silicon (Si)	2025/08/27	110	%	80 - 120	
			Total Silver (Ag)	2025/08/27	104	%	80 - 120	
			Total Strontium (Sr)	2025/08/27	107	%	80 - 120	
			Total Tellurium (Te)	2025/08/27	117	%	80 - 120	
			Total Thallium (Tl)	2025/08/27	103	%	80 - 120	
			Total Thorium (Th)	2025/08/27	104	%	80 - 120	
			Total Tin (Sn)	2025/08/27	109	%	80 - 120	
			Total Titanium (Ti)	2025/08/27	106	%	80 - 120	
			Total Uranium (U)	2025/08/27	94	%	80 - 120	
			Total Vanadium (V)	2025/08/27	103	%	80 - 120	
			Total Zinc (Zn)	2025/08/27	104	%	80 - 120	
			Total Zirconium (Zr)	2025/08/27	106	%	80 - 120	
C062755	AA1	Method Blank	Total Aluminum (Al)	2025/08/27	<3.0		ug/L	
			Total Antimony (Sb)	2025/08/27	<0.020		ug/L	
			Total Arsenic (As)	2025/08/27	<0.020		ug/L	
			Total Barium (Ba)	2025/08/27	<0.050		ug/L	
			Total Beryllium (Be)	2025/08/27	<0.010		ug/L	
			Total Bismuth (Bi)	2025/08/27	<0.010		ug/L	
			Total Boron (B)	2025/08/27	<10		ug/L	
			Total Cadmium (Cd)	2025/08/27	<0.0050		ug/L	
			Total Cesium (Cs)	2025/08/27	<0.050		ug/L	
			Total Chromium (Cr)	2025/08/27	<0.10		ug/L	
			Total Cobalt (Co)	2025/08/27	<0.010		ug/L	



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C062755	AA1	RPD	Total Copper (Cu)	2025/08/27	<0.10		ug/L	
			Total Iron (Fe)	2025/08/27	<5.0		ug/L	
			Total Lead (Pb)	2025/08/27	<0.020		ug/L	
			Total Lithium (Li)	2025/08/27	<0.50		ug/L	
			Total Manganese (Mn)	2025/08/27	<0.10		ug/L	
			Total Molybdenum (Mo)	2025/08/27	<0.050		ug/L	
			Total Nickel (Ni)	2025/08/27	<0.10		ug/L	
			Total Phosphorus (P)	2025/08/27	<5.0		ug/L	
			Total Rubidium (Rb)	2025/08/27	<0.050		ug/L	
			Total Selenium (Se)	2025/08/27	<0.040		ug/L	
			Total Silicon (Si)	2025/08/27	<50		ug/L	
			Total Silver (Ag)	2025/08/27	<0.010		ug/L	
			Total Strontium (Sr)	2025/08/27	<0.050		ug/L	
			Total Tellurium (Te)	2025/08/27	<0.020		ug/L	
			Total Thallium (Tl)	2025/08/27	<0.0020		ug/L	
			Total Thorium (Th)	2025/08/27	<0.050		ug/L	
			Total Tin (Sn)	2025/08/27	<0.20		ug/L	
			Total Titanium (Ti)	2025/08/27	<2.0		ug/L	
			Total Uranium (U)	2025/08/27	<0.0050		ug/L	
			Total Vanadium (V)	2025/08/27	<0.20		ug/L	
			Total Zinc (Zn)	2025/08/27	<1.0		ug/L	
			Total Zirconium (Zr)	2025/08/27	<0.10		ug/L	
C063132	IC4	Matrix Spike [DRG172-12]	Total Aluminum (Al)	2025/08/27	4.1	%	20	
			Total Antimony (Sb)	2025/08/27	6.6	%	20	
			Total Arsenic (As)	2025/08/27	2.2	%	20	
			Total Barium (Ba)	2025/08/27	2.0	%	20	
			Total Beryllium (Be)	2025/08/27	NC	%	20	
			Total Bismuth (Bi)	2025/08/27	NC	%	20	
			Total Boron (B)	2025/08/27	2.0	%	20	
			Total Cadmium (Cd)	2025/08/27	0	%	20	
			Total Chromium (Cr)	2025/08/27	NC	%	20	
			Total Cobalt (Co)	2025/08/27	8.8	%	20	
			Total Copper (Cu)	2025/08/27	2.0	%	20	
			Total Iron (Fe)	2025/08/27	0.56	%	20	
			Total Lead (Pb)	2025/08/27	NC	%	20	
			Total Lithium (Li)	2025/08/27	0.88	%	20	
			Total Manganese (Mn)	2025/08/27	3.2	%	20	
			Total Molybdenum (Mo)	2025/08/27	2.0	%	20	
			Total Nickel (Ni)	2025/08/27	8.5	%	20	
			Total Phosphorus (P)	2025/08/27	7.3	%	20	
			Total Selenium (Se)	2025/08/27	1.5	%	20	
			Total Silicon (Si)	2025/08/27	4.6	%	20	
			Total Silver (Ag)	2025/08/27	NC	%	20	
			Total Strontium (Sr)	2025/08/27	0.027	%	20	
			Total Thallium (Tl)	2025/08/27	4.9	%	20	
			Total Tin (Sn)	2025/08/27	NC	%	20	
			Total Titanium (Ti)	2025/08/27	NC	%	20	
			Total Uranium (U)	2025/08/27	2.2	%	20	
			Total Vanadium (V)	2025/08/27	NC	%	20	
			Total Zinc (Zn)	2025/08/27	2.8	%	20	
			Total Zirconium (Zr)	2025/08/27	NC	%	20	
C063132	IC4	Matrix Spike [DRG172-12]	Dissolved Mercury (Hg)	2025/08/26		111	%	80 - 120



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
C063132	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/08/26	102	%	80 - 120	
C063132	IC4	Method Blank	Dissolved Mercury (Hg)	2025/08/26	<0.0019		ug/L	
C063132	IC4	RPD [DRG172-12]	Dissolved Mercury (Hg)	2025/08/26	NC	%	20	
C063481	NJD	Matrix Spike [DRG175-03]	Total Sulphide	2025/08/27		26 (1)	%	80 - 120
C063481	NJD	Spiked Blank	Total Sulphide	2025/08/27		90	%	80 - 120
C063481	NJD	Method Blank	Total Sulphide	2025/08/27	<0.0018		mg/L	
C063481	NJD	RPD [DRG178-03]	Total Sulphide	2025/08/27	NC	%	20	
C064069	IC4	Matrix Spike	Total Mercury (Hg)	2025/08/27		93	%	80 - 120
C064069	IC4	Spiked Blank	Total Mercury (Hg)	2025/08/27		89	%	80 - 120
C064069	IC4	Method Blank	Total Mercury (Hg)	2025/08/27	<0.0019		ug/L	
C064069	IC4	RPD	Total Mercury (Hg)	2025/08/27	NC	%	20	
C064241	BB3	Matrix Spike [DRG178-02]	Total Hex. Chromium (Cr 6+)	2025/08/27		98	%	80 - 120
C064241	BB3	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/08/27		105	%	80 - 120
C064241	BB3	Method Blank	Total Hex. Chromium (Cr 6+)	2025/08/27	<0.00099		mg/L	
C064241	BB3	RPD [DRG178-02]	Total Hex. Chromium (Cr 6+)	2025/08/27	NC	%	20	

N/A = Not Applicable

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

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

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

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

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

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

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

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

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

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



Bureau Veritas Job #: C571768

Report Date: 2025/08/27

HATFIELD CONSULTANTS

Client Project #: Fortis11234/PE-110163

Site Location: Woodfibre Pipeline Project

Your P.O. #: 4800010213

Sampler Initials: WS

VALIDATION SIGNATURE PAGE

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

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

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

Levi Manchak, Project Manager SR

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

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

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



Custody Tracking Form

BUREAU VERITAS
eCOC Number
W111602

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.

Requisitioned By		Date	Time (24 HR)	Received By	Date	Time (24 HR)
	Will Steller	19/08/28		Sanjay Saipampudur Parameswaran	SP	2025/08/19
			17:17			16:20
		Date			Date	17:20
			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.

Sample Information					
Sampled By (Print)	# of Coolers/Pkgs	Rush <input type="checkbox"/>	Immediate Test <input type="checkbox"/>	Food Residue <input type="checkbox"/>	Food Chemistry <input type="checkbox"/>
Will Steller	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Micro <input type="checkbox"/>					

Laboratory Use Only					
Received At	Lab Comments:	Custody Seal		Cooling Media	
		Present (Y/N)	Intact (Y/N)	Present (Y/N)	1
		N	N	4	14 13 13
		N	N	7	12 11 13
		Drinking Water Metals Preservation Check Done (Circle)		YES	NO

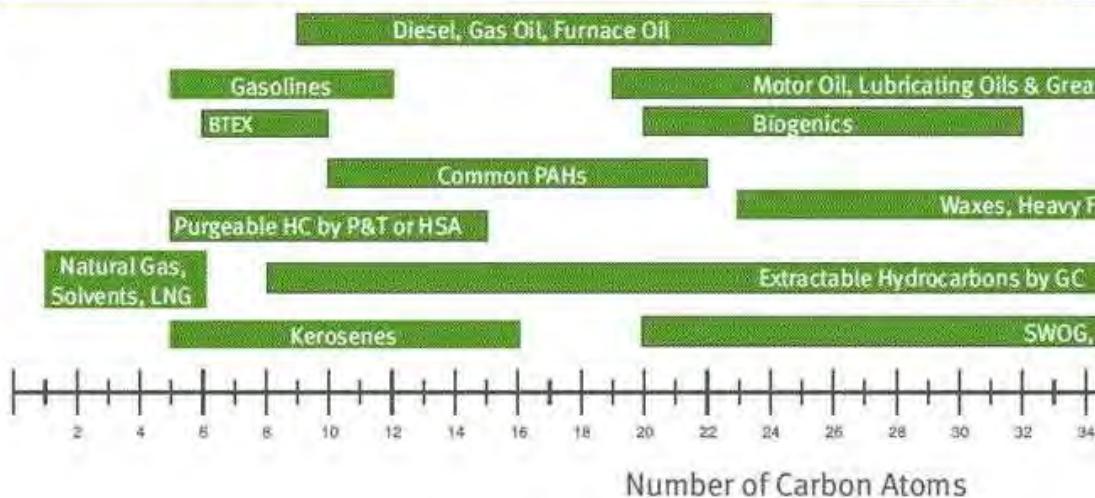
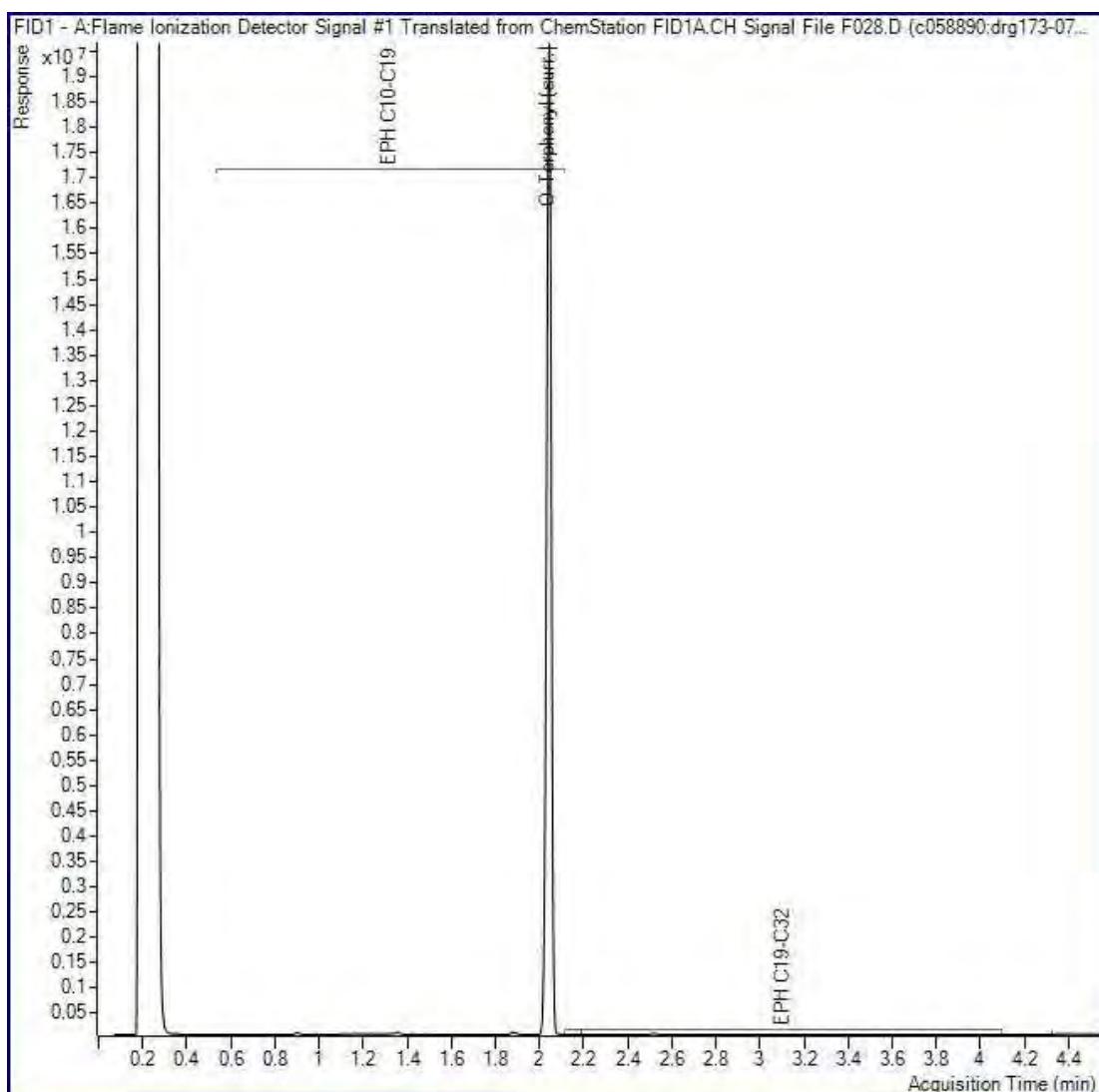


MVAN-2025-08-
1226

Bureau Veritas Job #: C571768
Report Date: 2025/08/27
Bureau Veritas Sample: DRG173

HATFIELD CONSULTANTS
Client Project #: Fortis11234/PE-110163
Site Reference: Woodfibre Pipeline Project
Client ID: WLNG-EOP

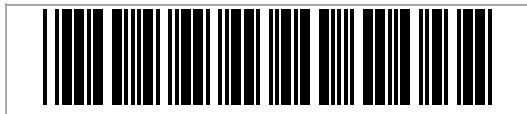
EPH in Water when PAH required Chromatogram



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

BUREAU
VERITAS

eCOC: W111602



Project Information: C571768
 Job Received: 2025/08/19 17:20
 Expected TAT: Standard TAT
 Expected Arrival: 2025/08/19 16:45
 Submitted By: Adrienne Trac
 Submitted To: Burnaby ENV: 4606
 Canada Way

Invoice Information

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

Report Information

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

Project Information

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

Analytical Summary

A: Standard TAT

			Woodfibre 2025	Woodfibre Additional 2025	Woodfibre Blank 2025	Set Number
Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont		
WLNG-DS	1	2025/08/19	WATER	14	A	1
WLNG-EOP	2	2025/08/19	WATER	18	A	2
WLNG-US	3	2025/08/19	WATER	14	A	1
SQRI-US	4	2025/08/19	WATER	14	A	1
SQRI-DS	5	2025/08/19	WATER	14	A	1
Field Blank	6	2025/08/19	WATER	14		A 3
Trip Blank	7	2025/08/19	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: 7

Sample Set Listing

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