



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

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BCER Waste Discharge Permit Weekly Report



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Appendix A: BC Rail Point of Discharge from Water Treatment System Documentation

Appendix B: BC Rail Receiving Environment Documentation

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

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Preamble

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

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

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



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Sampling Methodology

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

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

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

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

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

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

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

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Summary-BC Rail Site

Site Activities and Exceedances

- Weekly upstream and downstream taken by the QP.
- Water produced by the water treatment plant is being recirculated for tunneling and to create grout for tunneling.
- 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	2025-06-10	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	2025-06-10	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.



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Summary-Woodfibre

Site Activities and Exceedances

- Weekly upstream, downstream and end of pipe taken by the QP.
- Ongoing tunnelling at WLNG and grouting works to mitigate water ingress.
- Water volume discharge exceedances.
- No exceedances at WLNG EOP or WLNG DS, WLNG US result is representative of background conditions.

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	2025-06-09	Yes-Appendix C	2,815m ³
Woodfibre	2025-06-10	Yes-Appendix C	2,643m ³
Woodfibre	2025-06-11	Yes-Appendix C	2,572m ³
Woodfibre	2025-06-12	Yes-Appendix C	2,110m ³
Woodfibre	2025-06-13	Yes-Appendix C	2,098m ³
Woodfibre	2025-06-14	Yes-Appendix C	2,065m ³
Woodfibre	2025-06-15	Yes-Appendix C	2,155m ³

*Max discharge is 1500m³/day



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Receiving Environment Monitoring-East Creek

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

Table 7: Upstream Monitoring Information

Location	Date of Lab Sample	Real Time Monitored	Results
East Creek Upstream	2025-06-10	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	2025-06-10	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 on the D/S station showed increasing trend and single outlier on June 14th, 2025 at 09:00.



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



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BCR Site Batch Sample Analysis

No Discharges



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



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**Appendix B: BCR Site Receiving Environment
Documentation**



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BCR Site Receiving Environment Sample Analysis



	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max ^{1 2}	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max ^{1 2}	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average ^{1 2}	SQU US 2025-06-10 13:02:00 ³	SQU DS 2025-06-10 13:21:00 ³
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			7.16	6.69
Field Temperature	°C	18	19					11.3	12.7
General Parameters									
pH	pH Units							6.83	6.73
Alkalinity (Total as CaCO ₃)	mg/L							7.2	7.8
Alkalinity (PP as CaCO ₃)	mg/L							<1	<1
Hardness (CaCO ₃)-Total	mg/L							7.56	6.53
Hardness (CaCO ₃)-Dissolved	mg/L							7.7	8.33
Sulphide-Total	mg/L							0.0023	<0.0018
Sulphide (as H ₂ S)	mg/L			0.002				0.0024	<0.002
Anions and Nutrients									
Ammonia (N)-Total	mg/L	1.8	17.3		20		131	0.019	0.028
Bicarbonate (HCO ₃)	mg/L							8.8	9.5
Carbonate (CO ₃)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			0.036	<0.02
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							0.036	<0.02
Nitrogen (N)-Total	mg/L							0.081	0.083
Phosphorus (P)-Total (4500-P)	mg/L							0.1	0.08
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					<1	<1
Fluoride (F)	mg/L		0.4				1.5	<0.05	<0.05
Sulphate (SO ₄)-Dissolved	mg/L	128						1.5	1.5

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.



Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max ^{1 2}	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max ^{1 2}	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average ^{1 2}	SQU US 2025-06-10 13:02:00 ³	SQU DS 2025-06-10 13:21:00 ³
Total Metals								
Aluminum (Al)-Total	mg/L	0.025252					0.625	0.607
Antimony (Sb)-Total	mg/L	0.074	0.25				<0.00002	<0.00002
Arsenic (As)-Total	mg/L	0.005			0.0125		0.000118	0.000096
Barium (Ba)-Total	mg/L			1			0.0135	0.00936
Beryllium (Be)-Total	mg/L			0.00013		0.1	0.000013	<0.00001
Bismuth (Bi)-Total	mg/L						<0.00001	<0.00001
Boron (B)-Total	mg/L	1.2			1.2		<0.01	<0.01
Cadmium (Cd)-Total	mg/L					0.00012	<0.000005	<0.000005
Calcium (Ca)-Total	mg/L						2.45	2.09
Cesium (Cs)-Total	mg/L						<0.00005	<0.00005
Chromium (Cr)-Total	mg/L						0.00016	0.00019
Chromium (Cr III)-Total	mg/L			0.0089		0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025		0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389	0.11				0.000155	0.000104
Copper (Cu)-Total	mg/L				0.002	0.003	0.00102	0.00094
Iron (Fe)-Total	mg/L		1				0.341	0.197
Lead (Pb)-Total	mg/L				0.002	0.14	0.000088	0.000079
Lithium (Li)-Total	mg/L						<0.0005	<0.0005
Magnesium (Mg)-Total	mg/L						0.35	0.32
Manganese (Mn)-Total	mg/L	0.634	0.612			0.1	0.0105	0.00689
Mercury (Hg)-Total	mg/L	0.00002			0.00002		<0.0000019	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46				0.000105	0.000351
Nickel (Ni)-Total	mg/L					0.0083	0.0002	0.00015
Phosphorus (P)-Total (ICPMS)	mg/L						0.0139	0.0129
Potassium (K)-Total	mg/L						0.53	0.43
Rubidium (Rb)-Total	mg/L						0.0011	0.00084
Selenium (Se)-Total	mg/L	0.002			0.002		<0.00004	<0.00004
Silicon (Si)-Total	mg/L						4.53	4.26
Silver (Ag)-Total	mg/L	0.00012				0.0037	<0.00001	<0.00001
Sodium (Na)-Total	mg/L						0.91	0.98
Strontium (Sr)-Total	mg/L						0.0184	0.0156
Sulphur (S)-Total	mg/L						<3	<3
Tellurium (Te)-Total	mg/L						<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003			0.000007	0.000004
Thorium (Th)-Total	mg/L						<0.00005	<0.00005
Tin (Sn)-Total	mg/L						<0.0002	<0.0002
Titanium (Ti)-Total	mg/L						0.0256	0.0163
Uranium (U)-Total	mg/L		0.0165	0.0075			0.000018	0.000016
Vanadium (V)-Total	mg/L			0.06		0.005	0.00083	0.00102
Zinc (Zn)-Total	mg/L				0.01	0.055	0.0015	<0.001
Zirconium (Zr)-Total	mg/L						0.00026	0.00038

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

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

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Dissolved Metals								
Aluminum (Al)-Dissolved	mg/L						0.0355	0.0327
Antimony (Sb)-Dissolved	mg/L						<0.00002	<0.00002
Arsenic (As)-Dissolved	mg/L						0.000088	0.000085
Barium (Ba)-Dissolved	mg/L						0.00379	0.00374
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	0.000028	0.000038				<0.000005	<0.000005
Calcium (Ca)-Dissolved	mg/L						2.64	2.85
Cesium (Cs)-Dissolved	mg/L						<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L						<0.0001	<0.0001
Cobalt (Co)-Dissolved	mg/L						0.00003	0.000026
Copper (Cu)-Dissolved	mg/L	0.0002	0.00072				0.000509	0.000504
Iron (Fe)-Dissolved	mg/L		0.35				0.0207	0.0172
Lead (Pb)-Dissolved	mg/L	0.00116					0.000009	0.000008
Lithium (Li)-Dissolved	mg/L						<0.0005	<0.0005
Manganese (Mn)-Dissolved	mg/L						0.0037	0.00334
Magnesium (Mg)-Dissolved	mg/L						0.271	0.296
Mercury (Hg)-Dissolved	mg/L						<0.0000019	<0.0000019
Molybdenum (Mo)-Dissolved	mg/L						0.000312	0.000305
Nickel (Ni)-Dissolved	mg/L	0.0006	0.0094				0.000066	0.000044
Phosphorus (P)-Dissolved	mg/L						0.0057	0.0069
Potassium (K)-Dissolved	mg/L						0.332	0.302
Rubidium (Rb)-Dissolved	mg/L						0.000477	0.000419
Selenium (Se)-Dissolved	mg/L						<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L						2.19	2.47
Silver (Ag)-Dissolved	mg/L						<0.000005	0.000006
Sodium (Na)-Dissolved	mg/L						0.771	0.846
Strontium (Sr)-Dissolved	mg/L			1.25			0.0149	0.0162
Sulphur (S)-Dissolved	mg/L						<3	<3
Tellurium (Te)-Dissolved	mg/L						<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L						<0.000002	<0.000002
Thorium (Th)-Dissolved	mg/L						0.000008	<0.000005
Tin (Sn)-Dissolved	mg/L						<0.0002	<0.0002
Titanium (Ti)-Dissolved	mg/L						0.00064	<0.0005
Tungsten (W)-Dissolved	mg/L						<0.00001	<0.00001
Uranium (U)-Dissolved	mg/L						0.000022	0.00002
Vanadium (V)-Dissolved	mg/L						0.00073	0.00069
Zinc (Zn)-Dissolved	mg/L	0.002891	0.00744				0.0003	0.00028
Zirconium (Zr)-Dissolved	mg/L						<0.0001	<0.0001

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

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

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Inorganics									
Organic Carbon (C)-Total	mg/L							0.89	0.91
Organic Carbon (C)-Dissolved	mg/L							0.95	1.1
Solids-Total Dissolved	mg/L							22	22
Solids-Total Suspended	mg/L	90	110					85	68

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

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

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BCR Site Receiving Environment Field Notes and Logs

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: SQU-US Date: June 10, 2025
Site Name: Squamish River Time: 13:02
Site UTM: Zone: E: Crew: JC
(NAD83) N: Weather: Clear

In Situ Parameters

pH: 7.16 DO: (mg/L)
Temp.: 11.3 (°C) Cond: 14 (us)
Turbidity: 62.8 NTU

Visible Sheen: N

Water Surface Condition: Turbid, fast flow

Photo Record

Photo



Photo

Photo

Observations

1. High water levels
2. Very turbid surface

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-09 00:00:00	9.75	20.01	0.25	6.99	10.67	116.01
SQU-DS	2025-06-09 00:15:00	9.68	19.88	0.26	7.01	10.70	99.41
SQU-DS	2025-06-09 00:30:00	9.59	19.80	0.23	6.98	10.71	126.79
SQU-DS	2025-06-09 00:45:00	9.49	19.66	0.25	6.96	10.74	107.58
SQU-DS	2025-06-09 01:00:00	9.40	19.67	0.26	6.97	10.76	104.31
SQU-DS	2025-06-09 01:15:00	9.30	19.36	0.27	6.91	10.79	120.74
SQU-DS	2025-06-09 01:30:00	9.26	19.23	0.24	6.90	10.80	103.56
SQU-DS	2025-06-09 01:45:00	9.16	19.34	0.24	6.98	10.82	105.33
SQU-DS	2025-06-09 02:00:00	9.05	19.12	0.25	6.96	10.85	114.50
SQU-DS	2025-06-09 02:15:00	9.00	19.20	0.27	6.94	10.86	121.48
SQU-DS	2025-06-09 02:30:00	8.93	18.94	0.24	6.96	10.89	114.40
SQU-DS	2025-06-09 02:45:00	8.88	18.99	0.25	6.99	10.89	168.70
SQU-DS	2025-06-09 03:00:00	8.83	18.89	0.26	6.97	10.91	109.77
SQU-DS	2025-06-09 03:15:00	8.78	18.84	0.28	6.94	10.92	108.07
SQU-DS	2025-06-09 03:30:00	8.67	18.89	0.24	6.98	10.95	116.15
SQU-DS	2025-06-09 03:45:00	8.62	18.85	0.25	6.96	10.95	143.73
SQU-DS	2025-06-09 04:00:00	8.61	18.80	0.27	6.84	10.94	112.69
SQU-DS	2025-06-09 04:15:00	8.56	18.79	0.27	6.93	10.96	110.89
SQU-DS	2025-06-09 04:30:00	8.52	18.81	0.24	6.93	10.97	95.58
SQU-DS	2025-06-09 04:45:00	8.53	18.78	0.26	6.83	10.97	107.42
SQU-DS	2025-06-09 05:00:00	8.40	18.86	0.27	6.94	11.00	104.39
SQU-DS	2025-06-09 05:15:00	8.46	18.81	0.27	6.97	10.96	124.57
SQU-DS	2025-06-09 05:30:00	8.37	18.84	0.25	6.81	11.00	140.38
SQU-DS	2025-06-09 05:45:00	8.38	18.76	0.25	6.91	10.97	105.78
SQU-DS	2025-06-09 06:00:00	8.32	19.05	0.26	6.96	10.98	108.03
SQU-DS	2025-06-09 06:15:00	8.31	18.93	0.27	6.94	11.00	124.68
SQU-DS	2025-06-09 06:30:00	8.31	19.00	0.24	6.95	10.99	140.00
SQU-DS	2025-06-09 06:45:00	8.27	18.93	0.25	6.97	11.00	130.74
SQU-DS	2025-06-09 07:00:00	8.28	19.10	0.26	6.97	10.98	159.45
SQU-DS	2025-06-09 07:15:00	8.20	19.21	0.27	6.93	11.01	111.63
SQU-DS	2025-06-09 07:30:00	8.22	19.18	0.24	6.93	11.01	104.63
SQU-DS	2025-06-09 07:45:00	8.28	19.00	0.25	6.87	10.99	238.05
SQU-DS	2025-06-09 08:00:00	8.21	19.06	0.26	6.81	11.01	115.68
SQU-DS	2025-06-09 08:15:00	8.22	19.26	0.27	6.91	11.01	111.37
SQU-DS	2025-06-09 08:30:00	8.14	19.53	0.24	6.87	11.01	97.11
SQU-DS	2025-06-09 08:45:00	8.22	19.61	0.25	6.93	11.00	104.96
SQU-DS	2025-06-09 09:00:00	8.24	19.57	0.27	6.84	11.03	99.16
SQU-DS	2025-06-09 09:15:00	8.24	19.79	0.27	6.96	11.03	92.70
SQU-DS	2025-06-09 09:30:00	8.31	19.99	0.25	6.94	11.02	94.19
SQU-DS	2025-06-09 09:45:00	8.32	19.84	0.25	6.93	11.03	95.80
SQU-DS	2025-06-09 10:00:00	8.32	19.81	0.26	6.98	11.05	100.98
SQU-DS	2025-06-09 10:15:00	8.34	20.04	0.27	6.97	11.04	112.52
SQU-DS	2025-06-09 10:30:00	8.47	19.77	0.24	6.91	11.04	108.70
SQU-DS	2025-06-09 10:45:00	8.50	20.11	0.25	6.94	11.03	91.91
SQU-DS	2025-06-09 11:00:00	8.52	20.14	0.26	6.98	11.02	101.85
SQU-DS	2025-06-09 11:15:00	8.61	19.95	0.27	6.98	11.01	107.93
SQU-DS	2025-06-09 11:30:00	8.63	20.21	0.25	6.91	11.02	113.89
SQU-DS	2025-06-09 11:45:00	8.72	20.07	0.26	6.89	10.99	95.70
SQU-DS	2025-06-09 12:00:00	8.79	20.13	0.26	7.02	10.98	99.21
SQU-DS	2025-06-09 12:15:00	8.87	20.25	0.27	6.99	10.98	95.36
SQU-DS	2025-06-09 12:30:00	8.92	20.40	0.24	6.90	10.97	86.02
SQU-DS	2025-06-09 12:45:00	9.06	20.52	0.26	6.95	10.94	79.11
SQU-DS	2025-06-09 13:00:00	9.11	20.56	0.27	7.00	10.94	86.11
SQU-DS	2025-06-09 13:15:00	9.22	20.37	0.27	7.01	10.92	74.57
SQU-DS	2025-06-09 13:30:00	9.30	20.42	0.24	6.99	10.89	81.89

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-09 13:45:00	9.42	20.78	0.25	7.02	10.87	82.59
SQU-DS	2025-06-09 14:00:00	9.51	20.63	0.26	7.04	10.85	210.17
SQU-DS	2025-06-09 14:15:00	9.64	20.54	0.27	7.00	10.82	80.69
SQU-DS	2025-06-09 14:30:00	9.75	20.86	0.23	7.04	10.79	85.08
SQU-DS	2025-06-09 14:45:00	9.86	21.14	0.25	6.98	10.75	98.45
SQU-DS	2025-06-09 15:00:00	9.97	20.90	0.26	7.04	10.72	74.47
SQU-DS	2025-06-09 15:15:00	10.08	21.05	0.27	7.02	10.70	66.00
SQU-DS	2025-06-09 15:30:00	10.21	21.49	0.24	6.96	10.66	107.56
SQU-DS	2025-06-09 15:45:00	10.33	21.58	0.24	7.06	10.62	56.38
SQU-DS	2025-06-09 16:00:00	10.45	21.43	0.26	7.02	10.59	84.45
SQU-DS	2025-06-09 16:15:00	10.56	21.57	0.27	6.93	10.55	71.03
SQU-DS	2025-06-09 16:30:00	10.67	21.49	0.23	7.02	10.52	65.74
SQU-DS	2025-06-09 16:45:00	10.78	21.64	0.25	7.06	10.48	101.02
SQU-DS	2025-06-09 17:00:00	10.89	21.90	0.27	7.04	10.44	71.01
SQU-DS	2025-06-09 17:15:00	10.98	21.91	0.27	7.08	10.42	70.51
SQU-DS	2025-06-09 17:30:00	11.06	21.85	0.23	7.09	10.39	74.64
SQU-DS	2025-06-09 17:45:00	11.13	21.76	0.23	7.11	10.37	74.10
SQU-DS	2025-06-09 18:00:00	11.19	21.92	0.25	7.09	10.34	95.27
SQU-DS	2025-06-09 18:15:00	11.25	22.04	0.26	7.09	10.31	74.18
SQU-DS	2025-06-09 18:30:00	11.30	21.99	0.22	7.11	10.30	74.81
SQU-DS	2025-06-09 18:45:00	11.33	22.16	0.24	7.08	10.28	102.74
SQU-DS	2025-06-09 19:00:00	11.36	21.71	0.26	7.08	10.27	100.32
SQU-DS	2025-06-09 19:15:00	11.38	21.73	0.27	7.09	10.26	93.86
SQU-DS	2025-06-09 19:30:00	11.38	22.00	0.23	7.09	10.26	92.54
SQU-DS	2025-06-09 19:45:00	11.34	21.53	0.24	7.08	10.26	75.53
SQU-DS	2025-06-09 20:00:00	11.30	21.50	0.26	7.02	10.25	87.82
SQU-DS	2025-06-09 20:15:00	11.25	21.49	0.26	7.08	10.26	77.48
SQU-DS	2025-06-09 20:30:00	11.19	21.21	0.23	7.08	10.27	112.79
SQU-DS	2025-06-09 20:45:00	11.13	21.24	0.25	7.09	10.30	118.25
SQU-DS	2025-06-09 21:00:00	11.05	20.93	0.27	7.02	10.32	115.05
SQU-DS	2025-06-09 21:15:00	10.98	20.93	0.27	6.95	10.32	101.81
SQU-DS	2025-06-09 21:30:00	10.86	21.12	0.24	7.03	10.35	97.03
SQU-DS	2025-06-09 21:45:00	10.79	20.68	0.24	7.07	10.37	128.58
SQU-DS	2025-06-09 22:00:00	10.67	20.51	0.26	6.99	10.40	99.10
SQU-DS	2025-06-09 22:15:00	10.57	20.55	0.27	7.00	10.43	99.05
SQU-DS	2025-06-09 22:30:00	10.45	20.55	0.22	7.02	10.47	110.44
SQU-DS	2025-06-09 22:45:00	10.35	20.66	0.25	6.90	10.49	113.54
SQU-DS	2025-06-09 23:00:00	10.21	20.25	0.26	6.91	10.53	105.49
SQU-DS	2025-06-09 23:15:00	10.12	20.16	0.27	6.92	10.56	112.57
SQU-DS	2025-06-09 23:30:00	10.01	19.97	0.23	6.96	10.58	107.38
SQU-DS	2025-06-09 23:45:00	9.88	19.81	0.24	6.96	10.61	98.62
SQU-DS	2025-06-10 00:00:00	9.79	19.90	0.26	6.99	10.63	112.87
SQU-DS	2025-06-10 00:15:00	9.67	19.46	0.26	7.02	10.68	113.60
SQU-DS	2025-06-10 00:30:00	9.57	19.45	0.22	6.98	10.69	113.30
SQU-DS	2025-06-10 00:45:00	9.47	19.37	0.25	6.89	10.72	106.09
SQU-DS	2025-06-10 01:00:00	9.40	19.38	0.26	6.97	10.73	239.18
SQU-DS	2025-06-10 01:15:00	9.32	19.04	0.27	6.88	10.75	101.66
SQU-DS	2025-06-10 01:30:00	9.24	19.04	0.24	6.93	10.77	97.73
SQU-DS	2025-06-10 01:45:00	9.18	19.03	0.25	6.97	10.77	98.38
SQU-DS	2025-06-10 02:00:00	9.06	18.92	0.26	6.92	10.81	96.84
SQU-DS	2025-06-10 02:15:00	8.98	18.95	0.27	6.92	10.84	91.00
SQU-DS	2025-06-10 02:30:00	8.94	18.89	0.23	6.92	10.83	93.57
SQU-DS	2025-06-10 02:45:00	8.87	18.89	0.24	6.98	10.85	96.07
SQU-DS	2025-06-10 03:00:00	8.78	18.98	0.26	6.95	10.87	124.08
SQU-DS	2025-06-10 03:15:00	8.76	18.78	0.28	6.88	10.86	88.34

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-10 03:30:00	8.78	18.76	0.24	6.92	10.88	98.15
SQU-DS	2025-06-10 03:45:00	8.64	18.78	0.25	6.83	10.89	97.68
SQU-DS	2025-06-10 04:00:00	8.61	18.79	0.26	6.98	10.89	114.74
SQU-DS	2025-06-10 04:15:00	8.54	19.09	0.26	6.97	10.91	76.85
SQU-DS	2025-06-10 04:30:00	8.55	18.81	0.22	6.96	10.91	89.63
SQU-DS	2025-06-10 04:45:00	8.51	18.78	0.24	6.98	10.90	137.64
SQU-DS	2025-06-10 05:00:00	8.51	18.79	0.26	6.96	10.90	107.83
SQU-DS	2025-06-10 05:15:00	8.39	18.93	0.27	6.96	10.91	103.86
SQU-DS	2025-06-10 05:30:00	8.46	18.86	0.23	6.95	10.91	96.57
SQU-DS	2025-06-10 05:45:00	8.39	18.87	0.24	6.91	10.91	92.52
SQU-DS	2025-06-10 06:00:00	8.33	18.93	0.26	6.86	10.92	344.91
SQU-DS	2025-06-10 06:15:00	8.35	19.02	0.27	6.90	10.93	98.02
SQU-DS	2025-06-10 06:30:00	8.31	19.22	0.23	6.86	10.93	116.46
SQU-DS	2025-06-10 06:45:00	8.28	19.08	0.25	6.95	10.92	92.89
SQU-DS	2025-06-10 07:00:00	8.19	19.48	0.25	6.95	10.96	107.89
SQU-DS	2025-06-10 07:15:00	8.21	19.32	0.26	6.89	10.95	98.61
SQU-DS	2025-06-10 07:30:00	8.23	19.33	0.23	6.89	10.95	108.17
SQU-DS	2025-06-10 07:45:00	8.20	19.23	0.24	6.93	10.95	76.29
SQU-DS	2025-06-10 08:00:00	8.22	19.19	0.26	6.93	10.95	111.12
SQU-DS	2025-06-10 08:15:00	8.17	19.43	0.26	6.94	10.97	79.85
SQU-DS	2025-06-10 08:30:00	8.15	19.78	0.22	6.92	10.99	92.01
SQU-DS	2025-06-10 08:45:00	8.19	19.89	0.24	6.97	10.98	86.99
SQU-DS	2025-06-10 09:00:00	8.21	20.38	0.25	6.96	10.98	79.72
SQU-DS	2025-06-10 09:15:00	8.24	20.15	0.27	6.86	10.98	87.42
SQU-DS	2025-06-10 09:30:00	8.22	20.29	0.22	7.01	10.98	80.51
SQU-DS	2025-06-10 09:45:00	8.29	20.27	0.24	6.94	10.98	72.20
SQU-DS	2025-06-10 10:00:00	8.31	19.99	0.25	6.98	11.01	72.25
SQU-DS	2025-06-10 10:15:00	8.35	20.23	0.27	6.95	10.98	98.39
SQU-DS	2025-06-10 10:30:00	8.37	20.74	0.22	6.95	10.99	75.32
SQU-DS	2025-06-10 10:45:00	8.46	20.53	0.24	6.96	10.98	114.23
SQU-DS	2025-06-10 11:00:00	8.48	20.97	0.26	6.95	10.97	65.06
SQU-DS	2025-06-10 11:15:00	8.56	20.53	0.27	6.96	10.97	83.93
SQU-DS	2025-06-10 11:30:00	8.67	20.48	0.23	6.98	10.95	90.03
SQU-DS	2025-06-10 11:45:00	8.72	20.49	0.24	6.96	10.94	76.20
SQU-DS	2025-06-10 12:00:00	8.79	20.63	0.25	6.99	10.93	68.96
SQU-DS	2025-06-10 12:15:00	8.86	20.84	0.26	6.97	10.93	116.45
SQU-DS	2025-06-10 12:30:00	8.96	20.97	0.23	6.97	10.90	73.20
SQU-DS	2025-06-10 12:45:00	9.05	20.90	0.25	7.00	10.89	111.75
SQU-DS	2025-06-10 13:00:00	9.11	21.18	0.26	6.99	10.89	83.40
SQU-DS	2025-06-10 13:15:00	9.23	20.99	0.27	7.01	10.86	65.91
SQU-DS	2025-06-10 13:30:00	9.31	21.34	0.24	6.99	10.83	80.73
SQU-DS	2025-06-10 13:45:00	9.40	21.36	0.25	6.97	10.81	69.07
SQU-DS	2025-06-10 14:00:00	9.50	21.36	0.26	6.97	10.80	75.58
SQU-DS	2025-06-10 14:15:00	9.60	21.43	0.27	7.03	10.76	82.33
SQU-DS	2025-06-10 14:30:00	9.71	21.70	0.23	6.94	10.73	62.04
SQU-DS	2025-06-10 14:45:00	9.79	21.47	0.25	7.03	10.71	74.92
SQU-DS	2025-06-10 15:00:00	9.88	21.77	0.26	7.05	10.68	61.53
SQU-DS	2025-06-10 15:15:00	9.96	21.99	0.27	7.04	10.65	76.31
SQU-DS	2025-06-10 15:30:00	10.05	21.97	0.23	7.03	10.62	64.11
SQU-DS	2025-06-10 15:45:00	10.11	22.24	0.23	7.02	10.58	54.70
SQU-DS	2025-06-10 16:00:00	10.18	22.26	0.25	6.98	10.56	65.37
SQU-DS	2025-06-10 16:15:00	10.25	22.41	0.27	6.96	10.53	74.75
SQU-DS	2025-06-10 16:30:00	10.32	22.76	0.22	7.05	10.50	68.80
SQU-DS	2025-06-10 16:45:00	10.40	22.42	0.25	7.02	10.47	65.00
SQU-DS	2025-06-10 17:00:00	10.48	22.86	0.26	7.05	10.45	54.10

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-10 17:15:00	10.58	22.65	0.27	6.99	10.43	68.05
SQU-DS	2025-06-10 17:30:00	10.67	22.81	0.23	7.02	10.41	59.52
SQU-DS	2025-06-10 17:45:00	10.75	23.04	0.24	6.99	10.37	63.77
SQU-DS	2025-06-10 18:00:00	10.82	23.06	0.25	7.04	10.36	72.90
SQU-DS	2025-06-10 18:15:00	10.87	22.83	0.26	7.03	10.33	71.96
SQU-DS	2025-06-10 18:30:00	10.93	22.78	0.22	7.10	10.32	60.65
SQU-DS	2025-06-10 18:45:00	10.97	23.15	0.24	7.12	10.29	67.84
SQU-DS	2025-06-10 19:00:00	11.00	23.11	0.26	7.11	10.29	79.37
SQU-DS	2025-06-10 19:15:00	11.00	22.90	0.27	7.08	10.29	72.97
SQU-DS	2025-06-10 19:30:00	11.00	23.03	0.22	7.11	10.26	87.98
SQU-DS	2025-06-10 19:45:00	10.98	23.07	0.23	7.06	10.25	79.32
SQU-DS	2025-06-10 20:00:00	10.95	22.95	0.25	7.01	10.24	72.77
SQU-DS	2025-06-10 20:15:00	10.91	22.89	0.26	7.06	10.24	68.71
SQU-DS	2025-06-10 20:30:00	10.86	23.00	0.21	7.06	10.25	95.80
SQU-DS	2025-06-10 20:45:00	10.83	22.70	0.24	7.08	10.25	78.61
SQU-DS	2025-06-10 21:00:00	10.76	22.88	0.25	7.09	10.26	61.36
SQU-DS	2025-06-10 21:15:00	10.71	22.74	0.26	7.06	10.26	61.10
SQU-DS	2025-06-10 21:30:00	10.65	22.43	0.21	6.98	10.28	94.61
SQU-DS	2025-06-10 21:45:00	10.58	22.59	0.23	7.07	10.29	74.53
SQU-DS	2025-06-10 22:00:00	10.50	22.34	0.25	7.01	10.31	84.60
SQU-DS	2025-06-10 22:15:00	10.42	22.47	0.25	7.05	10.32	72.17
SQU-DS	2025-06-10 22:30:00	10.34	22.08	0.21	7.05	10.35	92.89
SQU-DS	2025-06-10 22:45:00	10.26	22.04	0.24	7.06	10.35	72.17
SQU-DS	2025-06-10 23:00:00	10.18	22.12	0.25	7.01	10.37	77.76
SQU-DS	2025-06-10 23:15:00	10.10	22.37	0.26	7.01	10.38	72.37
SQU-DS	2025-06-10 23:30:00	10.01	21.98	0.22	6.95	10.42	78.48
SQU-DS	2025-06-10 23:45:00	9.96	21.91	0.24	6.94	10.43	86.41
SQU-DS	2025-06-11 00:00:00	9.86	21.68	0.25	6.95	10.45	54.31
SQU-DS	2025-06-11 00:15:00	9.79	21.60	0.27	6.98	10.47	102.67
SQU-DS	2025-06-11 00:30:00	9.69	21.74	0.21	7.01	10.50	77.59
SQU-DS	2025-06-11 00:45:00	9.62	21.26	0.24	6.92	10.52	72.41
SQU-DS	2025-06-11 01:00:00	9.53	21.28	0.25	6.93	10.54	71.97
SQU-DS	2025-06-11 01:15:00	9.48	21.27	0.26	7.03	10.56	87.06
SQU-DS	2025-06-11 01:30:00	9.40	20.90	0.21	6.98	10.58	57.44
SQU-DS	2025-06-11 01:45:00	9.32	20.87	0.23	7.02	10.59	75.24
SQU-DS	2025-06-11 02:00:00	9.23	20.91	0.25	6.97	10.61	73.17
SQU-DS	2025-06-11 02:15:00	9.19	21.01	0.26	6.87	10.63	62.92
SQU-DS	2025-06-11 02:30:00	9.13	20.74	0.22	6.97	10.63	58.48
SQU-DS	2025-06-11 02:45:00	9.04	20.86	0.24	7.01	10.66	72.46
SQU-DS	2025-06-11 03:00:00	8.97	20.81	0.26	6.97	10.66	71.70
SQU-DS	2025-06-11 03:15:00	8.93	20.83	0.27	7.00	10.67	75.55
SQU-DS	2025-06-11 03:30:00	8.91	21.03	0.22	7.00	10.68	54.95
SQU-DS	2025-06-11 03:45:00	8.81	20.82	0.24	7.01	10.72	62.82
SQU-DS	2025-06-11 04:00:00	8.80	20.64	0.25	7.03	10.73	74.55
SQU-DS	2025-06-11 04:15:00	8.71	20.83	0.27	6.94	10.73	67.90
SQU-DS	2025-06-11 04:30:00	8.71	20.76	0.23	7.01	10.73	75.88
SQU-DS	2025-06-11 04:45:00	8.68	20.58	0.25	6.97	10.75	59.92
SQU-DS	2025-06-11 05:00:00	8.58	20.85	0.27	6.90	10.75	88.77
SQU-DS	2025-06-11 05:15:00	8.61	20.70	0.27	7.01	10.75	65.39
SQU-DS	2025-06-11 05:30:00	8.56	20.73	0.24	6.93	10.77	74.22
SQU-DS	2025-06-11 05:45:00	8.51	20.85	0.25	6.98	10.78	59.04
SQU-DS	2025-06-11 06:00:00	8.49	20.83	0.26	7.01	10.78	73.93
SQU-DS	2025-06-11 06:15:00	8.48	20.73	0.28	6.93	10.80	95.66
SQU-DS	2025-06-11 06:30:00	8.46	20.78	0.22	7.02	10.79	77.79
SQU-DS	2025-06-11 06:45:00	8.41	20.99	0.25	6.93	10.81	68.06

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-11 07:00:00	8.41	20.95	0.26	7.01	10.81	62.66
SQU-DS	2025-06-11 07:15:00	8.36	21.04	0.28	7.02	10.84	76.71
SQU-DS	2025-06-11 07:30:00	8.38	21.05	0.22	7.00	10.82	80.30
SQU-DS	2025-06-11 07:45:00	8.37	21.33	0.24	7.01	10.84	55.22
SQU-DS	2025-06-11 08:00:00	8.36	21.23	0.25	6.96	10.84	59.40
SQU-DS	2025-06-11 08:15:00	8.37	21.37	0.26	7.02	10.84	64.89
SQU-DS	2025-06-11 08:30:00	8.35	21.77	0.22	7.02	10.85	74.43
SQU-DS	2025-06-11 08:45:00	8.35	21.65	0.25	6.98	10.84	67.13
SQU-DS	2025-06-11 09:00:00	8.37	21.76	0.26	6.97	10.86	60.67
SQU-DS	2025-06-11 09:15:00	8.39	21.87	0.27	6.94	10.86	57.34
SQU-DS	2025-06-11 09:30:00	8.45	21.80	0.21	7.01	10.86	80.99
SQU-DS	2025-06-11 09:45:00	8.47	22.07	0.23	6.99	10.87	56.51
SQU-DS	2025-06-11 10:00:00	8.53	22.05	0.25	6.97	10.85	52.52
SQU-DS	2025-06-11 10:15:00	8.58	22.08	0.26	7.01	10.84	63.22
SQU-DS	2025-06-11 10:30:00	8.65	22.16	0.22	6.98	10.85	63.13
SQU-DS	2025-06-11 10:45:00	8.70	22.51	0.25	7.02	10.84	65.05
SQU-DS	2025-06-11 11:00:00	8.75	22.37	0.26	7.01	10.85	67.15
SQU-DS	2025-06-11 11:15:00	8.80	22.41	0.27	7.00	10.84	62.25
SQU-DS	2025-06-11 11:30:00	8.88	22.45	0.23	7.02	10.83	59.11
SQU-DS	2025-06-11 11:45:00	8.93	22.53	0.24	7.01	10.83	58.96
SQU-DS	2025-06-11 12:00:00	9.04	22.51	0.26	6.87	10.82	73.27
SQU-DS	2025-06-11 12:15:00	9.10	22.49	0.27	7.03	10.81	58.25
SQU-DS	2025-06-11 12:30:00	9.17	22.54	0.22	7.02	10.80	54.22
SQU-DS	2025-06-11 12:45:00	9.25	22.57	0.24	7.02	10.77	48.60
SQU-DS	2025-06-11 13:00:00	9.30	22.65	0.26	7.04	10.78	51.12
SQU-DS	2025-06-11 13:15:00	9.39	22.71	0.27	7.05	10.75	47.88
SQU-DS	2025-06-11 13:30:00	9.48	22.80	0.23	7.05	10.74	56.91
SQU-DS	2025-06-11 13:45:00	9.55	22.96	0.24	7.03	10.73	48.80
SQU-DS	2025-06-11 14:00:00	9.64	22.98	0.26	7.05	10.69	57.32
SQU-DS	2025-06-11 14:15:00	9.72	22.92	0.26	7.05	10.67	52.96
SQU-DS	2025-06-11 14:30:00	9.78	23.10	0.22	7.04	10.65	59.02
SQU-DS	2025-06-11 14:45:00	9.86	23.10	0.24	7.05	10.64	61.10
SQU-DS	2025-06-11 15:00:00	9.95	23.37	0.26	6.97	10.61	82.32
SQU-DS	2025-06-11 15:15:00	10.03	23.47	0.27	7.06	10.58	54.76
SQU-DS	2025-06-11 15:30:00	10.13	23.43	0.22	7.04	10.57	56.94
SQU-DS	2025-06-11 15:45:00	10.24	23.46	0.24	7.02	10.55	52.50
SQU-DS	2025-06-11 16:00:00	10.34	23.59	0.26	7.04	10.52	69.94
SQU-DS	2025-06-11 16:15:00	10.42	23.77	0.27	7.02	10.49	55.83
SQU-DS	2025-06-11 16:30:00	10.51	23.69	0.22	7.07	10.46	53.62
SQU-DS	2025-06-11 16:45:00	10.56	24.04	0.24	7.03	10.45	52.02
SQU-DS	2025-06-11 17:00:00	10.62	24.18	0.26	7.08	10.42	50.51
SQU-DS	2025-06-11 17:15:00	10.67	24.09	0.27	7.06	10.40	67.82
SQU-DS	2025-06-11 17:30:00	10.72	23.87	0.22	7.05	10.38	74.77
SQU-DS	2025-06-11 17:45:00	10.73	24.11	0.23	7.11	10.35	61.90
SQU-DS	2025-06-11 18:00:00	10.76	24.01	0.25	7.07	10.35	62.75
SQU-DS	2025-06-11 18:15:00	10.78	24.18	0.27	7.04	10.34	51.40
SQU-DS	2025-06-11 18:30:00	10.79	24.33	0.21	7.07	10.32	51.89
SQU-DS	2025-06-11 18:45:00	10.81	24.39	0.24	7.07	10.30	57.11
SQU-DS	2025-06-11 19:00:00	10.84	24.39	0.26	7.11	10.28	48.46
SQU-DS	2025-06-11 19:15:00	10.85	24.33	0.27	7.07	10.28	56.07
SQU-DS	2025-06-11 19:30:00	10.87	24.43	0.22	7.13	10.26	56.28
SQU-DS	2025-06-11 19:45:00	10.86	24.66	0.24	7.13	10.25	42.47
SQU-DS	2025-06-11 20:00:00	10.84	24.63	0.25	7.08	10.24	51.68
SQU-DS	2025-06-11 20:15:00	10.83	24.66	0.26	7.11	10.24	50.35
SQU-DS	2025-06-11 20:30:00	10.84	24.37	0.22	7.11	10.23	53.16

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-11 20:45:00	10.81	24.65	0.24	7.13	10.24	58.17
SQU-DS	2025-06-11 21:00:00	10.78	24.20	0.26	7.09	10.23	59.16
SQU-DS	2025-06-11 21:15:00	10.73	24.30	0.28	7.05	10.24	54.96
SQU-DS	2025-06-11 21:30:00	10.68	24.31	0.23	7.11	10.24	51.10
SQU-DS	2025-06-11 21:45:00	10.66	24.17	0.24	7.13	10.24	51.79
SQU-DS	2025-06-11 22:00:00	10.61	24.11	0.26	7.09	10.25	54.64
SQU-DS	2025-06-11 22:15:00	10.56	23.98	0.27	7.12	10.25	54.34
SQU-DS	2025-06-11 22:30:00	10.51	24.03	0.22	7.08	10.26	61.02
SQU-DS	2025-06-11 22:45:00	10.44	23.79	0.25	7.08	10.27	55.97
SQU-DS	2025-06-11 23:00:00	10.41	23.64	0.26	7.06	10.28	52.43
SQU-DS	2025-06-11 23:15:00	10.33	23.51	0.27	7.10	10.30	58.53
SQU-DS	2025-06-11 23:30:00	10.27	23.23	0.24	7.08	10.32	55.50
SQU-DS	2025-06-11 23:45:00	10.20	23.20	0.26	6.91	10.34	54.36
SQU-DS	2025-06-12 00:00:00	10.14	23.09	0.27	7.08	10.35	57.92
SQU-DS	2025-06-12 00:15:00	10.07	22.88	0.27	7.05	10.37	51.24
SQU-DS	2025-06-12 00:30:00	9.98	22.99	0.22	6.99	10.38	72.33
SQU-DS	2025-06-12 00:45:00	9.93	22.76	0.25	7.06	10.39	57.96
SQU-DS	2025-06-12 01:00:00	9.87	22.54	0.26	7.05	10.41	50.59
SQU-DS	2025-06-12 01:15:00	9.79	22.45	0.28	6.98	10.43	80.85
SQU-DS	2025-06-12 01:30:00	9.74	22.32	0.24	7.03	10.44	54.64
SQU-DS	2025-06-12 01:45:00	9.68	22.40	0.25	7.03	10.46	60.81
SQU-DS	2025-06-12 02:00:00	9.59	22.10	0.27	7.00	10.48	55.64
SQU-DS	2025-06-12 02:15:00	9.53	22.04	0.27	7.05	10.50	56.83
SQU-DS	2025-06-12 02:30:00	9.48	21.95	0.22	7.04	10.52	58.98
SQU-DS	2025-06-12 02:45:00	9.42	21.95	0.24	7.02	10.52	52.72
SQU-DS	2025-06-12 03:00:00	9.37	22.01	0.26	7.04	10.54	54.30
SQU-DS	2025-06-12 03:15:00	9.31	21.80	0.28	6.95	10.54	52.94
SQU-DS	2025-06-12 03:30:00	9.25	21.89	0.22	7.03	10.56	57.85
SQU-DS	2025-06-12 03:45:00	9.18	21.74	0.24	6.98	10.58	55.56
SQU-DS	2025-06-12 04:00:00	9.15	21.71	0.26	7.02	10.58	56.50
SQU-DS	2025-06-12 04:15:00	9.09	21.73	0.27	7.00	10.60	62.89
SQU-DS	2025-06-12 04:30:00	9.10	21.69	0.23	7.02	10.60	60.29
SQU-DS	2025-06-12 04:45:00	9.03	21.72	0.25	7.02	10.62	59.93
SQU-DS	2025-06-12 05:00:00	8.98	21.75	0.27	7.04	10.64	67.12
SQU-DS	2025-06-12 05:15:00	8.94	21.67	0.28	7.02	10.64	59.22
SQU-DS	2025-06-12 05:30:00	8.96	21.51	0.25	6.95	10.64	68.19
SQU-DS	2025-06-12 05:45:00	8.90	21.77	0.26	7.03	10.66	59.62
SQU-DS	2025-06-12 06:00:00	8.87	21.57	0.27	6.99	10.66	55.19
SQU-DS	2025-06-12 06:15:00	8.84	21.81	0.27	7.03	10.67	42.21
SQU-DS	2025-06-12 06:30:00	8.84	21.61	0.23	7.00	10.68	52.76
SQU-DS	2025-06-12 06:45:00	8.81	21.78	0.26	7.05	10.69	47.94
SQU-DS	2025-06-12 07:00:00	8.79	21.79	0.27	6.97	10.69	48.35
SQU-DS	2025-06-12 07:15:00	8.76	21.88	0.28	7.00	10.71	49.27
SQU-DS	2025-06-12 07:30:00	8.79	21.88	0.23	6.99	10.72	53.97
SQU-DS	2025-06-12 07:45:00	8.78	22.02	0.25	7.03	10.72	58.00
SQU-DS	2025-06-12 08:00:00	8.78	21.88	0.27	6.98	10.73	79.46
SQU-DS	2025-06-12 08:15:00	8.79	22.37	0.27	7.01	10.72	51.24
SQU-DS	2025-06-12 08:30:00	8.83	22.30	0.24	7.04	10.72	55.52
SQU-DS	2025-06-12 08:45:00	8.80	22.30	0.26	7.03	10.74	65.06
SQU-DS	2025-06-12 09:00:00	8.81	22.47	0.28	7.02	10.74	57.45
SQU-DS	2025-06-12 09:15:00	8.83	22.57	0.28	7.03	10.73	55.14
SQU-DS	2025-06-12 09:30:00	8.82	22.81	0.24	7.00	10.75	48.88
SQU-DS	2025-06-12 09:45:00	8.80	22.81	0.25	7.03	10.75	59.57
SQU-DS	2025-06-12 10:00:00	8.88	22.68	0.26	7.02	10.75	52.20
SQU-DS	2025-06-12 10:15:00	8.90	22.72	0.27	6.96	10.74	52.37

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-12 10:30:00	8.90	22.91	0.23	7.03	10.74	48.67
SQU-DS	2025-06-12 10:45:00	8.89	22.60	0.26	7.01	10.76	57.07
SQU-DS	2025-06-12 11:00:00	8.86	22.80	0.27	7.05	10.75	61.18
SQU-DS	2025-06-12 11:15:00	8.86	22.62	0.29	6.97	10.74	46.74
SQU-DS	2025-06-12 11:30:00	8.82	22.86	0.24	6.97	10.76	48.66
SQU-DS	2025-06-12 11:45:00	8.84	22.75	0.24	7.06	10.76	42.23
SQU-DS	2025-06-12 12:00:00	8.82	23.01	0.26	7.04	10.75	50.27
SQU-DS	2025-06-12 12:15:00	8.86	23.05	0.27	7.02	10.75	47.44
SQU-DS	2025-06-12 12:30:00	8.88	22.84	0.23	7.01	10.75	35.61
SQU-DS	2025-06-12 12:45:00	8.87	22.89	0.25	7.05	10.75	58.49
SQU-DS	2025-06-12 13:00:00	8.91	23.04	0.27	7.03	10.75	47.82
SQU-DS	2025-06-12 13:15:00	8.88	23.13	0.28	7.00	10.75	52.02
SQU-DS	2025-06-12 13:30:00	8.88	23.09	0.23	7.05	10.74	53.90
SQU-DS	2025-06-12 13:45:00	8.92	23.06	0.24	7.03	10.73	55.63
SQU-DS	2025-06-12 14:00:00	8.91	23.26	0.25	7.06	10.73	51.53
SQU-DS	2025-06-12 14:15:00	8.90	23.47	0.27	7.02	10.73	40.08
SQU-DS	2025-06-12 14:30:00	8.90	23.38	0.23	7.02	10.74	50.52
SQU-DS	2025-06-12 14:45:00	8.93	23.52	0.25	7.07	10.73	45.02
SQU-DS	2025-06-12 15:00:00	8.92	23.47	0.28	7.01	10.73	62.36
SQU-DS	2025-06-12 15:15:00	8.97	23.62	0.29	6.98	10.72	48.99
SQU-DS	2025-06-12 15:30:00	8.95	23.86	0.24	7.06	10.72	47.98
SQU-DS	2025-06-12 15:45:00	8.97	23.72	0.25	7.06	10.72	34.90
SQU-DS	2025-06-12 16:00:00	8.95	23.78	0.26	7.06	10.71	39.87
SQU-DS	2025-06-12 16:15:00	8.96	23.86	0.27	7.08	10.71	55.11
SQU-DS	2025-06-12 16:30:00	8.97	23.96	0.23	7.07	10.70	76.23
SQU-DS	2025-06-12 16:45:00	8.99	23.89	0.27	6.98	10.71	41.47
SQU-DS	2025-06-12 17:00:00	8.99	24.08	0.28	7.06	10.71	46.04
SQU-DS	2025-06-12 17:15:00	9.00	24.01	0.29	7.07	10.71	48.97
SQU-DS	2025-06-12 17:30:00	8.98	24.15	0.24	7.07	10.71	58.45
SQU-DS	2025-06-12 17:45:00	8.94	24.30	0.25	7.04	10.70	38.85
SQU-DS	2025-06-12 18:00:00	8.91	24.29	0.26	7.06	10.72	43.77
SQU-DS	2025-06-12 18:15:00	8.90	24.16	0.27	7.06	10.70	63.06
SQU-DS	2025-06-12 18:30:00	8.84	24.31	0.23	7.07	10.73	45.50
SQU-DS	2025-06-12 18:45:00	8.82	24.26	0.25	7.09	10.73	45.83
SQU-DS	2025-06-12 19:00:00	8.78	24.40	0.27	7.07	10.74	45.38
SQU-DS	2025-06-12 19:15:00	8.74	24.57	0.28	7.07	10.75	48.32
SQU-DS	2025-06-12 19:30:00	8.74	24.53	0.25	7.11	10.73	55.03
SQU-DS	2025-06-12 19:45:00	8.71	24.55	0.27	6.94	10.72	48.03
SQU-DS	2025-06-12 20:00:00	8.72	24.51	0.27	7.06	10.72	35.33
SQU-DS	2025-06-12 20:15:00	8.67	24.61	0.28	7.05	10.72	37.48
SQU-DS	2025-06-12 20:30:00	8.65	24.58	0.24	7.09	10.73	70.91
SQU-DS	2025-06-12 20:45:00	8.64	24.80	0.26	7.05	10.71	60.20
SQU-DS	2025-06-12 21:00:00	8.62	25.08	0.28	7.03	10.71	40.61
SQU-DS	2025-06-12 21:15:00	8.60	25.20	0.29	7.06	10.71	56.37
SQU-DS	2025-06-12 21:30:00	8.55	25.44	0.24	7.08	10.72	47.07
SQU-DS	2025-06-12 21:45:00	8.57	25.11	0.25	7.03	10.72	39.49
SQU-DS	2025-06-12 22:00:00	8.53	25.24	0.26	7.08	10.71	38.02
SQU-DS	2025-06-12 22:15:00	8.51	25.31	0.28	7.06	10.72	29.23
SQU-DS	2025-06-12 22:30:00	8.49	25.25	0.23	7.08	10.72	43.58
SQU-DS	2025-06-12 22:45:00	8.47	25.31	0.25	7.08	10.72	38.43
SQU-DS	2025-06-12 23:00:00	8.47	25.36	0.27	7.00	10.74	45.57
SQU-DS	2025-06-12 23:15:00	8.45	25.27	0.28	7.05	10.72	31.90
SQU-DS	2025-06-12 23:30:00	8.41	25.52	0.24	7.03	10.72	37.28
SQU-DS	2025-06-12 23:45:00	8.44	25.52	0.25	6.98	10.72	37.17
SQU-DS	2025-06-13 00:00:00	8.36	25.68	0.27	7.03	10.71	57.65

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-13 00:15:00	8.34	25.86	0.28	6.98	10.72	40.81
SQU-DS	2025-06-13 00:30:00	8.38	25.59	0.24	7.03	10.70	36.37
SQU-DS	2025-06-13 00:45:00	8.34	25.68	0.27	6.98	10.71	42.91
SQU-DS	2025-06-13 01:00:00	8.32	25.56	0.28	7.02	10.72	36.24
SQU-DS	2025-06-13 01:15:00	8.30	25.52	0.29	7.04	10.71	39.46
SQU-DS	2025-06-13 01:30:00	8.28	25.53	0.26	7.02	10.72	47.82
SQU-DS	2025-06-13 01:45:00	8.27	25.54	0.26	7.03	10.72	41.91
SQU-DS	2025-06-13 02:00:00	8.24	25.46	0.28	7.00	10.73	39.15
SQU-DS	2025-06-13 02:15:00	8.24	25.50	0.28	7.04	10.72	43.60
SQU-DS	2025-06-13 02:30:00	8.21	25.47	0.25	7.02	10.74	35.24
SQU-DS	2025-06-13 02:45:00	8.22	25.50	0.27	7.02	10.76	44.31
SQU-DS	2025-06-13 03:00:00	8.18	25.49	0.29	7.01	10.75	65.88
SQU-DS	2025-06-13 03:15:00	8.15	25.48	0.29	7.02	10.75	30.78
SQU-DS	2025-06-13 03:30:00	8.16	25.38	0.25	7.04	10.76	42.75
SQU-DS	2025-06-13 03:45:00	8.16	25.33	0.26	7.04	10.76	51.05
SQU-DS	2025-06-13 04:00:00	8.13	25.33	0.27	7.04	10.78	35.16
SQU-DS	2025-06-13 04:15:00	8.12	25.20	0.29	7.04	10.77	41.65
SQU-DS	2025-06-13 04:30:00	8.10	25.30	0.25	7.06	10.78	40.69
SQU-DS	2025-06-13 04:45:00	8.07	25.34	0.28	6.99	10.78	34.15
SQU-DS	2025-06-13 05:00:00	8.04	25.46	0.29	7.06	10.80	44.82
SQU-DS	2025-06-13 05:15:00	8.05	25.36	0.30	7.03	10.79	43.90
SQU-DS	2025-06-13 05:30:00	8.06	25.32	0.26	7.05	10.79	38.61
SQU-DS	2025-06-13 05:45:00	8.02	25.37	0.26	7.04	10.81	37.82
SQU-DS	2025-06-13 06:00:00	8.04	25.31	0.27	7.07	10.81	114.83
SQU-DS	2025-06-13 06:15:00	8.04	25.43	0.29	7.06	10.80	44.41
SQU-DS	2025-06-13 06:30:00	7.97	25.71	0.24	7.04	10.81	38.53
SQU-DS	2025-06-13 06:45:00	8.00	25.62	0.27	7.05	10.80	50.17
SQU-DS	2025-06-13 07:00:00	7.99	25.70	0.29	7.05	10.81	55.52
SQU-DS	2025-06-13 07:15:00	7.99	25.82	0.31	7.00	10.82	54.15
SQU-DS	2025-06-13 07:30:00	7.97	26.09	0.28	7.03	10.82	47.60
SQU-DS	2025-06-13 07:45:00	7.98	26.08	0.28	7.03	10.82	38.62
SQU-DS	2025-06-13 08:00:00	7.97	26.24	0.30	7.01	10.82	31.41
SQU-DS	2025-06-13 08:15:00	8.00	26.35	0.31	6.99	10.81	48.28
SQU-DS	2025-06-13 08:30:00	8.02	26.45	0.26	6.98	10.81	89.28
SQU-DS	2025-06-13 08:45:00	7.97	26.71	0.26	6.97	10.82	43.89
SQU-DS	2025-06-13 09:00:00	8.04	26.26	0.28	7.02	10.81	37.81
SQU-DS	2025-06-13 09:15:00	8.01	26.70	0.29	6.98	10.83	50.59
SQU-DS	2025-06-13 09:30:00	8.03	26.50	0.28	6.95	10.83	43.47
SQU-DS	2025-06-13 09:45:00	8.05	26.35	0.28	7.00	10.82	40.19
SQU-DS	2025-06-13 10:00:00	8.06	26.71	0.29	6.97	10.82	36.56
SQU-DS	2025-06-13 10:15:00	8.10	26.71	0.30	7.00	10.82	56.35
SQU-DS	2025-06-13 10:30:00	8.13	26.58	0.26	7.01	10.84	45.21
SQU-DS	2025-06-13 10:45:00	8.24	26.56	0.28	7.02	10.84	57.81
SQU-DS	2025-06-13 11:00:00	8.29	26.55	0.30	7.06	10.86	38.47
SQU-DS	2025-06-13 11:15:00	8.41	26.59	0.31	7.00	10.86	38.17
SQU-DS	2025-06-13 11:30:00	8.54	26.68	0.29	7.06	10.86	38.93
SQU-DS	2025-06-13 11:45:00	8.60	27.02	0.29	7.04	10.85	50.79
SQU-DS	2025-06-13 12:00:00	8.69	26.84	0.31	7.03	10.84	50.90
SQU-DS	2025-06-13 12:15:00	8.83	26.65	0.32	7.07	10.85	42.91
SQU-DS	2025-06-13 12:30:00	8.95	26.78	0.30	7.07	10.83	36.66
SQU-DS	2025-06-13 12:45:00	8.96	26.85	0.31	7.08	10.82	46.70
SQU-DS	2025-06-13 13:00:00	9.03	26.68	0.32	7.10	10.81	34.77
SQU-DS	2025-06-13 13:15:00	9.13	26.44	0.33	7.09	10.81	40.22
SQU-DS	2025-06-13 13:30:00	9.22	27.00	0.32	7.06	10.78	53.07
SQU-DS	2025-06-13 13:45:00	9.31	26.96	0.32	7.06	10.77	40.77

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-13 14:00:00	9.34	26.84	0.32	7.09	10.76	46.38
SQU-DS	2025-06-13 14:15:00	9.37	26.82	0.33	7.06	10.75	42.35
SQU-DS	2025-06-13 14:30:00	9.36	27.08	0.31	7.09	10.73	42.21
SQU-DS	2025-06-13 14:45:00	9.33	26.90	0.32	7.06	10.74	38.36
SQU-DS	2025-06-13 15:00:00	9.33	27.09	0.32	7.09	10.73	36.34
SQU-DS	2025-06-13 15:15:00	9.32	27.35	0.33	7.08	10.71	34.11
SQU-DS	2025-06-13 15:30:00	9.38	27.46	0.32	7.09	10.69	37.05
SQU-DS	2025-06-13 15:45:00	9.47	27.33	0.31	7.09	10.69	37.74
SQU-DS	2025-06-13 16:00:00	9.53	27.42	0.33	7.04	10.67	36.32
SQU-DS	2025-06-13 16:15:00	9.55	27.28	0.33	7.10	10.68	48.40
SQU-DS	2025-06-13 16:30:00	9.55	27.57	0.31	7.07	10.66	38.24
SQU-DS	2025-06-13 16:45:00	9.55	27.51	0.31	7.07	10.65	39.60
SQU-DS	2025-06-13 17:00:00	9.52	27.43	0.32	7.10	10.65	38.01
SQU-DS	2025-06-13 17:15:00	9.49	27.71	0.33	7.11	10.65	36.13
SQU-DS	2025-06-13 17:30:00	9.46	27.64	0.31	7.08	10.64	41.74
SQU-DS	2025-06-13 17:45:00	9.41	27.69	0.31	7.08	10.65	52.76
SQU-DS	2025-06-13 18:00:00	9.40	27.73	0.32	7.09	10.64	42.42
SQU-DS	2025-06-13 18:15:00	9.37	27.66	0.32	7.11	10.65	38.05
SQU-DS	2025-06-13 18:30:00	9.35	27.77	0.30	7.13	10.66	52.94
SQU-DS	2025-06-13 18:45:00	9.34	27.56	0.31	7.05	10.66	37.93
SQU-DS	2025-06-13 19:00:00	9.31	27.40	0.32	7.14	10.67	43.28
SQU-DS	2025-06-13 19:15:00	9.28	27.62	0.33	7.15	10.67	42.21
SQU-DS	2025-06-13 19:30:00	9.28	27.41	0.30	7.14	10.66	39.53
SQU-DS	2025-06-13 19:45:00	9.26	27.36	0.30	7.14	10.67	45.57
SQU-DS	2025-06-13 20:00:00	9.28	27.38	0.31	7.14	10.65	58.53
SQU-DS	2025-06-13 20:15:00	9.21	27.51	0.32	7.15	10.66	48.49
SQU-DS	2025-06-13 20:30:00	9.22	27.21	0.29	7.16	10.65	56.30
SQU-DS	2025-06-13 20:45:00	9.17	27.30	0.30	7.14	10.65	53.17
SQU-DS	2025-06-13 21:00:00	9.14	27.47	0.31	7.13	10.64	48.56
SQU-DS	2025-06-13 21:15:00	9.09	27.65	0.32	7.11	10.65	54.13
SQU-DS	2025-06-13 21:30:00	9.03	27.76	0.30	7.07	10.64	37.94
SQU-DS	2025-06-13 21:45:00	8.99	28.01	0.29	7.15	10.64	44.01
SQU-DS	2025-06-13 22:00:00	8.96	28.07	0.31	7.14	10.64	46.09
SQU-DS	2025-06-13 22:15:00	8.91	28.39	0.32	7.11	10.64	37.56
SQU-DS	2025-06-13 22:30:00	8.88	28.27	0.28	7.14	10.65	46.85
SQU-DS	2025-06-13 22:45:00	8.84	28.44	0.29	7.11	10.66	40.61
SQU-DS	2025-06-13 23:00:00	8.81	28.64	0.30	7.10	10.66	54.68
SQU-DS	2025-06-13 23:15:00	8.81	28.22	0.31	7.12	10.65	48.45
SQU-DS	2025-06-13 23:30:00	8.77	28.39	0.28	7.11	10.66	49.61
SQU-DS	2025-06-13 23:45:00	8.75	28.61	0.28	7.12	10.65	38.55
SQU-DS	2025-06-14 00:00:00	8.78	28.24	0.30	7.04	10.64	37.94
SQU-DS	2025-06-14 00:15:00	8.73	28.33	0.31	7.02	10.64	42.66
SQU-DS	2025-06-14 00:30:00	8.74	28.24	0.28	7.09	10.64	37.33
SQU-DS	2025-06-14 00:45:00	8.70	28.47	0.30	7.08	10.64	37.96
SQU-DS	2025-06-14 01:00:00	8.70	28.56	0.31	7.08	10.64	40.79
SQU-DS	2025-06-14 01:15:00	8.69	28.38	0.32	6.98	10.63	37.22
SQU-DS	2025-06-14 01:30:00	8.64	28.51	0.29	7.04	10.64	46.98
SQU-DS	2025-06-14 01:45:00	8.63	28.46	0.30	7.07	10.64	40.26
SQU-DS	2025-06-14 02:00:00	8.60	28.34	0.31	7.04	10.64	43.27
SQU-DS	2025-06-14 02:15:00	8.60	28.24	0.32	7.06	10.66	45.10
SQU-DS	2025-06-14 02:30:00	8.57	28.34	0.29	7.03	10.66	40.60
SQU-DS	2025-06-14 02:45:00	8.53	28.18	0.30	7.03	10.66	46.45
SQU-DS	2025-06-14 03:00:00	8.53	28.14	0.31	7.04	10.67	34.31
SQU-DS	2025-06-14 03:15:00	8.50	28.00	0.32	7.03	10.69	54.03
SQU-DS	2025-06-14 03:30:00	8.51	27.83	0.30	7.05	10.70	51.17

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-14 03:45:00	8.47	27.86	0.30	7.03	10.70	44.19
SQU-DS	2025-06-14 04:00:00	8.45	27.78	0.31	7.07	10.70	40.98
SQU-DS	2025-06-14 04:15:00	8.43	27.61	0.32	7.05	10.70	39.11
SQU-DS	2025-06-14 04:30:00	8.43	27.60	0.30	7.07	10.72	32.70
SQU-DS	2025-06-14 04:45:00	8.40	27.58	0.30	7.05	10.72	46.75
SQU-DS	2025-06-14 05:00:00	8.40	27.53	0.33	6.93	10.72	36.47
SQU-DS	2025-06-14 05:15:00	8.35	27.57	0.33	7.02	10.73	28.80
SQU-DS	2025-06-14 05:30:00	8.36	27.44	0.30	7.05	10.73	42.88
SQU-DS	2025-06-14 05:45:00	8.36	27.42	0.30	7.08	10.73	33.56
SQU-DS	2025-06-14 06:00:00	8.34	27.52	0.32	7.05	10.74	41.83
SQU-DS	2025-06-14 06:15:00	8.33	27.55	0.33	7.06	10.74	43.52
SQU-DS	2025-06-14 06:30:00	8.32	27.46	0.29	7.07	10.74	34.36
SQU-DS	2025-06-14 06:45:00	8.28	27.54	0.30	7.07	10.75	37.30
SQU-DS	2025-06-14 07:00:00	8.26	27.69	0.32	7.04	10.76	35.07
SQU-DS	2025-06-14 07:15:00	8.27	27.60	0.32	7.08	10.77	35.87
SQU-DS	2025-06-14 07:30:00	8.29	27.57	0.29	7.07	10.77	35.69
SQU-DS	2025-06-14 07:45:00	8.25	27.80	0.30	7.07	10.77	38.00
SQU-DS	2025-06-14 08:00:00	8.30	27.68	0.31	7.05	10.76	30.86
SQU-DS	2025-06-14 08:15:00	8.27	27.82	0.32	7.05	10.77	45.74
SQU-DS	2025-06-14 08:30:00	8.27	27.84	0.28	7.03	10.77	31.61
SQU-DS	2025-06-14 08:45:00	8.28	27.99	0.29	7.06	10.78	37.66
SQU-DS	2025-06-14 09:00:00	8.30	28.19	0.30	7.05	10.79	32.78
SQU-DS	2025-06-14 09:15:00	8.36	27.94	0.31	7.06	10.78	31.95
SQU-DS	2025-06-14 09:30:00	8.35	28.24	0.28	7.03	10.79	33.15
SQU-DS	2025-06-14 09:45:00	8.40	28.01	0.29	7.05	10.81	37.33
SQU-DS	2025-06-14 10:00:00	8.41	27.90	0.31	7.03	10.81	38.75
SQU-DS	2025-06-14 10:15:00	8.44	27.99	0.32	7.05	10.80	57.16
SQU-DS	2025-06-14 10:30:00	8.48	28.04	0.28	7.07	10.81	33.86
SQU-DS	2025-06-14 10:45:00	8.54	28.04	0.29	7.00	10.81	37.62
SQU-DS	2025-06-14 11:00:00	8.57	28.25	0.31	7.07	10.79	33.76
SQU-DS	2025-06-14 11:15:00	8.64	28.22	0.32	7.06	10.80	37.29
SQU-DS	2025-06-14 11:30:00	8.70	28.11	0.29	7.08	10.80	32.98
SQU-DS	2025-06-14 11:45:00	8.75	28.07	0.30	7.07	10.79	29.63
SQU-DS	2025-06-14 12:00:00	8.83	28.27	0.31	7.09	10.77	30.45
SQU-DS	2025-06-14 12:15:00	8.88	28.29	0.32	7.07	10.78	31.72
SQU-DS	2025-06-14 12:30:00	8.91	28.49	0.29	7.03	10.78	36.85
SQU-DS	2025-06-14 12:45:00	8.97	28.14	0.30	7.08	10.78	46.25
SQU-DS	2025-06-14 13:00:00	8.98	28.02	0.31	7.10	10.78	45.42
SQU-DS	2025-06-14 13:15:00	9.01	28.09	0.32	7.07	10.77	41.30
SQU-DS	2025-06-14 13:30:00	9.04	28.09	0.29	7.10	10.79	37.24
SQU-DS	2025-06-14 13:45:00	9.09	27.90	0.30	7.06	10.77	44.01
SQU-DS	2025-06-14 14:00:00	9.08	28.17	0.31	7.10	10.77	37.75
SQU-DS	2025-06-14 14:15:00	9.13	28.12	0.32	7.12	10.75	30.21
SQU-DS	2025-06-14 14:30:00	9.18	28.17	0.29	7.08	10.74	31.95
SQU-DS	2025-06-14 14:45:00	9.19	28.39	0.29	7.11	10.74	33.03
SQU-DS	2025-06-14 15:00:00	9.23	28.30	0.31	7.11	10.73	38.22
SQU-DS	2025-06-14 15:15:00	9.27	28.19	0.32	7.12	10.72	33.27
SQU-DS	2025-06-14 15:30:00	9.32	28.57	0.30	7.08	10.72	42.49
SQU-DS	2025-06-14 15:45:00	9.37	28.69	0.30	7.13	10.70	42.16
SQU-DS	2025-06-14 16:00:00	9.43	28.66	0.31	7.10	10.69	32.52
SQU-DS	2025-06-14 16:15:00	9.45	28.50	0.32	7.09	10.70	34.72
SQU-DS	2025-06-14 16:30:00	9.48	28.68	0.28	7.12	10.68	41.88
SQU-DS	2025-06-14 16:45:00	9.52	28.60	0.29	7.12	10.69	46.25
SQU-DS	2025-06-14 17:00:00	9.60	28.56	0.31	7.12	10.67	43.81
SQU-DS	2025-06-14 17:15:00	9.66	28.65	0.32	7.10	10.66	38.48

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-14 17:30:00	9.71	28.64	0.29	7.10	10.67	39.37
SQU-DS	2025-06-14 17:45:00	9.71	28.59	0.30	7.12	10.65	33.30
SQU-DS	2025-06-14 18:00:00	9.72	28.73	0.31	7.10	10.62	38.00
SQU-DS	2025-06-14 18:15:00	9.70	28.95	0.32	7.10	10.63	42.31
SQU-DS	2025-06-14 18:30:00	9.69	28.56	0.27	7.13	10.62	41.42
SQU-DS	2025-06-14 18:45:00	9.67	28.56	0.29	7.13	10.61	38.88
SQU-DS	2025-06-14 19:00:00	9.66	28.80	0.30	7.10	10.60	33.86
SQU-DS	2025-06-14 19:15:00	9.69	28.68	0.32	7.06	10.60	33.48
SQU-DS	2025-06-14 19:30:00	9.68	28.99	0.28	7.12	10.59	34.25
SQU-DS	2025-06-14 19:45:00	9.66	28.72	0.30	7.06	10.60	36.49
SQU-DS	2025-06-14 20:00:00	9.64	28.73	0.31	7.12	10.59	38.27
SQU-DS	2025-06-14 20:15:00	9.61	28.83	0.32	7.13	10.58	31.73
SQU-DS	2025-06-14 20:30:00	9.59	28.70	0.28	7.16	10.59	34.59
SQU-DS	2025-06-14 20:45:00	9.58	28.61	0.29	7.14	10.57	38.48
SQU-DS	2025-06-14 21:00:00	9.55	28.65	0.31	7.15	10.58	36.44
SQU-DS	2025-06-14 21:15:00	9.54	28.48	0.32	7.13	10.57	41.04
SQU-DS	2025-06-14 21:30:00	9.49	28.47	0.28	7.15	10.56	37.01
SQU-DS	2025-06-14 21:45:00	9.44	28.71	0.30	7.15	10.56	40.52
SQU-DS	2025-06-14 22:00:00	9.40	28.91	0.31	7.16	10.55	36.46
SQU-DS	2025-06-14 22:15:00	9.38	29.05	0.32	7.10	10.55	30.59
SQU-DS	2025-06-14 22:30:00	9.35	28.99	0.28	7.16	10.54	29.40
SQU-DS	2025-06-14 22:45:00	9.29	29.46	0.30	7.11	10.55	31.80
SQU-DS	2025-06-14 23:00:00	9.25	29.84	0.31	7.14	10.54	37.50
SQU-DS	2025-06-14 23:15:00	9.22	29.88	0.32	7.08	10.55	37.46
SQU-DS	2025-06-14 23:30:00	9.16	29.62	0.29	7.14	10.56	34.45
SQU-DS	2025-06-14 23:45:00	9.14	29.61	0.29	7.11	10.56	28.37
SQU-DS	2025-06-15 00:00:00	9.11	29.69	0.30	7.13	10.56	42.21
SQU-DS	2025-06-15 00:15:00	9.06	29.69	0.31	7.13	10.56	38.80
SQU-DS	2025-06-15 00:30:00	9.02	29.80	0.28	7.13	10.56	31.85
SQU-DS	2025-06-15 00:45:00	9.01	29.67	0.29	7.10	10.56	37.54
SQU-DS	2025-06-15 01:00:00	8.98	29.88	0.31	7.09	10.56	42.35
SQU-DS	2025-06-15 01:15:00	8.97	29.93	0.31	7.09	10.55	34.26
SQU-DS	2025-06-15 01:30:00	8.94	29.65	0.28	7.02	10.56	42.61
SQU-DS	2025-06-15 01:45:00	8.91	29.65	0.28	7.07	10.56	38.31
SQU-DS	2025-06-15 02:00:00	8.85	29.76	0.30	7.06	10.58	36.64
SQU-DS	2025-06-15 02:15:00	8.82	29.77	0.31	7.06	10.59	30.66
SQU-DS	2025-06-15 02:30:00	8.77	29.63	0.27	7.08	10.59	28.87
SQU-DS	2025-06-15 02:45:00	8.75	29.44	0.29	7.06	10.59	29.59
SQU-DS	2025-06-15 03:00:00	8.73	29.34	0.30	7.03	10.60	31.86
SQU-DS	2025-06-15 03:15:00	8.70	29.09	0.31	7.05	10.63	45.40
SQU-DS	2025-06-15 03:30:00	8.64	29.16	0.28	7.08	10.63	27.22
SQU-DS	2025-06-15 03:45:00	8.61	29.37	0.29	7.06	10.64	33.21
SQU-DS	2025-06-15 04:00:00	8.57	28.97	0.31	7.07	10.66	32.48
SQU-DS	2025-06-15 04:15:00	8.53	28.98	0.32	7.02	10.67	38.33
SQU-DS	2025-06-15 04:30:00	8.50	28.84	0.28	6.97	10.66	30.00
SQU-DS	2025-06-15 04:45:00	8.45	28.96	0.29	7.09	10.68	38.96
SQU-DS	2025-06-15 05:00:00	8.42	28.87	0.31	7.05	10.69	41.37
SQU-DS	2025-06-15 05:15:00	8.43	28.55	0.32	7.05	10.69	37.65
SQU-DS	2025-06-15 05:30:00	8.38	28.75	0.29	7.06	10.71	30.37
SQU-DS	2025-06-15 05:45:00	8.34	28.74	0.29	7.08	10.72	29.61
SQU-DS	2025-06-15 06:00:00	8.31	28.67	0.31	7.08	10.73	42.88
SQU-DS	2025-06-15 06:15:00	8.30	28.52	0.32	7.07	10.74	30.35
SQU-DS	2025-06-15 06:30:00	8.29	28.62	0.27	7.07	10.75	42.38
SQU-DS	2025-06-15 06:45:00	8.28	28.52	0.29	7.07	10.77	29.00
SQU-DS	2025-06-15 07:00:00	8.27	28.58	0.30	7.08	10.78	30.38

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-15 07:15:00	8.27	28.38	0.32	7.07	10.80	29.53
SQU-DS	2025-06-15 07:30:00	8.24	28.53	0.28	7.09	10.81	34.53
SQU-DS	2025-06-15 07:45:00	8.25	28.46	0.29	7.07	10.82	29.71
SQU-DS	2025-06-15 08:00:00	8.26	28.38	0.31	7.10	10.81	34.76
SQU-DS	2025-06-15 08:15:00	8.27	28.54	0.32	7.09	10.84	34.28
SQU-DS	2025-06-15 08:30:00	8.29	28.56	0.27	7.09	10.85	37.39
SQU-DS	2025-06-15 08:45:00	8.34	28.67	0.28	7.10	10.85	35.84
SQU-DS	2025-06-15 09:00:00	8.38	28.65	0.30	7.05	10.84	32.30
SQU-DS	2025-06-15 09:15:00	8.39	28.90	0.31	7.10	10.86	30.84
SQU-DS	2025-06-15 09:30:00	8.47	28.84	0.28	7.11	10.86	34.20
SQU-DS	2025-06-15 09:45:00	8.56	28.61	0.28	7.10	10.84	34.58
SQU-DS	2025-06-15 10:00:00	8.67	28.59	0.30	7.09	10.85	40.79
SQU-DS	2025-06-15 10:15:00	8.70	28.57	0.31	7.09	10.84	33.11
SQU-DS	2025-06-15 10:30:00	8.78	28.88	0.27	7.06	10.83	34.59
SQU-DS	2025-06-15 10:45:00	8.83	28.97	0.29	7.08	10.82	41.77
SQU-DS	2025-06-15 11:00:00	8.93	28.80	0.30	7.10	10.81	34.70
SQU-DS	2025-06-15 11:15:00	9.03	29.11	0.32	7.06	10.80	37.11
SQU-DS	2025-06-15 11:30:00	9.14	28.67	0.28	7.03	10.80	48.08
SQU-DS	2025-06-15 11:45:00	9.21	28.87	0.29	7.09	10.79	34.53
SQU-DS	2025-06-15 12:00:00	9.29	29.03	0.30	7.10	10.77	39.12
SQU-DS	2025-06-15 12:15:00	9.38	28.98	0.31	7.08	10.78	48.69
SQU-DS	2025-06-15 12:30:00	9.48	28.37	0.27	7.11	10.77	36.36
SQU-DS	2025-06-15 12:45:00	9.57	28.70	0.29	7.11	10.77	47.28
SQU-DS	2025-06-15 13:00:00	9.63	29.10	0.31	7.09	10.73	31.60
SQU-DS	2025-06-15 13:15:00	9.74	29.22	0.32	7.08	10.71	36.16
SQU-DS	2025-06-15 13:30:00	9.83	29.18	0.29	6.99	10.70	44.19
SQU-DS	2025-06-15 13:45:00	9.95	29.06	0.29	7.10	10.69	40.73
SQU-DS	2025-06-15 14:00:00	10.05	28.79	0.31	7.12	10.66	43.78
SQU-DS	2025-06-15 14:15:00	10.13	29.01	0.32	7.13	10.65	35.71
SQU-DS	2025-06-15 14:30:00	10.23	29.15	0.28	7.12	10.64	27.57
SQU-DS	2025-06-15 14:45:00	10.32	29.12	0.30	7.12	10.61	33.29
SQU-DS	2025-06-15 15:00:00	10.41	29.10	0.31	7.12	10.59	27.28
SQU-DS	2025-06-15 15:15:00	10.50	29.25	0.32	7.13	10.56	34.70
SQU-DS	2025-06-15 15:30:00	10.58	29.19	0.28	7.10	10.56	32.57
SQU-DS	2025-06-15 15:45:00	10.66	29.06	0.29	7.13	10.53	33.12
SQU-DS	2025-06-15 16:00:00	10.74	29.22	0.31	7.08	10.52	31.84
SQU-DS	2025-06-15 16:15:00	10.81	29.10	0.32	7.09	10.49	30.17
SQU-DS	2025-06-15 16:30:00	10.87	29.39	0.28	7.12	10.46	41.25
SQU-DS	2025-06-15 16:45:00	10.93	29.52	0.30	7.13	10.45	28.79
SQU-DS	2025-06-15 17:00:00	10.98	29.72	0.31	7.11	10.43	23.67
SQU-DS	2025-06-15 17:15:00	11.03	29.54	0.32	7.11	10.40	37.64
SQU-DS	2025-06-15 17:30:00	11.08	29.53	0.29	7.03	10.39	29.16
SQU-DS	2025-06-15 17:45:00	11.11	29.80	0.29	7.12	10.38	32.80
SQU-DS	2025-06-15 18:00:00	11.15	29.82	0.31	7.13	10.34	24.59
SQU-DS	2025-06-15 18:15:00	11.17	29.67	0.32	7.12	10.34	37.94
SQU-DS	2025-06-15 18:30:00	11.17	29.94	0.27	7.14	10.30	33.00
SQU-DS	2025-06-15 18:45:00	11.17	29.81	0.29	7.15	10.29	35.71
SQU-DS	2025-06-15 19:00:00	11.16	29.93	0.31	7.15	10.28	36.21
SQU-DS	2025-06-15 19:15:00	11.16	30.13	0.31	7.14	10.26	25.23
SQU-DS	2025-06-15 19:30:00	11.16	30.37	0.28	7.10	10.24	37.53
SQU-DS	2025-06-15 19:45:00	11.15	30.04	0.29	7.13	10.24	33.61
SQU-DS	2025-06-15 20:00:00	11.10	30.26	0.31	7.12	10.24	27.48
SQU-DS	2025-06-15 20:15:00	11.07	29.91	0.32	7.15	10.24	43.29
SQU-DS	2025-06-15 20:30:00	11.04	29.98	0.27	7.16	10.22	35.38
SQU-DS	2025-06-15 20:45:00	11.01	29.91	0.30	7.09	10.21	31.29

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-DS	2025-06-15 21:00:00	10.97	29.98	0.31	7.16	10.21	35.11
SQU-DS	2025-06-15 21:15:00	10.93	30.01	0.32	7.16	10.20	26.76
SQU-DS	2025-06-15 21:30:00	10.88	30.17	0.28	7.13	10.20	31.61
SQU-DS	2025-06-15 21:45:00	10.83	30.06	0.29	7.15	10.19	34.02
SQU-DS	2025-06-15 22:00:00	10.79	29.88	0.30	7.18	10.19	28.12
SQU-DS	2025-06-15 22:15:00	10.73	30.02	0.32	7.17	10.19	30.63
SQU-DS	2025-06-15 22:30:00	10.66	30.16	0.25	7.14	10.19	34.39
SQU-DS	2025-06-15 22:45:00	10.62	30.23	0.27	7.16	10.19	29.40
SQU-DS	2025-06-15 23:00:00	10.54	30.31	0.30	7.14	10.20	37.14
SQU-DS	2025-06-15 23:15:00	10.46	30.56	0.31	7.15	10.21	42.32
SQU-DS	2025-06-15 23:30:00	10.41	31.06	0.25	7.16	10.21	28.31
SQU-DS	2025-06-15 23:45:00	10.32	30.42	0.28	7.16	10.23	41.50
SQU-US	2025-06-09 00:00:00	9.59	21.52	0.31	6.94	11.28951263	95.19
SQU-US	2025-06-09 00:15:00	9.44	21.32	0.31	6.95	11.30435562	105.97
SQU-US	2025-06-09 00:30:00	9.34	21.10	0.33	6.79	11.33871174	111.56
SQU-US	2025-06-09 00:45:00	9.22	21.21	0.32	6.87	11.37462997	136.26
SQU-US	2025-06-09 01:00:00	9.14	20.78	0.32	6.86	11.387784	107.55
SQU-US	2025-06-09 01:15:00	9.04	20.72	0.34	6.78	11.42070866	107.40
SQU-US	2025-06-09 01:30:00	8.95	20.67	0.34	6.88	11.45718193	112.35
SQU-US	2025-06-09 01:45:00	8.88	20.66	0.33	6.91	11.45289993	97.65
SQU-US	2025-06-09 02:00:00	8.81	20.51	0.32	6.85	11.48329639	99.86
SQU-US	2025-06-09 02:15:00	8.73	20.55	0.32	6.88	11.51801491	139.40
SQU-US	2025-06-09 02:30:00	8.62	20.31	0.32	6.87	11.53130341	120.33
SQU-US	2025-06-09 02:45:00	8.61	20.26	0.32	6.84	11.54594517	114.83
SQU-US	2025-06-09 03:00:00	8.45	20.30	0.33	6.81	11.58326721	96.95
SQU-US	2025-06-09 03:15:00	8.45	20.18	0.33	6.83	11.5818119	104.85
SQU-US	2025-06-09 03:30:00	8.33	20.53	0.34	6.81	11.60051441	111.08
SQU-US	2025-06-09 03:45:00	8.23	20.30	0.34	6.84	11.6354599	113.49
SQU-US	2025-06-09 04:00:00	8.26	20.20	0.32	6.80	11.65620041	97.68
SQU-US	2025-06-09 04:15:00	8.18	20.14	0.33	6.78	11.6464901	92.63
SQU-US	2025-06-09 04:30:00	8.14	20.47	0.32	6.77	11.64711761	111.04
SQU-US	2025-06-09 04:45:00	8.07	20.37	0.32	6.80	11.63280392	113.84
SQU-US	2025-06-09 05:00:00	8.02	20.34	0.33	6.75	11.69019413	97.48
SQU-US	2025-06-09 05:15:00	7.96	20.43	0.33	6.82	11.66449642	85.80
SQU-US	2025-06-09 05:30:00	7.95	20.50	0.33	6.85	11.68	100.72
SQU-US	2025-06-09 05:45:00	7.91	20.48	0.33	6.90	11.70	99.89
SQU-US	2025-06-09 06:00:00	7.87	20.53	0.30	6.86	11.70	103.36
SQU-US	2025-06-09 06:15:00	7.86	20.63	0.30	6.90	11.68	100.23
SQU-US	2025-06-09 06:30:00	7.81	20.61	0.30	6.79	11.69	95.40
SQU-US	2025-06-09 06:45:00	7.74	21.08	0.31	6.76	11.68	87.16
SQU-US	2025-06-09 07:00:00	7.79	21.06	0.32	6.75	11.65	110.43
SQU-US	2025-06-09 07:15:00	7.74	21.06	0.32	6.82	11.69	87.24
SQU-US	2025-06-09 07:30:00	7.87	20.79	0.32	6.83	11.66	87.04
SQU-US	2025-06-09 07:45:00	7.78	20.92	0.31	6.90	11.65	91.50
SQU-US	2025-06-09 08:00:00	7.77	21.27	0.30	6.82	11.71	101.40
SQU-US	2025-06-09 08:15:00	7.74	21.11	0.31	6.86	11.69	85.67
SQU-US	2025-06-09 08:30:00	7.74	21.88	0.31	6.81	11.71	90.99
SQU-US	2025-06-09 08:45:00	7.86	21.77	0.31	6.87	11.71	93.66
SQU-US	2025-06-09 09:00:00	7.82	22.06	0.31	6.88	11.71	83.27
SQU-US	2025-06-09 09:15:00	7.86	22.19	0.32	6.88	11.70	82.92
SQU-US	2025-06-09 09:30:00	7.90	22.67	0.33	6.78	11.69	87.40
SQU-US	2025-06-09 09:45:00	7.99	21.97	0.32	6.93	11.70	76.94
SQU-US	2025-06-09 10:00:00	8.02	22.12	0.31	6.79	11.70	81.15
SQU-US	2025-06-09 10:15:00	8.00	22.16	0.32	6.87	11.70	68.71
SQU-US	2025-06-09 10:30:00	8.26	21.65	0.32	6.88	11.63	86.42

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-09 10:45:00	8.20	22.25	0.32	6.90	11.67	74.46
SQU-US	2025-06-09 11:00:00	8.27	22.06	0.33	6.79	11.65	75.46
SQU-US	2025-06-09 11:15:00	8.34	21.92	0.33	6.89	11.63	65.47
SQU-US	2025-06-09 11:30:00	8.37	22.29	0.33	6.91	11.65	71.69
SQU-US	2025-06-09 11:45:00	8.45	22.55	0.33	6.92	11.63	66.69
SQU-US	2025-06-09 12:00:00	8.58	22.46	0.31	6.96	11.59	75.45
SQU-US	2025-06-09 12:15:00	8.64	22.82	0.32	6.89	11.59	67.86
SQU-US	2025-06-09 12:30:00	8.75	22.59	0.32	6.98	11.58	83.55
SQU-US	2025-06-09 12:45:00	8.86	22.76	0.32	6.95	11.56	65.23
SQU-US	2025-06-09 13:00:00	8.95	22.77	0.32	6.96	11.53	59.44
SQU-US	2025-06-09 13:15:00	9.10	22.35	0.33	6.95	11.50	73.30
SQU-US	2025-06-09 13:30:00	9.20	22.45	0.33	6.96	11.47	80.64
SQU-US	2025-06-09 13:45:00	9.31	22.93	0.33	6.96	11.44	62.91
SQU-US	2025-06-09 14:00:00	9.45	22.70	0.32	6.85	11.41	64.48
SQU-US	2025-06-09 14:15:00	9.57	22.77	0.32	6.95	11.37	62.06
SQU-US	2025-06-09 14:30:00	9.71	23.23	0.32	6.96	11.34	64.02
SQU-US	2025-06-09 14:45:00	9.84	23.52	0.32	6.96	11.29	58.08
SQU-US	2025-06-09 15:00:00	9.96	23.41	0.32	6.95	11.26	63.15
SQU-US	2025-06-09 15:15:00	10.08	23.26	0.33	6.93	11.22	59.44
SQU-US	2025-06-09 15:30:00	10.23	23.84	0.33	6.96	11.16	58.13
SQU-US	2025-06-09 15:45:00	10.36	23.80	0.33	6.97	11.11	60.40
SQU-US	2025-06-09 16:00:00	10.49	23.82	0.30	6.99	11.09	59.22
SQU-US	2025-06-09 16:15:00	10.61	24.24	0.31	6.88	11.04	58.52
SQU-US	2025-06-09 16:30:00	10.73	23.85	0.31	6.91	11.01	65.79
SQU-US	2025-06-09 16:45:00	10.84	24.05	0.30	7.01	10.99	53.91
SQU-US	2025-06-09 17:00:00	10.96	24.34	0.31	6.98	10.93	62.53
SQU-US	2025-06-09 17:15:00	11.06	24.14	0.32	6.99	10.91	65.19
SQU-US	2025-06-09 17:30:00	11.14	24.32	0.32	7.03	10.87	62.95
SQU-US	2025-06-09 17:45:00	11.21	24.01	0.33	6.96	10.85	71.12
SQU-US	2025-06-09 18:00:00	11.28	23.85	0.31	7.05	10.82	70.23
SQU-US	2025-06-09 18:15:00	11.34	24.28	0.31	7.05	10.79	73.87
SQU-US	2025-06-09 18:30:00	11.38	23.93	0.30	7.10	10.78	68.53
SQU-US	2025-06-09 18:45:00	11.42	24.72	0.30	7.04	10.75	75.19
SQU-US	2025-06-09 19:00:00	11.44	23.73	0.31	7.03	10.75	78.87
SQU-US	2025-06-09 19:15:00	11.45	23.71	0.31	7.04	10.74	87.74
SQU-US	2025-06-09 19:30:00	11.44	23.92	0.32	7.02	10.73	88.58
SQU-US	2025-06-09 19:45:00	11.40	23.67	0.31	7.06	10.73	89.82
SQU-US	2025-06-09 20:00:00	11.34	23.38	0.29	7.06	10.76	98.97
SQU-US	2025-06-09 20:15:00	11.29	23.40	0.30	7.03	10.76	94.56
SQU-US	2025-06-09 20:30:00	11.21	23.54	0.30	6.96	10.79	96.48
SQU-US	2025-06-09 20:45:00	11.13	23.42	0.30	6.98	10.80	106.65
SQU-US	2025-06-09 21:00:00	11.03	22.89	0.31	6.98	10.82	93.73
SQU-US	2025-06-09 21:15:00	10.93	23.04	0.32	6.88	10.86	112.54
SQU-US	2025-06-09 21:30:00	10.82	22.47	0.32	6.90	10.88	99.37
SQU-US	2025-06-09 21:45:00	10.70	22.50	0.33	6.94	10.92	102.13
SQU-US	2025-06-09 22:00:00	10.58	22.28	0.31	6.99	10.94	98.10
SQU-US	2025-06-09 22:15:00	10.45	22.14	0.32	6.92	11.01	111.38
SQU-US	2025-06-09 22:30:00	10.33	22.23	0.32	6.94	11.04	104.14
SQU-US	2025-06-09 22:45:00	10.21	22.11	0.32	6.94	11.07	126.43
SQU-US	2025-06-09 23:00:00	10.08	21.96	0.32	6.94	11.10	96.72
SQU-US	2025-06-09 23:15:00	9.94	22.03	0.33	6.91	11.14	121.50
SQU-US	2025-06-09 23:30:00	9.84	21.86	0.33	6.90	11.17	110.79
SQU-US	2025-06-09 23:45:00	9.68	21.50	0.33	6.91	11.22	109.27
SQU-US	2025-06-10 00:00:00	9.57	21.49	0.31	6.87	11.25	101.45
SQU-US	2025-06-10 00:15:00	9.44	21.66	0.32	6.76	11.27	101.10

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-10 00:30:00	9.34	21.14	0.33	6.72	11.31	103.78
SQU-US	2025-06-10 00:45:00	9.23	20.92	0.33	6.84	11.34	96.94
SQU-US	2025-06-10 01:00:00	9.14	20.77	0.33	6.82	11.35	106.31
SQU-US	2025-06-10 01:15:00	9.06	20.70	0.33	6.88	11.38	105.70
SQU-US	2025-06-10 01:30:00	8.94	20.68	0.34	6.83	11.42	97.46
SQU-US	2025-06-10 01:45:00	8.94	20.29	0.33	6.90	11.44	96.13
SQU-US	2025-06-10 02:00:00	8.73	20.43	0.31	6.89	11.48	90.75
SQU-US	2025-06-10 02:15:00	8.69	20.56	0.33	6.79	11.50	89.25
SQU-US	2025-06-10 02:30:00	8.57	20.45	0.33	6.78	11.51	90.56
SQU-US	2025-06-10 02:45:00	8.50	20.40	0.33	6.87	11.52	85.90
SQU-US	2025-06-10 03:00:00	8.48	20.43	0.33	6.77	11.52	83.38
SQU-US	2025-06-10 03:15:00	8.38	20.36	0.34	6.86	11.54	82.68
SQU-US	2025-06-10 03:30:00	8.30	20.33	0.34	6.85	11.54	83.93
SQU-US	2025-06-10 03:45:00	8.25	20.40	0.34	6.85	11.58	77.76
SQU-US	2025-06-10 04:00:00	8.18	20.48	0.33	6.84	11.57	79.22
SQU-US	2025-06-10 04:15:00	8.15	20.68	0.32	6.88	11.56	86.88
SQU-US	2025-06-10 04:30:00	8.07	20.46	0.33	6.86	11.60	98.00
SQU-US	2025-06-10 04:45:00	8.05	20.59	0.33	6.81	11.58	87.41
SQU-US	2025-06-10 05:00:00	8.05	20.43	0.33	6.87	11.60	88.91
SQU-US	2025-06-10 05:15:00	8.00	20.42	0.34	6.79	11.58	98.71
SQU-US	2025-06-10 05:30:00	7.92	20.92	0.34	6.83	11.61	75.62
SQU-US	2025-06-10 05:45:00	7.89	20.60	0.35	6.85	11.60	76.58
SQU-US	2025-06-10 06:00:00	7.90	20.68	0.32	6.88	11.56	77.48
SQU-US	2025-06-10 06:15:00	7.86	20.80	0.33	6.82	11.63	79.92
SQU-US	2025-06-10 06:30:00	7.93	21.05	0.33	6.90	11.59	79.25
SQU-US	2025-06-10 06:45:00	7.81	20.98	0.33	6.77	11.61	74.01
SQU-US	2025-06-10 07:00:00	7.80	21.37	0.32	6.84	11.61	83.24
SQU-US	2025-06-10 07:15:00	7.80	21.20	0.34	6.79	11.63	81.65
SQU-US	2025-06-10 07:30:00	7.89	21.07	0.34	6.80	11.59	79.89
SQU-US	2025-06-10 07:45:00	7.79	21.09	0.34	6.82	11.61	74.22
SQU-US	2025-06-10 08:00:00	7.71	21.50	0.32	6.83	11.65	72.85
SQU-US	2025-06-10 08:15:00	7.75	21.49	0.32	6.81	11.63	77.14
SQU-US	2025-06-10 08:30:00	7.71	22.20	0.32	6.90	11.66	82.09
SQU-US	2025-06-10 08:45:00	7.73	22.32	0.32	6.79	11.65	82.73
SQU-US	2025-06-10 09:00:00	7.86	22.27	0.33	6.73	11.64	86.47
SQU-US	2025-06-10 09:15:00	7.90	22.29	0.33	6.87	11.62	78.21
SQU-US	2025-06-10 09:30:00	7.90	22.40	0.34	6.84	11.63	77.73
SQU-US	2025-06-10 09:45:00	7.94	22.24	0.34	6.88	11.65	65.13
SQU-US	2025-06-10 10:00:00	7.96	22.29	0.31	6.87	11.66	80.42
SQU-US	2025-06-10 10:15:00	8.06	22.50	0.33	6.80	11.61	71.27
SQU-US	2025-06-10 10:30:00	8.09	23.06	0.32	6.88	11.61	68.17
SQU-US	2025-06-10 10:45:00	8.24	22.76	0.33	6.82	11.58	82.22
SQU-US	2025-06-10 11:00:00	8.25	23.27	0.33	6.81	11.57	70.16
SQU-US	2025-06-10 11:15:00	8.29	22.86	0.33	6.87	11.59	73.77
SQU-US	2025-06-10 11:30:00	8.38	23.31	0.34	6.86	11.60	69.77
SQU-US	2025-06-10 11:45:00	8.51	23.18	0.34	6.87	11.54	69.63
SQU-US	2025-06-10 12:00:00	8.55	23.47	0.32	6.81	11.54	61.38
SQU-US	2025-06-10 12:15:00	8.64	23.23	0.33	6.87	11.54	60.70
SQU-US	2025-06-10 12:30:00	8.77	24.01	0.32	6.95	11.49	71.82
SQU-US	2025-06-10 12:45:00	8.86	23.78	0.33	6.88	11.46	61.47
SQU-US	2025-06-10 13:00:00	8.99	23.35	0.33	6.84	11.45	59.91
SQU-US	2025-06-10 13:15:00	9.06	23.74	0.33	6.90	11.43	58.91
SQU-US	2025-06-10 13:30:00	9.19	23.74	0.34	6.82	11.38	55.81
SQU-US	2025-06-10 13:45:00	9.28	24.31	0.34	6.87	11.36	64.07
SQU-US	2025-06-10 14:00:00	9.40	24.07	0.32	6.94	11.33	59.30

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-10 14:15:00	9.52	24.21	0.33	6.86	11.29	60.56
SQU-US	2025-06-10 14:30:00	9.64	24.79	0.33	6.90	11.27	59.19
SQU-US	2025-06-10 14:45:00	9.70	24.27	0.33	6.86	11.22	61.39
SQU-US	2025-06-10 15:00:00	9.83	25.45	0.33	6.85	11.19	50.67
SQU-US	2025-06-10 15:15:00	9.92	25.01	0.34	6.82	11.14	51.98
SQU-US	2025-06-10 15:30:00	10.01	24.92	0.34	6.92	11.11	54.67
SQU-US	2025-06-10 15:45:00	10.08	25.24	0.34	6.87	11.06	53.70
SQU-US	2025-06-10 16:00:00	10.15	25.28	0.31	6.93	11.03	53.21
SQU-US	2025-06-10 16:15:00	10.22	24.89	0.32	6.85	11.02	49.41
SQU-US	2025-06-10 16:30:00	10.30	25.71	0.32	7.00	10.98	48.84
SQU-US	2025-06-10 16:45:00	10.38	25.61	0.32	6.94	10.96	60.70
SQU-US	2025-06-10 17:00:00	10.48	25.90	0.32	6.99	10.93	52.22
SQU-US	2025-06-10 17:15:00	10.59	25.15	0.33	6.96	10.90	52.50
SQU-US	2025-06-10 17:30:00	10.68	25.43	0.33	6.98	10.89	52.14
SQU-US	2025-06-10 17:45:00	10.76	25.61	0.33	6.89	10.87	51.25
SQU-US	2025-06-10 18:00:00	10.84	25.35	0.31	6.99	10.85	58.09
SQU-US	2025-06-10 18:15:00	10.89	25.06	0.31	7.02	10.83	54.84
SQU-US	2025-06-10 18:30:00	10.94	25.01	0.31	7.05	10.81	55.89
SQU-US	2025-06-10 18:45:00	10.98	25.44	0.32	6.94	10.78	54.56
SQU-US	2025-06-10 19:00:00	11.01	25.48	0.32	6.94	10.78	64.55
SQU-US	2025-06-10 19:15:00	11.01	25.45	0.32	7.05	10.76	64.88
SQU-US	2025-06-10 19:30:00	11.00	25.32	0.33	6.99	10.75	66.86
SQU-US	2025-06-10 19:45:00	10.97	25.32	0.32	7.05	10.74	64.84
SQU-US	2025-06-10 20:00:00	10.93	25.18	0.31	6.98	10.74	61.22
SQU-US	2025-06-10 20:15:00	10.89	25.14	0.31	7.02	10.75	66.59
SQU-US	2025-06-10 20:30:00	10.84	25.24	0.32	6.98	10.75	73.76
SQU-US	2025-06-10 20:45:00	10.79	24.72	0.32	7.03	10.75	70.66
SQU-US	2025-06-10 21:00:00	10.71	24.88	0.32	6.98	10.77	70.28
SQU-US	2025-06-10 21:15:00	10.65	24.89	0.33	6.99	10.78	74.15
SQU-US	2025-06-10 21:30:00	10.56	24.78	0.34	6.90	10.81	61.62
SQU-US	2025-06-10 21:45:00	10.49	24.57	0.33	6.98	10.82	67.28
SQU-US	2025-06-10 22:00:00	10.41	24.30	0.31	6.91	10.84	74.00
SQU-US	2025-06-10 22:15:00	10.32	24.37	0.32	6.82	10.85	64.18
SQU-US	2025-06-10 22:30:00	10.22	23.93	0.31	6.98	10.89	71.60
SQU-US	2025-06-10 22:45:00	10.14	23.92	0.32	6.84	10.90	68.11
SQU-US	2025-06-10 23:00:00	10.05	24.19	0.32	6.91	10.90	68.74
SQU-US	2025-06-10 23:15:00	9.95	24.67	0.33	6.87	10.93	65.53
SQU-US	2025-06-10 23:30:00	9.85	24.04	0.33	6.91	10.98	68.04
SQU-US	2025-06-10 23:45:00	9.75	24.07	0.33	6.92	10.98	68.34
SQU-US	2025-06-11 00:00:00	9.68	23.85	0.31	6.82	11.01	67.56
SQU-US	2025-06-11 00:15:00	9.56	23.52	0.32	6.83	11.04	62.50
SQU-US	2025-06-11 00:30:00	9.47	23.67	0.32	6.91	11.07	68.28
SQU-US	2025-06-11 00:45:00	9.36	23.24	0.32	6.84	11.11	62.38
SQU-US	2025-06-11 01:00:00	9.27	23.14	0.33	6.80	11.14	64.73
SQU-US	2025-06-11 01:15:00	9.17	22.91	0.33	6.89	11.17	66.83
SQU-US	2025-06-11 01:30:00	9.09	22.58	0.34	6.89	11.18	59.37
SQU-US	2025-06-11 01:45:00	9.05	22.72	0.34	6.88	11.20	61.67
SQU-US	2025-06-11 02:00:00	8.91	22.59	0.32	6.92	11.24	59.07
SQU-US	2025-06-11 02:15:00	8.91	22.83	0.33	6.84	11.24	66.71
SQU-US	2025-06-11 02:30:00	8.80	22.39	0.33	6.92	11.27	68.12
SQU-US	2025-06-11 02:45:00	8.72	22.37	0.33	6.88	11.29	65.15
SQU-US	2025-06-11 03:00:00	8.62	22.40	0.34	6.85	11.32	56.93
SQU-US	2025-06-11 03:15:00	8.60	22.41	0.34	6.86	11.33	57.03
SQU-US	2025-06-11 03:30:00	8.51	22.54	0.35	6.84	11.33	57.53
SQU-US	2025-06-11 03:45:00	8.50	22.43	0.35	6.89	11.32	56.55

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-11 04:00:00	8.44	22.29	0.32	6.84	11.36	55.74
SQU-US	2025-06-11 04:15:00	8.32	22.51	0.33	6.90	11.37	63.77
SQU-US	2025-06-11 04:30:00	8.38	22.36	0.34	6.87	11.40	61.31
SQU-US	2025-06-11 04:45:00	8.25	22.21	0.33	6.90	11.40	57.27
SQU-US	2025-06-11 05:00:00	8.20	22.35	0.33	6.89	11.38	50.40
SQU-US	2025-06-11 05:15:00	8.16	22.41	0.34	6.85	11.43	53.90
SQU-US	2025-06-11 05:30:00	8.09	22.73	0.35	6.79	11.45	54.68
SQU-US	2025-06-11 05:45:00	8.06	22.72	0.34	6.92	11.42	50.55
SQU-US	2025-06-11 06:00:00	8.08	22.67	0.32	6.88	11.43	65.96
SQU-US	2025-06-11 06:15:00	7.96	22.62	0.32	6.89	11.45	50.15
SQU-US	2025-06-11 06:30:00	7.97	22.99	0.32	6.87	11.44	50.23
SQU-US	2025-06-11 06:45:00	7.95	22.68	0.32	6.88	11.47	46.24
SQU-US	2025-06-11 07:00:00	7.92	23.15	0.32	6.89	11.48	49.53
SQU-US	2025-06-11 07:15:00	7.89	23.22	0.33	6.87	11.47	46.45
SQU-US	2025-06-11 07:30:00	7.91	22.76	0.34	6.87	11.50	53.47
SQU-US	2025-06-11 07:45:00	7.92	23.18	0.34	6.86	11.49	57.13
SQU-US	2025-06-11 08:00:00	7.89	23.63	0.32	6.79	11.49	55.61
SQU-US	2025-06-11 08:15:00	7.90	23.78	0.32	6.90	11.46	44.69
SQU-US	2025-06-11 08:30:00	7.95	24.11	0.33	6.83	11.47	47.23
SQU-US	2025-06-11 08:45:00	8.01	24.27	0.33	6.83	11.50	52.27
SQU-US	2025-06-11 09:00:00	7.93	24.25	0.33	6.84	11.52	44.39
SQU-US	2025-06-11 09:15:00	7.98	24.37	0.34	6.85	11.50	41.87
SQU-US	2025-06-11 09:30:00	8.04	24.56	0.34	6.83	11.48	43.20
SQU-US	2025-06-11 09:45:00	8.10	24.56	0.34	6.88	11.50	56.77
SQU-US	2025-06-11 10:00:00	8.14	24.48	0.32	6.89	11.48	45.00
SQU-US	2025-06-11 10:15:00	8.22	24.59	0.33	6.89	11.48	45.02
SQU-US	2025-06-11 10:30:00	8.21	25.38	0.33	6.87	11.49	42.20
SQU-US	2025-06-11 10:45:00	8.35	25.61	0.33	6.88	11.46	41.82
SQU-US	2025-06-11 11:00:00	8.42	24.93	0.33	6.86	11.48	48.47
SQU-US	2025-06-11 11:15:00	8.48	24.93	0.34	6.92	11.46	46.08
SQU-US	2025-06-11 11:30:00	8.57	24.75	0.34	6.88	11.45	40.62
SQU-US	2025-06-11 11:45:00	8.63	25.39	0.34	6.87	11.44	41.49
SQU-US	2025-06-11 12:00:00	8.76	24.97	0.32	6.91	11.41	44.69
SQU-US	2025-06-11 12:15:00	8.85	25.22	0.33	6.89	11.41	45.93
SQU-US	2025-06-11 12:30:00	8.93	25.14	0.33	6.95	11.38	38.20
SQU-US	2025-06-11 12:45:00	8.99	25.63	0.33	6.93	11.35	47.71
SQU-US	2025-06-11 13:00:00	9.05	25.45	0.33	6.87	11.35	35.86
SQU-US	2025-06-11 13:15:00	9.19	25.49	0.34	6.92	11.31	47.90
SQU-US	2025-06-11 13:30:00	9.26	25.85	0.35	6.77	11.29	44.70
SQU-US	2025-06-11 13:45:00	9.39	25.48	0.34	6.88	11.28	51.05
SQU-US	2025-06-11 14:00:00	9.46	26.00	0.32	7.00	11.25	39.96
SQU-US	2025-06-11 14:15:00	9.53	25.68	0.33	6.82	11.21	44.97
SQU-US	2025-06-11 14:30:00	9.62	25.91	0.33	6.91	11.18	44.24
SQU-US	2025-06-11 14:45:00	9.74	25.77	0.34	6.90	11.15	44.60
SQU-US	2025-06-11 15:00:00	9.82	26.13	0.33	6.91	11.13	37.16
SQU-US	2025-06-11 15:15:00	9.92	26.53	0.34	6.92	11.11	45.81
SQU-US	2025-06-11 15:30:00	10.03	26.30	0.34	6.94	11.07	44.45
SQU-US	2025-06-11 15:45:00	10.15	26.58	0.34	6.98	11.05	49.47
SQU-US	2025-06-11 16:00:00	10.25	26.77	0.33	6.94	11.00	43.38
SQU-US	2025-06-11 16:15:00	10.36	26.62	0.33	6.92	10.98	44.37
SQU-US	2025-06-11 16:30:00	10.46	26.83	0.33	6.92	10.95	45.52
SQU-US	2025-06-11 16:45:00	10.51	27.24	0.33	6.96	10.93	50.07
SQU-US	2025-06-11 17:00:00	10.58	26.74	0.33	6.99	10.91	44.60
SQU-US	2025-06-11 17:15:00	10.61	26.93	0.33	6.97	10.89	42.32
SQU-US	2025-06-11 17:30:00	10.65	26.72	0.34	6.97	10.86	52.25

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-11 17:45:00	10.67	26.64	0.34	7.02	10.87	38.83
SQU-US	2025-06-11 18:00:00	10.68	26.49	0.32	7.08	10.85	41.32
SQU-US	2025-06-11 18:15:00	10.71	26.70	0.32	7.04	10.83	46.49
SQU-US	2025-06-11 18:30:00	10.71	26.74	0.33	7.04	10.83	76.86
SQU-US	2025-06-11 18:45:00	10.74	26.86	0.33	7.06	10.81	43.67
SQU-US	2025-06-11 19:00:00	10.76	26.96	0.32	7.06	10.80	44.54
SQU-US	2025-06-11 19:15:00	10.78	26.85	0.33	7.02	10.79	49.76
SQU-US	2025-06-11 19:30:00	10.78	27.07	0.33	7.04	10.77	44.82
SQU-US	2025-06-11 19:45:00	10.76	27.13	0.33	7.11	10.76	43.42
SQU-US	2025-06-11 20:00:00	10.76	26.77	0.31	7.05	10.76	38.08
SQU-US	2025-06-11 20:15:00	10.75	27.18	0.32	7.02	10.74	52.50
SQU-US	2025-06-11 20:30:00	10.72	27.06	0.32	7.04	10.74	44.40
SQU-US	2025-06-11 20:45:00	10.70	26.95	0.32	6.99	10.75	49.62
SQU-US	2025-06-11 21:00:00	10.65	26.62	0.31	7.06	10.75	53.68
SQU-US	2025-06-11 21:15:00	10.62	26.64	0.33	7.00	10.75	47.87
SQU-US	2025-06-11 21:30:00	10.57	26.47	0.33	6.99	10.76	45.12
SQU-US	2025-06-11 21:45:00	10.51	26.47	0.33	7.00	10.77	46.59
SQU-US	2025-06-11 22:00:00	10.46	26.50	0.30	7.02	10.79	40.90
SQU-US	2025-06-11 22:15:00	10.42	26.08	0.31	6.96	10.79	50.95
SQU-US	2025-06-11 22:30:00	10.36	26.43	0.32	6.94	10.80	48.52
SQU-US	2025-06-11 22:45:00	10.29	25.77	0.32	6.92	10.83	46.78
SQU-US	2025-06-11 23:00:00	10.23	25.73	0.32	6.97	10.84	51.03
SQU-US	2025-06-11 23:15:00	10.14	25.71	0.33	6.99	10.86	49.23
SQU-US	2025-06-11 23:30:00	10.06	25.33	0.33	6.99	10.89	49.55
SQU-US	2025-06-11 23:45:00	9.99	25.53	0.34	6.94	10.91	48.38
SQU-US	2025-06-12 00:00:00	9.92	25.12	0.31	6.92	10.93	53.18
SQU-US	2025-06-12 00:15:00	9.82	24.91	0.32	6.95	10.95	47.27
SQU-US	2025-06-12 00:30:00	9.75	24.61	0.32	6.94	10.96	53.51
SQU-US	2025-06-12 00:45:00	9.68	24.77	0.32	6.92	10.99	55.97
SQU-US	2025-06-12 01:00:00	9.58	24.70	0.32	6.85	11.00	51.90
SQU-US	2025-06-12 01:15:00	9.52	24.38	0.33	6.92	11.03	54.12
SQU-US	2025-06-12 01:30:00	9.43	24.27	0.34	6.92	11.04	49.94
SQU-US	2025-06-12 01:45:00	9.33	24.54	0.34	6.85	11.08	48.66
SQU-US	2025-06-12 02:00:00	9.27	23.97	0.31	7.00	11.10	47.16
SQU-US	2025-06-12 02:15:00	9.19	23.92	0.32	6.95	11.10	44.64
SQU-US	2025-06-12 02:30:00	9.13	23.91	0.32	6.96	11.12	59.81
SQU-US	2025-06-12 02:45:00	9.05	23.81	0.32	6.97	11.14	46.39
SQU-US	2025-06-12 03:00:00	9.01	23.98	0.32	6.94	11.16	54.44
SQU-US	2025-06-12 03:15:00	8.89	23.73	0.33	6.95	11.18	42.09
SQU-US	2025-06-12 03:30:00	8.88	23.80	0.34	6.90	11.18	43.87
SQU-US	2025-06-12 03:45:00	8.83	23.57	0.33	6.96	11.21	51.74
SQU-US	2025-06-12 04:00:00	8.74	23.71	0.32	6.98	11.21	54.58
SQU-US	2025-06-12 04:15:00	8.66	23.75	0.33	6.90	11.24	43.21
SQU-US	2025-06-12 04:30:00	8.65	23.79	0.33	6.93	11.25	44.90
SQU-US	2025-06-12 04:45:00	8.63	23.68	0.33	6.94	11.27	46.13
SQU-US	2025-06-12 05:00:00	8.60	23.58	0.33	6.94	11.27	39.66
SQU-US	2025-06-12 05:15:00	8.54	23.54	0.34	6.93	11.29	48.21
SQU-US	2025-06-12 05:30:00	8.52	23.48	0.34	6.91	11.28	49.65
SQU-US	2025-06-12 05:45:00	8.45	23.82	0.34	6.88	11.30	58.85
SQU-US	2025-06-12 06:00:00	8.38	23.68	0.31	6.96	11.30	51.41
SQU-US	2025-06-12 06:15:00	8.43	23.76	0.32	6.92	11.31	46.24
SQU-US	2025-06-12 06:30:00	8.33	23.75	0.33	6.96	11.33	53.83
SQU-US	2025-06-12 06:45:00	8.33	24.08	0.33	6.91	11.33	51.32
SQU-US	2025-06-12 07:00:00	8.35	24.18	0.33	6.91	11.34	50.71
SQU-US	2025-06-12 07:15:00	8.34	24.10	0.34	6.92	11.35	54.65

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-12 07:30:00	8.28	24.19	0.34	6.94	11.39	41.09
SQU-US	2025-06-12 07:45:00	8.29	24.33	0.34	6.88	11.38	52.22
SQU-US	2025-06-12 08:00:00	8.32	23.88	0.33	6.94	11.39	44.33
SQU-US	2025-06-12 08:15:00	8.32	25.69	0.33	6.91	11.37	46.12
SQU-US	2025-06-12 08:30:00	8.35	24.82	0.32	6.99	11.38	47.38
SQU-US	2025-06-12 08:45:00	8.39	24.97	0.33	6.89	11.35	51.96
SQU-US	2025-06-12 09:00:00	8.36	25.56	0.33	6.90	11.38	44.07
SQU-US	2025-06-12 09:15:00	8.36	25.58	0.34	6.89	11.36	39.04
SQU-US	2025-06-12 09:30:00	8.45	25.43	0.35	6.81	11.38	40.69
SQU-US	2025-06-12 09:45:00	8.42	25.61	0.34	6.91	11.36	36.58
SQU-US	2025-06-12 10:00:00	8.47	25.43	0.31	6.97	11.36	43.57
SQU-US	2025-06-12 10:15:00	8.50	25.56	0.32	6.91	11.37	47.95
SQU-US	2025-06-12 10:30:00	8.53	25.55	0.33	6.85	11.37	42.38
SQU-US	2025-06-12 10:45:00	8.51	25.65	0.33	6.82	11.37	48.73
SQU-US	2025-06-12 11:00:00	8.46	26.07	0.33	6.84	11.37	53.74
SQU-US	2025-06-12 11:15:00	8.47	25.35	0.34	6.89	11.38	46.93
SQU-US	2025-06-12 11:30:00	8.46	25.84	0.34	6.91	11.38	45.55
SQU-US	2025-06-12 11:45:00	8.44	26.42	0.34	6.88	11.33	50.11
SQU-US	2025-06-12 12:00:00	8.48	26.16	0.32	6.93	11.35	43.24
SQU-US	2025-06-12 12:15:00	8.50	25.98	0.32	6.89	11.34	41.47
SQU-US	2025-06-12 12:30:00	8.56	25.77	0.33	6.94	11.35	44.27
SQU-US	2025-06-12 12:45:00	8.53	26.11	0.33	6.89	11.35	50.12
SQU-US	2025-06-12 13:00:00	8.63	25.93	0.32	6.91	11.34	46.39
SQU-US	2025-06-12 13:15:00	8.59	26.12	0.33	6.89	11.31	50.67
SQU-US	2025-06-12 13:30:00	8.59	25.96	0.33	6.88	11.31	42.85
SQU-US	2025-06-12 13:45:00	8.59	26.18	0.33	6.95	11.32	44.70
SQU-US	2025-06-12 14:00:00	8.60	26.23	0.32	6.95	11.30	41.12
SQU-US	2025-06-12 14:15:00	8.60	26.56	0.33	6.86	11.32	44.47
SQU-US	2025-06-12 14:30:00	8.66	26.00	0.33	6.95	11.29	47.22
SQU-US	2025-06-12 14:45:00	8.64	26.57	0.33	6.94	11.31	41.28
SQU-US	2025-06-12 15:00:00	8.67	26.03	0.34	6.78	11.30	38.17
SQU-US	2025-06-12 15:15:00	8.68	26.63	0.34	6.92	11.28	35.79
SQU-US	2025-06-12 15:30:00	8.69	27.08	0.34	6.88	11.26	42.85
SQU-US	2025-06-12 15:45:00	8.69	27.17	0.35	6.89	11.27	41.40
SQU-US	2025-06-12 16:00:00	8.70	27.05	0.32	6.89	11.27	55.83
SQU-US	2025-06-12 16:15:00	8.72	27.10	0.33	6.88	11.26	37.94
SQU-US	2025-06-12 16:30:00	8.75	26.75	0.33	6.92	11.26	40.54
SQU-US	2025-06-12 16:45:00	8.75	26.93	0.33	6.87	11.27	46.42
SQU-US	2025-06-12 17:00:00	8.76	27.36	0.33	6.91	11.26	43.83
SQU-US	2025-06-12 17:15:00	8.80	27.15	0.34	6.87	11.25	50.89
SQU-US	2025-06-12 17:30:00	8.75	27.18	0.34	6.93	11.27	42.29
SQU-US	2025-06-12 17:45:00	8.75	26.83	0.34	6.93	11.27	52.31
SQU-US	2025-06-12 18:00:00	8.70	27.30	0.32	6.99	11.27	40.10
SQU-US	2025-06-12 18:15:00	8.67	27.06	0.33	6.97	11.28	35.47
SQU-US	2025-06-12 18:30:00	8.62	26.82	0.32	7.01	11.30	38.77
SQU-US	2025-06-12 18:45:00	8.59	26.95	0.32	7.03	11.32	36.10
SQU-US	2025-06-12 19:00:00	8.53	27.14	0.32	7.03	11.33	39.16
SQU-US	2025-06-12 19:15:00	8.51	27.30	0.34	6.96	11.31	32.62
SQU-US	2025-06-12 19:30:00	8.48	27.52	0.34	7.02	11.32	38.95
SQU-US	2025-06-12 19:45:00	8.46	27.17	0.34	6.96	11.30	31.04
SQU-US	2025-06-12 20:00:00	8.43	27.28	0.32	7.00	11.30	31.88
SQU-US	2025-06-12 20:15:00	8.43	26.90	0.33	6.97	11.31	34.48
SQU-US	2025-06-12 20:30:00	8.40	27.42	0.33	6.94	11.29	41.58
SQU-US	2025-06-12 20:45:00	8.37	27.59	0.32	7.02	11.30	41.27
SQU-US	2025-06-12 21:00:00	8.36	27.83	0.32	6.90	11.29	36.53

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-12 21:15:00	8.32	28.19	0.33	7.00	11.28	41.20
SQU-US	2025-06-12 21:30:00	8.29	27.97	0.33	7.00	11.30	46.59
SQU-US	2025-06-12 21:45:00	8.23	28.40	0.34	7.00	11.29	34.18
SQU-US	2025-06-12 22:00:00	8.20	28.21	0.31	7.10	11.29	31.99
SQU-US	2025-06-12 22:15:00	8.18	28.26	0.31	7.07	11.30	27.71
SQU-US	2025-06-12 22:30:00	8.19	28.04	0.32	7.00	11.30	30.08
SQU-US	2025-06-12 22:45:00	8.13	28.30	0.33	6.96	11.30	28.91
SQU-US	2025-06-12 23:00:00	8.13	28.17	0.33	6.96	11.31	27.43
SQU-US	2025-06-12 23:15:00	8.12	28.04	0.33	6.93	11.31	35.59
SQU-US	2025-06-12 23:30:00	8.11	28.69	0.34	6.90	11.28	39.12
SQU-US	2025-06-12 23:45:00	8.09	29.15	0.33	6.95	11.23	39.97
SQU-US	2025-06-13 00:00:00	8.10	29.21	0.31	6.90	11.24	39.11
SQU-US	2025-06-13 00:15:00	8.06	29.49	0.32	6.83	11.21	36.13
SQU-US	2025-06-13 00:30:00	8.06	29.31	0.32	6.88	11.21	33.21
SQU-US	2025-06-13 00:45:00	8.04	29.23	0.32	6.84	11.22	36.40
SQU-US	2025-06-13 01:00:00	8.01	29.22	0.32	6.85	11.22	35.82
SQU-US	2025-06-13 01:15:00	8.01	28.77	0.33	6.86	11.23	34.19
SQU-US	2025-06-13 01:30:00	7.97	29.15	0.34	6.86	11.23	45.67
SQU-US	2025-06-13 01:45:00	7.95	28.98	0.33	6.92	11.26	44.39
SQU-US	2025-06-13 02:00:00	7.95	28.82	0.31	6.85	11.26	49.62
SQU-US	2025-06-13 02:15:00	7.93	28.68	0.32	6.87	11.27	35.13
SQU-US	2025-06-13 02:30:00	7.91	28.64	0.32	6.90	11.27	34.51
SQU-US	2025-06-13 02:45:00	7.87	28.53	0.32	6.90	11.30	34.15
SQU-US	2025-06-13 03:00:00	7.87	28.48	0.32	6.90	11.30	36.79
SQU-US	2025-06-13 03:15:00	7.84	28.63	0.33	6.90	11.33	37.12
SQU-US	2025-06-13 03:30:00	7.82	28.44	0.34	6.87	11.35	30.27
SQU-US	2025-06-13 03:45:00	7.81	28.29	0.34	6.89	11.33	35.21
SQU-US	2025-06-13 04:00:00	7.81	28.00	0.32	6.89	11.36	29.58
SQU-US	2025-06-13 04:15:00	7.76	28.16	0.32	7.02	11.37	33.53
SQU-US	2025-06-13 04:30:00	7.74	28.16	0.33	6.90	11.38	47.22
SQU-US	2025-06-13 04:45:00	7.74	27.91	0.33	6.99	11.39	37.12
SQU-US	2025-06-13 05:00:00	7.69	28.28	0.33	6.89	11.40	33.96
SQU-US	2025-06-13 05:15:00	7.72	27.93	0.33	6.93	11.39	34.32
SQU-US	2025-06-13 05:30:00	7.69	28.11	0.34	6.91	11.40	39.03
SQU-US	2025-06-13 05:45:00	7.69	27.91	0.34	6.96	11.41	39.60
SQU-US	2025-06-13 06:00:00	7.67	28.06	0.31	6.96	11.41	33.82
SQU-US	2025-06-13 06:15:00	7.66	28.10	0.32	7.00	11.42	40.82
SQU-US	2025-06-13 06:30:00	7.67	28.30	0.33	6.93	11.40	26.13
SQU-US	2025-06-13 06:45:00	7.64	28.80	0.33	6.96	11.39	34.36
SQU-US	2025-06-13 07:00:00	7.65	28.76	0.33	6.91	11.40	32.47
SQU-US	2025-06-13 07:15:00	7.65	28.95	0.34	6.90	11.39	32.23
SQU-US	2025-06-13 07:30:00	7.66	29.35	0.34	6.91	11.37	33.65
SQU-US	2025-06-13 07:45:00	7.66	29.74	0.34	6.93	11.36	27.58
SQU-US	2025-06-13 08:00:00	7.65	29.77	0.32	6.91	11.36	31.42
SQU-US	2025-06-13 08:15:00	7.68	30.04	0.33	6.87	11.35	34.60
SQU-US	2025-06-13 08:30:00	7.68	30.39	0.33	6.84	11.34	27.97
SQU-US	2025-06-13 08:45:00	7.70	29.80	0.33	6.89	11.33	34.36
SQU-US	2025-06-13 09:00:00	7.69	30.66	0.33	6.86	11.35	36.44
SQU-US	2025-06-13 09:15:00	7.72	30.40	0.34	6.86	11.34	34.01
SQU-US	2025-06-13 09:30:00	7.72	30.42	0.34	6.87	11.35	28.62
SQU-US	2025-06-13 09:45:00	7.72	30.42	0.34	6.85	11.37	34.81
SQU-US	2025-06-13 10:00:00	7.77	30.50	0.31	6.91	11.36	36.41
SQU-US	2025-06-13 10:15:00	7.81	30.38	0.32	6.93	11.38	27.97
SQU-US	2025-06-13 10:30:00	7.87	30.62	0.32	6.93	11.39	29.30
SQU-US	2025-06-13 10:45:00	7.96	30.13	0.32	6.88	11.40	27.83

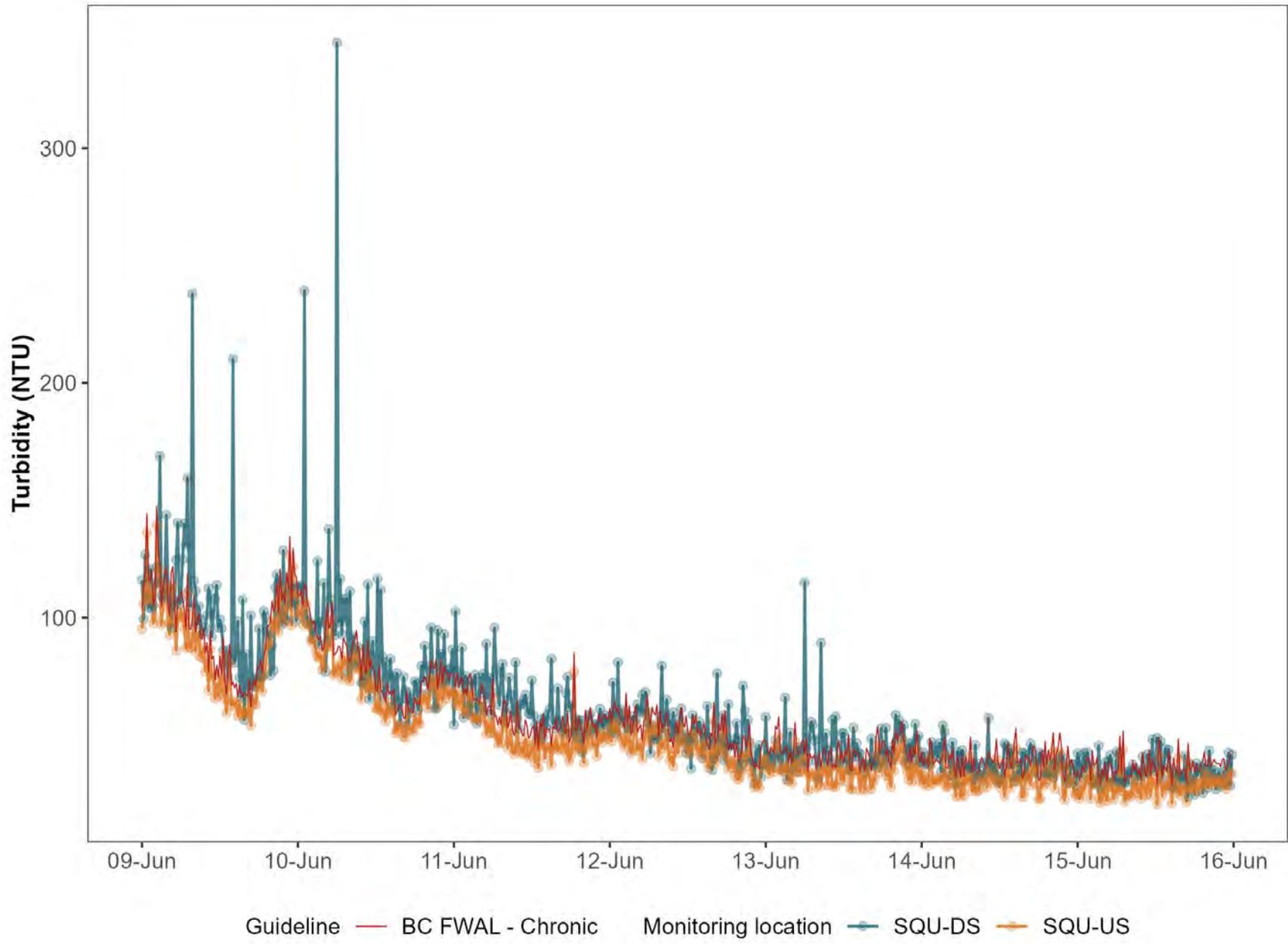
Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-13 11:00:00	8.07	30.01	0.33	6.84	11.42	35.95
SQU-US	2025-06-13 11:15:00	8.19	30.31	0.34	6.91	11.44	39.79
SQU-US	2025-06-13 11:30:00	8.36	30.05	0.34	6.95	11.42	31.23
SQU-US	2025-06-13 11:45:00	8.46	30.22	0.34	6.99	11.43	34.76
SQU-US	2025-06-13 12:00:00	8.52	30.18	0.32	6.99	11.41	29.94
SQU-US	2025-06-13 12:15:00	8.69	29.95	0.33	6.92	11.43	35.06
SQU-US	2025-06-13 12:30:00	8.78	30.43	0.33	6.98	11.39	33.71
SQU-US	2025-06-13 12:45:00	8.83	30.11	0.33	6.99	11.40	42.07
SQU-US	2025-06-13 13:00:00	8.94	29.50	0.33	6.99	11.40	27.23
SQU-US	2025-06-13 13:15:00	9.02	29.99	0.34	6.99	11.37	26.54
SQU-US	2025-06-13 13:30:00	9.14	30.20	0.35	6.94	11.35	36.28
SQU-US	2025-06-13 13:45:00	9.23	30.12	0.34	7.01	11.33	34.98
SQU-US	2025-06-13 14:00:00	9.25	30.15	0.32	7.06	11.32	33.61
SQU-US	2025-06-13 14:15:00	9.27	30.16	0.33	6.96	11.31	34.37
SQU-US	2025-06-13 14:30:00	9.26	30.38	0.33	6.95	11.28	26.35
SQU-US	2025-06-13 14:45:00	9.21	30.30	0.34	6.90	11.30	30.40
SQU-US	2025-06-13 15:00:00	9.21	30.28	0.33	6.98	11.26	32.53
SQU-US	2025-06-13 15:15:00	9.21	30.66	0.34	6.94	11.25	26.61
SQU-US	2025-06-13 15:30:00	9.26	30.91	0.34	6.98	11.23	36.22
SQU-US	2025-06-13 15:45:00	9.36	30.87	0.34	6.96	11.22	34.57
SQU-US	2025-06-13 16:00:00	9.41	30.83	0.32	7.00	11.20	31.87
SQU-US	2025-06-13 16:15:00	9.43	30.65	0.32	7.03	11.20	26.88
SQU-US	2025-06-13 16:30:00	9.43	30.94	0.32	7.09	11.19	29.56
SQU-US	2025-06-13 16:45:00	9.42	30.80	0.33	7.02	11.18	31.46
SQU-US	2025-06-13 17:00:00	9.39	31.00	0.33	7.01	11.18	41.50
SQU-US	2025-06-13 17:15:00	9.35	31.32	0.34	7.00	11.16	45.57
SQU-US	2025-06-13 17:30:00	9.29	31.19	0.34	6.94	11.17	34.26
SQU-US	2025-06-13 17:45:00	9.26	31.05	0.34	6.99	11.18	35.85
SQU-US	2025-06-13 18:00:00	9.24	31.08	0.32	7.07	11.17	39.50
SQU-US	2025-06-13 18:15:00	9.20	30.99	0.33	6.99	11.19	38.73
SQU-US	2025-06-13 18:30:00	9.17	30.84	0.32	7.06	11.20	32.73
SQU-US	2025-06-13 18:45:00	9.12	30.68	0.33	7.02	11.21	36.02
SQU-US	2025-06-13 19:00:00	9.11	30.31	0.33	7.03	11.25	30.91
SQU-US	2025-06-13 19:15:00	9.07	30.45	0.34	7.03	11.24	27.91
SQU-US	2025-06-13 19:30:00	9.02	30.14	0.34	7.01	11.25	40.03
SQU-US	2025-06-13 19:45:00	8.99	30.19	0.34	7.08	11.24	34.56
SQU-US	2025-06-13 20:00:00	8.98	30.30	0.33	7.04	11.24	44.21
SQU-US	2025-06-13 20:15:00	8.94	30.31	0.32	7.13	11.24	39.34
SQU-US	2025-06-13 20:30:00	8.90	30.27	0.33	7.08	11.24	41.69
SQU-US	2025-06-13 20:45:00	8.84	30.25	0.32	7.04	11.25	44.28
SQU-US	2025-06-13 21:00:00	8.79	30.63	0.33	7.05	11.23	47.57
SQU-US	2025-06-13 21:15:00	8.76	30.53	0.33	7.07	11.23	39.05
SQU-US	2025-06-13 21:30:00	8.71	30.84	0.34	7.07	11.24	37.03
SQU-US	2025-06-13 21:45:00	8.67	30.61	0.33	7.06	11.24	34.25
SQU-US	2025-06-13 22:00:00	8.63	31.26	0.32	6.97	11.22	30.95
SQU-US	2025-06-13 22:15:00	8.61	31.33	0.31	7.08	11.22	37.02
SQU-US	2025-06-13 22:30:00	8.57	31.33	0.31	7.09	11.22	29.88
SQU-US	2025-06-13 22:45:00	8.52	31.33	0.32	6.98	11.23	37.05
SQU-US	2025-06-13 23:00:00	8.47	32.25	0.32	7.03	11.23	33.46
SQU-US	2025-06-13 23:15:00	8.49	31.38	0.33	7.01	11.23	43.83
SQU-US	2025-06-13 23:30:00	8.50	31.20	0.34	6.99	11.25	33.77
SQU-US	2025-06-13 23:45:00	8.42	31.76	0.34	6.98	11.23	30.22
SQU-US	2025-06-14 00:00:00	8.42	31.97	0.31	6.97	11.22	34.80
SQU-US	2025-06-14 00:15:00	8.41	32.10	0.32	6.95	11.19	28.98
SQU-US	2025-06-14 00:30:00	8.42	31.93	0.32	6.98	11.19	32.24

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-14 00:45:00	8.39	32.45	0.32	6.96	11.18	31.53
SQU-US	2025-06-14 01:00:00	8.37	32.96	0.32	6.93	11.16	28.14
SQU-US	2025-06-14 01:15:00	8.35	32.86	0.32	6.95	11.16	40.40
SQU-US	2025-06-14 01:30:00	8.36	32.50	0.33	6.87	11.16	37.43
SQU-US	2025-06-14 01:45:00	8.32	32.25	0.33	6.93	11.18	29.24
SQU-US	2025-06-14 02:00:00	8.30	32.07	0.32	6.90	11.18	30.56
SQU-US	2025-06-14 02:15:00	8.29	32.07	0.32	6.87	11.18	31.78
SQU-US	2025-06-14 02:30:00	8.26	31.98	0.32	6.91	11.21	30.90
SQU-US	2025-06-14 02:45:00	8.25	31.58	0.32	6.92	11.22	29.88
SQU-US	2025-06-14 03:00:00	8.20	31.32	0.32	6.90	11.24	31.35
SQU-US	2025-06-14 03:15:00	8.17	31.62	0.33	6.89	11.24	32.47
SQU-US	2025-06-14 03:30:00	8.15	31.17	0.33	6.91	11.26	41.38
SQU-US	2025-06-14 03:45:00	8.13	31.14	0.33	6.94	11.26	27.89
SQU-US	2025-06-14 04:00:00	8.10	30.76	0.31	6.94	11.29	27.77
SQU-US	2025-06-14 04:15:00	8.09	30.59	0.31	7.01	11.31	33.45
SQU-US	2025-06-14 04:30:00	8.09	30.48	0.31	7.06	11.32	31.20
SQU-US	2025-06-14 04:45:00	8.05	30.54	0.31	7.01	11.31	36.24
SQU-US	2025-06-14 05:00:00	8.04	30.25	0.32	6.99	11.31	28.67
SQU-US	2025-06-14 05:15:00	8.00	30.30	0.33	6.98	11.32	23.81
SQU-US	2025-06-14 05:30:00	8.01	30.23	0.34	6.95	11.33	33.21
SQU-US	2025-06-14 05:45:00	8.00	30.09	0.33	7.07	11.34	29.19
SQU-US	2025-06-14 06:00:00	7.97	30.19	0.32	6.96	11.34	23.76
SQU-US	2025-06-14 06:15:00	7.95	30.24	0.32	6.97	11.35	33.92
SQU-US	2025-06-14 06:30:00	7.91	30.31	0.32	6.94	11.36	24.30
SQU-US	2025-06-14 06:45:00	7.95	30.22	0.32	7.01	11.36	32.95
SQU-US	2025-06-14 07:00:00	7.92	30.32	0.32	7.02	11.38	29.68
SQU-US	2025-06-14 07:15:00	7.92	30.33	0.33	6.95	11.37	30.37
SQU-US	2025-06-14 07:30:00	7.91	30.70	0.33	6.96	11.37	41.07
SQU-US	2025-06-14 07:45:00	7.90	30.97	0.34	6.94	11.36	26.01
SQU-US	2025-06-14 08:00:00	7.89	31.24	0.31	6.96	11.36	32.25
SQU-US	2025-06-14 08:15:00	7.90	31.11	0.32	6.99	11.37	27.28
SQU-US	2025-06-14 08:30:00	7.94	31.43	0.32	6.96	11.36	25.95
SQU-US	2025-06-14 08:45:00	7.94	32.03	0.33	6.91	11.35	26.32
SQU-US	2025-06-14 09:00:00	7.98	31.92	0.33	6.94	11.33	30.43
SQU-US	2025-06-14 09:15:00	8.05	31.44	0.33	6.97	11.36	32.46
SQU-US	2025-06-14 09:30:00	8.06	31.82	0.34	6.95	11.37	30.44
SQU-US	2025-06-14 09:45:00	8.06	31.72	0.34	6.94	11.36	28.77
SQU-US	2025-06-14 10:00:00	8.12	31.51	0.32	6.95	11.37	27.75
SQU-US	2025-06-14 10:15:00	8.15	31.40	0.32	7.00	11.38	35.00
SQU-US	2025-06-14 10:30:00	8.18	31.60	0.33	7.01	11.38	32.47
SQU-US	2025-06-14 10:45:00	8.24	31.80	0.33	6.98	11.37	31.55
SQU-US	2025-06-14 11:00:00	8.31	32.12	0.33	6.93	11.35	29.65
SQU-US	2025-06-14 11:15:00	8.38	31.40	0.33	6.99	11.37	32.01
SQU-US	2025-06-14 11:30:00	8.43	31.75	0.34	6.99	11.37	40.07
SQU-US	2025-06-14 11:45:00	8.50	31.98	0.34	7.06	11.37	30.17
SQU-US	2025-06-14 12:00:00	8.61	31.61	0.33	6.94	11.38	27.62
SQU-US	2025-06-14 12:15:00	8.68	31.38	0.33	6.94	11.35	29.94
SQU-US	2025-06-14 12:30:00	8.70	31.81	0.33	6.98	11.35	31.81
SQU-US	2025-06-14 12:45:00	8.73	31.65	0.34	6.96	11.35	24.04
SQU-US	2025-06-14 13:00:00	8.76	30.99	0.33	7.00	11.36	28.65
SQU-US	2025-06-14 13:15:00	8.79	31.34	0.34	7.00	11.36	38.61
SQU-US	2025-06-14 13:30:00	8.82	30.97	0.34	7.01	11.36	33.64
SQU-US	2025-06-14 13:45:00	8.83	31.35	0.35	6.98	11.34	27.42
SQU-US	2025-06-14 14:00:00	8.86	31.34	0.32	7.07	11.34	31.74
SQU-US	2025-06-14 14:15:00	8.87	31.35	0.33	7.04	11.35	38.93

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-14 14:30:00	8.96	31.62	0.33	6.97	11.31	44.74
SQU-US	2025-06-14 14:45:00	8.96	31.79	0.34	6.91	11.31	30.34
SQU-US	2025-06-14 15:00:00	8.99	31.74	0.33	6.99	11.30	29.74
SQU-US	2025-06-14 15:15:00	9.04	31.53	0.34	7.01	11.30	31.93
SQU-US	2025-06-14 15:30:00	9.09	32.11	0.34	7.03	11.28	23.45
SQU-US	2025-06-14 15:45:00	9.16	31.92	0.34	7.03	11.27	25.24
SQU-US	2025-06-14 16:00:00	9.22	31.86	0.32	7.04	11.26	33.54
SQU-US	2025-06-14 16:15:00	9.26	31.97	0.32	7.03	11.26	31.47
SQU-US	2025-06-14 16:30:00	9.28	31.97	0.33	7.00	11.24	32.34
SQU-US	2025-06-14 16:45:00	9.32	31.77	0.33	7.04	11.24	28.64
SQU-US	2025-06-14 17:00:00	9.37	31.86	0.33	6.99	11.23	34.67
SQU-US	2025-06-14 17:15:00	9.46	31.73	0.33	6.97	11.22	37.45
SQU-US	2025-06-14 17:30:00	9.51	31.91	0.34	7.02	11.22	35.03
SQU-US	2025-06-14 17:45:00	9.50	31.62	0.33	7.13	11.22	28.31
SQU-US	2025-06-14 18:00:00	9.49	32.14	0.32	7.07	11.18	22.55
SQU-US	2025-06-14 18:15:00	9.52	32.13	0.32	7.06	11.17	22.99
SQU-US	2025-06-14 18:30:00	9.48	31.70	0.33	7.08	11.19	35.41
SQU-US	2025-06-14 18:45:00	9.47	31.68	0.33	7.01	11.20	28.21
SQU-US	2025-06-14 19:00:00	9.45	31.94	0.33	7.05	11.17	39.28
SQU-US	2025-06-14 19:15:00	9.48	32.04	0.34	7.04	11.16	29.53
SQU-US	2025-06-14 19:30:00	9.48	31.47	0.34	6.97	11.17	35.52
SQU-US	2025-06-14 19:45:00	9.44	31.78	0.34	7.14	11.17	31.07
SQU-US	2025-06-14 20:00:00	9.39	31.76	0.32	7.11	11.17	35.79
SQU-US	2025-06-14 20:15:00	9.40	31.30	0.32	7.14	11.17	43.09
SQU-US	2025-06-14 20:30:00	9.33	31.44	0.32	7.17	11.17	27.12
SQU-US	2025-06-14 20:45:00	9.33	31.13	0.33	7.11	11.16	34.09
SQU-US	2025-06-14 21:00:00	9.28	31.26	0.33	7.08	11.16	36.87
SQU-US	2025-06-14 21:15:00	9.22	31.48	0.33	7.04	11.14	42.92
SQU-US	2025-06-14 21:30:00	9.18	31.48	0.33	7.08	11.14	36.93
SQU-US	2025-06-14 21:45:00	9.13	31.68	0.33	7.10	11.14	25.17
SQU-US	2025-06-14 22:00:00	9.12	31.78	0.31	7.16	11.13	22.29
SQU-US	2025-06-14 22:15:00	9.05	32.42	0.32	7.01	11.11	28.77
SQU-US	2025-06-14 22:30:00	9.02	32.48	0.32	7.04	11.12	37.13
SQU-US	2025-06-14 22:45:00	9.00	32.63	0.32	7.00	11.09	29.36
SQU-US	2025-06-14 23:00:00	8.94	32.87	0.32	7.06	11.11	31.57
SQU-US	2025-06-14 23:15:00	8.93	32.79	0.33	6.97	11.11	29.39
SQU-US	2025-06-14 23:30:00	8.86	33.13	0.33	7.05	11.11	25.02
SQU-US	2025-06-14 23:45:00	8.83	33.01	0.33	7.12	11.13	24.38
SQU-US	2025-06-15 00:00:00	8.81	32.72	0.30	7.09	11.12	26.94
SQU-US	2025-06-15 00:15:00	8.76	33.10	0.31	7.05	11.12	22.77
SQU-US	2025-06-15 00:30:00	8.74	33.19	0.31	7.08	11.14	24.32
SQU-US	2025-06-15 00:45:00	8.74	33.54	0.32	7.01	11.11	29.03
SQU-US	2025-06-15 01:00:00	8.70	33.98	0.32	6.93	11.08	26.20
SQU-US	2025-06-15 01:15:00	8.71	34.02	0.33	6.94	11.06	30.10
SQU-US	2025-06-15 01:30:00	8.69	33.52	0.33	6.88	11.05	32.76
SQU-US	2025-06-15 01:45:00	8.65	33.70	0.33	6.93	11.06	31.13
SQU-US	2025-06-15 02:00:00	8.60	34.11	0.31	6.91	11.07	22.78
SQU-US	2025-06-15 02:15:00	8.56	33.83	0.31	6.99	11.09	35.29
SQU-US	2025-06-15 02:30:00	8.52	33.35	0.32	6.95	11.10	28.98
SQU-US	2025-06-15 02:45:00	8.50	33.20	0.32	6.97	11.13	29.43
SQU-US	2025-06-15 03:00:00	8.43	33.23	0.32	6.92	11.15	32.47
SQU-US	2025-06-15 03:15:00	8.41	32.63	0.33	6.98	11.17	23.17
SQU-US	2025-06-15 03:30:00	8.37	32.71	0.33	6.97	11.18	21.08
SQU-US	2025-06-15 03:45:00	8.35	32.50	0.33	6.92	11.20	27.75
SQU-US	2025-06-15 04:00:00	8.29	32.28	0.31	7.01	11.20	23.96

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-15 04:15:00	8.26	32.02	0.31	7.00	11.22	30.33
SQU-US	2025-06-15 04:30:00	8.23	32.05	0.31	7.01	11.23	21.94
SQU-US	2025-06-15 04:45:00	8.20	32.03	0.32	6.98	11.23	28.08
SQU-US	2025-06-15 05:00:00	8.15	31.74	0.32	6.99	11.24	30.98
SQU-US	2025-06-15 05:15:00	8.12	31.69	0.33	6.93	11.28	27.79
SQU-US	2025-06-15 05:30:00	8.09	31.61	0.33	7.00	11.29	22.62
SQU-US	2025-06-15 05:45:00	8.05	31.78	0.33	7.06	11.29	26.62
SQU-US	2025-06-15 06:00:00	8.03	31.36	0.31	7.04	11.31	25.56
SQU-US	2025-06-15 06:15:00	7.99	31.52	0.32	7.00	11.33	27.68
SQU-US	2025-06-15 06:30:00	7.98	31.52	0.33	7.02	11.34	41.45
SQU-US	2025-06-15 06:45:00	7.99	31.39	0.33	6.98	11.36	25.98
SQU-US	2025-06-15 07:00:00	7.97	31.40	0.33	7.01	11.37	43.81
SQU-US	2025-06-15 07:15:00	7.96	31.40	0.33	7.02	11.41	21.54
SQU-US	2025-06-15 07:30:00	7.96	31.44	0.34	7.00	11.40	24.17
SQU-US	2025-06-15 07:45:00	7.94	31.43	0.34	6.99	11.42	24.56
SQU-US	2025-06-15 08:00:00	7.97	31.30	0.32	7.04	11.43	24.53
SQU-US	2025-06-15 08:15:00	8.00	31.51	0.33	6.97	11.43	23.77
SQU-US	2025-06-15 08:30:00	8.01	31.72	0.33	6.93	11.43	31.12
SQU-US	2025-06-15 08:45:00	8.06	32.19	0.33	7.05	11.45	26.48
SQU-US	2025-06-15 09:00:00	8.11	31.87	0.33	7.02	11.45	29.66
SQU-US	2025-06-15 09:15:00	8.16	32.03	0.34	6.97	11.46	25.24
SQU-US	2025-06-15 09:30:00	8.23	32.10	0.34	6.96	11.44	27.42
SQU-US	2025-06-15 09:45:00	8.31	32.10	0.34	7.00	11.44	22.85
SQU-US	2025-06-15 10:00:00	8.38	32.30	0.32	7.04	11.45	34.25
SQU-US	2025-06-15 10:15:00	8.47	31.98	0.33	6.99	11.42	28.98
SQU-US	2025-06-15 10:30:00	8.58	32.26	0.33	7.04	11.42	24.19
SQU-US	2025-06-15 10:45:00	8.66	32.11	0.33	6.94	11.40	27.18
SQU-US	2025-06-15 11:00:00	8.74	32.52	0.33	7.02	11.41	35.75
SQU-US	2025-06-15 11:15:00	8.87	32.83	0.34	6.95	11.36	24.10
SQU-US	2025-06-15 11:30:00	8.96	32.27	0.34	7.02	11.39	31.71
SQU-US	2025-06-15 11:45:00	9.05	32.17	0.34	7.00	11.37	29.56
SQU-US	2025-06-15 12:00:00	9.16	32.62	0.32	7.05	11.35	28.83
SQU-US	2025-06-15 12:15:00	9.25	32.47	0.32	7.04	11.34	20.47
SQU-US	2025-06-15 12:30:00	9.35	31.94	0.32	7.06	11.34	41.10
SQU-US	2025-06-15 12:45:00	9.44	32.07	0.33	7.07	11.32	33.49
SQU-US	2025-06-15 13:00:00	9.55	32.54	0.34	6.95	11.28	24.09
SQU-US	2025-06-15 13:15:00	9.65	32.47	0.34	7.04	11.28	29.22
SQU-US	2025-06-15 13:30:00	9.76	32.44	0.34	7.01	11.25	27.96
SQU-US	2025-06-15 13:45:00	9.87	32.26	0.34	7.05	11.23	26.48
SQU-US	2025-06-15 14:00:00	9.97	32.22	0.32	7.08	11.23	35.57
SQU-US	2025-06-15 14:15:00	10.09	32.77	0.33	7.07	11.19	28.72
SQU-US	2025-06-15 14:30:00	10.19	32.85	0.32	7.09	11.14	20.76
SQU-US	2025-06-15 14:45:00	10.29	32.28	0.33	6.98	11.15	32.16
SQU-US	2025-06-15 15:00:00	10.38	32.51	0.33	7.06	11.12	27.57
SQU-US	2025-06-15 15:15:00	10.47	32.65	0.33	7.04	11.09	25.59
SQU-US	2025-06-15 15:30:00	10.57	32.25	0.34	7.04	11.08	40.28
SQU-US	2025-06-15 15:45:00	10.64	32.57	0.34	7.07	11.06	24.35
SQU-US	2025-06-15 16:00:00	10.72	32.64	0.32	7.09	11.01	26.23
SQU-US	2025-06-15 16:15:00	10.79	32.49	0.32	7.06	11.01	27.13
SQU-US	2025-06-15 16:30:00	10.86	32.72	0.32	7.03	10.97	28.05
SQU-US	2025-06-15 16:45:00	10.91	32.91	0.33	7.02	10.94	21.46
SQU-US	2025-06-15 17:00:00	10.97	33.11	0.33	6.97	10.91	38.42
SQU-US	2025-06-15 17:15:00	11.00	32.92	0.34	6.99	10.92	27.22
SQU-US	2025-06-15 17:30:00	11.05	32.49	0.34	7.06	10.89	27.08
SQU-US	2025-06-15 17:45:00	11.08	33.03	0.33	7.09	10.87	30.83

Squamish River							
Station	Date/Time	Temperature (C)	ORP (V)	Specific Conductivity (µS/cm)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
SQU-US	2025-06-15 18:00:00	11.11	33.19	0.32	7.12	10.83	25.81
SQU-US	2025-06-15 18:15:00	11.11	33.11	0.32	7.05	10.84	29.32
SQU-US	2025-06-15 18:30:00	11.11	32.91	0.33	7.04	10.81	27.92
SQU-US	2025-06-15 18:45:00	11.10	33.20	0.32	7.11	10.80	26.54
SQU-US	2025-06-15 19:00:00	11.10	33.16	0.33	7.05	10.78	29.66
SQU-US	2025-06-15 19:15:00	11.09	33.55	0.33	7.05	10.76	30.63
SQU-US	2025-06-15 19:30:00	11.07	33.65	0.34	7.04	10.75	34.64
SQU-US	2025-06-15 19:45:00	11.05	33.40	0.33	7.14	10.73	28.72
SQU-US	2025-06-15 20:00:00	11.00	33.51	0.32	7.07	10.73	29.13
SQU-US	2025-06-15 20:15:00	10.97	32.68	0.32	7.08	10.76	32.97
SQU-US	2025-06-15 20:30:00	10.93	32.93	0.32	7.16	10.76	28.44
SQU-US	2025-06-15 20:45:00	10.89	32.76	0.32	7.14	10.73	30.00
SQU-US	2025-06-15 21:00:00	10.84	33.05	0.33	7.08	10.71	31.49
SQU-US	2025-06-15 21:15:00	10.79	33.00	0.33	7.05	10.72	30.22
SQU-US	2025-06-15 21:30:00	10.75	33.26	0.34	7.08	10.70	29.73
SQU-US	2025-06-15 21:45:00	10.69	32.84	0.33	7.05	10.70	29.98
SQU-US	2025-06-15 22:00:00	10.62	32.72	0.31	7.01	10.70	28.52
SQU-US	2025-06-15 22:15:00	10.59	32.93	0.31	7.06	10.70	31.26
SQU-US	2025-06-15 22:30:00	10.50	33.28	0.31	7.14	10.71	31.97
SQU-US	2025-06-15 22:45:00	10.44	33.11	0.31	7.11	10.72	27.00
SQU-US	2025-06-15 23:00:00	10.35	33.35	0.32	7.06	10.71	28.54
SQU-US	2025-06-15 23:15:00	10.30	33.47	0.32	7.05	10.73	30.12
SQU-US	2025-06-15 23:30:00	10.22	34.25	0.33	7.00	10.72	33.80
SQU-US	2025-06-15 23:45:00	10.15	33.07	0.32	7.08	10.75	33.29



 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	June 9 th to June 15 th , 2025
	Report #	64
	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	June 9 th to June 15 th , 2025
Report #	64
Appendix C	C-2

Woodfibre Site Sample Analysis



BC Approved Water
Quality Guideline -
Freshwater Aquatic Life -
Short Term Max ¹ **WLNG EOP**
2025-06-10
10:45:00 ²

Analyte	Unit		
In situ Parameters			
Field pH	pH Units	6.5 - 9	6.77
Field Temperature	°C	19	12.2
General Parameters			
pH	pH Units		7.84
Alkalinity (Total as CaCO ₃)	mg/L		49
Alkalinity (PP as CaCO ₃)	mg/L		<1
Hardness (CaCO ₃)-Total	mg/L		55.7
Hardness (CaCO ₃)-Dissolved	mg/L		50.1
Sulphide-Total	mg/L		<0.0018
Sulphide (as H ₂ S)	mg/L		<0.002
Anions and Nutrients			
Ammonia (N)-Total	mg/L	22.3	<0.015
Bicarbonate (HCO ₃)	mg/L		59
Carbonate (CO ₃)	mg/L		<1
Hydroxide (OH)	mg/L		<1
Nitrate (N)	mg/L	32.8	<0.02
Nitrite (N)	mg/L	0.24	<0.005
Nitrate plus Nitrite (N)	mg/L		<0.02
Nitrogen (N)-Total	mg/L		0.199
Phosphorus (P)-Total (4500-P)	mg/L		0.0031
Bromide (Br)	mg/L		<0.01
Chloride (Cl)	mg/L	600	6
Fluoride (F)	mg/L	1.099	0.15
Sulphate (SO ₄)-Dissolved	mg/L		6.8
Total Metals			
Aluminum (Al)-Total	mg/L		0.0756
Antimony (Sb)-Total	mg/L	0.25	0.000527
Arsenic (As)-Total	mg/L		0.00147
Barium (Ba)-Total	mg/L		0.00567
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		0.0000068
Calcium (Ca)-Total	mg/L		20.4
Cesium (Cs)-Total	mg/L		<0.00005
Chromium (Cr)-Total	mg/L		<0.0001

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

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



BC Approved Water
Quality Guideline -
Freshwater Aquatic Life -
Short Term Max ¹ **WLNG EOP**
2025-06-10
10:45:00 ²

Analyte	Unit		
Total Metals (cont'd.)			
Chromium (Cr III)-Total	mg/L		<0.00099
Chromium (Cr VI)-Total	mg/L		<0.00099
Cobalt (Co)-Total	mg/L	0.11	0.0000532
Copper (Cu)-Total	mg/L		0.000214
Iron (Fe)-Total	mg/L	1	0.0068
Lead (Pb)-Total	mg/L		0.0000139
Lithium (Li)-Total	mg/L		0.00277
Magnesium (Mg)-Total	mg/L		1.18
Manganese (Mn)-Total	mg/L	1.154	0.0126
Mercury (Hg)-Total	mg/L		<0.0000019
Molybdenum (Mo)-Total	mg/L	46	0.015
Nickel (Ni)-Total	mg/L		0.000139
Phosphorus (P)-Total (ICPMS)	mg/L		<0.002
Potassium (K)-Total	mg/L		1.75
Rubidium (Rb)-Total	mg/L		0.00348
Selenium (Se)-Total	mg/L		0.000065
Silicon (Si)-Total	mg/L		6.96
Silver (Ag)-Total	mg/L		<0.000005
Sodium (Na)-Total	mg/L		6.06
Strontium (Sr)-Total	mg/L		0.0418
Sulphur (S)-Total	mg/L		<3
Tellurium (Te)-Total	mg/L		<0.00002
Thallium (Tl)-Total	mg/L		0.0000164
Thorium (Th)-Total	mg/L		<0.00005
Tin (Sn)-Total	mg/L		<0.0002
Titanium (Ti)-Total	mg/L		<0.0005
Uranium (U)-Total	mg/L	0.0165	0.000252
Vanadium (V)-Total	mg/L		<0.0002
Zinc (Zn)-Total	mg/L		0.0014
Zirconium (Zr)-Total	mg/L		<0.0001

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

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



BC Approved Water
Quality Guideline -
Freshwater Aquatic Life -
Short Term Max ¹

WLNQ EOP
2025-06-10
10:45:00 ²

Analyte	Unit		
Dissolved Metals			
Aluminum (Al)-Dissolved	mg/L		0.0544
Antimony (Sb)-Dissolved	mg/L		0.000462
Arsenic (As)-Dissolved	mg/L		0.00111
Barium (Ba)-Dissolved	mg/L		0.00632
Beryllium (Be)-Dissolved	mg/L		<0.00001
Bismuth (Bi)-Dissolved	mg/L		<0.000005
Boron (B)-Dissolved	mg/L		0.013
Cadmium (Cd)-Dissolved	mg/L	0.000322	0.000012
Calcium (Ca)-Dissolved	mg/L		18.6
Cesium (Cs)-Dissolved	mg/L		<0.00005
Chromium (Cr)-Dissolved	mg/L		<0.0001
Cobalt (Co)-Dissolved	mg/L		0.000075
Copper (Cu)-Dissolved	mg/L	0.00136	0.000299
Iron (Fe)-Dissolved	mg/L	0.35	0.0013
Lead (Pb)-Dissolved	mg/L		0.00001
Lithium (Li)-Dissolved	mg/L		0.00225
Manganese (Mn)-Dissolved	mg/L		0.0147
Magnesium (Mg)-Dissolved	mg/L		0.914
Mercury (Hg)-Dissolved	mg/L		<0.0000019
Molybdenum (Mo)-Dissolved	mg/L		0.0148
Nickel (Ni)-Dissolved	mg/L	0.02	0.000156
Phosphorus (P)-Dissolved	mg/L		<0.002
Potassium (K)-Dissolved	mg/L		1.42
Rubidium (Rb)-Dissolved	mg/L		0.0028
Selenium (Se)-Dissolved	mg/L		0.000045
Silicon (Si)-Dissolved	mg/L		6.33
Silver (Ag)-Dissolved	mg/L		<0.000005
Sodium (Na)-Dissolved	mg/L		4.23
Strontium (Sr)-Dissolved	mg/L		0.0382
Sulphur (S)-Dissolved	mg/L		<3
Tellurium (Te)-Dissolved	mg/L		<0.00002
Thallium (Tl)-Dissolved	mg/L		0.000015
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		0.000785
Vanadium (V)-Dissolved	mg/L		0.00028
Zinc (Zn)-Dissolved	mg/L	0.027731	0.0029
Zirconium (Zr)-Dissolved	mg/L		<0.0001

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

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



BC Approved Water
Quality Guideline -
Freshwater Aquatic Life -
Short Term Max ¹

WLNG EOP
2025-06-10
10:45:00 ²

Analyte	Unit		
Inorganics			
Organic Carbon (C)-Total	mg/L		1.9
Organic Carbon (C)-Dissolved	mg/L		1.8
Solids-Total Dissolved	mg/L		72
Solids-Total Suspended	mg/L	26.2	2
Organics			
HEPH (C19-C32 less PAH)	mg/L		<0.2
LEPH (C10-C19 less PAH)	mg/L		<0.2
EPH (C10-C19)	mg/L		<0.2
EPH (C19-C32)	mg/L		<0.2
Ethylene Glycol	mg/L		<3
Diethylene Glycol	mg/L		<5
Triethylene Glycol	mg/L		<5
Propylene Glycol	mg/L		<5
Acenaphthene	mg/L		<0.00005
Acenaphthylene	mg/L		<0.00005
Acridine	mg/L		<0.00005
Anthracene	mg/L		<0.00001
Benzo(a)anthracene	mg/L		<0.00001
Benzo(a)pyrene	mg/L		<0.000005
Benzo(b&j)fluoranthene	mg/L		<0.00003
Benzo(g,h,i)perylene	mg/L		<0.00005
Benzo(k)fluoranthene	mg/L		<0.00005
Chrysene	mg/L		<0.00002
Dibenz(a,h)anthracene	mg/L		<0.000003
Fluoranthene	mg/L		<0.00002
Fluorene	mg/L		<0.00005
Indeno(1,2,3-cd)pyrene	mg/L		<0.00005
1-Methylnaphthalene	mg/L		<0.00005
2-Methylnaphthalene	mg/L		<0.0001
Naphthalene	mg/L	0.001	<0.0001
Phenanthrene	mg/L		<0.00005
Pyrene	mg/L		<0.00002
Quinoline	mg/L		<0.00002
Low Molecular Weight PAH's	mg/L		<0.0001
High Molecular Weight PAH's	mg/L		<0.00005
Total PAH	mg/L		<0.0001

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.



BC Approved Water
Quality Guideline -
Freshwater Aquatic Life -
Short Term Max ¹

WLNG EOP
2025-06-10
10:45:00 ²

Analyte	Unit	
Organics (cont'd.)		
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
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

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.



BC Approved Water
Quality Guideline -
Freshwater Aquatic Life -
Short Term Max ¹ **WLNG EOP**
2025-06-10
10:45:00 ²

Analyte	Unit		
Organics (cont'd.)			
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	June 9 th to June 15 th , 2025
	Report #	64
	Appendix C	C-3

Woodfibre Site WTP Discharge Field Notes and Logs

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG-DS Date: June 10, 2025
Site Name: East Creek Time: 10:20
Site UTM: Zone: E: Crew: AF
(NAD83) N: Weather: Clear

In Situ Parameters

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

Visible Sheen: Y / N

Water Surface Condition: Clear Turbid Foaming Ice

Photo Record

Photo



Photo



Photo

Observations

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG-EOP Date: June 10, 2025
Site Name: East Creek Time: 10:45
Site UTM: Zone: E: Crew: JC
(NAD83) N: Weather: Clear, smokey

In Situ Parameters

pH: 6.77 DO: 2.6 (mg/L)
Temp.: 12.2 (°C) ORP: 44.2 (us)
Turbidity: 5.47 NTU
Visible Sheen: NA
Water Surface Condition: Clear

Photo Record

Photo



Photo

Photo

Observations

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG-US Date: June 10, 2025
Site Name: East Creek Time: 10:27
Site UTM: Zone: E Crew: JC
(NAD83) N: _____ Weather: Clear, smokey

In Situ Parameters

pH: 6.34 DO: 1.56 (mg/L)
Temp.: 13.6 (°C) ORP: 78.6 (mV)
Turbidity: 0.01 NTU
Visible Sheen: N
Water Surface Condition: Clear Foaming

Photo Record

Photo



Photo



Photo

Observations



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 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 June 09 was 319,418 m³.

Daily Volume Summary:

Table 1: Discharge Volumes Daily Summary

Date	Location	Volume (m3)	Comments
June 09	Woodfibre (WF)	2,815	Exceeded discharge volume limit
June 10	WF	2,643	Exceeded discharge volume limit
June 11	WF	2,572	Exceeded discharge volume limit
June 12	WF	2,110	Exceeded discharge volume limit
June 13	WF	2,098	Exceeded discharge volume limit
June 14	WF	2,065	Exceeded discharge volume limit
June 15	WF	2,155	Exceeded discharge volume limit
Total		16,458	None

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 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)
6/9/2025	0:00:00	7.2	2.479	0	319,418	12.4	115
6/9/2025	0:15:00	7.2	0.182	0	319,445	12.6	115
6/9/2025	0:30:00	7.2	2.400	0	319,479	12.4	114
6/9/2025	0:45:00	7.2	0.000	1.1	319,495	12.6	114
6/9/2025	1:00:00	7.1	2.562	0	319,509	12.5	114
6/9/2025	1:15:00	7.1	2.483	0	319,546	12.4	114
6/9/2025	1:30:00	7.2	2.434	0	319,583	12.3	115
6/9/2025	1:45:00	7.2	2.403	0	319,619	12.3	115
6/9/2025	2:00:00	7.2	1.734	0.1	319,653	12.4	115
6/9/2025	2:15:00	7.1	2.426	0.9	319,672	12.6	115
6/9/2025	2:30:00	7.2	2.483	4.7	319,709	12.4	115
6/9/2025	2:45:00	7.2	2.419	1.5	319,746	12.4	115
6/9/2025	3:00:00	7.2	1.007	6.2	319,764	12.7	114
6/9/2025	3:15:00	7.2	2.438	0.2	319,793	12.3	114
6/9/2025	3:30:00	7.2	2.445	0.3	319,813	12.3	114
6/9/2025	3:45:00	7.2	2.392	0	319,849	12.2	114
6/9/2025	4:00:00	7.2	2.400	0	319,885	12.2	114
6/9/2025	4:15:00	7.2	2.373	0	319,921	12.2	114
6/9/2025	4:30:00	7.1	2.438	2.1	319,941	12.6	115
6/9/2025	4:45:00	7.1	2.415	0	319,977	12.3	115
6/9/2025	5:00:00	7.1	2.366	0	320,013	12.3	115

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/9/2025	5:15:00	7.2	2.328	0	320,048	12.3	115
6/9/2025	5:30:00	7.1	1.855	0	320,073	12.5	115
6/9/2025	5:45:00	7.2	2.487	0	320,101	12.3	115
6/9/2025	6:00:00	7.2	2.426	0	320,137	12.3	115
6/9/2025	6:15:00	7.2	0.163	0	320,169	12.4	115
6/9/2025	6:30:00	7.1	2.350	0.1	320,196	12.3	115
6/9/2025	6:45:00	7.2	2.460	1	320,223	12.1	114
6/9/2025	7:00:00	7.2	1.457	0	320,252	12	114
6/9/2025	7:15:00	7.2	2.672	0	320,274	12	114
6/9/2025	7:30:00	7.2	2.570	0	320,313	12	114
6/9/2025	7:45:00	7.2	0.189	0	320,341	12.2	114
6/9/2025	8:00:00	7.2	2.494	0	320,375	12.1	114
6/9/2025	8:15:00	7.1	2.498	0	320,412	12.2	114
6/9/2025	8:30:00	7.1	1.805	2.1	320,433	12.5	115
6/9/2025	8:45:00	7.1	2.521	0.1	320,468	12.3	115
6/9/2025	9:00:00	7.1	2.456	0	320,505	12.4	115
6/9/2025	9:15:00	7.1	2.385	0.5	320,541	12.5	115
6/9/2025	9:30:00	7.2	0.295	0.6	320,575	12.6	115
6/9/2025	9:45:00	7.1	1.783	2	320,598	12.8	114
6/9/2025	10:00:00	7.1	2.422	1.8	320,630	12.8	115
6/9/2025	10:15:00	7.1	2.339	0.4	320,666	12.9	115
6/9/2025	10:30:00	7.1	0.117	0	320,689	13.2	114
6/9/2025	10:45:00	7.1	0.106	0.2	320,712	13.2	115
6/9/2025	11:00:00	7.1	0.401	2.3	320,734	13.3	117
6/9/2025	11:15:00	7.1	2.517	0.5	320,751	13.4	117

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/9/2025	11:30:00	7.1	2.487	0.4	320,789	13.1	116
6/9/2025	11:45:00	7.1	2.419	0.2	320,826	13.1	117
6/9/2025	12:00:00	7.1	2.362	0.6	320,862	13.2	114
6/9/2025	12:15:00	7.1	2.347	0.8	320,884	13.6	115
6/9/2025	12:30:00	7.1	2.426	2.5	320,916	13.3	115
6/9/2025	12:45:00	7.1	2.392	0	320,952	13.3	115
6/9/2025	13:00:00	7.1	0.163	0	320,971	13.7	115
6/9/2025	13:15:00	7.1	0.144	0	320,995	13.5	115
6/9/2025	13:30:00	7.1	2.313	0.1	321,015	13.5	115
6/9/2025	13:45:00	7.1	2.415	1	321,046	13.7	115
6/9/2025	14:00:00	7.1	2.332	0	321,081	13.5	115
6/9/2025	14:15:00	7.1	2.320	0	321,112	13.7	117
6/9/2025	14:30:00	7.1	2.441	0	321,144	13.9	117
6/9/2025	14:45:00	7.1	0.310	0	321,159	14.2	117
6/9/2025	15:00:00	7.1	2.631	0.5	321,191	13.6	117
6/9/2025	15:15:00	7.1	2.581	0	321,231	13.7	117
6/9/2025	15:30:00	7.1	2.525	0.3	321,269	13.7	117
6/9/2025	15:45:00	7.1	2.600	0	321,304	13.6	117
6/9/2025	16:00:00	7.1	2.517	0.2	321,342	13.5	116
6/9/2025	16:15:00	7.1	0.242	0	321,368	13.9	116
6/9/2025	16:30:00	7.1	2.536	0	321,391	13.7	117
6/9/2025	16:45:00	7.1	2.491	0	321,415	13.9	116
6/9/2025	17:00:00	7.1	2.441	0	321,452	13.7	117
6/9/2025	17:15:00	7.1	2.411	0	321,475	13.8	117
6/9/2025	17:30:00	7.1	1.877	0	321,510	13.7	117

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/9/2025	17:45:00	7.1	0.197	0	321,541	13.6	117
6/9/2025	18:00:00	7.1	2.472	0.5	321,570	13.6	117
6/9/2025	18:15:00	7.1	1.495	0	321,595	14	117
6/9/2025	18:30:00	7.1	0.481	0	321,630	13.5	117
6/9/2025	18:45:00	7.1	2.354	0	321,647	13.5	117
6/9/2025	19:00:00	7.1	2.468	0	321,680	13.3	117
6/9/2025	19:15:00	7.1	2.014	0	321,701	13.3	117
6/9/2025	19:30:00	7.1	2.544	0	321,740	13.1	117
6/9/2025	19:45:00	7.1	2.502	0.1	321,765	13.2	117
6/9/2025	20:00:00	7.1	2.426	0.5	321,802	13.1	117
6/9/2025	20:15:00	7.1	2.385	0.3	321,824	13	116
6/9/2025	20:30:00	7.1	2.509	1.8	321,854	12.7	116
6/9/2025	20:45:00	7.1	2.468	3.4	321,879	13	114
6/9/2025	21:00:00	7.1	0.000	1.7	321,915	12.7	116
6/9/2025	21:15:00	7.1	2.434	0.6	321,932	12.8	114
6/9/2025	21:30:00	7.1	2.392	1.9	321,956	13.1	114
6/9/2025	21:45:00	7.1	2.324	0.5	321,992	12.7	114
6/9/2025	22:00:00	7.1	2.540	0.1	322,020	12.6	114
6/9/2025	22:15:00	7.1	2.612	0.9	322,051	12.6	114
6/9/2025	22:30:00	7.1	2.566	1.6	322,090	12.6	114
6/9/2025	22:45:00	7.1	0.223	5.3	322,123	12.6	115
6/9/2025	23:00:00	7.1	2.502	1.8	322,153	12.6	114
6/9/2025	23:15:00	7.1	2.036	7.2	322,176	12.7	114
6/9/2025	23:30:00	7.1	2.540	1	322,209	12.5	114
6/9/2025	23:45:00	7.1	2.517	2.2	322,233	12.5	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/10/2025	0:00:00	7.1	2.475	1.5	322,270	12.4	114
6/10/2025	0:15:00	7.1	0.783	2.7	322,294	12.8	114
6/10/2025	0:30:00	7.1	0.178	1.5	322,320	12.7	115
6/10/2025	0:45:00	7.1	2.464	0.8	322,353	12.4	115
6/10/2025	1:00:00	7.1	2.532	1.2	322,374	12.6	115
6/10/2025	1:15:00	7.1	2.559	0	322,405	12.3	115
6/10/2025	1:30:00	7.1	2.491	0.1	322,430	12.3	115
6/10/2025	1:45:00	7.1	2.438	0.1	322,467	12.2	114
6/10/2025	2:00:00	7.1	2.487	0.1	322,496	12.2	115
6/10/2025	3:00:00	7.1	1.321	0.6	322,561	12.2	114
6/10/2025	3:30:00	7.1	2.441	7.4	322,615	12.3	114
6/10/2025	3:45:00	7.1	1.503	1.8	322,646	12.3	115
6/10/2025	4:15:00	7.1	2.570	1.9	322,699	12.5	115
6/10/2025	4:45:00	7.2	2.422	0	322,759	12.3	115
6/10/2025	5:00:00	7.2	2.350	0	322,794	12.2	115
6/10/2025	5:15:00	7.2	2.400	0.3	322,815	12.2	114
6/10/2025	5:45:00	7.1	2.544	1.4	322,863	12.1	115
6/10/2025	6:00:00	7.1	2.449	0.1	322,900	12.1	115
6/10/2025	6:30:00	7.1	1.344	0.5	322,956	12.2	115
6/10/2025	6:45:00	7.1	2.430	0.2	322,989	12.2	115
6/10/2025	7:00:00	7.1	1.283	1.1	323,011	12.3	115
6/10/2025	7:15:00	7.1	2.532	0.4	323,036	12.1	114
6/10/2025	7:30:00	7.1	2.566	0.8	323,061	12.1	114
6/10/2025	7:45:00	7.1	2.532	0.2	323,087	12.4	114
6/10/2025	8:00:00	7.1	2.479	0.4	323,124	12.1	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/10/2025	8:15:00	7.1	0.189	0	323,136	12.6	114
6/10/2025	8:30:00	7.1	0.515	1.3	323,166	12.3	114
6/10/2025	8:45:00	7.1	2.521	0	323,194	12.3	114
6/10/2025	9:00:00	7.1	2.449	0.3	323,231	12.4	114
6/10/2025	9:15:00	7.1	0.201	4.4	323,253	13	114
6/10/2025	9:30:00	7.1	2.419	1.8	323,282	13.7	113
6/10/2025	9:45:00	7.2	0.170	0.6	323,309	12.6	112
6/10/2025	10:00:00	7.2	2.441	0.6	323,333	12.4	112
6/10/2025	10:15:00	7.2	1.397	1.6	323,360	12.4	113
6/10/2025	10:30:00	7.2	2.574	2.2	323,380	12.5	113
6/10/2025	10:45:00	7.2	2.597	0.6	323,418	12.5	113
6/10/2025	11:00:00	7.2	0.208	0.4	323,448	12.9	113
6/10/2025	11:15:00	7.2	2.472	0.8	323,480	12.8	114
6/10/2025	11:30:00	7.2	0.795	4.8	323,510	13.1	114
6/10/2025	11:45:00	7.2	2.509	1.4	323,533	13	114
6/10/2025	12:00:00	7.1	2.426	0.1	323,548	13.4	114
6/10/2025	12:15:00	7.2	0.174	0	323,579	13.1	114
6/10/2025	12:30:00	7.1	2.388	0	323,606	13.1	114
6/10/2025	12:45:00	7.1	1.760	1.1	323,628	13.2	114
6/10/2025	13:00:00	7.2	2.434	0.4	323,662	13.2	115
6/10/2025	13:15:00	7.2	2.388	0	323,698	13.2	114
6/10/2025	13:30:00	7.2	2.328	0	323,733	13.2	115
6/10/2025	13:45:00	7.2	1.877	0	323,766	13.4	114
6/10/2025	14:00:00	7.2	0.507	0.4	323,792	13.1	115
6/10/2025	14:15:00	7.2	1.071	0	323,815	13	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/10/2025	14:30:00	7.2	2.245	0.2	323,845	13	114
6/10/2025	14:45:00	7.2	2.176	0.1	323,865	13.3	114
6/10/2025	15:00:00	7.2	2.142	0.6	323,898	13.1	114
6/10/2025	15:15:00	7.2	0.939	0.3	323,923	13	117
6/10/2025	15:30:00	7.2	2.161	1.3	323,951	12.9	115
6/10/2025	15:45:00	7.2	2.150	0.7	323,983	12.8	115
6/10/2025	16:00:00	7.2	2.108	1.5	324,015	12.7	115
6/10/2025	16:15:00	7.2	0.182	1.3	324,041	12.9	115
6/10/2025	16:30:00	7.2	2.029	1.6	324,063	12.9	116
6/10/2025	16:45:00	7.2	1.968	1.3	324,093	12.8	115
6/10/2025	17:00:00	7.2	1.908	1.7	324,122	12.9	115
6/10/2025	17:15:00	7.2	2.025	3.8	324,148	13	115
6/10/2025	17:30:00	7.2	2.328	0.5	324,178	13.1	115
6/10/2025	17:45:00	7.2	0.189	0.1	324,206	13.3	115
6/10/2025	18:00:00	7.2	2.165	0.7	324,229	13.1	115
6/10/2025	18:15:00	7.2	2.222	2.2	324,255	12.9	115
6/10/2025	18:30:00	7.2	2.347	0.1	324,282	13.1	115
6/10/2025	18:45:00	7.2	2.313	0	324,317	13.3	115
6/10/2025	19:00:00	7.2	2.263	0	324,351	13.3	115
6/10/2025	19:15:00	7.2	2.245	1.1	324,370	13.5	114
6/10/2025	19:30:00	7.2	2.218	0.3	324,404	13.3	114
6/10/2025	19:45:00	7.2	0.352	0.5	324,437	12.9	114
6/10/2025	20:00:00	7.2	1.200	8.7	324,459	12.6	115
6/10/2025	20:15:00	7.2	2.400	0.2	324,492	12.4	114
6/10/2025	20:30:00	7.2	2.483	1.1	324,521	12.3	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/10/2025	20:45:00	7.2	2.445	1	324,558	12.3	114
6/10/2025	21:00:00	7.2	2.381	0.6	324,594	12.3	114
6/10/2025	21:15:00	7.2	2.332	1.4	324,616	12.3	114
6/10/2025	21:30:00	7.2	2.525	1.9	324,639	12.1	114
6/10/2025	21:45:00	7.2	0.413	0.7	324,676	12.2	114
6/10/2025	22:00:00	7.2	2.415	1.4	324,701	12.2	114
6/10/2025	22:15:00	7.2	0.901	1.6	324,729	12	114
6/10/2025	22:30:00	7.2	2.491	1	324,765	12.1	114
6/10/2025	22:45:00	7.2	1.090	2.7	324,785	12.5	114
6/10/2025	23:00:00	7.2	2.472	1.5	324,814	12.2	114
6/10/2025	23:15:00	7.2	2.396	2.7	324,850	12.3	114
6/10/2025	23:30:00	7.2	2.472	1	324,878	12.2	114
6/10/2025	23:45:00	7.2	2.369	1.9	324,914	12.3	114
6/11/2025	0:00:00	7.2	2.301	0.9	324,949	12.3	115
6/11/2025	0:15:00	7.2	2.419	1.7	324,970	12.6	115
6/11/2025	0:30:00	7.2	1.745	0.4	325,006	12.5	115
6/11/2025	0:45:00	7.2	2.445	2.3	325,035	12.4	115
6/11/2025	1:00:00	7.2	2.358	0.3	325,059	12.3	115
6/11/2025	1:15:00	7.1	2.313	0.6	325,094	12.2	115
6/11/2025	1:30:00	7.1	1.030	3	325,114	12.6	115
6/11/2025	1:45:00	7.1	1.836	2.7	325,139	12.1	115
6/11/2025	2:00:00	7.1	2.456	1	325,175	12.1	115
6/11/2025	2:15:00	7.1	2.392	1.2	325,197	12.2	115
6/11/2025	2:30:00	7.2	0.174	0.8	325,228	12.3	115
6/11/2025	2:45:00	7.2	2.275	0.7	325,256	12.2	115

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/11/2025	3:00:00	7.2	1.090	1.2	325,278	12	115
6/11/2025	3:15:00	7.2	2.456	0.7	325,298	12.1	114
6/11/2025	3:30:00	7.2	2.385	1.9	325,334	12	114
6/11/2025	3:45:00	7.2	2.339	1.2	325,358	12	114
6/11/2025	4:00:00	7.2	1.722	0.8	325,392	12	115
6/11/2025	4:15:00	7.1	2.403	3.1	325,411	12.2	115
6/11/2025	4:30:00	7.1	2.407	0.5	325,423	11.9	115
6/11/2025	4:45:00	7.1	2.373	1.6	325,445	12.1	115
6/11/2025	5:00:00	7.1	2.316	0.6	325,481	12	115
6/11/2025	5:45:00	7.1	2.464	3.6	325,543	11.9	115
6/11/2025	6:15:00	7.1	2.343	0.4	325,599	12.1	115
6/11/2025	6:30:00	7.2	2.494	1.2	325,628	12	115
6/11/2025	6:45:00	7.1	2.487	0	325,652	12.4	115
6/11/2025	7:00:00	7.1	1.885	0	325,685	12.3	115
6/11/2025	7:15:00	7.1	2.456	0.4	325,707	12.2	115
6/11/2025	7:45:00	7.2	1.041	0.4	325,753	11.9	114
6/11/2025	8:00:00	7.2	2.381	0.6	325,789	12	115
6/11/2025	8:15:00	7.2	0.848	0.7	325,823	12.1	115
6/11/2025	8:30:00	7.1	1.219	2.3	325,840	12.2	115
6/11/2025	8:45:00	7.2	1.026	1.9	325,864	12.1	114
6/11/2025	9:00:00	7.2	2.521	0.9	325,900	12.2	114
6/11/2025	9:30:00	7.2	1.442	1.1	325,950	12.3	114
6/11/2025	9:45:00	7.2	1.446	2.9	325,965	12.3	114
6/11/2025	10:00:00	7.2	2.570	1.1	325,990	12.3	114
6/11/2025	10:15:00	7.2	2.532	1.3	326,029	12.3	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/11/2025	10:30:00	7.2	2.468	3.3	326,066	12.5	114
6/11/2025	11:00:00	7.2	2.456	1.6	326,126	12.7	115
6/11/2025	11:15:00	7.2	2.411	4.2	326,162	12.9	115
6/11/2025	11:45:00	7.2	2.335	0.8	326,221	12.9	114
6/11/2025	12:00:00	7.2	2.282	1.4	326,256	12.9	115
6/11/2025	12:15:00	7.2	2.320	1.8	326,276	12.9	115
6/11/2025	12:30:00	7.2	2.252	1.8	326,310	12.8	115
6/11/2025	13:00:00	7.2	2.362	2.1	326,356	12.7	116
6/11/2025	13:15:00	7.2	2.407	400.4	326,387	12.9	116
6/11/2025	13:30:00	7.2	2.350	2.7	326,408	12.5	114
6/11/2025	13:45:00	7.2	2.282	1.7	326,443	12.4	114
6/11/2025	14:00:00	7.2	1.628	0.5	326,477	12.5	114
6/11/2025	14:15:00	7.2	0.424	1.7	326,509	12.7	114
6/11/2025	14:30:00	7.2	2.373	2	326,533	12.8	114
6/11/2025	14:45:00	7.2	2.305	2.7	326,568	12.9	114
6/11/2025	15:00:00	7.2	2.282	4.2	326,603	12.9	115
6/11/2025	15:15:00	7.2	2.392	6.4	326,635	13.1	115
6/11/2025	15:30:00	7.2	2.313	1.5	326,670	13.1	115
6/11/2025	15:45:00	7.2	1.805	3	326,703	13.1	115
6/11/2025	16:00:00	7.2	2.316	0.9	326,726	13.1	114
6/11/2025	16:15:00	7.2	2.245	1.2	326,761	12.8	115
6/11/2025	16:30:00	7.2	2.226	2.3	326,774	13	115
6/11/2025	16:45:00	7.2	0.151	1.5	326,795	13.1	114
6/11/2025	17:45:00	7.2	2.263	1.8	326,844	12.9	115
6/11/2025	18:00:00	7.2	2.210	0.5	326,877	12.9	115

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/11/2025	18:15:00	7.2	2.176	0.9	326,910	12.8	116
6/11/2025	18:30:00	7.2	1.552	7.5	326,939	12.6	115
6/11/2025	18:45:00	7.2	2.407	3.9	326,974	12.6	115
6/11/2025	19:15:00	7.2	1.491	11.7	326,998	13.4	115
6/11/2025	19:30:00	7.2	2.332	1.1	327,030	12.4	114
6/11/2025	19:45:00	7.2	2.305	1.3	327,050	12.4	114
6/11/2025	20:00:00	7.2	2.388	1.7	327,084	12.3	115
6/11/2025	20:15:00	7.2	2.282	2.7	327,119	12.5	115
6/11/2025	20:30:00	7.2	2.449	1.3	327,149	12.3	115
6/11/2025	20:45:00	7.2	2.570	1.2	327,181	12.3	115
6/11/2025	21:00:00	7.2	2.479	1.3	327,219	12.2	115
6/11/2025	21:15:00	7.2	2.456	0.6	327,243	12.1	115
6/11/2025	21:30:00	7.2	1.086	3	327,265	12	115
6/11/2025	21:45:00	7.2	2.631	1.8	327,289	11.8	115
6/11/2025	22:15:00	7.2	2.570	1.5	327,353	11.8	115
6/11/2025	22:30:00	7.2	2.574	1.7	327,377	11.8	116
6/11/2025	23:00:00	7.2	2.593	3.3	327,437	11.8	115
6/11/2025	23:15:00	7.2	2.578	2.8	327,459	12	115
6/11/2025	23:30:00	7.2	2.547	1	327,497	11.8	115
6/11/2025	23:45:00	7.2	2.525	2.1	327,521	11.8	117
6/12/2025	0:15:00	7.2	2.574	2.5	327,579	11.8	115
6/12/2025	0:30:00	7.2	2.574	1.8	327,601	11.8	116
6/12/2025	0:45:00	7.2	2.509	2.7	327,639	11.8	117
6/12/2025	1:00:00	7.2	2.517	3.5	327,659	11.8	117
6/12/2025	1:15:00	7.2	2.547	6.9	327,694	11.9	117

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/12/2025	1:30:00	7.1	1.949	2.8	327,709	12.1	115
6/12/2025	1:45:00	7.1	2.555	3	327,733	12.1	116
6/12/2025	2:00:00	7.2	2.487	2.2	327,771	12	116
6/12/2025	2:15:00	7.2	2.430	2.4	327,807	12	116
6/12/2025	2:30:00	7.2	2.472	1.2	327,831	12.1	117
6/12/2025	2:45:00	7.2	2.385	4.1	327,867	12.1	115
6/12/2025	3:15:00	7.2	2.494	0.7	327,921	12	115
6/12/2025	3:30:00	7.2	2.051	1.9	327,943	12.2	117
6/12/2025	3:45:00	7.2	2.498	0.9	327,976	11.8	115
6/12/2025	4:00:00	7.1	2.498	1	327,997	11.9	116
6/12/2025	4:30:00	7	2.506	0.8	328,055	11.8	116
6/12/2025	5:00:00	7	2.494	2.6	328,116	11.8	117
6/12/2025	5:15:00	6.9	2.479	3.9	328,138	11.9	117
6/12/2025	5:30:00	6.9	1.862	10	328,160	12.2	116
6/12/2025	6:00:00	6.9	2.502	1.8	328,217	11.8	115
6/12/2025	6:15:00	6.9	2.456	3.3	328,238	11.9	115
6/12/2025	6:45:00	7	2.426	1.4	328,297	11.7	116
6/12/2025	7:00:00	7	1.983	1.7	328,317	11.8	115
6/12/2025	7:45:00	7	2.513	2.2	328,389	11.7	114
6/12/2025	8:00:00	7	2.521	2.9	328,410	11.9	114
6/12/2025	8:15:00	7	2.509	4	328,443	11.8	114
6/12/2025	8:30:00	7	1.336	3	328,457	12.1	114
6/12/2025	8:45:00	7	2.559	1.2	328,489	11.8	114
6/12/2025	9:00:00	7.1	2.498	2	328,527	11.9	115
6/12/2025	9:15:00	7.1	2.419	2	328,564	12	115

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/12/2025	9:30:00	7.1	1.983	6.7	328,582	12.5	115
6/12/2025	10:00:00	7.1	2.385	5.4	328,621	12	115
6/12/2025	10:15:00	7.1	2.316	6.2	328,657	12	115
6/12/2025	10:30:00	7.1	2.252	6.6	328,691	12	117
6/12/2025	10:45:00	7.1	2.207	6.3	328,724	12.1	116
6/12/2025	11:00:00	7.1	2.286	6.7	328,742	12.2	115
6/12/2025	11:15:00	7.1	2.226	6.4	328,776	12.1	115
6/12/2025	11:30:00	7.1	2.252	9.7	328,791	12.6	115
6/12/2025	11:45:00	7.1	2.192	7.4	328,824	12.3	114
6/12/2025	12:00:00	7.1	1.938	3.5	328,844	12.4	114
6/12/2025	12:15:00	7.1	2.104	3.8	328,874	12.3	114
6/12/2025	12:30:00	7.1	2.203	3.5	328,907	12.1	114
6/12/2025	12:45:00	7.1	2.260	3.5	328,940	12.1	114
6/12/2025	13:00:00	7.1	2.453	5.7	328,951	12.3	114
6/12/2025	13:15:00	7.1	2.347	2.9	328,987	12.1	115
6/12/2025	13:45:00	7.1	2.275	4	329,039	12.1	115
6/12/2025	14:00:00	7.1	1.904	5.8	329,070	12.3	114
6/12/2025	14:15:00	7.1	2.188	2.7	329,103	12.2	114
6/12/2025	14:45:00	7.1	2.203	2.6	329,147	12.2	115
6/12/2025	15:00:00	7.1	1.215	5.5	329,174	12.1	115
6/12/2025	15:15:00	7.1	2.373	1.9	329,203	12.1	115
6/12/2025	15:30:00	7.1	0.825	3.2	329,231	12.5	115
6/12/2025	15:45:00	7.1	1.575	3.1	329,255	12.3	115
6/12/2025	16:15:00	7.1	2.385	0.9	329,314	12.2	115
6/12/2025	16:45:00	7.1	2.309	5.6	329,369	12.1	116

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/12/2025	17:00:00	7.1	1.893	2.9	329,401	12.2	115
6/12/2025	17:15:00	7.1	2.271	1.7	329,435	12.1	115
6/12/2025	17:30:00	7.1	2.343	10.3	329,463	12.2	117
6/12/2025	17:45:00	7.1	2.248	2.4	329,497	12.2	115
6/12/2025	18:30:00	7.1	2.328	2.1	329,565	12.1	115
6/12/2025	18:45:00	7.1	2.033	2.8	329,598	12.3	115
6/12/2025	19:00:00	7.1	1.809	1.8	329,630	12.2	114
6/12/2025	19:30:00	7.1	2.316	1.4	329,682	12.4	114
6/12/2025	19:45:00	7.1	2.245	1.3	329,717	12.3	114
6/12/2025	20:00:00	7.1	2.218	1.4	329,750	12.2	115
6/12/2025	20:15:00	7.1	0.818	2.7	329,764	11.8	115
6/12/2025	20:45:00	7.1	2.498	3.3	329,820	11.9	115
6/12/2025	21:00:00	7.1	2.441	5.8	329,856	11.9	115
6/12/2025	21:15:00	7.1	0.995	3.8	329,884	11.7	115
6/12/2025	21:30:00	7.1	2.509	3.3	329,907	11.6	115
6/12/2025	21:45:00	-0.4	2.422	393.8	329,943	12.5	117
6/12/2025	22:15:00	7.4	2.350	2.1	329,997	11.9	115
6/12/2025	22:30:00	7.4	2.388	1.9	330,029	11.9	117
6/12/2025	22:45:00	7.4	0.833	2.6	330,059	11.8	116
6/12/2025	23:15:00	7.4	2.438	1.7	330,108	11.7	115
6/12/2025	23:30:00	7.4	1.934	2	330,144	11.7	115
6/12/2025	23:45:00	7.4	2.422	3.5	330,174	11.7	117
6/13/2025	0:15:00	7.4	2.445	1.9	330,219	11.7	115
6/13/2025	0:30:00	7.4	2.354	2.2	330,255	11.7	114
6/13/2025	0:45:00	7.4	0.912	1.4	330,273	11.5	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/13/2025	1:15:00	7.5	2.419	2.6	330,327	11.7	117
6/13/2025	1:30:00	7.5	2.343	3.6	330,363	11.7	115
6/13/2025	1:45:00	7.5	0.723	3.9	330,394	11.7	117
6/13/2025	2:00:00	7.5	2.559	4.5	330,410	11.5	115
6/13/2025	2:30:00	7.4	2.350	0.6	330,460	11.8	116
6/13/2025	2:45:00	7.4	2.483	2.9	330,498	11.8	115
6/13/2025	3:00:00	7.4	2.468	3.1	330,523	11.8	116
6/13/2025	3:15:00	7.4	2.544	1.3	330,550	11.8	115
6/13/2025	3:30:00	7.4	2.407	1.4	330,587	11.9	117
6/13/2025	3:45:00	7.4	2.332	1.1	330,622	11.9	116
6/13/2025	4:00:00	7.4	2.260	0.6	330,657	12	116
6/13/2025	4:15:00	7.4	0.719	1.4	330,684	11.7	117
6/13/2025	4:30:00	7.4	2.460	0.9	330,700	11.6	116
6/13/2025	4:45:00	7.5	2.396	1.2	330,737	11.8	117
6/13/2025	5:00:00	7.4	2.339	2.2	330,772	11.8	117
6/13/2025	5:15:00	7.4	2.286	4.1	330,807	11.8	115
6/13/2025	5:45:00	7.4	0.852	2.6	330,860	11.7	115
6/13/2025	6:00:00	7.4	2.513	2.1	330,874	11.8	115
6/13/2025	6:15:00	7.4	2.347	1.5	330,910	11.7	115
6/13/2025	6:30:00	7.4	2.335	2.2	330,945	11.7	115
6/13/2025	6:45:00	7.4	2.343	4.8	330,958	11.8	114
6/13/2025	7:00:00	7.4	2.347	2.4	330,993	11.7	114
6/13/2025	7:15:00	7.4	2.422	1	331,018	11.6	114
6/13/2025	7:30:00	7.4	2.388	2.7	331,049	11.6	114
6/13/2025	7:45:00	7.4	1.741	3.4	331,082	11.9	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/13/2025	8:15:00	7.4	0.519	3.9	331,110	12.3	114
6/13/2025	8:30:00	7.4	0.519	3.1	331,116	12.9	115
6/13/2025	8:45:00	7.4	1.431	2.4	331,151	11.8	117
6/13/2025	9:00:00	7.3	1.363	2	331,178	11.6	115
6/13/2025	9:15:00	7.4	2.494	1.4	331,196	11.9	112
6/13/2025	9:30:00	7.4	2.400	1.5	331,233	11.5	111
6/13/2025	9:45:00	7.4	2.339	2.2	331,268	11.5	112
6/13/2025	10:00:00	7.4	1.760	2.3	331,274	12.1	111
6/13/2025	10:15:00	7.4	2.366	2.7	331,309	11.5	112
6/13/2025	10:30:00	7.5	2.400	2.3	331,341	11.6	112
6/13/2025	10:45:00	7.5	2.320	1.8	331,376	11.7	113
6/13/2025	11:00:00	7.5	2.275	2.1	331,411	11.8	114
6/13/2025	11:15:00	7.5	2.426	5.5	331,442	11.8	114
6/13/2025	11:30:00	7.5	2.332	2.3	331,478	11.9	114
6/13/2025	11:45:00	7.5	2.407	5.2	331,509	12	114
6/13/2025	12:00:00	7.4	2.358	4.7	331,522	12.1	114
6/13/2025	12:15:00	7.5	0.155	0.5	331,548	12.1	114
6/13/2025	12:30:00	7.5	2.309	2	331,572	11.9	114
6/13/2025	12:45:00	7.5	2.256	2.2	331,606	11.9	114
6/13/2025	13:00:00	7.5	1.696	2.9	331,637	12.1	114
6/13/2025	13:15:00	7.5	2.297	1.3	331,669	12	115
6/13/2025	13:30:00	7.5	0.155	1.9	331,691	12.2	115
6/13/2025	13:45:00	7.5	2.309	7.7	331,701	12.3	115
6/13/2025	14:00:00	7.5	1.162	2.4	331,734	12	115
6/13/2025	14:15:00	7.5	1.378	2.8	331,760	12.1	115

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/13/2025	14:30:00	7.5	1.980	1.7	331,781	12	115
6/13/2025	14:45:00	7.6	0.000	1	331,807	12.2	115
6/13/2025	15:00:00	7.6	0.000	0.1	331,807	12.7	115
6/13/2025	15:15:00	7.5	2.434	1.5	331,826	12.1	115
6/13/2025	15:30:00	7.6	2.252	1.4	331,858	11.9	114
6/13/2025	15:45:00	7.5	2.320	2.9	331,888	12	115
6/13/2025	16:00:00	7.5	2.263	1.1	331,915	11.9	114
6/13/2025	16:15:00	7.5	2.161	0.7	331,935	12.3	114
6/13/2025	16:30:00	7.5	2.332	1.6	331,964	11.9	115
6/13/2025	16:45:00	7.5	2.226	0.3	331,998	12	115
6/13/2025	17:00:00	7.5	2.131	0.2	332,031	12.1	115
6/13/2025	17:15:00	7.6	0.148	2.1	332,052	12.3	115
6/13/2025	17:30:00	7.6	0.212	0.5	332,075	12.1	115
6/13/2025	17:45:00	7.6	1.014	9.2	332,092	12	115
6/13/2025	18:00:00	7.6	2.180	0.4	332,119	11.9	115
6/13/2025	18:15:00	7.6	2.063	0.2	332,151	12	115
6/13/2025	18:30:00	7.6	2.203	5.7	332,172	12	115
6/13/2025	18:45:00	7.6	2.256	0.3	332,206	12	115
6/13/2025	19:00:00	7.5	2.154	0	332,239	12.2	263
6/13/2025	19:15:00	7.5	2.207	0.5	332,268	12.6	261
6/13/2025	19:30:00	7.5	2.260	0.3	332,298	12	261
6/13/2025	19:45:00	7.5	2.180	0.6	332,331	12	263
6/13/2025	20:00:00	7.5	0.613	2.7	332,352	11.8	263
6/13/2025	20:15:00	7.5	2.320	4.2	332,386	11.9	263
6/13/2025	20:30:00	7.5	2.585	1.8	332,409	11.7	264

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/13/2025	20:45:00	7.4	2.536	1.9	332,447	11.8	264
6/13/2025	21:00:00	7.4	0.473	2.7	332,475	11.7	264
6/13/2025	21:15:00	7.4	2.615	2	332,509	11.8	264
6/13/2025	21:30:00	7.4	0.859	3.6	332,544	11.7	264
6/13/2025	21:45:00	7.4	2.638	1.8	332,575	11.7	264
6/13/2025	22:00:00	7.4	2.547	1.8	332,614	11.7	264
6/13/2025	22:15:00	7.4	2.070	1.6	332,651	11.7	264
6/13/2025	22:30:00	7.4	2.653	2.3	332,678	11.6	264
6/13/2025	22:45:00	7.4	2.173	1.9	332,693	12	264
6/13/2025	23:00:00	7.4	2.593	3.3	332,721	11.7	264
6/13/2025	23:15:00	7.4	0.931	1.3	332,748	11.5	114
6/13/2025	23:30:00	7.4	0.352	2.5	332,782	11.6	266
6/13/2025	23:45:00	7.4	2.483	2.1	332,812	11.6	264
6/14/2025	0:00:00	7.4	2.687	2.1	332,838	11.5	266
6/14/2025	0:15:00	7.4	2.600	4.9	332,867	11.7	266
6/14/2025	0:30:00	7.4	2.044	5.6	332,905	11.6	264
6/14/2025	1:00:00	7.4	2.195	2.4	332,964	11.7	264
6/14/2025	1:15:00	7.4	2.702	2.5	332,990	11.7	264
6/14/2025	1:30:00	7.4	2.544	2.6	333,029	11.6	264
6/14/2025	1:45:00	7.4	2.426	3.3	333,053	11.6	112
6/14/2025	2:00:00	7.4	2.559	5.4	333,079	11.5	112
6/14/2025	2:15:00	7.4	1.060	8.1	333,098	11.5	112
6/14/2025	2:45:00	7.4	1.143	5.8	333,154	11.6	112
6/14/2025	3:15:00	7.4	1.022	4.9	333,197	11.4	114
6/14/2025	3:30:00	7.4	2.612	5.7	333,223	11.6	112

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/14/2025	3:45:00	7.4	1.196	12	333,258	11.6	114
6/14/2025	4:00:00	7.5	2.544	3.1	333,288	11.6	114
6/14/2025	4:15:00	7.4	1.083	4.1	333,314	11.6	114
6/14/2025	4:30:00	7.4	2.347	3.5	333,349	11.7	114
6/14/2025	4:45:00	7.4	0.617	7.3	333,381	11.7	114
6/14/2025	5:00:00	7.4	2.638	5.8	333,409	11.6	114
6/14/2025	5:15:00	7.4	2.078	4.5	333,428	12	112
6/14/2025	5:45:00	7.4	0.897	16.3	333,467	11.8	112
6/14/2025	6:00:00	7.4	2.627	4.4	333,489	11.5	112
6/14/2025	6:15:00	7.4	2.570	5.8	333,514	11.6	112
6/14/2025	6:30:00	7.4	1.086	4.5	333,541	11.4	112
6/14/2025	6:45:00	7.4	1.435	5.9	333,578	11.4	112
6/14/2025	7:00:00	7.4	2.608	4.7	333,599	11.5	112
6/14/2025	7:15:00	7.4	2.559	4.5	333,638	11.4	112
6/14/2025	7:30:00	7.4	2.078	18.9	333,667	11.4	112
6/14/2025	7:45:00	7.4	1.139	7.5	333,703	11.4	112
6/14/2025	8:00:00	7.4	0.254	6.3	333,730	11.4	112
6/14/2025	8:15:00	7.4	2.559	5.1	333,761	11.4	112
6/14/2025	8:30:00	7.5	0.284	6.8	333,788	11.7	114
6/14/2025	8:45:00	7.5	0.564	6.4	333,822	11.6	114
6/14/2025	9:15:00	7.9	1.783	4.5	333,848	11.5	266
6/14/2025	10:00:00	7.7	2.403	8.4	333,866	12	113
6/14/2025	10:15:00	7.7	2.494	5.6	333,884	11.8	112
6/14/2025	10:30:00	7.7	0.674	0.3	333,916	11.6	112
6/14/2025	10:45:00	7.6	2.449	0.2	333,940	11.5	112

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/14/2025	11:15:00	7.7	0.170	1.6	333,975	11.8	113
6/14/2025	11:30:00	7.6	2.517	0.4	334,000	11.6	112
6/14/2025	11:45:00	7.6	2.456	0.5	334,037	11.6	112
6/14/2025	12:00:00	7.6	2.513	0.4	334,058	11.7	112
6/14/2025	12:15:00	7.6	0.163	0.2	334,087	11.7	114
6/14/2025	12:30:00	7.7	2.426	1.1	334,120	11.6	115
6/14/2025	12:45:00	7.7	1.885	1.9	334,137	11.8	114
6/14/2025	13:00:00	7.7	0.231	2.3	334,154	11.9	114
6/14/2025	13:15:00	7.6	2.438	1	334,190	11.7	114
6/14/2025	13:30:00	7.6	2.400	0.5	334,226	11.7	114
6/14/2025	13:45:00	7.5	2.441	0	334,250	11.8	114
6/14/2025	14:00:00	7.4	2.612	0.1	334,279	11.8	114
6/14/2025	14:15:00	7.4	1.662	0.3	334,317	12	114
6/14/2025	14:30:00	7.5	0.310	0.4	334,343	12	114
6/14/2025	14:45:00	7.5	2.483	0.3	334,373	12	114
6/14/2025	15:00:00	7.5	1.026	0.4	334,387	12.5	261
6/14/2025	15:15:00	7.5	2.589	0.1	334,416	12.1	114
6/14/2025	15:30:00	7.5	2.544	0.5	334,455	12.1	115
6/14/2025	15:45:00	7.5	2.525	0.6	334,493	12.1	114
6/14/2025	16:00:00	7.5	2.048	0.2	334,525	12.2	115
6/14/2025	16:15:00	7.5	2.509	1	334,561	12.2	114
6/14/2025	16:30:00	7.5	2.472	4.4	334,598	12.3	114
6/14/2025	16:45:00	7.5	2.021	0	334,624	12.3	114
6/14/2025	17:00:00	7.5	0.276	0.1	334,642	12.6	114
6/14/2025	17:15:00	7.6	0.148	0.7	334,672	12.3	115

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/14/2025	17:30:00	7.5	2.487	0	334,693	12.3	114
6/14/2025	17:45:00	7.6	1.832	0.2	334,717	12.6	114
6/14/2025	18:00:00	7.5	2.513	1.7	334,751	12.4	115
6/14/2025	18:15:00	7.6	2.472	1	334,789	12.4	115
6/14/2025	18:30:00	7.5	1.987	0	334,812	12.5	261
6/14/2025	18:45:00	7.5	2.494	0	334,848	12.2	114
6/14/2025	19:00:00	7.5	0.469	0	334,881	12.3	115
6/14/2025	19:15:00	7.5	2.021	0	334,907	12.2	115
6/14/2025	19:30:00	7.5	2.472	0	334,923	12.3	115
6/14/2025	19:45:00	7.5	2.434	0	334,960	12.1	115
6/14/2025	20:00:00	7.5	2.419	0.6	334,984	12.1	115
6/14/2025	20:15:00	7.5	2.532	0	335,015	11.9	115
6/14/2025	20:30:00	7.5	2.483	0.3	335,053	11.9	115
6/14/2025	20:45:00	7.5	2.487	0.2	335,079	12.1	115
6/14/2025	21:00:00	7.4	1.317	1.1	335,101	11.8	114
6/14/2025	21:15:00	7.4	2.494	0.4	335,137	11.7	115
6/14/2025	21:30:00	7.4	2.483	0.3	335,174	11.7	114
6/14/2025	21:45:00	7.5	2.029	0.3	335,202	11.7	114
6/14/2025	22:00:00	7.5	2.494	0.9	335,233	11.6	114
6/14/2025	22:15:00	7.5	2.509	0.7	335,251	11.7	114
6/14/2025	22:30:00	7.5	0.178	0.9	335,282	11.6	114
6/14/2025	22:45:00	7.5	2.502	0.4	335,310	11.5	113
6/14/2025	23:00:00	7.5	2.506	2.2	335,335	11.6	114
6/14/2025	23:15:00	7.5	2.487	1.7	335,372	11.5	114
6/14/2025	23:30:00	7.4	1.177	2.5	335,400	11.4	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/14/2025	23:45:00	7.4	2.506	0.8	335,437	11.5	114
6/15/2025	0:00:00	7.4	2.570	1.6	335,463	11.5	114
6/15/2025	0:15:00	7.4	1.597	3.9	335,499	11.4	114
6/15/2025	0:30:00	7.5	0.208	1.6	335,525	11.5	114
6/15/2025	0:45:00	7.5	0.341	1.8	335,549	11.6	266
6/15/2025	1:00:00	7.4	2.532	2.2	335,571	11.6	264
6/15/2025	1:15:00	7.5	2.566	2	335,595	11.8	264
6/15/2025	1:30:00	7.4	2.521	1.2	335,633	11.6	264
6/15/2025	1:45:00	7.4	0.170	1.5	335,664	11.7	264
6/15/2025	2:00:00	7.4	2.036	0.6	335,688	11.6	264
6/15/2025	2:15:00	7.4	2.540	0.2	335,714	11.5	261
6/15/2025	2:30:00	7.5	2.513	1	335,741	11.7	112
6/15/2025	2:45:00	7.4	1.329	6.4	335,775	11.4	112
6/15/2025	3:00:00	7.5	2.555	0.8	335,794	11.4	112
6/15/2025	3:15:00	7.4	2.536	1.2	335,832	11.4	112
6/15/2025	3:30:00	7.4	2.517	1.9	335,859	11.4	112
6/15/2025	3:45:00	7.4	2.551	1.8	335,881	11.7	112
6/15/2025	4:00:00	7.4	2.506	1.5	335,910	11.3	112
6/15/2025	4:15:00	7.4	2.513	2	335,937	11.3	112
6/15/2025	4:30:00	7.4	1.389	1.6	335,965	11.3	112
6/15/2025	4:45:00	7.5	0.201	1.5	335,999	11.4	112
6/15/2025	5:00:00	7.5	2.438	0.4	336,025	11.4	113
6/15/2025	5:15:00	7.5	2.025	2	336,047	11.5	112
6/15/2025	5:30:00	7.5	0.208	0.7	336,075	11.5	113
6/15/2025	5:45:00	7.5	2.456	0.8	336,106	11.3	112

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/15/2025	6:00:00	7.5	0.269	0.2	336,126	11.5	112
6/15/2025	6:15:00	7.5	2.570	0.5	336,158	11.4	112
6/15/2025	6:30:00	7.5	0.257	0.5	336,179	11.6	112
6/15/2025	6:45:00	7.5	2.544	1.7	336,199	11.6	112
6/15/2025	7:00:00	7.5	2.112	0.8	336,231	11.4	111
6/15/2025	7:15:00	7.5	2.566	2.1	336,258	11.3	111
6/15/2025	7:30:00	7.5	0.568	0.8	336,284	11.3	111
6/15/2025	7:45:00	7.4	1.370	3.3	336,318	11.2	111
6/15/2025	8:00:00	7.4	2.445	0.5	336,343	11.2	111
6/15/2025	8:15:00	7.4	2.445	0.9	336,380	11.4	112
6/15/2025	8:30:00	7.5	0.246	1.5	336,403	11.6	112
6/15/2025	8:45:00	7.4	0.250	1.1	336,416	11.7	112
6/15/2025	9:00:00	7.4	2.441	1.3	336,446	11.5	114
6/15/2025	9:15:00	7.5	2.453	1	336,470	11.7	114
6/15/2025	9:30:00	7.5	2.438	1.8	336,503	11.7	114
6/15/2025	9:45:00	7.5	2.426	0.3	336,540	11.6	114
6/15/2025	10:00:00	7.5	2.449	1.2	336,562	11.9	114
6/15/2025	10:15:00	7.5	1.972	1.4	336,597	11.9	114
6/15/2025	10:30:00	7.5	0.167	0.2	336,619	12.2	114
6/15/2025	10:45:00	7.4	2.415	0.6	336,637	12	114
6/15/2025	11:00:00	7.4	2.422	0.6	336,669	12	114
6/15/2025	11:15:00	7.4	2.453	0.1	336,702	12	114
6/15/2025	11:30:00	7.5	2.411	1.7	336,739	12.1	114
6/15/2025	11:45:00	7.5	0.189	2	336,764	12.3	114
6/15/2025	12:00:00	7.5	0.182	5.5	336,780	12.4	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/15/2025	12:15:00	7.5	2.407	0.2	336,804	12.3	114
6/15/2025	12:30:00	7.5	2.419	0.5	336,828	12.4	114
6/15/2025	12:45:00	7.5	1.915	2.7	336,863	12.4	114
6/15/2025	13:00:00	7.5	2.415	0.3	336,894	12.4	114
6/15/2025	13:15:00	7.5	2.400	0.7	336,930	12.5	114
6/15/2025	13:30:00	7.5	2.407	1.1	336,956	12.8	116
6/15/2025	13:45:00	7.5	2.415	0	336,988	12.6	117
6/15/2025	14:00:00	7.5	2.419	0.5	337,020	12.7	116
6/15/2025	14:15:00	7.5	2.377	0.3	337,056	12.7	116
6/15/2025	14:30:00	7.5	2.434	1	337,080	12.9	114
6/15/2025	14:45:00	7.5	0.178	0.4	337,110	12.8	114
6/15/2025	15:00:00	7.5	0.458	0.3	337,128	12.8	114
6/15/2025	15:15:00	7.5	1.495	0.8	337,140	12.8	114
6/15/2025	15:30:00	7.5	2.475	0.3	337,174	12.8	114
6/15/2025	15:45:00	7.5	2.475	1.4	337,197	13	114
6/15/2025	16:00:00	7.5	2.472	0.8	337,225	12.6	114
6/15/2025	16:15:00	7.5	2.483	0.2	337,259	12.8	114
6/15/2025	16:30:00	7.5	2.441	0.3	337,296	12.9	114
6/15/2025	16:45:00	7.5	2.422	0.7	337,333	12.9	115
6/15/2025	17:00:00	7.5	2.434	1.7	337,356	13	115
6/15/2025	17:15:00	7.5	1.904	0.5	337,371	13.2	114
6/15/2025	17:30:00	7.5	2.445	0.6	337,408	12.7	115
6/15/2025	17:45:00	7.5	2.051	1.1	337,433	12.8	115
6/15/2025	18:00:00	7.5	2.460	1	337,464	12.6	116
6/15/2025	18:15:00	7.5	2.449	0.7	337,478	13.2	116

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/15/2025	18:30:00	7.5	2.419	0.9	337,515	12.8	116
6/15/2025	18:45:00	7.5	1.446	1.3	337,530	13.5	116
6/15/2025	19:00:00	7.5	2.536	0	337,558	12.7	117
6/15/2025	19:15:00	7.5	2.460	0	337,596	12.6	116
6/15/2025	19:30:00	7.6	2.525	0	337,617	12.7	114
6/15/2025	19:45:00	7.6	2.449	0	337,654	12.4	114
6/15/2025	20:00:00	7.6	2.453	0	337,678	12.4	114
6/15/2025	20:15:00	7.6	1.291	12.1	337,712	12.3	114
6/15/2025	20:30:00	7.5	1.120	0	337,732	12.1	114
6/15/2025	20:45:00	7.5	2.362	0	337,749	12.2	114
6/15/2025	21:00:00	7.5	2.491	0.1	337,786	11.9	114
6/15/2025	21:15:00	7.5	2.521	0	337,820	11.9	115
6/15/2025	21:30:00	7.5	0.231	0.6	337,850	12	114
6/15/2025	21:45:00	7.5	2.506	0.8	337,881	11.8	114
6/15/2025	22:00:00	7.5	0.382	0.7	337,909	11.7	115
6/15/2025	22:15:00	7.5	2.509	0.1	337,938	11.7	114
6/15/2025	22:30:00	7.5	0.193	0	337,973	11.7	114
6/15/2025	22:45:00	7.5	1.287	1.5	337,993	11.6	114
6/15/2025	23:00:00	7.5	2.419	0.4	338,025	11.5	114
6/15/2025	23:15:00	7.5	0.151	0.4	338,050	11.7	114
6/15/2025	23:30:00	7.5	1.930	0.1	338,072	11.6	115
6/15/2025	23:45:00	7.5	2.426	0.1	338,095	11.6	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Table 3. In-Situ Parameters

Date	Temperature °C	DO mg/L	Conductivity SPC-uS/cm	SAL-ppt	pH	ORP (mV)	NTU
06/09/2025	12.0	11.00	118.9	0.06	7.48	141.5	1.82
06/10/2025	19.6	8.84	123.9	0.06	7.32	139.5	0.55
06/11/2025	12.5	10.95	119.3	0.06	7.68	127.0	2.89
06/12/2025	11.8	11.10	122.8	0.06	7.39	142.0	2.33
06/13/2025	13.2	9.34	145.3	0.06	7.21	138.9	1.55
06/14/2025	11.6	10.97	125.6	0.06	7.28	145.2	2.28
06/15/2025	12.8	10.73	124.5	0.06	7.52	133.4	1.22

3. Calibration Log:

Table 4. Calibration Log

Date	Unit	pH	Conductivity/Temp.	Salinity	NTU
06/11/2025	YSI	✓	✓	✓	✓
06/11/2025	WTP	✓	N/A	N/A	✓

		Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope	
Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: SD Approved by: BC2 Date: June 20, 2025	

APPENDIX A: WTP Log



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/9/2025	0:00:00	7.2	2.479	0	319,418	Open	12.4	115
6/9/2025	0:15:00	7.2	0.182	0	319,445	Open	12.6	115
6/9/2025	0:30:00	7.2	2.400	0	319,479	Open	12.4	114
6/9/2025	0:45:00	7.2	0.000	1.1	319,495	Open	12.6	114
6/9/2025	1:00:00	7.1	2.562	0	319,509	Open	12.5	114
6/9/2025	1:15:00	7.1	2.483	0	319,546	Open	12.4	114
6/9/2025	1:30:00	7.2	2.434	0	319,583	Open	12.3	115
6/9/2025	1:45:00	7.2	2.403	0	319,619	Open	12.3	115
6/9/2025	2:00:00	7.2	1.734	0.1	319,653	Open	12.4	115
6/9/2025	2:15:00	7.1	2.426	0.9	319,672	Open	12.6	115
6/9/2025	2:30:00	7.2	2.483	4.7	319,709	Open	12.4	115
6/9/2025	2:45:00	7.2	2.419	1.5	319,746	Open	12.4	115
6/9/2025	3:00:00	7.2	1.007	6.2	319,764	Open	12.7	114
6/9/2025	3:15:00	7.2	2.438	0.2	319,793	Open	12.3	114
6/9/2025	3:30:00	7.2	2.445	0.3	319,813	Open	12.3	114
6/9/2025	3:45:00	7.2	2.392	0	319,849	Open	12.2	114
6/9/2025	4:00:00	7.2	2.400	0	319,885	Open	12.2	114
6/9/2025	4:15:00	7.2	2.373	0	319,921	Open	12.2	114
6/9/2025	4:30:00	7.1	2.438	2.1	319,941	Open	12.6	115
6/9/2025	4:45:00	7.1	2.415	0	319,977	Open	12.3	115
6/9/2025	5:00:00	7.1	2.366	0	320,013	Open	12.3	115
6/9/2025	5:15:00	7.2	2.328	0	320,048	Open	12.3	115
6/9/2025	5:30:00	7.1	1.855	0	320,073	Open	12.5	115



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/9/2025	5:45:00	7.2	2.487	0	320,101	Open	12.3	115
6/9/2025	6:00:00	7.2	2.426	0	320,137	Open	12.3	115
6/9/2025	6:15:00	7.2	0.163	0	320,169	Open	12.4	115
6/9/2025	6:30:00	7.1	2.350	0.1	320,196	Open	12.3	115
6/9/2025	6:45:00	7.2	2.460	1	320,223	Open	12.1	114
6/9/2025	7:00:00	7.2	1.457	0	320,252	Open	12	114
6/9/2025	7:15:00	7.2	2.672	0	320,274	Open	12	114
6/9/2025	7:30:00	7.2	2.570	0	320,313	Open	12	114
6/9/2025	7:45:00	7.2	0.189	0	320,341	Open	12.2	114
6/9/2025	8:00:00	7.2	2.494	0	320,375	Open	12.1	114
6/9/2025	8:15:00	7.1	2.498	0	320,412	Open	12.2	114
6/9/2025	8:30:00	7.1	1.805	2.1	320,433	Open	12.5	115
6/9/2025	8:45:00	7.1	2.521	0.1	320,468	Open	12.3	115
6/9/2025	9:00:00	7.1	2.456	0	320,505	Open	12.4	115
6/9/2025	9:15:00	7.1	2.385	0.5	320,541	Open	12.5	115
6/9/2025	9:30:00	7.2	0.295	0.6	320,575	Open	12.6	115
6/9/2025	9:45:00	7.1	1.783	2	320,598	Open	12.8	114
6/9/2025	10:00:00	7.1	2.422	1.8	320,630	Open	12.8	115
6/9/2025	10:15:00	7.1	2.339	0.4	320,666	Open	12.9	115
6/9/2025	10:30:00	7.1	0.117	0	320,689	Open	13.2	114
6/9/2025	10:45:00	7.1	0.106	0.2	320,712	Open	13.2	115
6/9/2025	11:00:00	7.1	0.401	2.3	320,734	Open	13.3	117
6/9/2025	11:15:00	7.1	2.517	0.5	320,751	Open	13.4	117
6/9/2025	11:30:00	7.1	2.487	0.4	320,789	Open	13.1	116
6/9/2025	11:45:00	7.1	2.419	0.2	320,826	Open	13.1	117



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/9/2025	12:00:00	7.1	2.362	0.6	320,862	Open	13.2	114
6/9/2025	12:15:00	7.1	2.347	0.8	320,884	Open	13.6	115
6/9/2025	12:30:00	7.1	2.426	2.5	320,916	Open	13.3	115
6/9/2025	12:45:00	7.1	2.392	0	320,952	Open	13.3	115
6/9/2025	13:00:00	7.1	0.163	0	320,971	Open	13.7	115
6/9/2025	13:15:00	7.1	0.144	0	320,995	Open	13.5	115
6/9/2025	13:30:00	7.1	2.313	0.1	321,015	Open	13.5	115
6/9/2025	13:45:00	7.1	2.415	1	321,046	Open	13.7	115
6/9/2025	14:00:00	7.1	2.332	0	321,081	Open	13.5	115
6/9/2025	14:15:00	7.1	2.320	0	321,112	Open	13.7	117
6/9/2025	14:30:00	7.1	2.441	0	321,144	Open	13.9	117
6/9/2025	14:45:00	7.1	0.310	0	321,159	Open	14.2	117
6/9/2025	15:00:00	7.1	2.631	0.5	321,191	Open	13.6	117
6/9/2025	15:15:00	7.1	2.581	0	321,231	Open	13.7	117
6/9/2025	15:30:00	7.1	2.525	0.3	321,269	Open	13.7	117
6/9/2025	15:45:00	7.1	2.600	0	321,304	Open	13.6	117
6/9/2025	16:00:00	7.1	2.517	0.2	321,342	Open	13.5	116
6/9/2025	16:15:00	7.1	0.242	0	321,368	Open	13.9	116
6/9/2025	16:30:00	7.1	2.536	0	321,391	Open	13.7	117
6/9/2025	16:45:00	7.1	2.491	0	321,415	Open	13.9	116
6/9/2025	17:00:00	7.1	2.441	0	321,452	Open	13.7	117
6/9/2025	17:15:00	7.1	2.411	0	321,475	Open	13.8	117
6/9/2025	17:30:00	7.1	1.877	0	321,510	Open	13.7	117
6/9/2025	17:45:00	7.1	0.197	0	321,541	Open	13.6	117
6/9/2025	18:00:00	7.1	2.472	0.5	321,570	Open	13.6	117



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/9/2025	18:15:00	7.1	1.495	0	321,595	Open	14	117
6/9/2025	18:30:00	7.1	0.481	0	321,630	Open	13.5	117
6/9/2025	18:45:00	7.1	2.354	0	321,647	Open	13.5	117
6/9/2025	19:00:00	7.1	2.468	0	321,680	Open	13.3	117
6/9/2025	19:15:00	7.1	2.014	0	321,701	Open	13.3	117
6/9/2025	19:30:00	7.1	2.544	0	321,740	Open	13.1	117
6/9/2025	19:45:00	7.1	2.502	0.1	321,765	Open	13.2	117
6/9/2025	20:00:00	7.1	2.426	0.5	321,802	Open	13.1	117
6/9/2025	20:15:00	7.1	2.385	0.3	321,824	Open	13	116
6/9/2025	20:30:00	7.1	2.509	1.8	321,854	Open	12.7	116
6/9/2025	20:45:00	7.1	2.468	3.4	321,879	Open	13	114
6/9/2025	21:00:00	7.1	0.000	1.7	321,915	Open	12.7	116
6/9/2025	21:15:00	7.1	2.434	0.6	321,932	Open	12.8	114
6/9/2025	21:30:00	7.1	2.392	1.9	321,956	Open	13.1	114
6/9/2025	21:45:00	7.1	2.324	0.5	321,992	Open	12.7	114
6/9/2025	22:00:00	7.1	2.540	0.1	322,020	Open	12.6	114
6/9/2025	22:15:00	7.1	2.612	0.9	322,051	Open	12.6	114
6/9/2025	22:30:00	7.1	2.566	1.6	322,090	Open	12.6	114
6/9/2025	22:45:00	7.1	0.223	5.3	322,123	Open	12.6	115
6/9/2025	23:00:00	7.1	2.502	1.8	322,153	Open	12.6	114
6/9/2025	23:15:00	7.1	2.036	7.2	322,176	Open	12.7	114
6/9/2025	23:30:00	7.1	2.540	1	322,209	Open	12.5	114
6/9/2025	23:45:00	7.1	2.517	2.2	322,233	Open	12.5	114
6/10/2025	0:00:00	7.1	2.475	1.5	322,270	Open	12.4	114
6/10/2025	0:15:00	7.1	0.783	2.7	322,294	Open	12.8	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/10/2025	0:30:00	7.1	0.178	1.5	322,320	Open	12.7	115
6/10/2025	0:45:00	7.1	2.464	0.8	322,353	Open	12.4	115
6/10/2025	1:00:00	7.1	2.532	1.2	322,374	Open	12.6	115
6/10/2025	1:15:00	7.1	2.559	0	322,405	Open	12.3	115
6/10/2025	1:30:00	7.1	2.491	0.1	322,430	Open	12.3	115
6/10/2025	1:45:00	7.1	2.438	0.1	322,467	Open	12.2	114
6/10/2025	2:00:00	7.1	2.487	0.1	322,496	Open	12.2	115
6/10/2025	2:15:00	7.1	2.180	0.3	322,530	Closed	12.2	115
6/10/2025	2:30:00	7.2	2.411	0.2	322,530	Closed	12.2	115
6/10/2025	2:45:00	7.1	2.517	0	322,530	Closed	12.3	114
6/10/2025	3:00:00	7.1	1.321	0.6	322,561	Open	12.2	114
6/10/2025	3:15:00	7.1	0.583	2.6	322,591	Closed	12.2	114
6/10/2025	3:30:00	7.1	2.441	7.4	322,615	Open	12.3	114
6/10/2025	3:45:00	7.1	1.503	1.8	322,646	Open	12.3	115
6/10/2025	4:00:00	7.2	0.995	0.2	322,682	Closed	12.4	115
6/10/2025	4:15:00	7.1	2.570	1.9	322,699	Open	12.5	115
6/10/2025	4:30:00	7.2	0.394	0.2	322,731	Closed	12.4	115
6/10/2025	4:45:00	7.2	2.422	0	322,759	Open	12.3	115
6/10/2025	5:00:00	7.2	2.350	0	322,794	Open	12.2	115
6/10/2025	5:15:00	7.2	2.400	0.3	322,815	Open	12.2	114
6/10/2025	5:30:00	7.1	0.310	0	322,844	Closed	12.2	114
6/10/2025	5:45:00	7.1	2.544	1.4	322,863	Open	12.1	115
6/10/2025	6:00:00	7.1	2.449	0.1	322,900	Open	12.1	115
6/10/2025	6:15:00	7.1	1.374	0	322,923	Closed	12.4	115
6/10/2025	6:30:00	7.1	1.344	0.5	322,956	Open	12.2	115

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/10/2025	6:45:00	7.1	2.430	0.2	322,989	Open	12.2	115
6/10/2025	7:00:00	7.1	1.283	1.1	323,011	Open	12.3	115
6/10/2025	7:15:00	7.1	2.532	0.4	323,036	Open	12.1	114
6/10/2025	7:30:00	7.1	2.566	0.8	323,061	Open	12.1	114
6/10/2025	7:45:00	7.1	2.532	0.2	323,087	Open	12.4	114
6/10/2025	8:00:00	7.1	2.479	0.4	323,124	Open	12.1	114
6/10/2025	8:15:00	7.1	0.189	0	323,136	Open	12.6	114
6/10/2025	8:30:00	7.1	0.515	1.3	323,166	Open	12.3	114
6/10/2025	8:45:00	7.1	2.521	0	323,194	Open	12.3	114
6/10/2025	9:00:00	7.1	2.449	0.3	323,231	Open	12.4	114
6/10/2025	9:15:00	7.1	0.201	4.4	323,253	Open	13	114
6/10/2025	9:30:00	7.1	2.419	1.8	323,282	Open	13.7	113
6/10/2025	9:45:00	7.2	0.170	0.6	323,309	Open	12.6	112
6/10/2025	10:00:00	7.2	2.441	0.6	323,333	Open	12.4	112
6/10/2025	10:15:00	7.2	1.397	1.6	323,360	Open	12.4	113
6/10/2025	10:30:00	7.2	2.574	2.2	323,380	Open	12.5	113
6/10/2025	10:45:00	7.2	2.597	0.6	323,418	Open	12.5	113
6/10/2025	11:00:00	7.2	0.208	0.4	323,448	Open	12.9	113
6/10/2025	11:15:00	7.2	2.472	0.8	323,480	Open	12.8	114
6/10/2025	11:30:00	7.2	0.795	4.8	323,510	Open	13.1	114
6/10/2025	11:45:00	7.2	2.509	1.4	323,533	Open	13	114
6/10/2025	12:00:00	7.1	2.426	0.1	323,548	Open	13.4	114
6/10/2025	12:15:00	7.2	0.174	0	323,579	Open	13.1	114
6/10/2025	12:30:00	7.1	2.388	0	323,606	Open	13.1	114
6/10/2025	12:45:00	7.1	1.760	1.1	323,628	Open	13.2	114



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/10/2025	13:00:00	7.2	2.434	0.4	323,662	Open	13.2	115
6/10/2025	13:15:00	7.2	2.388	0	323,698	Open	13.2	114
6/10/2025	13:30:00	7.2	2.328	0	323,733	Open	13.2	115
6/10/2025	13:45:00	7.2	1.877	0	323,766	Open	13.4	114
6/10/2025	14:00:00	7.2	0.507	0.4	323,792	Open	13.1	115
6/10/2025	14:15:00	7.2	1.071	0	323,815	Open	13	114
6/10/2025	14:30:00	7.2	2.245	0.2	323,845	Open	13	114
6/10/2025	14:45:00	7.2	2.176	0.1	323,865	Open	13.3	114
6/10/2025	15:00:00	7.2	2.142	0.6	323,898	Open	13.1	114
6/10/2025	15:15:00	7.2	0.939	0.3	323,923	Open	13	117
6/10/2025	15:30:00	7.2	2.161	1.3	323,951	Open	12.9	115
6/10/2025	15:45:00	7.2	2.150	0.7	323,983	Open	12.8	115
6/10/2025	16:00:00	7.2	2.108	1.5	324,015	Open	12.7	115
6/10/2025	16:15:00	7.2	0.182	1.3	324,041	Open	12.9	115
6/10/2025	16:30:00	7.2	2.029	1.6	324,063	Open	12.9	116
6/10/2025	16:45:00	7.2	1.968	1.3	324,093	Open	12.8	115
6/10/2025	17:00:00	7.2	1.908	1.7	324,122	Open	12.9	115
6/10/2025	17:15:00	7.2	2.025	3.8	324,148	Open	13	115
6/10/2025	17:30:00	7.2	2.328	0.5	324,178	Open	13.1	115
6/10/2025	17:45:00	7.2	0.189	0.1	324,206	Open	13.3	115
6/10/2025	18:00:00	7.2	2.165	0.7	324,229	Open	13.1	115
6/10/2025	18:15:00	7.2	2.222	2.2	324,255	Open	12.9	115
6/10/2025	18:30:00	7.2	2.347	0.1	324,282	Open	13.1	115
6/10/2025	18:45:00	7.2	2.313	0	324,317	Open	13.3	115
6/10/2025	19:00:00	7.2	2.263	0	324,351	Open	13.3	115



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/10/2025	19:15:00	7.2	2.245	1.1	324,370	Open	13.5	114
6/10/2025	19:30:00	7.2	2.218	0.3	324,404	Open	13.3	114
6/10/2025	19:45:00	7.2	0.352	0.5	324,437	Open	12.9	114
6/10/2025	20:00:00	7.2	1.200	8.7	324,459	Open	12.6	115
6/10/2025	20:15:00	7.2	2.400	0.2	324,492	Open	12.4	114
6/10/2025	20:30:00	7.2	2.483	1.1	324,521	Open	12.3	114
6/10/2025	20:45:00	7.2	2.445	1	324,558	Open	12.3	114
6/10/2025	21:00:00	7.2	2.381	0.6	324,594	Open	12.3	114
6/10/2025	21:15:00	7.2	2.332	1.4	324,616	Open	12.3	114
6/10/2025	21:30:00	7.2	2.525	1.9	324,639	Open	12.1	114
6/10/2025	21:45:00	7.2	0.413	0.7	324,676	Open	12.2	114
6/10/2025	22:00:00	7.2	2.415	1.4	324,701	Open	12.2	114
6/10/2025	22:15:00	7.2	0.901	1.6	324,729	Open	12	114
6/10/2025	22:30:00	7.2	2.491	1	324,765	Open	12.1	114
6/10/2025	22:45:00	7.2	1.090	2.7	324,785	Open	12.5	114
6/10/2025	23:00:00	7.2	2.472	1.5	324,814	Open	12.2	114
6/10/2025	23:15:00	7.2	2.396	2.7	324,850	Open	12.3	114
6/10/2025	23:30:00	7.2	2.472	1	324,878	Open	12.2	114
6/10/2025	23:45:00	7.2	2.369	1.9	324,914	Open	12.3	114
6/11/2025	0:00:00	7.2	2.301	0.9	324,949	Open	12.3	115
6/11/2025	0:15:00	7.2	2.419	1.7	324,970	Open	12.6	115
6/11/2025	0:30:00	7.2	1.745	0.4	325,006	Open	12.5	115
6/11/2025	0:45:00	7.2	2.445	2.3	325,035	Open	12.4	115
6/11/2025	1:00:00	7.2	2.358	0.3	325,059	Open	12.3	115
6/11/2025	1:15:00	7.1	2.313	0.6	325,094	Open	12.2	115

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/11/2025	1:30:00	7.1	1.030	3	325,114	Open	12.6	115
6/11/2025	1:45:00	7.1	1.836	2.7	325,139	Open	12.1	115
6/11/2025	2:00:00	7.1	2.456	1	325,175	Open	12.1	115
6/11/2025	2:15:00	7.1	2.392	1.2	325,197	Open	12.2	115
6/11/2025	2:30:00	7.2	0.174	0.8	325,228	Open	12.3	115
6/11/2025	2:45:00	7.2	2.275	0.7	325,256	Open	12.2	115
6/11/2025	3:00:00	7.2	1.090	1.2	325,278	Open	12	115
6/11/2025	3:15:00	7.2	2.456	0.7	325,298	Open	12.1	114
6/11/2025	3:30:00	7.2	2.385	1.9	325,334	Open	12	114
6/11/2025	3:45:00	7.2	2.339	1.2	325,358	Open	12	114
6/11/2025	4:00:00	7.2	1.722	0.8	325,392	Open	12	115
6/11/2025	4:15:00	7.1	2.403	3.1	325,411	Open	12.2	115
6/11/2025	4:30:00	7.1	2.407	0.5	325,423	Open	11.9	115
6/11/2025	4:45:00	7.1	2.373	1.6	325,445	Open	12.1	115
6/11/2025	5:00:00	7.1	2.316	0.6	325,481	Open	12	115
6/11/2025	5:30:00	7.1	0.151	0.6	325,516	Closed	12.3	115
6/11/2025	5:45:00	7.1	2.464	3.6	325,543	Open	11.9	115
6/11/2025	6:00:00	7.1	0.129	0.5	325,573	Closed	12.1	115
6/11/2025	6:15:00	7.1	2.343	0.4	325,599	Open	12.1	115
6/11/2025	6:30:00	7.2	2.494	1.2	325,628	Open	12	115
6/11/2025	6:45:00	7.1	2.487	0	325,652	Open	12.4	115
6/11/2025	7:00:00	7.1	1.885	0	325,685	Open	12.3	115
6/11/2025	7:15:00	7.1	2.456	0.4	325,707	Open	12.2	115
6/11/2025	7:30:00	7.2	0.121	0.2	325,739	Closed	12.2	115
6/11/2025	7:45:00	7.2	1.041	0.4	325,753	Open	11.9	114



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/11/2025	8:00:00	7.2	2.381	0.6	325,789	Open	12	115
6/11/2025	8:15:00	7.2	0.848	0.7	325,823	Open	12.1	115
6/11/2025	8:30:00	7.1	1.219	2.3	325,840	Open	12.2	115
6/11/2025	8:45:00	7.2	1.026	1.9	325,864	Open	12.1	114
6/11/2025	9:00:00	7.2	2.521	0.9	325,900	Open	12.2	114
6/11/2025	9:15:00	7.2	0.023	1.1	325,930	Closed	12.3	114
6/11/2025	9:30:00	7.2	1.442	1.1	325,950	Open	12.3	114
6/11/2025	9:45:00	7.2	1.446	2.9	325,965	Open	12.3	114
6/11/2025	10:00:00	7.2	2.570	1.1	325,990	Open	12.3	114
6/11/2025	10:15:00	7.2	2.532	1.3	326,029	Open	12.3	114
6/11/2025	10:30:00	7.2	2.468	3.3	326,066	Open	12.5	114
6/11/2025	10:45:00	7.2	0.000	1.3	326,096	Closed	12.7	115
6/11/2025	11:00:00	7.2	2.456	1.6	326,126	Open	12.7	115
6/11/2025	11:15:00	7.2	2.411	4.2	326,162	Open	12.9	115
6/11/2025	11:30:00	7.2	0.000	2.5	326,191	Closed	13.1	115
6/11/2025	11:45:00	7.2	2.335	0.8	326,221	Open	12.9	114
6/11/2025	12:00:00	7.2	2.282	1.4	326,256	Open	12.9	115
6/11/2025	12:15:00	7.2	2.320	1.8	326,276	Open	12.9	115
6/11/2025	12:30:00	7.2	2.252	1.8	326,310	Open	12.8	115
6/11/2025	12:45:00	7.2	0.000	0.6	326,332	Closed	13	115
6/11/2025	13:00:00	7.2	2.362	2.1	326,356	Open	12.7	116
6/11/2025	13:15:00	7.2	2.407	400.4	326,387	Open	12.9	116
6/11/2025	13:30:00	7.2	2.350	2.7	326,408	Open	12.5	114
6/11/2025	13:45:00	7.2	2.282	1.7	326,443	Open	12.4	114
6/11/2025	14:00:00	7.2	1.628	0.5	326,477	Open	12.5	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/11/2025	14:15:00	7.2	0.424	1.7	326,509	Open	12.7	114
6/11/2025	14:30:00	7.2	2.373	2	326,533	Open	12.8	114
6/11/2025	14:45:00	7.2	2.305	2.7	326,568	Open	12.9	114
6/11/2025	15:00:00	7.2	2.282	4.2	326,603	Open	12.9	115
6/11/2025	15:15:00	7.2	2.392	6.4	326,635	Open	13.1	115
6/11/2025	15:30:00	7.2	2.313	1.5	326,670	Open	13.1	115
6/11/2025	15:45:00	7.2	1.805	3	326,703	Open	13.1	115
6/11/2025	16:00:00	7.2	2.316	0.9	326,726	Open	13.1	114
6/11/2025	16:15:00	7.2	2.245	1.2	326,761	Open	12.8	115
6/11/2025	16:30:00	7.2	2.226	2.3	326,774	Open	13	115
6/11/2025	16:45:00	7.2	0.151	1.5	326,795	Open	13.1	114
6/11/2025	17:00:00	7.2	1.968	2.1	326,813	Closed	12.8	115
6/11/2025	17:15:00	7.2	2.328	1.4	326,813	Closed	12.8	115
6/11/2025	17:30:00	7.2	0.662	0.6	326,813	Closed	13	115
6/11/2025	17:45:00	7.2	2.263	1.8	326,844	Open	12.9	115
6/11/2025	18:00:00	7.2	2.210	0.5	326,877	Open	12.9	115
6/11/2025	18:15:00	7.2	2.176	0.9	326,910	Open	12.8	116
6/11/2025	18:30:00	7.2	1.552	7.5	326,939	Open	12.6	115
6/11/2025	18:45:00	7.2	2.407	3.9	326,974	Open	12.6	115
6/11/2025	19:00:00	7.2	0.454	4.4	326,998	Closed	12.7	115
6/11/2025	19:15:00	7.2	1.491	11.7	326,998	Open	13.4	115
6/11/2025	19:30:00	7.2	2.332	1.1	327,030	Open	12.4	114
6/11/2025	19:45:00	7.2	2.305	1.3	327,050	Open	12.4	114
6/11/2025	20:00:00	7.2	2.388	1.7	327,084	Open	12.3	115
6/11/2025	20:15:00	7.2	2.282	2.7	327,119	Open	12.5	115

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/11/2025	20:30:00	7.2	2.449	1.3	327,149	Open	12.3	115
6/11/2025	20:45:00	7.2	2.570	1.2	327,181	Open	12.3	115
6/11/2025	21:00:00	7.2	2.479	1.3	327,219	Open	12.2	115
6/11/2025	21:15:00	7.2	2.456	0.6	327,243	Open	12.1	115
6/11/2025	21:30:00	7.2	1.086	3	327,265	Open	12	115
6/11/2025	21:45:00	7.2	2.631	1.8	327,289	Open	11.8	115
6/11/2025	22:00:00	7.2	0.106	1.4	327,317	Closed	12.1	115
6/11/2025	22:15:00	7.2	2.570	1.5	327,353	Open	11.8	115
6/11/2025	22:30:00	7.2	2.574	1.7	327,377	Open	11.8	116
6/11/2025	22:45:00	7.2	0.000	1.2	327,410	Closed	11.8	115
6/11/2025	23:00:00	7.2	2.593	3.3	327,437	Open	11.8	115
6/11/2025	23:15:00	7.2	2.578	2.8	327,459	Open	12	115
6/11/2025	23:30:00	7.2	2.547	1	327,497	Open	11.8	115
6/11/2025	23:45:00	7.2	2.525	2.1	327,521	Open	11.8	117
6/12/2025	0:00:00	7.2	0.000	1.6	327,549	Closed	12	115
6/12/2025	0:15:00	7.2	2.574	2.5	327,579	Open	11.8	115
6/12/2025	0:30:00	7.2	2.574	1.8	327,601	Open	11.8	116
6/12/2025	0:45:00	7.2	2.509	2.7	327,639	Open	11.8	117
6/12/2025	1:00:00	7.2	2.517	3.5	327,659	Open	11.8	117
6/12/2025	1:15:00	7.2	2.547	6.9	327,694	Open	11.9	117
6/12/2025	1:30:00	7.1	1.949	2.8	327,709	Open	12.1	115
6/12/2025	1:45:00	7.1	2.555	3	327,733	Open	12.1	116
6/12/2025	2:00:00	7.2	2.487	2.2	327,771	Open	12	116
6/12/2025	2:15:00	7.2	2.430	2.4	327,807	Open	12	116
6/12/2025	2:30:00	7.2	2.472	1.2	327,831	Open	12.1	117

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/12/2025	2:45:00	7.2	2.385	4.1	327,867	Open	12.1	115
6/12/2025	3:00:00	7.2	0.000	0.2	327,890	Closed	12.2	115
6/12/2025	3:15:00	7.2	2.494	0.7	327,921	Open	12	115
6/12/2025	3:30:00	7.2	2.051	1.9	327,943	Open	12.2	117
6/12/2025	3:45:00	7.2	2.498	0.9	327,976	Open	11.8	115
6/12/2025	4:00:00	7.1	2.498	1	327,997	Open	11.9	116
6/12/2025	4:15:00	7.1	0.000	1.9	328,025	Closed	11.9	115
6/12/2025	4:30:00	7	2.506	0.8	328,055	Open	11.8	116
6/12/2025	4:45:00	7	0.000	2.8	328,083	Closed	12.1	117
6/12/2025	5:00:00	7	2.494	2.6	328,116	Open	11.8	117
6/12/2025	5:15:00	6.9	2.479	3.9	328,138	Open	11.9	117
6/12/2025	5:30:00	6.9	1.862	10	328,160	Open	12.2	116
6/12/2025	5:45:00	6.9	0.000	5.8	328,196	Closed	11.8	192
6/12/2025	6:00:00	6.9	2.502	1.8	328,217	Open	11.8	115
6/12/2025	6:15:00	6.9	2.456	3.3	328,238	Open	11.9	115
6/12/2025	6:30:00	7	0.000	1.9	328,270	Closed	11.8	117
6/12/2025	6:45:00	7	2.426	1.4	328,297	Open	11.7	116
6/12/2025	7:00:00	7	1.983	1.7	328,317	Open	11.8	115
6/12/2025	7:15:00	7	0.000	1.2	328,339	Closed	12	114
6/12/2025	7:30:00	7	0.000	2.7	328,367	Closed	11.8	114
6/12/2025	7:45:00	7	2.513	2.2	328,389	Open	11.7	114
6/12/2025	8:00:00	7	2.521	2.9	328,410	Open	11.9	114
6/12/2025	8:15:00	7	2.509	4	328,443	Open	11.8	114
6/12/2025	8:30:00	7	1.336	3	328,457	Open	12.1	114
6/12/2025	8:45:00	7	2.559	1.2	328,489	Open	11.8	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/12/2025	9:00:00	7.1	2.498	2	328,527	Open	11.9	115
6/12/2025	9:15:00	7.1	2.419	2	328,564	Open	12	115
6/12/2025	9:30:00	7.1	1.983	6.7	328,582	Open	12.5	115
6/12/2025	9:45:00	7.1	1.385	10.2	328,607	Closed	12	115
6/12/2025	10:00:00	7.1	2.385	5.4	328,621	Open	12	115
6/12/2025	10:15:00	7.1	2.316	6.2	328,657	Open	12	115
6/12/2025	10:30:00	7.1	2.252	6.6	328,691	Open	12	117
6/12/2025	10:45:00	7.1	2.207	6.3	328,724	Open	12.1	116
6/12/2025	11:00:00	7.1	2.286	6.7	328,742	Open	12.2	115
6/12/2025	11:15:00	7.1	2.226	6.4	328,776	Open	12.1	115
6/12/2025	11:30:00	7.1	2.252	9.7	328,791	Open	12.6	115
6/12/2025	11:45:00	7.1	2.192	7.4	328,824	Open	12.3	114
6/12/2025	12:00:00	7.1	1.938	3.5	328,844	Open	12.4	114
6/12/2025	12:15:00	7.1	2.104	3.8	328,874	Open	12.3	114
6/12/2025	12:30:00	7.1	2.203	3.5	328,907	Open	12.1	114
6/12/2025	12:45:00	7.1	2.260	3.5	328,940	Open	12.1	114
6/12/2025	13:00:00	7.1	2.453	5.7	328,951	Open	12.3	114
6/12/2025	13:15:00	7.1	2.347	2.9	328,987	Open	12.1	115
6/12/2025	13:30:00	7.1	0.000	1.8	329,010	Closed	12.5	115
6/12/2025	13:45:00	7.1	2.275	4	329,039	Open	12.1	115
6/12/2025	14:00:00	7.1	1.904	5.8	329,070	Open	12.3	114
6/12/2025	14:15:00	7.1	2.188	2.7	329,103	Open	12.2	114
6/12/2025	14:30:00	7.1	1.522	4.3	329,114	Closed	12.6	114
6/12/2025	14:45:00	7.1	2.203	2.6	329,147	Open	12.2	115
6/12/2025	15:00:00	7.1	1.215	5.5	329,174	Open	12.1	115

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/12/2025	15:15:00	7.1	2.373	1.9	329,203	Open	12.1	115
6/12/2025	15:30:00	7.1	0.825	3.2	329,231	Open	12.5	115
6/12/2025	15:45:00	7.1	1.575	3.1	329,255	Open	12.3	115
6/12/2025	16:00:00	7.1	2.195	1.4	329,284	Closed	12.3	115
6/12/2025	16:15:00	7.1	2.385	0.9	329,314	Open	12.2	115
6/12/2025	16:30:00	7.1	0.000	1.8	329,343	Closed	12.2	116
6/12/2025	16:45:00	7.1	2.309	5.6	329,369	Open	12.1	116
6/12/2025	17:00:00	7.1	1.893	2.9	329,401	Open	12.2	115
6/12/2025	17:15:00	7.1	2.271	1.7	329,435	Open	12.1	115
6/12/2025	17:30:00	7.1	2.343	10.3	329,463	Open	12.2	117
6/12/2025	17:45:00	7.1	2.248	2.4	329,497	Open	12.2	115
6/12/2025	18:00:00	7.1	0.000	0.8	329,519	Closed	12.5	115
6/12/2025	18:15:00	7.1	0.000	2.6	329,540	Closed	12.3	117
6/12/2025	18:30:00	7.1	2.328	2.1	329,565	Open	12.1	115
6/12/2025	18:45:00	7.1	2.033	2.8	329,598	Open	12.3	115
6/12/2025	19:00:00	7.1	1.809	1.8	329,630	Open	12.2	114
6/12/2025	19:15:00	7.1	0.000	3.9	329,651	Closed	12.5	115
6/12/2025	19:30:00	7.1	2.316	1.4	329,682	Open	12.4	114
6/12/2025	19:45:00	7.1	2.245	1.3	329,717	Open	12.3	114
6/12/2025	20:00:00	7.1	2.218	1.4	329,750	Open	12.2	115
6/12/2025	20:15:00	7.1	0.818	2.7	329,764	Open	11.8	115
6/12/2025	20:30:00	7.1	0.000	2.9	329,793	Closed	11.9	115
6/12/2025	20:45:00	7.1	2.498	3.3	329,820	Open	11.9	115
6/12/2025	21:00:00	7.1	2.441	5.8	329,856	Open	11.9	115
6/12/2025	21:15:00	7.1	0.995	3.8	329,884	Open	11.7	115



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/12/2025	21:30:00	7.1	2.509	3.3	329,907	Open	11.6	115
6/12/2025	21:45:00	-0.4	2.422	393.8	329,943	Open	12.5	117
6/12/2025	22:00:00	7.4	0.000	3.3	329,972	Closed	12	115
6/12/2025	22:15:00	7.4	2.350	2.1	329,997	Open	11.9	115
6/12/2025	22:30:00	7.4	2.388	1.9	330,029	Open	11.9	117
6/12/2025	22:45:00	7.4	0.833	2.6	330,059	Open	11.8	116
6/12/2025	23:00:00	7.4	0.000	1.2	330,076	Closed	12	117
6/12/2025	23:15:00	7.4	2.438	1.7	330,108	Open	11.7	115
6/12/2025	23:30:00	7.4	1.934	2	330,144	Open	11.7	115
6/12/2025	23:45:00	7.4	2.422	3.5	330,174	Open	11.7	117
6/13/2025	0:00:00	7.5	0.000	3.4	330,201	Closed	11.9	115
6/13/2025	0:15:00	7.4	2.445	1.9	330,219	Open	11.7	115
6/13/2025	0:30:00	7.4	2.354	2.2	330,255	Open	11.7	114
6/13/2025	0:45:00	7.4	0.912	1.4	330,273	Open	11.5	114
6/13/2025	1:00:00	7.5	0.000	1.4	330,295	Closed	11.9	115
6/13/2025	1:15:00	7.5	2.419	2.6	330,327	Open	11.7	117
6/13/2025	1:30:00	7.5	2.343	3.6	330,363	Open	11.7	115
6/13/2025	1:45:00	7.5	0.723	3.9	330,394	Open	11.7	117
6/13/2025	2:00:00	7.5	2.559	4.5	330,410	Open	11.5	115
6/13/2025	2:15:00	7.5	0.000	3.3	330,427	Closed	11.8	117
6/13/2025	2:30:00	7.4	2.350	0.6	330,460	Open	11.8	116
6/13/2025	2:45:00	7.4	2.483	2.9	330,498	Open	11.8	115
6/13/2025	3:00:00	7.4	2.468	3.1	330,523	Open	11.8	116
6/13/2025	3:15:00	7.4	2.544	1.3	330,550	Open	11.8	115
6/13/2025	3:30:00	7.4	2.407	1.4	330,587	Open	11.9	117

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/13/2025	3:45:00	7.4	2.332	1.1	330,622	Open	11.9	116
6/13/2025	4:00:00	7.4	2.260	0.6	330,657	Open	12	116
6/13/2025	4:15:00	7.4	0.719	1.4	330,684	Open	11.7	117
6/13/2025	4:30:00	7.4	2.460	0.9	330,700	Open	11.6	116
6/13/2025	4:45:00	7.5	2.396	1.2	330,737	Open	11.8	117
6/13/2025	5:00:00	7.4	2.339	2.2	330,772	Open	11.8	117
6/13/2025	5:15:00	7.4	2.286	4.1	330,807	Open	11.8	115
6/13/2025	5:30:00	7.5	0.000	5.2	330,830	Closed	12.2	117
6/13/2025	5:45:00	7.4	0.852	2.6	330,860	Open	11.7	115
6/13/2025	6:00:00	7.4	2.513	2.1	330,874	Open	11.8	115
6/13/2025	6:15:00	7.4	2.347	1.5	330,910	Open	11.7	115
6/13/2025	6:30:00	7.4	2.335	2.2	330,945	Open	11.7	115
6/13/2025	6:45:00	7.4	2.343	4.8	330,958	Open	11.8	114
6/13/2025	7:00:00	7.4	2.347	2.4	330,993	Open	11.7	114
6/13/2025	7:15:00	7.4	2.422	1	331,018	Open	11.6	114
6/13/2025	7:30:00	7.4	2.388	2.7	331,049	Open	11.6	114
6/13/2025	7:45:00	7.4	1.741	3.4	331,082	Open	11.9	114
6/13/2025	8:00:00	7.4	0.000	3.4	331,099	Closed	12	114
6/13/2025	8:15:00	7.4	0.519	3.9	331,110	Open	12.3	114
6/13/2025	8:30:00	7.4	0.519	3.1	331,116	Open	12.9	115
6/13/2025	8:45:00	7.4	1.431	2.4	331,151	Open	11.8	117
6/13/2025	9:00:00	7.3	1.363	2	331,178	Open	11.6	115
6/13/2025	9:15:00	7.4	2.494	1.4	331,196	Open	11.9	112
6/13/2025	9:30:00	7.4	2.400	1.5	331,233	Open	11.5	111
6/13/2025	9:45:00	7.4	2.339	2.2	331,268	Open	11.5	112

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/13/2025	10:00:00	7.4	1.760	2.3	331,274	Open	12.1	111
6/13/2025	10:15:00	7.4	2.366	2.7	331,309	Open	11.5	112
6/13/2025	10:30:00	7.5	2.400	2.3	331,341	Open	11.6	112
6/13/2025	10:45:00	7.5	2.320	1.8	331,376	Open	11.7	113
6/13/2025	11:00:00	7.5	2.275	2.1	331,411	Open	11.8	114
6/13/2025	11:15:00	7.5	2.426	5.5	331,442	Open	11.8	114
6/13/2025	11:30:00	7.5	2.332	2.3	331,478	Open	11.9	114
6/13/2025	11:45:00	7.5	2.407	5.2	331,509	Open	12	114
6/13/2025	12:00:00	7.4	2.358	4.7	331,522	Open	12.1	114
6/13/2025	12:15:00	7.5	0.155	0.5	331,548	Open	12.1	114
6/13/2025	12:30:00	7.5	2.309	2	331,572	Open	11.9	114
6/13/2025	12:45:00	7.5	2.256	2.2	331,606	Open	11.9	114
6/13/2025	13:00:00	7.5	1.696	2.9	331,637	Open	12.1	114
6/13/2025	13:15:00	7.5	2.297	1.3	331,669	Open	12	115
6/13/2025	13:30:00	7.5	0.155	1.9	331,691	Open	12.2	115
6/13/2025	13:45:00	7.5	2.309	7.7	331,701	Open	12.3	115
6/13/2025	14:00:00	7.5	1.162	2.4	331,734	Open	12	115
6/13/2025	14:15:00	7.5	1.378	2.8	331,760	Open	12.1	115
6/13/2025	14:30:00	7.5	1.980	1.7	331,781	Open	12	115
6/13/2025	14:45:00	7.6	0.000	1	331,807	Open	12.2	115
6/13/2025	15:00:00	7.6	0.000	0.1	331,807	Open	12.7	115
6/13/2025	15:15:00	7.5	2.434	1.5	331,826	Open	12.1	115
6/13/2025	15:30:00	7.6	2.252	1.4	331,858	Open	11.9	114
6/13/2025	15:45:00	7.5	2.320	2.9	331,888	Open	12	115
6/13/2025	16:00:00	7.5	2.263	1.1	331,915	Open	11.9	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/13/2025	16:15:00	7.5	2.161	0.7	331,935	Open	12.3	114
6/13/2025	16:30:00	7.5	2.332	1.6	331,964	Open	11.9	115
6/13/2025	16:45:00	7.5	2.226	0.3	331,998	Open	12	115
6/13/2025	17:00:00	7.5	2.131	0.2	332,031	Open	12.1	115
6/13/2025	17:15:00	7.6	0.148	2.1	332,052	Open	12.3	115
6/13/2025	17:30:00	7.6	0.212	0.5	332,075	Open	12.1	115
6/13/2025	17:45:00	7.6	1.014	9.2	332,092	Open	12	115
6/13/2025	18:00:00	7.6	2.180	0.4	332,119	Open	11.9	115
6/13/2025	18:15:00	7.6	2.063	0.2	332,151	Open	12	115
6/13/2025	18:30:00	7.6	2.203	5.7	332,172	Open	12	115
6/13/2025	18:45:00	7.6	2.256	0.3	332,206	Open	12	115
6/13/2025	19:00:00	7.5	2.154	0	332,239	Open	12.2	263
6/13/2025	19:15:00	7.5	2.207	0.5	332,268	Open	12.6	261
6/13/2025	19:30:00	7.5	2.260	0.3	332,298	Open	12	261
6/13/2025	19:45:00	7.5	2.180	0.6	332,331	Open	12	263
6/13/2025	20:00:00	7.5	0.613	2.7	332,352	Open	11.8	263
6/13/2025	20:15:00	7.5	2.320	4.2	332,386	Open	11.9	263
6/13/2025	20:30:00	7.5	2.585	1.8	332,409	Open	11.7	264
6/13/2025	20:45:00	7.4	2.536	1.9	332,447	Open	11.8	264
6/13/2025	21:00:00	7.4	0.473	2.7	332,475	Open	11.7	264
6/13/2025	21:15:00	7.4	2.615	2	332,509	Open	11.8	264
6/13/2025	21:30:00	7.4	0.859	3.6	332,544	Open	11.7	264
6/13/2025	21:45:00	7.4	2.638	1.8	332,575	Open	11.7	264
6/13/2025	22:00:00	7.4	2.547	1.8	332,614	Open	11.7	264
6/13/2025	22:15:00	7.4	2.070	1.6	332,651	Open	11.7	264

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/13/2025	22:30:00	7.4	2.653	2.3	332,678	Open	11.6	264
6/13/2025	22:45:00	7.4	2.173	1.9	332,693	Open	12	264
6/13/2025	23:00:00	7.4	2.593	3.3	332,721	Open	11.7	264
6/13/2025	23:15:00	7.4	0.931	1.3	332,748	Open	11.5	114
6/13/2025	23:30:00	7.4	0.352	2.5	332,782	Open	11.6	266
6/13/2025	23:45:00	7.4	2.483	2.1	332,812	Open	11.6	264
6/14/2025	0:00:00	7.4	2.687	2.1	332,838	Open	11.5	266
6/14/2025	0:15:00	7.4	2.600	4.9	332,867	Open	11.7	266
6/14/2025	0:30:00	7.4	2.044	5.6	332,905	Open	11.6	264
6/14/2025	0:45:00	7.4	0.125	4.6	332,933	Closed	11.7	264
6/14/2025	1:00:00	7.4	2.195	2.4	332,964	Open	11.7	264
6/14/2025	1:15:00	7.4	2.702	2.5	332,990	Open	11.7	264
6/14/2025	1:30:00	7.4	2.544	2.6	333,029	Open	11.6	264
6/14/2025	1:45:00	7.4	2.426	3.3	333,053	Open	11.6	112
6/14/2025	2:00:00	7.4	2.559	5.4	333,079	Open	11.5	112
6/14/2025	2:15:00	7.4	1.060	8.1	333,098	Open	11.5	112
6/14/2025	2:30:00	7.4	1.389	5.9	333,136	Closed	11.5	112
6/14/2025	2:45:00	7.4	1.143	5.8	333,154	Open	11.6	112
6/14/2025	3:00:00	7.5	0.000	3.1	333,172	Closed	11.7	112
6/14/2025	3:15:00	7.4	1.022	4.9	333,197	Open	11.4	114
6/14/2025	3:30:00	7.4	2.612	5.7	333,223	Open	11.6	112
6/14/2025	3:45:00	7.4	1.196	12	333,258	Open	11.6	114
6/14/2025	4:00:00	7.5	2.544	3.1	333,288	Open	11.6	114
6/14/2025	4:15:00	7.4	1.083	4.1	333,314	Open	11.6	114
6/14/2025	4:30:00	7.4	2.347	3.5	333,349	Open	11.7	114



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/14/2025	4:45:00	7.4	0.617	7.3	333,381	Open	11.7	114
6/14/2025	5:00:00	7.4	2.638	5.8	333,409	Open	11.6	114
6/14/2025	5:15:00	7.4	2.078	4.5	333,428	Open	12	112
6/14/2025	5:30:00	7.4	0.193	3.3	333,448	Closed	11.9	112
6/14/2025	5:45:00	7.4	0.897	16.3	333,467	Open	11.8	112
6/14/2025	6:00:00	7.4	2.627	4.4	333,489	Open	11.5	112
6/14/2025	6:15:00	7.4	2.570	5.8	333,514	Open	11.6	112
6/14/2025	6:30:00	7.4	1.086	4.5	333,541	Open	11.4	112
6/14/2025	6:45:00	7.4	1.435	5.9	333,578	Open	11.4	112
6/14/2025	7:00:00	7.4	2.608	4.7	333,599	Open	11.5	112
6/14/2025	7:15:00	7.4	2.559	4.5	333,638	Open	11.4	112
6/14/2025	7:30:00	7.4	2.078	18.9	333,667	Open	11.4	112
6/14/2025	7:45:00	7.4	1.139	7.5	333,703	Open	11.4	112
6/14/2025	8:00:00	7.4	0.254	6.3	333,730	Open	11.4	112
6/14/2025	8:15:00	7.4	2.559	5.1	333,761	Open	11.4	112
6/14/2025	8:30:00	7.5	0.284	6.8	333,788	Open	11.7	114
6/14/2025	8:45:00	7.5	0.564	6.4	333,822	Open	11.6	114
6/14/2025	9:00:00	7.8	2.131	52	333,835	Closed	11.6	270
6/14/2025	9:15:00	7.9	1.783	4.5	333,848	Open	11.5	266
6/14/2025	9:30:00	7.7	2.453	0.3	333,865	Closed	11.4	264
6/14/2025	9:45:00	7.7	0.780	0.1	333,866	Closed	11.6	264
6/14/2025	10:00:00	7.7	2.403	8.4	333,866	Open	12	113
6/14/2025	10:15:00	7.7	2.494	5.6	333,884	Open	11.8	112
6/14/2025	10:30:00	7.7	0.674	0.3	333,916	Open	11.6	112
6/14/2025	10:45:00	7.6	2.449	0.2	333,940	Open	11.5	112



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/14/2025	11:00:00	7.7	0.000	0.7	333,970	Closed	11.7	114
6/14/2025	11:15:00	7.7	0.170	1.6	333,975	Open	11.8	113
6/14/2025	11:30:00	7.6	2.517	0.4	334,000	Open	11.6	112
6/14/2025	11:45:00	7.6	2.456	0.5	334,037	Open	11.6	112
6/14/2025	12:00:00	7.6	2.513	0.4	334,058	Open	11.7	112
6/14/2025	12:15:00	7.6	0.163	0.2	334,087	Open	11.7	114
6/14/2025	12:30:00	7.7	2.426	1.1	334,120	Open	11.6	115
6/14/2025	12:45:00	7.7	1.885	1.9	334,137	Open	11.8	114
6/14/2025	13:00:00	7.7	0.231	2.3	334,154	Open	11.9	114
6/14/2025	13:15:00	7.6	2.438	1	334,190	Open	11.7	114
6/14/2025	13:30:00	7.6	2.400	0.5	334,226	Open	11.7	114
6/14/2025	13:45:00	7.5	2.441	0	334,250	Open	11.8	114
6/14/2025	14:00:00	7.4	2.612	0.1	334,279	Open	11.8	114
6/14/2025	14:15:00	7.4	1.662	0.3	334,317	Open	12	114
6/14/2025	14:30:00	7.5	0.310	0.4	334,343	Open	12	114
6/14/2025	14:45:00	7.5	2.483	0.3	334,373	Open	12	114
6/14/2025	15:00:00	7.5	1.026	0.4	334,387	Open	12.5	261
6/14/2025	15:15:00	7.5	2.589	0.1	334,416	Open	12.1	114
6/14/2025	15:30:00	7.5	2.544	0.5	334,455	Open	12.1	115
6/14/2025	15:45:00	7.5	2.525	0.6	334,493	Open	12.1	114
6/14/2025	16:00:00	7.5	2.048	0.2	334,525	Open	12.2	115
6/14/2025	16:15:00	7.5	2.509	1	334,561	Open	12.2	114
6/14/2025	16:30:00	7.5	2.472	4.4	334,598	Open	12.3	114
6/14/2025	16:45:00	7.5	2.021	0	334,624	Open	12.3	114
6/14/2025	17:00:00	7.5	0.276	0.1	334,642	Open	12.6	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/14/2025	17:15:00	7.6	0.148	0.7	334,672	Open	12.3	115
6/14/2025	17:30:00	7.5	2.487	0	334,693	Open	12.3	114
6/14/2025	17:45:00	7.6	1.832	0.2	334,717	Open	12.6	114
6/14/2025	18:00:00	7.5	2.513	1.7	334,751	Open	12.4	115
6/14/2025	18:15:00	7.6	2.472	1	334,789	Open	12.4	115
6/14/2025	18:30:00	7.5	1.987	0	334,812	Open	12.5	261
6/14/2025	18:45:00	7.5	2.494	0	334,848	Open	12.2	114
6/14/2025	19:00:00	7.5	0.469	0	334,881	Open	12.3	115
6/14/2025	19:15:00	7.5	2.021	0	334,907	Open	12.2	115
6/14/2025	19:30:00	7.5	2.472	0	334,923	Open	12.3	115
6/14/2025	19:45:00	7.5	2.434	0	334,960	Open	12.1	115
6/14/2025	20:00:00	7.5	2.419	0.6	334,984	Open	12.1	115
6/14/2025	20:15:00	7.5	2.532	0	335,015	Open	11.9	115
6/14/2025	20:30:00	7.5	2.483	0.3	335,053	Open	11.9	115
6/14/2025	20:45:00	7.5	2.487	0.2	335,079	Open	12.1	115
6/14/2025	21:00:00	7.4	1.317	1.1	335,101	Open	11.8	114
6/14/2025	21:15:00	7.4	2.494	0.4	335,137	Open	11.7	115
6/14/2025	21:30:00	7.4	2.483	0.3	335,174	Open	11.7	114
6/14/2025	21:45:00	7.5	2.029	0.3	335,202	Open	11.7	114
6/14/2025	22:00:00	7.5	2.494	0.9	335,233	Open	11.6	114
6/14/2025	22:15:00	7.5	2.509	0.7	335,251	Open	11.7	114
6/14/2025	22:30:00	7.5	0.178	0.9	335,282	Open	11.6	114
6/14/2025	22:45:00	7.5	2.502	0.4	335,310	Open	11.5	113
6/14/2025	23:00:00	7.5	2.506	2.2	335,335	Open	11.6	114
6/14/2025	23:15:00	7.5	2.487	1.7	335,372	Open	11.5	114

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/14/2025	23:30:00	7.4	1.177	2.5	335,400	Open	11.4	114
6/14/2025	23:45:00	7.4	2.506	0.8	335,437	Open	11.5	114
6/15/2025	0:00:00	7.4	2.570	1.6	335,463	Open	11.5	114
6/15/2025	0:15:00	7.4	1.597	3.9	335,499	Open	11.4	114
6/15/2025	0:30:00	7.5	0.208	1.6	335,525	Open	11.5	114
6/15/2025	0:45:00	7.5	0.341	1.8	335,549	Open	11.6	266
6/15/2025	1:00:00	7.4	2.532	2.2	335,571	Open	11.6	264
6/15/2025	1:15:00	7.5	2.566	2	335,595	Open	11.8	264
6/15/2025	1:30:00	7.4	2.521	1.2	335,633	Open	11.6	264
6/15/2025	1:45:00	7.4	0.170	1.5	335,664	Open	11.7	264
6/15/2025	2:00:00	7.4	2.036	0.6	335,688	Open	11.6	264
6/15/2025	2:15:00	7.4	2.540	0.2	335,714	Open	11.5	261
6/15/2025	2:30:00	7.5	2.513	1	335,741	Open	11.7	112
6/15/2025	2:45:00	7.4	1.329	6.4	335,775	Open	11.4	112
6/15/2025	3:00:00	7.5	2.555	0.8	335,794	Open	11.4	112
6/15/2025	3:15:00	7.4	2.536	1.2	335,832	Open	11.4	112
6/15/2025	3:30:00	7.4	2.517	1.9	335,859	Open	11.4	112
6/15/2025	3:45:00	7.4	2.551	1.8	335,881	Open	11.7	112
6/15/2025	4:00:00	7.4	2.506	1.5	335,910	Open	11.3	112
6/15/2025	4:15:00	7.4	2.513	2	335,937	Open	11.3	112
6/15/2025	4:30:00	7.4	1.389	1.6	335,965	Open	11.3	112
6/15/2025	4:45:00	7.5	0.201	1.5	335,999	Open	11.4	112
6/15/2025	5:00:00	7.5	2.438	0.4	336,025	Open	11.4	113
6/15/2025	5:15:00	7.5	2.025	2	336,047	Open	11.5	112
6/15/2025	5:30:00	7.5	0.208	0.7	336,075	Open	11.5	113

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/15/2025	5:45:00	7.5	2.456	0.8	336,106	Open	11.3	112
6/15/2025	6:00:00	7.5	0.269	0.2	336,126	Open	11.5	112
6/15/2025	6:15:00	7.5	2.570	0.5	336,158	Open	11.4	112
6/15/2025	6:30:00	7.5	0.257	0.5	336,179	Open	11.6	112
6/15/2025	6:45:00	7.5	2.544	1.7	336,199	Open	11.6	112
6/15/2025	7:00:00	7.5	2.112	0.8	336,231	Open	11.4	111
6/15/2025	7:15:00	7.5	2.566	2.1	336,258	Open	11.3	111
6/15/2025	7:30:00	7.5	0.568	0.8	336,284	Open	11.3	111
6/15/2025	7:45:00	7.4	1.370	3.3	336,318	Open	11.2	111
6/15/2025	8:00:00	7.4	2.445	0.5	336,343	Open	11.2	111
6/15/2025	8:15:00	7.4	2.445	0.9	336,380	Open	11.4	112
6/15/2025	8:30:00	7.5	0.246	1.5	336,403	Open	11.6	112
6/15/2025	8:45:00	7.4	0.250	1.1	336,416	Open	11.7	112
6/15/2025	9:00:00	7.4	2.441	1.3	336,446	Open	11.5	114
6/15/2025	9:15:00	7.5	2.453	1	336,470	Open	11.7	114
6/15/2025	9:30:00	7.5	2.438	1.8	336,503	Open	11.7	114
6/15/2025	9:45:00	7.5	2.426	0.3	336,540	Open	11.6	114
6/15/2025	10:00:00	7.5	2.449	1.2	336,562	Open	11.9	114
6/15/2025	10:15:00	7.5	1.972	1.4	336,597	Open	11.9	114
6/15/2025	10:30:00	7.5	0.167	0.2	336,619	Open	12.2	114
6/15/2025	10:45:00	7.4	2.415	0.6	336,637	Open	12	114
6/15/2025	11:00:00	7.4	2.422	0.6	336,669	Open	12	114
6/15/2025	11:15:00	7.4	2.453	0.1	336,702	Open	12	114
6/15/2025	11:30:00	7.5	2.411	1.7	336,739	Open	12.1	114
6/15/2025	11:45:00	7.5	0.189	2	336,764	Open	12.3	114



Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/15/2025	12:00:00	7.5	0.182	5.5	336,780	Open	12.4	114
6/15/2025	12:15:00	7.5	2.407	0.2	336,804	Open	12.3	114
6/15/2025	12:30:00	7.5	2.419	0.5	336,828	Open	12.4	114
6/15/2025	12:45:00	7.5	1.915	2.7	336,863	Open	12.4	114
6/15/2025	13:00:00	7.5	2.415	0.3	336,894	Open	12.4	114
6/15/2025	13:15:00	7.5	2.400	0.7	336,930	Open	12.5	114
6/15/2025	13:30:00	7.5	2.407	1.1	336,956	Open	12.8	116
6/15/2025	13:45:00	7.5	2.415	0	336,988	Open	12.6	117
6/15/2025	14:00:00	7.5	2.419	0.5	337,020	Open	12.7	116
6/15/2025	14:15:00	7.5	2.377	0.3	337,056	Open	12.7	116
6/15/2025	14:30:00	7.5	2.434	1	337,080	Open	12.9	114
6/15/2025	14:45:00	7.5	0.178	0.4	337,110	Open	12.8	114
6/15/2025	15:00:00	7.5	0.458	0.3	337,128	Open	12.8	114
6/15/2025	15:15:00	7.5	1.495	0.8	337,140	Open	12.8	114
6/15/2025	15:30:00	7.5	2.475	0.3	337,174	Open	12.8	114
6/15/2025	15:45:00	7.5	2.475	1.4	337,197	Open	13	114
6/15/2025	16:00:00	7.5	2.472	0.8	337,225	Open	12.6	114
6/15/2025	16:15:00	7.5	2.483	0.2	337,259	Open	12.8	114
6/15/2025	16:30:00	7.5	2.441	0.3	337,296	Open	12.9	114
6/15/2025	16:45:00	7.5	2.422	0.7	337,333	Open	12.9	115
6/15/2025	17:00:00	7.5	2.434	1.7	337,356	Open	13	115
6/15/2025	17:15:00	7.5	1.904	0.5	337,371	Open	13.2	114
6/15/2025	17:30:00	7.5	2.445	0.6	337,408	Open	12.7	115
6/15/2025	17:45:00	7.5	2.051	1.1	337,433	Open	12.8	115
6/15/2025	18:00:00	7.5	2.460	1	337,464	Open	12.6	116

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Date	Time	Discharge pH	Flow Rate (m3)	Discharge NTU	Flow Total (m3)	Discharge Valve Status	Discharge Temperature (°C)	Discharge Conductivity (uS/cm)
6/15/2025	18:15:00	7.5	2.449	0.7	337,478	Open	13.2	116
6/15/2025	18:30:00	7.5	2.419	0.9	337,515	Open	12.8	116
6/15/2025	18:45:00	7.5	1.446	1.3	337,530	Open	13.5	116
6/15/2025	19:00:00	7.5	2.536	0	337,558	Open	12.7	117
6/15/2025	19:15:00	7.5	2.460	0	337,596	Open	12.6	116
6/15/2025	19:30:00	7.6	2.525	0	337,617	Open	12.7	114
6/15/2025	19:45:00	7.6	2.449	0	337,654	Open	12.4	114
6/15/2025	20:00:00	7.6	2.453	0	337,678	Open	12.4	114
6/15/2025	20:15:00	7.6	1.291	12.1	337,712	Open	12.3	114
6/15/2025	20:30:00	7.5	1.120	0	337,732	Open	12.1	114
6/15/2025	20:45:00	7.5	2.362	0	337,749	Open	12.2	114
6/15/2025	21:00:00	7.5	2.491	0.1	337,786	Open	11.9	114
6/15/2025	21:15:00	7.5	2.521	0	337,820	Open	11.9	115
6/15/2025	21:30:00	7.5	0.231	0.6	337,850	Open	12	114
6/15/2025	21:45:00	7.5	2.506	0.8	337,881	Open	11.8	114
6/15/2025	22:00:00	7.5	0.382	0.7	337,909	Open	11.7	115
6/15/2025	22:15:00	7.5	2.509	0.1	337,938	Open	11.7	114
6/15/2025	22:30:00	7.5	0.193	0	337,973	Open	11.7	114
6/15/2025	22:45:00	7.5	1.287	1.5	337,993	Open	11.6	114
6/15/2025	23:00:00	7.5	2.419	0.4	338,025	Open	11.5	114
6/15/2025	23:15:00	7.5	0.151	0.4	338,050	Open	11.7	114
6/15/2025	23:30:00	7.5	1.930	0.1	338,072	Open	11.6	115
6/15/2025	23:45:00	7.5	2.426	0.1	338,095	Open	11.6	114



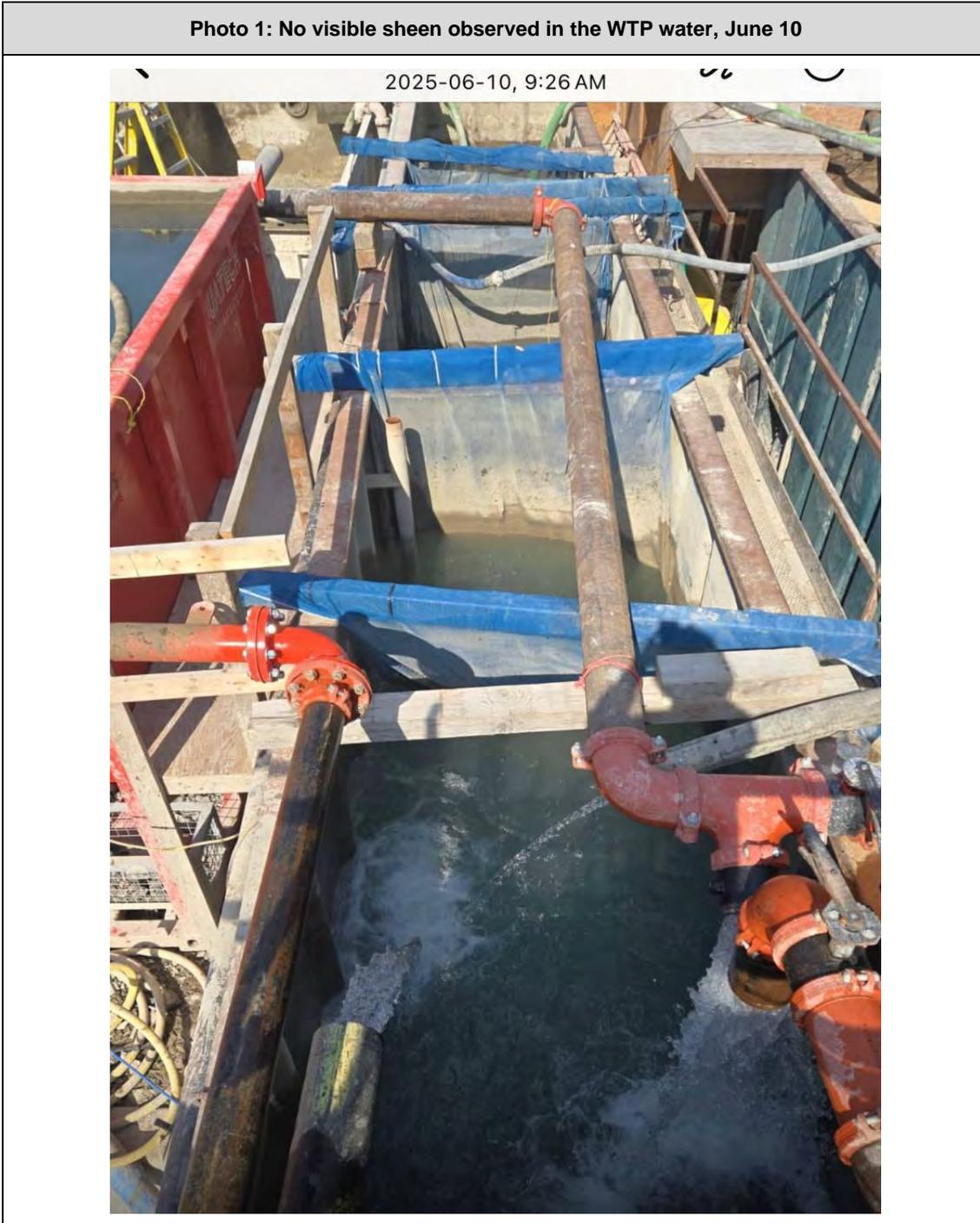
Eagle Mountain- Woodfibre Gas Pipeline Project- Tunnel Scope

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by: Approved by: Date:	SD BC2 June 20, 2025

Appendix B: Photos

Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	June 20, 2025

Photo 1: No visible sheen observed in the WTP water, June 10



Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	June 20, 2025

Photo 2: No visible sheen observed in the WTP water, June 12

2025-06-12, 8:40 AM



Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	June 20, 2025

Photo 3: No visible sheen observed in the WTP water, June 15

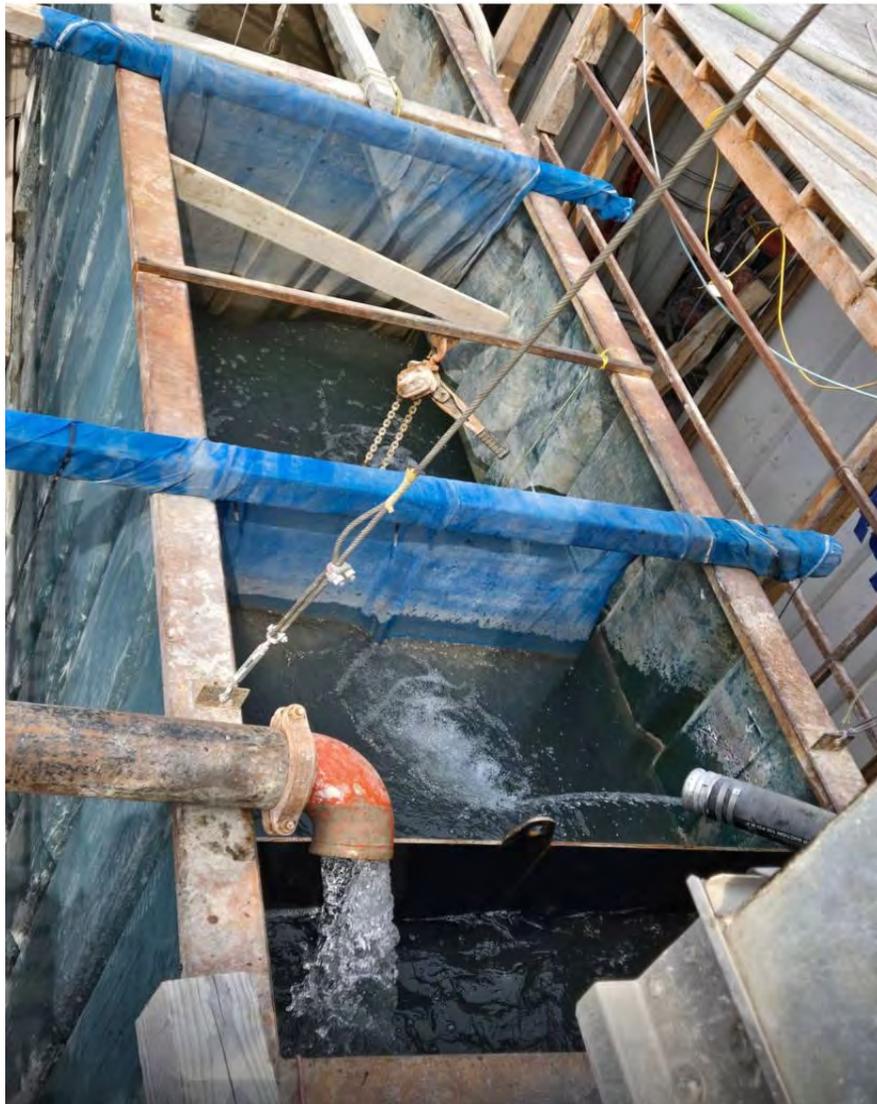
2025-06-15, 6:32 PM



Title	WoodFibre Weekly Water Discharge Report	Revision:	0
Data Date Range	June 09, 2025 to June 15, 2025	Prepared by:	SD
		Approved by:	BC2
		Date:	June 20, 2025

Photo 4: No visible sheen observed in the WTP water, June 16

2025-06-16, 10:32 AM



 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	June 9 th to June 15 th , 2025
	Report #	64
	Appendix D	D-1

Appendix D: Woodfibre Site Receiving Environment Documentation



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

Reporting Week	June 9 th to June 15 th , 2025
Report #	64
Appendix D	D-2

Woodfibre Site Receiving Environment Sample Analysis



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max ^{1 2}	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max ^{1 2}	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average ^{1 2}	WLNG US 2025-06-10 10:27:00 ³	WLNG DS 2025-06-10 11:02:00 ³
In situ Parameters									
Field pH	pH Units	6.5 - 9			7 - 8.7			6.34	7.14
Field Temperature	°C	18	19					13.6	12.2
General Parameters									
pH	pH Units							7.8	6.99
Alkalinity (Total as CaCO ₃)	mg/L							45	6.6
Alkalinity (PP as CaCO ₃)	mg/L							<1	<1
Hardness (CaCO ₃)-Total	mg/L							36.7	6.93
Hardness (CaCO ₃)-Dissolved	mg/L							37.8	6.15
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	1.78	17.2		20	131		<0.015	<0.015
Bicarbonate (HCO ₃)	mg/L							55	8.1
Carbonate (CO ₃)	mg/L							<1	<1
Hydroxide (OH)	mg/L							<1	<1
Nitrate (N)	mg/L	3	32.8		3.7			<0.02	0.029
Nitrite (N)	mg/L	0.02	0.06					<0.005	<0.005
Nitrate plus Nitrite (N)	mg/L							<0.02	0.029
Nitrogen (N)-Total	mg/L							0.122	0.077
Phosphorus (P)-Total (4500-P)	mg/L							0.0036	0.0059
Bromide (Br)	mg/L							<0.01	<0.01
Chloride (Cl)	mg/L	150	600					5.3	<1
Fluoride (F)	mg/L		0.4			1.5		0.13	<0.05
Sulphate (SO ₄)-Dissolved	mg/L	128						6.3	1.7

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 ^{1 2}	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max ^{1 2}	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max ^{1 2}	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average ^{1 2}	WLNG US 2025-06-10 10:27:00 ³	WLNG DS 2025-06-10 11:02:00 ³
Total Metals									
Aluminum (Al)-Total	mg/L	0.034829						0.0287	0.0418
Antimony (Sb)-Total	mg/L	0.074	0.25					0.000389	0.000024
Arsenic (As)-Total	mg/L	0.005			0.0125			0.00117	0.000109
Barium (Ba)-Total	mg/L			1				0.00479	0.00377
Beryllium (Be)-Total	mg/L			0.00013			0.1	<0.00001	0.000011
Bismuth (Bi)-Total	mg/L							<0.00001	<0.000005
Boron (B)-Total	mg/L	1.2			1.2			0.011	<0.01
Cadmium (Cd)-Total	mg/L						0.00012	0.000008	<0.000005
Calcium (Ca)-Total	mg/L							13.5	2.29
Cesium (Cs)-Total	mg/L							<0.00005	<0.00005
Chromium (Cr)-Total	mg/L							<0.0001	<0.0001
Chromium (Cr III)-Total	mg/L			0.0089			0.056	<0.00099	<0.00099
Chromium (Cr VI)-Total	mg/L			0.0025			0.0015	<0.00099	<0.00099
Cobalt (Co)-Total	mg/L	0.000389	0.11					0.00004	0.0000115
Copper (Cu)-Total	mg/L				0.002	0.003		<0.0001	0.000428
Iron (Fe)-Total	mg/L		1					<0.005	0.0262
Lead (Pb)-Total	mg/L				0.002	0.14		<0.00002	0.0000116
Lithium (Li)-Total	mg/L							0.00194	<0.0005
Magnesium (Mg)-Total	mg/L							0.74	0.294
Manganese (Mn)-Total	mg/L	0.635	0.616				0.1	0.00747	0.000392
Mercury (Hg)-Total	mg/L	0.00002			0.00002			<0.0000019	<0.0000019
Molybdenum (Mo)-Total	mg/L	7.6	46					0.0157	0.000179
Nickel (Ni)-Total	mg/L						0.0083	0.00012	0.000217
Phosphorus (P)-Total (ICPMS)	mg/L							<0.005	0.0025
Potassium (K)-Total	mg/L							1.23	0.21
Rubidium (Rb)-Total	mg/L							0.00246	0.000545
Selenium (Se)-Total	mg/L	0.002			0.002			0.000053	<0.00004
Silicon (Si)-Total	mg/L							5.51	5.29
Silver (Ag)-Total	mg/L	0.00012				0.0037	0.0005	<0.00001	<0.000005
Sodium (Na)-Total	mg/L							3.64	2.17
Strontium (Sr)-Total	mg/L							0.0323	0.0127
Sulphur (S)-Total	mg/L							<3	<3
Tellurium (Te)-Total	mg/L							<0.00002	<0.00002
Thallium (Tl)-Total	mg/L			0.00003				0.000009	<0.000002
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	<0.0005
Uranium (U)-Total	mg/L		0.0165	0.0075				0.000184	0.0000378
Vanadium (V)-Total	mg/L			0.06			0.005	<0.0002	<0.0002
Zinc (Zn)-Total	mg/L				0.01	0.055		<0.001	0.00055
Zirconium (Zr)-Total	mg/L							<0.0001	<0.0001

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

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

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



Analyte	Unit	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max ^{1 2}	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max ^{1 2}	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average ^{1 2}	WLNG US 2025-06-10 10:27:00 ³	WLNG DS 2025-06-10 11:02:00 ³
Dissolved Metals									
Aluminum (Al)-Dissolved	mg/L							0.0529	0.03
Antimony (Sb)-Dissolved	mg/L							0.000322	0.000023
Arsenic (As)-Dissolved	mg/L							0.000886	0.000077
Barium (Ba)-Dissolved	mg/L							0.00566	0.00363
Beryllium (Be)-Dissolved	mg/L							<0.00001	<0.00001
Bismuth (Bi)-Dissolved	mg/L							<0.000005	<0.000005
Boron (B)-Dissolved	mg/L							0.011	<0.01
Cadmium (Cd)-Dissolved	mg/L	0.00003	0.000038					0.000009	<0.000005
Calcium (Ca)-Dissolved	mg/L							13.9	2.07
Cesium (Cs)-Dissolved	mg/L							<0.00005	<0.00005
Chromium (Cr)-Dissolved	mg/L							<0.0001	<0.0001
Cobalt (Co)-Dissolved	mg/L							0.000051	0.000016
Copper (Cu)-Dissolved	mg/L	0.0002	0.00036					0.000161	0.000427
Iron (Fe)-Dissolved	mg/L		0.35					0.0058	0.0212
Lead (Pb)-Dissolved	mg/L	0.001536						0.000008	<0.000005
Lithium (Li)-Dissolved	mg/L							0.00167	<0.0005
Manganese (Mn)-Dissolved	mg/L							0.00912	0.00106
Magnesium (Mg)-Dissolved	mg/L							0.712	0.239
Mercury (Hg)-Dissolved	mg/L							<0.000019	0.000002
Molybdenum (Mo)-Dissolved	mg/L							0.0107	0.000187
Nickel (Ni)-Dissolved	mg/L	0.0006	0.0096					0.000158	0.000197
Phosphorus (P)-Dissolved	mg/L							0.0021	<0.002
Potassium (K)-Dissolved	mg/L							1.08	0.168
Rubidium (Rb)-Dissolved	mg/L							0.00218	0.000338
Selenium (Se)-Dissolved	mg/L							<0.00004	<0.00004
Silicon (Si)-Dissolved	mg/L							5.77	4.89
Silver (Ag)-Dissolved	mg/L							<0.000005	<0.000005
Sodium (Na)-Dissolved	mg/L							3.42	1.51
Strontium (Sr)-Dissolved	mg/L			1.25				0.0304	0.0122
Sulphur (S)-Dissolved	mg/L							<3	<3
Tellurium (Te)-Dissolved	mg/L							<0.00002	<0.00002
Thallium (Tl)-Dissolved	mg/L							0.00001	<0.000002
Thorium (Th)-Dissolved	mg/L							0.000006	<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							0.000869	0.000045
Vanadium (V)-Dissolved	mg/L							0.00029	<0.0002
Zinc (Zn)-Dissolved	mg/L	0.003705	0.008555					0.00097	0.00049
Zirconium (Zr)-Dissolved	mg/L							<0.0001	<0.0001

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

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

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.



<i>Analyte</i>	<i>Unit</i>	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Freshwater Aquatic Life - Short Term Max ^{1 2}	BC Working Water Quality Guideline - Freshwater Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Marine Aquatic Life - Long Term Average ^{1 2}	BC Approved Water Quality Guideline - Marine Aquatic Life - Short Term Max ^{1 2}	BC Working Water Quality Guideline - Marine Aquatic Life - Long Term Average ^{1 2}	WLNG US 2025-06-10 10:27:00 ³	WLNG DS 2025-06-10 11:02:00 ³
Inorganics									
Organic Carbon (C)-Total	mg/L							1.7	1.7
Organic Carbon (C)-Dissolved	mg/L							1.5	1.7
Solids-Total Dissolved	mg/L							64	22
Solids-Total Suspended	mg/L	6.2	26.2					1.2	<1

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

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

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



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

Reporting Week	June 9 th to June 15 th , 2025
Report #	64
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-DS Date: June 10, 2025
Site Name: East Creek Time: 10:20
Site UTM: Zone: E: Crew: AF
(NAD83) N: Weather: Clear

In Situ Parameters

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

Visible Sheen: Y / N

Water Surface Condition: Clear Turbid Foaming Ice

Photo Record

Photo



Photo



Photo

Observations

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG-EOP Date: June 10, 2025
Site Name: East Creek Time: 10:45
Site UTM: Zone: E: Crew: JC
(NAD83) N: Weather: Clear, smokey

In Situ Parameters

pH: 6.77 DO: 2.6 (mg/L)
Temp.: 12.2 (°C) ORP: 44.2 (us)
Turbidity: 5.47 NTU
Visible Sheen: NA
Water Surface Condition: Clear

Photo Record

Photo



Photo

Photo

Observations

Water Quality Field Data Sheet



Hatfield

Project: FORTIS11234

Location Information

Site ID: WLNG-US Date: June 10, 2025
Site Name: East Creek Time: 10:27
Site UTM: Zone: E Crew: JC
(NAD83) N: _____ Weather: Clear, smokey

In Situ Parameters

pH: 6.34 DO: 1.56 (mg/L)
Temp.: 13.6 (°C) ORP: 78.6 (mV)
Turbidity: 0.01 NTU
Visible Sheen: N
Water Surface Condition: Clear Foaming

Photo Record

Photo



Photo



Photo

Observations

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-06-09 00:00:00	11.524	109.957	0.004	8.525	10.154	6.518
EAS-DS	2025-06-09 01:00:00	12.104	101.960	0.002	8.485	9.869	4.107
EAS-DS	2025-06-09 02:00:00	11.454	113.166	0.001	8.546	10.142	4.079
EAS-DS	2025-06-09 03:00:00	11.865	105.326	0.005	8.555	9.940	2.071
EAS-DS	2025-06-09 04:00:00	11.409	120.537	0.000	8.512	10.161	5.252
EAS-DS	2025-06-09 05:00:00	11.377	115.791	-0.002	8.529	10.176	3.837
EAS-DS	2025-06-09 06:00:00	11.340	115.523	-0.003	8.531	10.181	5.401
EAS-DS	2025-06-09 07:00:00	11.459	106.529	-0.003	8.529	10.136	4.773
EAS-DS	2025-06-09 08:00:00	11.338	112.469	-0.001	8.534	10.201	5.980
EAS-DS	2025-06-09 09:00:00	11.526	111.942	-0.001	8.563	10.157	6.660
EAS-DS	2025-06-09 10:00:00	11.839	112.871	-0.002	8.571	10.086	9.232
EAS-DS	2025-06-09 11:00:00	12.204	110.931	0.000	8.581	9.977	5.321
EAS-DS	2025-06-09 12:00:00	12.445	112.162	0.000	8.596	9.969	16.003
EAS-DS	2025-06-09 13:00:00	13.005	103.412	-0.001	8.616	9.827	3.682
EAS-DS	2025-06-09 14:00:00	12.955	111.966	-0.002	8.604	9.813	8.633
EAS-DS	2025-06-09 15:00:00	13.035	114.066	0.001	8.588	9.803	7.601
EAS-DS	2025-06-09 16:00:00	12.833	113.562	-0.003	8.587	9.836	4.473
EAS-DS	2025-06-09 17:00:00	12.757	113.260	-0.004	8.597	9.859	8.107
EAS-DS	2025-06-09 18:00:00	12.423	113.217	-0.004	8.608	9.925	21.524
EAS-DS	2025-06-09 19:00:00	11.985	112.663	-0.001	8.581	9.994	4.758
EAS-DS	2025-06-09 20:00:00	11.896	113.409	-0.004	8.564	10.035	14.778
EAS-DS	2025-06-09 21:00:00	11.676	114.538	-0.001	8.540	10.107	7.336
EAS-DS	2025-06-09 22:00:00	11.735	114.925	-0.003	8.545	10.045	9.772
EAS-DS	2025-06-09 23:00:00	11.655	115.778	-0.003	8.535	10.096	12.210
EAS-DS	2025-06-10 00:00:00	11.535	115.785	-0.002	8.524	10.153	9.314
EAS-DS	2025-06-10 01:00:00	11.876	97.519	-0.003	8.537	9.967	5.303
EAS-DS	2025-06-10 02:00:00	11.285	116.152	0.002	8.554	10.197	8.185
EAS-DS	2025-06-10 03:00:00	11.315	114.138	0.008	8.508	10.190	10.716
EAS-DS	2025-06-10 04:00:00	11.350	121.331	-0.005	8.584	10.180	16.600
EAS-DS	2025-06-10 05:00:00	11.188	119.394	-0.004	8.591	10.241	8.001
EAS-DS	2025-06-10 06:00:00	11.079	115.236	0.003	8.538	10.254	8.429
EAS-DS	2025-06-10 07:00:00	11.284	115.885	-0.002	8.548	10.185	8.296
EAS-DS	2025-06-10 08:00:00	11.281	114.937	0.002	8.522	10.196	11.085
EAS-DS	2025-06-10 09:00:00	11.508	116.785	-0.003	8.559	10.148	11.443
EAS-DS	2025-06-10 10:00:00	11.863	118.952	-0.006	8.579	10.063	5.324
EAS-DS	2025-06-10 11:00:00	12.197	119.477	-0.007	8.608	10.004	11.179
EAS-DS	2025-06-10 12:00:00	13.496	84.351	-0.006	8.521	9.676	0.234
EAS-DS	2025-06-10 13:00:00	12.787	117.507	-0.011	8.595	9.901	5.607
EAS-DS	2025-06-10 14:00:00	13.185	109.974	-0.011	8.595	9.771	2.765
EAS-DS	2025-06-10 15:00:00	12.695	114.114	-0.008	8.585	9.939	3.791
EAS-DS	2025-06-10 16:00:00	12.389	113.700	-0.003	8.592	9.958	15.649
EAS-DS	2025-06-10 17:00:00	12.298	113.974	-0.002	8.592	9.998	3.909
EAS-DS	2025-06-10 18:00:00	12.296	114.878	-0.007	8.581	9.957	5.544
EAS-DS	2025-06-10 19:00:00	12.279	115.815	-0.009	8.585	9.997	3.158
EAS-DS	2025-06-10 20:00:00	11.817	114.854	-0.005	8.569	10.081	5.400
EAS-DS	2025-06-10 21:00:00	11.501	114.694	0.002	8.555	10.171	3.364
EAS-DS	2025-06-10 22:00:00	11.451	113.971	0.002	8.545	10.168	4.576
EAS-DS	2025-06-10 23:00:00	11.438	116.940	0.001	8.529	10.182	5.152
EAS-DS	2025-06-11 00:00:00	11.522	118.526	-0.008	8.534	10.137	7.605
EAS-DS	2025-06-11 01:00:00	11.443	120.729	-0.007	8.533	10.165	1.678
EAS-DS	2025-06-11 02:00:00	11.196	121.339	-0.003	8.531	10.229	8.646
EAS-DS	2025-06-11 03:00:00	11.401	112.511	-0.001	8.538	10.156	3.343
EAS-DS	2025-06-11 04:00:00	11.096	119.542	0.003	8.531	10.279	17.765
EAS-DS	2025-06-11 05:00:00	11.083	116.151	0.003	8.519	10.299	5.590
EAS-DS	2025-06-11 06:00:00	11.085	115.934	0.002	8.542	10.262	6.111
EAS-DS	2025-06-11 07:00:00	11.139	113.336	-0.002	8.519	10.279	3.762
EAS-DS	2025-06-11 08:00:00	11.118	114.174	-0.005	8.518	10.271	10.118
EAS-DS	2025-06-11 09:00:00	11.394	115.755	-0.009	8.559	10.218	5.924
EAS-DS	2025-06-11 10:00:00	11.668	115.450	-0.007	8.573	10.133	12.561
EAS-DS	2025-06-11 11:00:00	12.062	115.815	-0.010	8.585	10.077	7.686

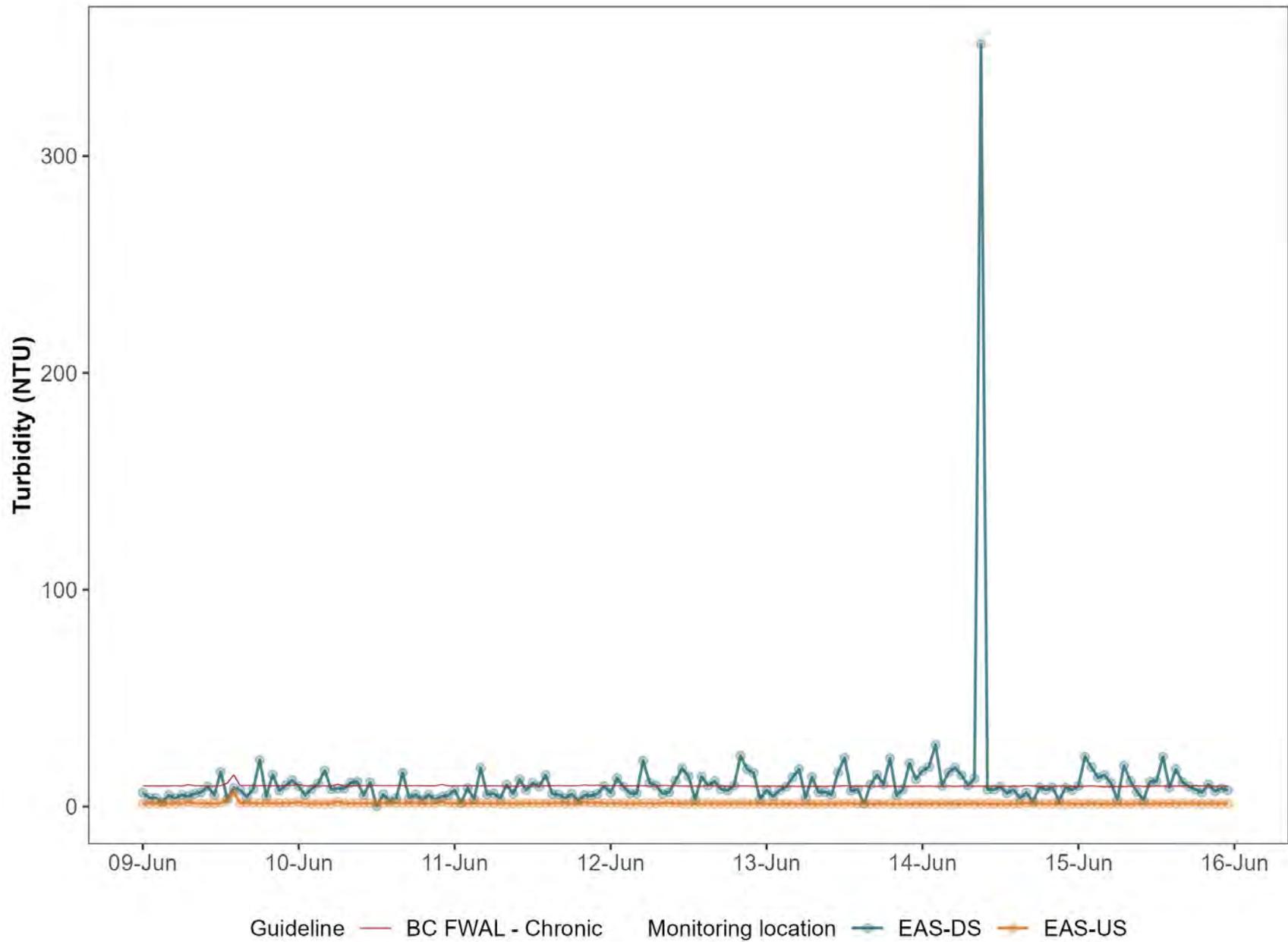
East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-06-11 12:00:00	12.276	113.959	-0.006	8.597	10.005	10.874
EAS-DS	2025-06-11 13:00:00	12.350	112.334	0.006	8.593	9.992	9.264
EAS-DS	2025-06-11 14:00:00	12.394	114.054	-0.004	8.610	10.003	14.499
EAS-DS	2025-06-11 15:00:00	12.697	116.929	-0.003	8.620	9.936	5.954
EAS-DS	2025-06-11 16:00:00	13.381	97.908	-0.004	8.591	9.673	5.574
EAS-DS	2025-06-11 17:00:00	12.430	114.618	0.001	8.621	9.975	3.885
EAS-DS	2025-06-11 18:00:00	12.105	114.758	-0.002	8.600	10.044	5.870
EAS-DS	2025-06-11 19:00:00	11.903	113.203	-0.006	8.611	10.077	2.803
EAS-DS	2025-06-11 20:00:00	11.766	116.580	-0.005	8.583	10.109	5.295
EAS-DS	2025-06-11 21:00:00	11.606	116.266	-0.008	8.566	10.164	5.024
EAS-DS	2025-06-11 22:00:00	11.346	115.823	-0.002	8.557	10.202	5.954
EAS-DS	2025-06-11 23:00:00	11.222	118.047	0.000	8.527	10.261	9.441
EAS-DS	2025-06-12 00:00:00	11.177	117.222	0.007	8.532	10.260	6.416
EAS-DS	2025-06-12 01:00:00	11.705	90.354	0.010	8.450	10.017	13.139
EAS-DS	2025-06-12 02:00:00	11.316	120.152	-0.005	8.532	10.235	9.173
EAS-DS	2025-06-12 03:00:00	11.328	121.339	-0.006	8.553	10.221	6.151
EAS-DS	2025-06-12 04:00:00	11.790	81.617	0.001	8.431	10.029	6.073
EAS-DS	2025-06-12 05:00:00	11.172	121.903	-0.001	8.473	10.280	21.147
EAS-DS	2025-06-12 06:00:00	11.132	121.555	0.003	8.478	10.253	11.015
EAS-DS	2025-06-12 07:00:00	11.625	92.977	0.008	8.438	10.036	9.678
EAS-DS	2025-06-12 08:00:00	11.426	104.032	0.008	8.516	10.080	5.951
EAS-DS	2025-06-12 09:00:00	11.283	117.647	-0.001	8.534	10.264	6.748
EAS-DS	2025-06-12 10:00:00	11.528	113.837	0.001	8.536	10.135	12.087
EAS-DS	2025-06-12 11:00:00	11.599	112.861	-0.004	8.550	10.138	17.659
EAS-DS	2025-06-12 12:00:00	12.078	112.138	-0.003	8.572	10.025	13.955
EAS-DS	2025-06-12 13:00:00	11.800	100.729	0.001	8.538	10.035	3.232
EAS-DS	2025-06-12 14:00:00	11.480	116.798	-0.005	8.568	10.224	13.826
EAS-DS	2025-06-12 15:00:00	11.605	113.517	-0.008	8.572	10.186	9.701
EAS-DS	2025-06-12 16:00:00	11.536	120.629	-0.008	8.569	10.200	11.676
EAS-DS	2025-06-12 17:00:00	11.354	117.096	-0.006	8.562	10.255	8.081
EAS-DS	2025-06-12 18:00:00	11.461	116.369	-0.007	8.583	10.174	7.369
EAS-DS	2025-06-12 19:00:00	11.301	118.249	-0.006	8.561	10.262	9.794
EAS-DS	2025-06-12 20:00:00	11.251	117.459	-0.007	8.544	10.262	23.354
EAS-DS	2025-06-12 21:00:00	11.213	118.375	-0.008	8.545	10.280	17.328
EAS-DS	2025-06-12 22:00:00	11.081	118.010	-0.005	8.547	10.289	15.553
EAS-DS	2025-06-12 23:00:00	11.032	114.263	0.000	8.548	10.268	3.435
EAS-DS	2025-06-13 00:00:00	10.921	116.920	-0.002	8.544	10.319	7.635
EAS-DS	2025-06-13 01:00:00	10.978	116.884	0.004	8.562	10.288	4.769
EAS-DS	2025-06-13 02:00:00	11.167	107.728	0.006	8.548	10.231	7.501
EAS-DS	2025-06-13 03:00:00	11.060	115.162	0.008	8.533	10.261	9.110
EAS-DS	2025-06-13 04:00:00	10.984	119.837	0.001	8.541	10.312	13.430
EAS-DS	2025-06-13 05:00:00	10.905	119.096	0.002	8.541	10.358	17.235
EAS-DS	2025-06-13 06:00:00	11.270	92.056	0.003	8.492	10.195	4.115
EAS-DS	2025-06-13 07:00:00	10.874	116.337	0.008	8.528	10.362	13.661
EAS-DS	2025-06-13 08:00:00	11.036	108.836	0.001	8.546	10.263	6.703
EAS-DS	2025-06-13 09:00:00	10.949	115.963	0.002	8.535	10.348	6.747
EAS-DS	2025-06-13 10:00:00	11.576	76.819	0.005	8.468	10.128	5.458
EAS-DS	2025-06-13 11:00:00	11.198	117.070	-0.002	8.576	10.309	15.764
EAS-DS	2025-06-13 12:00:00	11.716	102.819	0.003	8.549	10.112	22.480
EAS-DS	2025-06-13 13:00:00	11.316	115.157	-0.001	8.583	10.297	7.260
EAS-DS	2025-06-13 14:00:00	11.244	116.439	-0.001	8.576	10.311	8.002
EAS-DS	2025-06-13 15:00:00	12.059	70.528	0.003	8.466	10.005	1.342
EAS-DS	2025-06-13 16:00:00	11.264	121.568	-0.002	8.605	10.279	10.124
EAS-DS	2025-06-13 17:00:00	11.288	120.300	-0.003	8.606	10.288	14.696
EAS-DS	2025-06-13 18:00:00	11.293	124.543	-0.003	8.635	10.284	10.367
EAS-DS	2025-06-13 19:00:00	11.290	127.754	-0.004	8.610	10.291	22.274
EAS-DS	2025-06-13 20:00:00	11.332	113.706	-0.004	8.587	10.218	5.143
EAS-DS	2025-06-13 21:00:00	11.177	125.142	-0.003	8.566	10.293	7.985
EAS-DS	2025-06-13 22:00:00	11.048	129.093	-0.005	8.523	10.352	20.016
EAS-DS	2025-06-13 23:00:00	11.069	122.441	-0.001	8.512	10.292	12.626
EAS-DS	2025-06-14 00:00:00	10.993	127.262	-0.002	8.520	10.338	16.557

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-DS	2025-06-14 01:00:00	10.936	127.440	-0.001	8.514	10.373	18.401
EAS-DS	2025-06-14 02:00:00	11.091	114.088	0.005	8.522	10.288	28.524
EAS-DS	2025-06-14 03:00:00	10.977	121.501	0.005	8.553	10.328	9.647
EAS-DS	2025-06-14 04:00:00	10.932	123.533	0.003	8.539	10.379	15.774
EAS-DS	2025-06-14 05:00:00	10.965	123.439	0.000	8.535	10.347	17.952
EAS-DS	2025-06-14 06:00:00	10.993	121.141	0.005	8.533	10.337	14.528
EAS-DS	2025-06-14 07:00:00	11.026	111.855	0.002	8.544	10.273	9.787
EAS-DS	2025-06-14 08:00:00	10.896	120.260	-0.001	8.537	10.390	13.018
EAS-DS	2025-06-14 09:00:00	11.071	151.674	0.004	8.631	10.330	351.578
EAS-DS	2025-06-14 10:00:00	12.209	36.246	0.017	8.206	9.958	7.854
EAS-DS	2025-06-14 11:00:00	11.121	122.686	0.005	8.623	10.338	7.842
EAS-DS	2025-06-14 12:00:00	11.537	115.888	0.010	8.631	10.221	9.208
EAS-DS	2025-06-14 13:00:00	11.535	105.467	0.009	8.678	10.229	6.172
EAS-DS	2025-06-14 14:00:00	11.516	122.877	0.013	8.621	10.258	7.811
EAS-DS	2025-06-14 15:00:00	11.886	107.416	0.013	8.632	10.142	3.964
EAS-DS	2025-06-14 16:00:00	11.660	122.179	0.010	8.619	10.224	6.451
EAS-DS	2025-06-14 17:00:00	11.849	110.793	0.007	8.621	10.118	2.527
EAS-DS	2025-06-14 18:00:00	11.682	125.758	0.003	8.640	10.228	8.999
EAS-DS	2025-06-14 19:00:00	11.582	124.220	0.005	8.626	10.226	7.712
EAS-DS	2025-06-14 20:00:00	11.619	105.282	0.005	8.578	10.169	8.944
EAS-DS	2025-06-14 21:00:00	11.332	116.904	0.005	8.581	10.273	2.847
EAS-DS	2025-06-14 22:00:00	11.042	123.697	0.006	8.578	10.358	8.758
EAS-DS	2025-06-14 23:00:00	11.134	110.042	0.008	8.548	10.278	7.664
EAS-DS	2025-06-15 00:00:00	10.932	123.224	0.007	8.550	10.369	9.524
EAS-DS	2025-06-15 01:00:00	10.953	131.343	0.008	8.561	10.397	23.094
EAS-DS	2025-06-15 02:00:00	10.943	126.721	0.006	8.542	10.387	18.159
EAS-DS	2025-06-15 03:00:00	10.960	114.714	0.008	8.541	10.339	13.391
EAS-DS	2025-06-15 04:00:00	10.752	123.694	0.008	8.537	10.444	14.542
EAS-DS	2025-06-15 05:00:00	10.736	122.771	0.007	8.557	10.450	10.856
EAS-DS	2025-06-15 06:00:00	10.696	114.473	0.008	8.565	10.447	3.227
EAS-DS	2025-06-15 07:00:00	10.643	118.473	0.011	8.556	10.478	18.854
EAS-DS	2025-06-15 08:00:00	10.723	119.341	0.011	8.544	10.462	11.692
EAS-DS	2025-06-15 09:00:00	10.906	120.222	0.011	8.550	10.424	6.980
EAS-DS	2025-06-15 10:00:00	11.351	100.976	0.007	8.569	10.262	2.941
EAS-DS	2025-06-15 11:00:00	11.487	119.555	0.008	8.585	10.286	11.518
EAS-DS	2025-06-15 12:00:00	12.001	117.945	0.008	8.590	10.146	11.687
EAS-DS	2025-06-15 13:00:00	12.019	118.860	0.005	8.607	10.144	22.942
EAS-DS	2025-06-15 14:00:00	12.186	119.342	0.005	8.611	10.095	8.829
EAS-DS	2025-06-15 15:00:00	12.350	119.595	0.007	8.615	10.046	17.186
EAS-DS	2025-06-15 16:00:00	12.184	119.443	0.007	8.618	10.076	11.319
EAS-DS	2025-06-15 17:00:00	12.174	118.854	0.005	8.617	10.068	9.271
EAS-DS	2025-06-15 18:00:00	11.765	120.589	0.005	8.601	10.177	7.948
EAS-DS	2025-06-15 19:00:00	11.615	121.068	0.005	8.596	10.203	6.524
EAS-DS	2025-06-15 20:00:00	11.636	120.269	0.005	8.613	10.141	10.277
EAS-DS	2025-06-15 21:00:00	11.270	122.147	0.004	8.600	10.289	7.128
EAS-DS	2025-06-15 22:00:00	11.170	116.629	0.005	8.594	10.291	8.437
EAS-DS	2025-06-15 23:00:00	10.935	119.828	0.008	8.574	10.366	7.500
EAS-US	2025-06-09 00:00:00	14.580	19.770	0.357	7.114	8.985	1.510
EAS-US	2025-06-09 01:00:00	14.480	21.505	0.356	7.098	8.994	1.476
EAS-US	2025-06-09 02:00:00	14.365	21.418	0.354	7.107	9.031	1.485
EAS-US	2025-06-09 03:00:00	14.233	19.503	0.350	7.215	9.065	1.473
EAS-US	2025-06-09 04:00:00	14.116	19.622	0.353	7.118	9.109	1.442
EAS-US	2025-06-09 05:00:00	13.999	19.307	0.349	7.258	9.110	1.571
EAS-US	2025-06-09 06:00:00	13.891	19.205	0.358	7.124	9.163	1.422
EAS-US	2025-06-09 07:00:00	13.811	19.219	0.356	7.122	9.174	2.135
EAS-US	2025-06-09 08:00:00	13.774	21.080	0.367	6.909	9.203	1.628
EAS-US	2025-06-09 09:00:00	13.872	21.036	0.361	6.922	9.242	1.516
EAS-US	2025-06-09 10:00:00	13.911	18.979	0.347	7.173	9.254	1.442
EAS-US	2025-06-09 11:00:00	14.329	18.950	0.340	7.236	9.259	1.424
EAS-US	2025-06-09 12:00:00	14.753	20.750	0.335	7.257	9.257	1.630
EAS-US	2025-06-09 13:00:00	14.868	20.755	0.352	6.957	9.143	2.864

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-US	2025-06-09 14:00:00	14.962	20.740	0.340	7.204	9.035	6.609
EAS-US	2025-06-09 15:00:00	15.161	20.848	0.342	7.209	8.986	1.642
EAS-US	2025-06-09 16:00:00	15.402	20.971	0.346	7.198	8.912	1.747
EAS-US	2025-06-09 17:00:00	15.424	21.141	0.349	7.156	8.848	1.692
EAS-US	2025-06-09 18:00:00	15.361	21.317	0.351	7.139	8.846	1.588
EAS-US	2025-06-09 19:00:00	15.250	20.156	0.355	7.158	8.831	1.664
EAS-US	2025-06-09 20:00:00	15.094	19.617	0.358	7.109	8.862	1.579
EAS-US	2025-06-09 21:00:00	14.920	19.824	0.359	7.114	8.870	1.564
EAS-US	2025-06-09 22:00:00	14.758	20.078	0.354	7.137	8.898	1.691
EAS-US	2025-06-09 23:00:00	14.595	21.789	0.355	7.121	8.947	1.690
EAS-US	2025-06-10 00:00:00	14.435	21.738	0.358	7.123	9.008	2.152
EAS-US	2025-06-10 01:00:00	14.276	21.619	0.359	7.125	9.058	1.548
EAS-US	2025-06-10 02:00:00	14.125	21.522	0.360	7.115	9.058	1.473
EAS-US	2025-06-10 03:00:00	13.976	21.423	0.365	7.123	9.112	1.502
EAS-US	2025-06-10 04:00:00	13.828	19.367	0.362	7.145	9.144	1.519
EAS-US	2025-06-10 05:00:00	13.699	21.273	0.365	7.124	9.174	1.407
EAS-US	2025-06-10 06:00:00	13.574	19.258	0.360	7.160	9.221	2.319
EAS-US	2025-06-10 07:00:00	13.507	19.164	0.359	7.155	9.247	1.487
EAS-US	2025-06-10 08:00:00	13.505	19.068	0.358	7.173	9.290	1.528
EAS-US	2025-06-10 09:00:00	13.602	20.923	0.356	7.182	9.326	1.593
EAS-US	2025-06-10 10:00:00	13.662	20.899	0.372	6.935	9.311	1.624
EAS-US	2025-06-10 11:00:00	14.046	18.939	0.369	6.962	9.305	1.602
EAS-US	2025-06-10 12:00:00	14.448	20.774	0.344	7.296	9.323	1.703
EAS-US	2025-06-10 13:00:00	14.561	20.800	0.348	7.251	9.184	1.617
EAS-US	2025-06-10 14:00:00	14.720	20.866	0.349	7.249	9.118	1.637
EAS-US	2025-06-10 15:00:00	14.873	19.199	0.345	7.378	9.066	1.688
EAS-US	2025-06-10 16:00:00	15.008	21.016	0.352	7.250	9.056	1.614
EAS-US	2025-06-10 17:00:00	14.990	19.325	0.355	7.204	8.968	1.588
EAS-US	2025-06-10 18:00:00	14.910	21.512	0.355	7.165	8.953	1.645
EAS-US	2025-06-10 19:00:00	14.846	21.681	0.357	7.128	8.944	1.577
EAS-US	2025-06-10 20:00:00	14.705	21.936	0.358	7.151	8.938	1.519
EAS-US	2025-06-10 21:00:00	14.554	22.014	0.354	7.150	8.961	1.534
EAS-US	2025-06-10 22:00:00	14.401	20.209	0.351	7.167	8.975	2.265
EAS-US	2025-06-10 23:00:00	14.257	20.111	0.350	7.247	9.009	1.501
EAS-US	2025-06-11 00:00:00	14.104	21.826	0.358	7.149	9.042	1.560
EAS-US	2025-06-11 01:00:00	13.954	19.714	0.360	7.161	9.086	1.573
EAS-US	2025-06-11 02:00:00	13.819	21.630	0.359	7.131	9.121	1.520
EAS-US	2025-06-11 03:00:00	13.688	20.067	0.357	7.132	9.160	1.585
EAS-US	2025-06-11 04:00:00	13.534	19.513	0.374	6.871	9.184	1.500
EAS-US	2025-06-11 05:00:00	13.417	19.377	0.357	7.166	9.233	1.526
EAS-US	2025-06-11 06:00:00	13.325	21.293	0.359	7.135	9.263	1.489
EAS-US	2025-06-11 07:00:00	13.248	21.167	0.357	7.136	9.307	1.498
EAS-US	2025-06-11 08:00:00	13.251	21.142	0.354	7.182	9.334	1.415
EAS-US	2025-06-11 09:00:00	13.365	21.065	0.352	7.193	9.348	1.408
EAS-US	2025-06-11 10:00:00	13.475	21.001	0.351	7.243	9.367	1.448
EAS-US	2025-06-11 11:00:00	13.887	20.857	0.361	7.081	9.380	1.630
EAS-US	2025-06-11 12:00:00	14.285	20.758	0.340	7.335	9.325	1.562
EAS-US	2025-06-11 13:00:00	14.369	20.784	0.344	7.280	9.243	1.561
EAS-US	2025-06-11 14:00:00	14.456	20.805	0.350	7.261	9.191	1.511
EAS-US	2025-06-11 15:00:00	14.529	20.929	0.350	7.231	9.136	1.564
EAS-US	2025-06-11 16:00:00	14.666	21.174	0.347	7.251	9.110	1.683
EAS-US	2025-06-11 17:00:00	14.708	19.258	0.348	7.258	9.055	1.555
EAS-US	2025-06-11 18:00:00	14.655	21.329	0.351	7.220	9.061	1.535
EAS-US	2025-06-11 19:00:00	14.560	21.536	0.354	7.214	9.038	1.622
EAS-US	2025-06-11 20:00:00	14.454	21.757	0.357	7.172	9.018	1.949
EAS-US	2025-06-11 21:00:00	14.327	22.029	0.359	7.140	9.038	1.708
EAS-US	2025-06-11 22:00:00	14.178	21.952	0.357	7.142	9.052	1.888
EAS-US	2025-06-11 23:00:00	14.038	21.911	0.357	7.159	9.066	1.569
EAS-US	2025-06-12 00:00:00	13.906	21.844	0.355	7.215	9.115	1.531
EAS-US	2025-06-12 01:00:00	13.772	21.745	0.353	7.201	9.145	1.642
EAS-US	2025-06-12 02:00:00	13.626	21.635	0.354	7.183	9.173	1.472

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-US	2025-06-12 03:00:00	13.503	21.555	0.355	7.178	9.220	1.505
EAS-US	2025-06-12 04:00:00	13.424	19.437	0.356	7.176	9.241	1.514
EAS-US	2025-06-12 05:00:00	13.360	21.445	0.353	7.169	9.233	1.583
EAS-US	2025-06-12 06:00:00	13.310	21.355	0.352	7.176	9.315	1.472
EAS-US	2025-06-12 07:00:00	13.342	21.216	0.353	7.226	9.353	1.384
EAS-US	2025-06-12 08:00:00	13.353	19.206	0.350	7.249	9.357	1.723
EAS-US	2025-06-12 09:00:00	13.392	20.915	0.349	7.247	9.405	1.634
EAS-US	2025-06-12 10:00:00	13.318	21.000	0.350	7.224	9.351	1.523
EAS-US	2025-06-12 11:00:00	13.256	20.910	0.352	7.256	9.428	1.432
EAS-US	2025-06-12 12:00:00	13.617	20.679	0.341	7.279	9.456	1.438
EAS-US	2025-06-12 13:00:00	13.414	20.963	0.351	7.252	9.337	1.451
EAS-US	2025-06-12 14:00:00	13.282	20.949	0.353	7.256	9.401	1.387
EAS-US	2025-06-12 15:00:00	13.271	21.040	0.354	7.239	9.381	1.625
EAS-US	2025-06-12 16:00:00	13.269	21.027	0.355	7.244	9.370	1.419
EAS-US	2025-06-12 17:00:00	13.253	19.217	0.358	7.207	9.350	1.434
EAS-US	2025-06-12 18:00:00	13.265	21.068	0.350	7.246	9.372	1.418
EAS-US	2025-06-12 19:00:00	13.231	21.122	0.352	7.236	9.338	1.422
EAS-US	2025-06-12 20:00:00	13.189	21.268	0.357	7.204	9.309	1.458
EAS-US	2025-06-12 21:00:00	13.131	21.320	0.360	7.193	9.281	1.487
EAS-US	2025-06-12 22:00:00	13.065	21.318	0.360	7.189	9.325	1.373
EAS-US	2025-06-12 23:00:00	13.002	21.296	0.362		9.347	1.400
EAS-US	2025-06-13 00:00:00	12.924	21.227	0.361	7.202	9.373	1.400
EAS-US	2025-06-13 01:00:00	12.877	21.237	0.361	7.181	9.378	1.423
EAS-US	2025-06-13 02:00:00	12.847	21.244	0.359	7.179	9.384	1.396
EAS-US	2025-06-13 03:00:00	12.813	21.205	0.360	7.158	9.403	1.384
EAS-US	2025-06-13 04:00:00	12.778	21.176	0.362	7.157	9.394	1.394
EAS-US	2025-06-13 05:00:00	12.743	21.159	0.363	7.155	9.404	1.368
EAS-US	2025-06-13 06:00:00	12.708	21.117	0.360	7.182	9.416	1.385
EAS-US	2025-06-13 07:00:00	12.697	18.992	0.356	7.204	9.451	1.368
EAS-US	2025-06-13 08:00:00	12.701	20.925	0.352	7.223	9.471	1.327
EAS-US	2025-06-13 09:00:00	12.707	20.850	0.351	7.214	9.514	1.336
EAS-US	2025-06-13 10:00:00	12.706	20.792	0.353	7.227	9.508	1.438
EAS-US	2025-06-13 11:00:00	12.797	18.862	0.349	7.296	9.583	1.399
EAS-US	2025-06-13 12:00:00	12.959	20.461	0.346	7.298	9.603	1.553
EAS-US	2025-06-13 13:00:00	12.953	22.224	0.346	7.263	9.514	1.497
EAS-US	2025-06-13 14:00:00	12.942	18.868	0.348	7.279	9.496	1.336
EAS-US	2025-06-13 15:00:00	12.961	18.854	0.353	7.259	9.491	1.437
EAS-US	2025-06-13 16:00:00	12.952	20.850	0.357	7.210	9.502	1.415
EAS-US	2025-06-13 17:00:00	12.986	20.833	0.357	7.263	9.514	1.364
EAS-US	2025-06-13 18:00:00	12.996	20.950	0.358	7.252	9.478	1.460
EAS-US	2025-06-13 19:00:00	12.980	21.144	0.361	7.170	9.423	1.403
EAS-US	2025-06-13 20:00:00	12.943	21.293	0.360	7.189	9.389	1.373
EAS-US	2025-06-13 21:00:00	12.894	21.363	0.361	7.185	9.395	1.384
EAS-US	2025-06-13 22:00:00	12.826	21.338	0.362	7.201	9.399	1.362
EAS-US	2025-06-13 23:00:00	12.767	21.384	0.367	7.156	9.386	1.407
EAS-US	2025-06-14 00:00:00	12.724	21.375	0.365	7.174	9.428	1.362
EAS-US	2025-06-14 01:00:00	12.692	19.385	0.366	7.185	9.417	1.423
EAS-US	2025-06-14 02:00:00	12.662	21.360	0.365	7.179	9.449	1.356
EAS-US	2025-06-14 03:00:00	12.637	21.382	0.366	7.155	9.456	1.335
EAS-US	2025-06-14 04:00:00	12.613	21.297	0.368	7.160	9.452	1.472
EAS-US	2025-06-14 05:00:00	12.583	21.260	0.364	7.174	9.467	1.289
EAS-US	2025-06-14 06:00:00	12.559	19.693	0.365	7.192	9.468	1.447
EAS-US	2025-06-14 07:00:00	12.553	21.220	0.368	7.174	9.498	1.392
EAS-US	2025-06-14 08:00:00	12.556	21.204	0.365	7.225	9.508	1.413
EAS-US	2025-06-14 09:00:00	12.584	21.102	0.364	7.219	9.563	1.408
EAS-US	2025-06-14 10:00:00	12.617	20.937	0.363	7.230	9.566	1.386
EAS-US	2025-06-14 11:00:00	12.652	20.890	0.363	7.224	9.605	1.346
EAS-US	2025-06-14 12:00:00	12.885	20.588	0.357	7.298	9.676	1.338
EAS-US	2025-06-14 13:00:00	13.043	18.668	0.354	7.317	9.619	1.378
EAS-US	2025-06-14 14:00:00	13.139	20.573	0.357	7.283	9.581	1.375
EAS-US	2025-06-14 15:00:00	13.221	20.701	0.357	7.336	9.552	1.361

East Creek							
Station	Date/Time	Temperature (C)	Specific Conductivity (µS/cm)	ORP (V)	pH (pH units)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
EAS-US	2025-06-14 16:00:00	13.302	20.886	0.356	7.285	9.463	1.644
EAS-US	2025-06-14 17:00:00	13.285	21.083	0.363	7.230	9.386	1.458
EAS-US	2025-06-14 18:00:00	13.322	21.196	0.362	7.237	9.383	1.338
EAS-US	2025-06-14 19:00:00	13.323	21.342	0.362	7.242	9.319	1.384
EAS-US	2025-06-14 20:00:00	13.238	21.528	0.366	7.190	9.330	1.372
EAS-US	2025-06-14 21:00:00	13.136	21.621	0.366	7.186	9.335	1.427
EAS-US	2025-06-14 22:00:00	13.009	21.626	0.366	7.207	9.380	1.473
EAS-US	2025-06-14 23:00:00	12.880	21.605	0.365	7.226	9.420	1.299
EAS-US	2025-06-15 00:00:00	12.755	21.497	0.368	7.194	9.428	1.357
EAS-US	2025-06-15 01:00:00	12.667	21.423	0.365	7.194	9.452	1.361
EAS-US	2025-06-15 02:00:00	12.592	21.395	0.367	7.175	9.498	1.509
EAS-US	2025-06-15 03:00:00	12.485	21.303	0.366	7.196	9.517	1.332
EAS-US	2025-06-15 04:00:00	12.341	21.229	0.367	7.207	9.527	1.244
EAS-US	2025-06-15 05:00:00	12.221	21.165	0.377	7.038	9.570	1.311
EAS-US	2025-06-15 06:00:00	12.097	21.096	0.368	7.185	9.630	1.276
EAS-US	2025-06-15 07:00:00	12.017	20.948	0.368	7.198	9.673	1.282
EAS-US	2025-06-15 08:00:00	12.024	20.865	0.368	7.192	9.703	1.343
EAS-US	2025-06-15 09:00:00	12.171	20.763	0.363	7.239	9.702	1.534
EAS-US	2025-06-15 10:00:00	12.285	20.763	0.362	7.266	9.720	1.288
EAS-US	2025-06-15 11:00:00	12.706	20.701	0.358	7.309	9.667	1.365
EAS-US	2025-06-15 12:00:00	13.166	20.701	0.351	7.335	9.646	1.435
EAS-US	2025-06-15 13:00:00	13.303	20.769	0.352	7.321	9.548	1.415
EAS-US	2025-06-15 14:00:00	13.475	20.846	0.357	7.280	9.455	1.371
EAS-US	2025-06-15 15:00:00	13.673	20.980	0.360	7.278	9.384	1.450
EAS-US	2025-06-15 16:00:00	13.906	21.110	0.360	7.264	9.313	1.461
EAS-US	2025-06-15 17:00:00	13.969	21.329	0.361	7.250	9.239	1.463
EAS-US	2025-06-15 18:00:00	13.951	21.520	0.362	7.252	9.179	1.587
EAS-US	2025-06-15 19:00:00	13.875	21.803	0.365	7.196	9.185	1.448
EAS-US	2025-06-15 20:00:00	13.781	22.000	0.366	7.174	9.179	1.458
EAS-US	2025-06-15 21:00:00	13.650	22.180	0.366	7.178	9.193	1.417
EAS-US	2025-06-15 22:00:00	13.517	22.175	0.366	7.187	9.212	1.409
EAS-US	2025-06-15 23:00:00	13.372	22.127	0.365	7.194	9.249	1.414



 Eagle Mountain - Woodfibre Gas Pipeline Project Waste Discharge Permit PE-110163 Report	Reporting Week	June 9 th to June 15 th , 2025
	Report #	64
	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. #: 106513

Attention: Jennifer Choyce

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

Report Date: 2025/06/19
 Report #: R3677205
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C553331

Received: 2025/06/11, 18:02

Sample Matrix: Water
 # Samples Received: 10

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity @25C (pp, total), CO3,HCO3,OH	9	N/A	2025/06/13	BBY6SOP-00026	SM 24 2320 B m
Alkalinity @25C (pp, total), CO3,HCO3,OH	1	N/A	2025/06/16	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	9	N/A	2025/06/13	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chloride/Sulphate by Auto Colourimetry	1	N/A	2025/06/16	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chromium III (Calc'd)	10	N/A	2025/06/17		
Total Hexavalent Chromium	10	N/A	2025/06/17	BBY6SOP-00054	SM 24 3500-Cr B m
Carbon (DOC) -Lab Filtered (2)	10	N/A	2025/06/16	BBY6SOP-00053	SM 24 5310 B m
Fluoride	10	N/A	2025/06/17	BBY6SOP-00037	SM 24 4500-F C m
Glycols in Water by GC/FID (1)	1	N/A	2025/06/16	CAL SOP-00093	BCMOE Glycols 09/17
Sulphide (as H2S) (1)	10	N/A	2025/06/18		Auto Calc
Hardness Total (calculated as CaCO3) (3)	1	N/A	2025/06/13	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	4	N/A	2025/06/14	BBY WI-00033	Auto Calc
Hardness Total (calculated as CaCO3) (3)	5	N/A	2025/06/17	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	9	N/A	2025/06/17	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	1	N/A	2025/06/19	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV-Lab Filtered	10	2025/06/18	2025/06/18	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	3	2025/06/13	2025/06/13	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	7	2025/06/16	2025/06/16	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Bromide as Bromine (Br) by ICPMS	10	N/A	2025/06/13	BBY7SOP-00002	EPA 6020B R2 m
EPH in Water when PAH required	1	2025/06/18	2025/06/18	BBY8SOP-00029	BCMOE BCLM Sep2017 m
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	9	N/A	2025/06/17	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	1	N/A	2025/06/19	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (lab filter) (4)	10	N/A	2025/06/16	BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	5	2025/06/13	2025/06/13	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Elements by ICPMS Digested LL (total)	1	2025/06/13	2025/06/14	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	1	N/A	2025/06/13	BBY WI-00033	Auto Calc
Na, K, Ca, Mg, S by CRC ICPMS (total)	4	N/A	2025/06/14	BBY WI-00033	Auto Calc



Your P.O. #: 4800010213
 Your Project #: FORTIS11234/PE-110163
 Site Location: WOODFIBRE PIPELINE PROJECT
 Your C.O.C. #: 106513

Attention: Jennifer Choyce

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

Report Date: 2025/06/19
 Report #: R3677205
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C553331

Received: 2025/06/11, 18:02

Sample Matrix: Water
 # Samples Received: 10

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Na, K, Ca, Mg, S by CRC ICPMS (total)	5	N/A	2025/06/17	BBY WI-00033	Auto Calc
Elements by ICPMS Low Level (total)	4	N/A	2025/06/17	BBY7SOP-00002	EPA 6020b R2 m
Nitrogen (Total)	10	N/A	2025/06/17	BBY6SOP-00016	SM 24 4500-N C m
Ammonia-N (Total)	10	N/A	2025/06/12	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	10	N/A	2025/06/12	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	10	N/A	2025/06/12	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	10	N/A	2025/06/13	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	1	2025/06/18	2025/06/18	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	1	N/A	2025/06/19	BBY WI-00033	Auto Calc
pH @25°C (6)	9	N/A	2025/06/13	BBY6SOP-00026	SM 24 4500-H+ B m
pH @25°C (6)	1	N/A	2025/06/16	BBY6SOP-00026	SM 24 4500-H+ B m
Phenols (4-AAP) (1)	1	N/A	2025/06/17	AB SOP-00088	EPA 9066 R0 m
Total Sulphide (1)	10	2025/06/17	2025/06/18	AB SOP-00080	SM 24 4500 S2-A D Fm
Total Dissolved Solids (Filt. Residue)	1	2025/06/16	2025/06/17	BBY6SOP-00033	SM 24 2540 C m
Total Dissolved Solids (Filt. Residue)	9	2025/06/17	2025/06/18	BBY6SOP-00033	SM 24 2540 C m
EPH less PAH in Water by GC/FID (7)	1	N/A	2025/06/19	BBY WI-00033	Auto Calc
Carbon (Total Organic) (8)	10	N/A	2025/06/17	BBY6SOP-00053	SM 24 5310 B m
Total Phosphorus Low Level Total	10	2025/06/17	2025/06/17	BBY6SOP-00013	SM 24 4500-P E m
Total Suspended Solids (NFR)	1	2025/06/13	2025/06/16	BBY6SOP-00034	SM 24 2540 D m
Total Suspended Solids (NFR)	9	2025/06/16	2025/06/17	BBY6SOP-00034	SM 24 2540 D m
Field pH	8	N/A	2025/06/18	Field Test	Field Test
Field Temperature	8	N/A	2025/06/18	Field Test	Field Test
VOCs, VH, F1, LH in Water by HS GC/MS	1	N/A	2025/06/14	BBY8SOP-00009 / BBY8SOP-00011 / BBY8SOP-00012	BCMOE BCLM Jul2017 m
Volatile HC-BTEX (9)	1	N/A	2025/06/14	BBY WI-00033	Auto Calc

Remarks:

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

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



Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 106513

Attention: Jennifer Choyce

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

Report Date: 2025/06/19
Report #: R3677205
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C553331

Received: 2025/06/11, 18:02

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Your P.O. #: 4800010213
Your Project #: FORTIS11234/PE-110163
Site Location: WOODFIBRE PIPELINE PROJECT
Your C.O.C. #: 106513

Attention: Jennifer Choyce

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

Report Date: 2025/06/19
Report #: R3677205
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C553331

Received: 2025/06/11, 18:02

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:

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

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RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMX282			DMX282			DMX283		
Sampling Date		2025/06/10 11:02			2025/06/10 11:02			2025/06/10 10:45		
COC Number		106513			106513			106513		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	B985539				ND	0.0050	B985539
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	B984846				ND	0.00099	B984846
Total Hardness (CaCO3)	mg/L	6.93	0.50	B984666				55.7	0.50	B984666
Nitrate (N)	mg/L	0.029	0.020	B984853				ND	0.020	B984853
Sulphide (as H2S)	mg/L	ND	0.0020	B983115				ND	0.0020	B983115
Field Parameters										
Field pH	pH	7.14	N/A	ONSITE				6.77	N/A	ONSITE
Field Temperature	°C	12.2	N/A	ONSITE				12.2	N/A	ONSITE
Misc. Inorganics										
pH	pH	6.99	N/A	B985632				7.84	N/A	B985632
Total Organic Carbon (C)	mg/L	1.7	0.50	B989582	1.7	0.50	B989582	1.9	0.50	B989582
Total Dissolved Solids	mg/L	22	10	B991209				72	10	B990032
Total Suspended Solids	mg/L	ND	1.0	B989062				2.0	1.0	B987787
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	1.7	0.50	B989518				1.8	0.50	B989518
Anions										
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B985616				ND	1.0	B985616
Alkalinity (Total as CaCO3)	mg/L	6.6	1.0	B985616				49	1.0	B985616
Bicarbonate (HCO3)	mg/L	8.1	1.0	B985616				59	1.0	B985616
Carbonate (CO3)	mg/L	ND	1.0	B985616				ND	1.0	B985616
Dissolved Fluoride (F)	mg/L	ND	0.050	B990589				0.15	0.050	B990589
Hydroxide (OH)	mg/L	ND	1.0	B985616				ND	1.0	B985616
Total Sulphide	mg/L	ND	0.0018	B991211	ND	0.0018	B991211	ND	0.0018	B991211
Chloride (Cl)	mg/L	ND	1.0	B986488				6.0	1.0	B986488
Sulphate (SO4)	mg/L	1.7	1.0	B986488				6.8	1.0	B986488
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. N/A = Not Applicable										



RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMX282			DMX282			DMX283		
Sampling Date		2025/06/10 11:02			2025/06/10 11:02			2025/06/10 10:45		
COC Number		106513			106513			106513		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND (1)	0.00099	B991093	ND	0.00099	B991093	ND	0.00099	B991093
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	B985155				ND	0.015	B985155
Total Phosphorus (P)	mg/L	0.0059	0.0010	B991058				0.0031	0.0010	B991058
Nitrate plus Nitrite (N)	mg/L	0.029	0.020	B985538				ND	0.020	B985538
Total Nitrogen (N)	mg/L	0.077	0.020	B985726				0.199	0.020	B985726
Misc. Organics										
Phenols	mg/L							ND	0.0015	B991440
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. (1) Matrix spike exceeds acceptance limits due to probable matrix interference.										



BUREAU
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Bureau Veritas Job #: C553331
Report Date: 2025/06/19

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMX284			DMX284			DMX285	DMX286		
Sampling Date		2025/06/10 10:27			2025/06/10 10:27			2025/06/10 13:02	2025/06/10 13:21		
COC Number		106513			106513			106513	106513		
	UNITS	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch	SQRI-US	SQRI-DS	RDL	QC Batch

ANIONS

Nitrite (N)	mg/L	ND	0.0050	B985539	ND	0.0050	B985539	ND	ND	0.0050	B985537
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Calculated Parameters

Total Chromium III	mg/L	ND	0.00099	B984846				ND	ND	0.00099	B984846
Total Hardness (CaCO3)	mg/L	36.7	0.50	B984666				7.56	6.53	0.50	B984666
Nitrate (N)	mg/L	ND	0.020	B984853				0.036	0.020	0.020	B984853
Sulphide (as H2S)	mg/L	ND	0.0020	B983115				0.0024	ND	0.0020	B983115

Field Parameters

Field pH	pH	6.34	N/A	ONSITE				7.16	6.69	N/A	ONSITE
Field Temperature	°C	13.6	N/A	ONSITE				11.3	12.7	N/A	ONSITE

Misc. Inorganics

pH	pH	7.80	N/A	B985632				6.83	6.73	N/A	B985632
Total Organic Carbon (C)	mg/L	1.7	0.50	B989582				0.89	0.91	0.50	B989582
Total Dissolved Solids	mg/L	64	10	B991209				22	22	10	B991209
Total Suspended Solids	mg/L	1.2	1.0	B989062				85	68	1.0	B989062

Lab Filtered Inorganics

Dissolved Organic Carbon (C)	mg/L	1.5	0.50	B989518				0.95	1.1	0.50	B989518
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Anions											
Alkalinity (PP as CaCO3)	mg/L	ND	1.0	B985616				ND	ND	1.0	B985616
Alkalinity (Total as CaCO3)	mg/L	45	1.0	B985616				7.2	7.8	1.0	B985616
Bicarbonate (HCO3)	mg/L	55	1.0	B985616				8.8	9.5	1.0	B985616
Carbonate (CO3)	mg/L	ND	1.0	B985616				ND	ND	1.0	B985616
Dissolved Fluoride (F)	mg/L	0.13	0.050	B990589				ND	ND	0.050	B990589
Hydroxide (OH)	mg/L	ND	1.0	B985616				ND	ND	1.0	B985616
Total Sulphide	mg/L	ND	0.0018	B991211				0.0023	ND	0.0018	B991211
Chloride (Cl)	mg/L	5.3	1.0	B986488				ND	ND	1.0	B986488
Sulphate (SO4)	mg/L	6.3	1.0	B986488				1.5	1.5	1.0	B986488

Metals											
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B991093				ND	ND	0.00099	B991093

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



BUREAU
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Bureau Veritas Job #: C553331
Report Date: 2025/06/19

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMX284			DMX284			DMX285	DMX286		
Sampling Date		2025/06/10 10:27			2025/06/10 10:27			2025/06/10 13:02	2025/06/10 13:21		
COC Number		106513			106513			106513	106513		
	UNITS	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch	SQRI-US	SQRI-DS	RDL	QC Batch

Nutrients											
Total Ammonia (N)	mg/L	ND	0.015	B985155				0.019	0.028	0.015	B985155
Total Phosphorus (P)	mg/L	0.0036	0.0010	B991058				0.10	0.080	0.0010	B991058
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B985538	ND	0.020	B985538	0.036	0.020	0.020	B985536
Total Nitrogen (N)	mg/L	0.122	0.020	B985726				0.081	0.083	0.020	B985726

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



RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMX286			DMX287			DMX287		
Sampling Date		2025/06/10 13:21			2025/06/10 13:21			2025/06/10 13:21		
COC Number		106513			106513			106513		
	UNITS	SQRI-DS Lab-Dup	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L				ND	0.0050	B985537			
Calculated Parameters										
Total Chromium III	mg/L				ND	0.00099	B984846			
Total Hardness (CaCO3)	mg/L				7.77	0.50	B984666			
Nitrate (N)	mg/L				ND	0.020	B984853			
Sulphide (as H2S)	mg/L				ND	0.0020	B983115			
Misc. Inorganics										
pH	pH				6.35	N/A	B990370			
Total Organic Carbon (C)	mg/L				1.0	0.50	B989582			
Total Dissolved Solids	mg/L				22	10	B991209			
Total Suspended Solids	mg/L				89	1.0	B989062			
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L				1.0	0.50	B989518			
Anions										
Alkalinity (PP as CaCO3)	mg/L				ND	1.0	B990376			
Alkalinity (Total as CaCO3)	mg/L				7.0	1.0	B990376			
Bicarbonate (HCO3)	mg/L				8.6	1.0	B990376			
Carbonate (CO3)	mg/L				ND	1.0	B990376			
Dissolved Fluoride (F)	mg/L				ND	0.050	B990589			
Hydroxide (OH)	mg/L				ND	1.0	B990376			
Total Sulphide	mg/L				ND	0.0018	B991211			
Chloride (Cl)	mg/L	ND	1.0	B986488	ND	1.0	B990373			
Sulphate (SO4)	mg/L	1.4	1.0	B986488	1.2	1.0	B990373			
Metals										
Total Hex. Chromium (Cr 6+)	mg/L				ND	0.00099	B991093			
Nutrients										
Total Ammonia (N)	mg/L				0.018	0.015	B985155			
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. N/A = Not Applicable										



Bureau Veritas Job #: C553331
 Report Date: 2025/06/19

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMX286			DMX287			DMX287		
Sampling Date		2025/06/10 13:21			2025/06/10 13:21			2025/06/10 13:21		
COC Number		106513			106513			106513		
	UNITS	SQRI-DS Lab-Dup	RDL	QC Batch	Field Blank	RDL	QC Batch	Field Blank Lab-Dup	RDL	QC Batch
Total Phosphorus (P)	mg/L				0.12	0.0010	B991058	0.12	0.0010	B991058
Nitrate plus Nitrite (N)	mg/L				ND	0.020	B985536			
Total Nitrogen (N)	mg/L				0.071	0.020	B985726			
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										



RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMX288			DMX288			DMX289		
Sampling Date		2025/06/10			2025/06/10			2025/06/10 09:50		
COC Number		106513			106513			106513		
	UNITS	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch	Q01	RDL	QC Batch
ANIONS										
Nitrite (N)	mg/L	ND	0.0050	B985537				ND	0.0050	B985537
Calculated Parameters										
Total Chromium III	mg/L	ND	0.00099	B984845				ND	0.00099	B984846
Total Hardness (CaCO ₃)	mg/L	ND	0.50	B984666				5.55	0.50	B984666
Nitrate (N)	mg/L	ND	0.020	B984853				0.032	0.020	B982955
Sulphide (as H ₂ S)	mg/L	ND	0.0020	B983115				ND	0.0020	B983115
Field Parameters										
Field pH	pH							6.27	N/A	ONSITE
Field Temperature	°C							12.4	N/A	ONSITE
Misc. Inorganics										
pH	pH	5.90	N/A	B985632	5.82	N/A	B985632	6.78	N/A	B985632
Total Organic Carbon (C)	mg/L	ND	0.50	B989582				1.5	0.50	B989582
Total Dissolved Solids	mg/L	ND	10	B991209				14	10	B991209
Total Suspended Solids	mg/L	ND	1.0	B989062				ND	1.0	B989062
Lab Filtered Inorganics										
Dissolved Organic Carbon (C)	mg/L	ND	0.50	B989518				1.6	0.50	B989518
Anions										
Alkalinity (PP as CaCO ₃)	mg/L	ND	1.0	B985616	ND	1.0	B985616	ND	1.0	B985616
Alkalinity (Total as CaCO ₃)	mg/L	ND	1.0	B985616	ND	1.0	B985616	8.8	1.0	B985616
Bicarbonate (HCO ₃)	mg/L	ND	1.0	B985616	ND	1.0	B985616	11	1.0	B985616
Carbonate (CO ₃)	mg/L	ND	1.0	B985616	ND	1.0	B985616	ND	1.0	B985616
Dissolved Fluoride (F)	mg/L	ND	0.050	B990589				ND	0.050	B990589
Hydroxide (OH)	mg/L	ND	1.0	B985616	ND	1.0	B985616	ND	1.0	B985616
Total Sulphide	mg/L	ND	0.0018	B991211				ND	0.0018	B991211
Chloride (Cl)	mg/L	ND	1.0	B986488				ND	1.0	B986488
Sulphate (SO ₄)	mg/L	ND	1.0	B986488				ND	1.0	B986488
Metals										
Total Hex. Chromium (Cr 6+)	mg/L	ND	0.00099	B991093				ND	0.00099	B991093
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. N/A = Not Applicable										



Bureau Veritas Job #: C553331
 Report Date: 2025/06/19

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

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMX288			DMX288			DMX289		
Sampling Date		2025/06/10			2025/06/10			2025/06/10 09:50		
COC Number		106513			106513			106513		
	UNITS	Trip Blank	RDL	QC Batch	Trip Blank Lab-Dup	RDL	QC Batch	Q01	RDL	QC Batch
Nutrients										
Total Ammonia (N)	mg/L	ND	0.015	B985155				ND	0.015	B985155
Total Phosphorus (P)	mg/L	ND	0.0010	B991058				0.0017	0.0010	B991058
Nitrate plus Nitrite (N)	mg/L	ND	0.020	B985536				0.032	0.020	B985536
Total Nitrogen (N)	mg/L	ND	0.020	B985726				0.064	0.020	B985726
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										



RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMX290		DMX291		
Sampling Date		2025/06/10 09:25		2025/06/10 09:05		
COC Number		106513		106513		
	UNITS	Q02	QC Batch	Q03	RDL	QC Batch
ANIONS						
Nitrite (N)	mg/L	ND	B985539	ND	0.0050	B985539
Calculated Parameters						
Total Chromium III	mg/L	ND	B984846	ND	0.00099	B984845
Total Hardness (CaCO3)	mg/L	73.6	B984666	32.0	0.50	B984666
Nitrate (N)	mg/L	0.185	B982955	0.079	0.020	B982955
Sulphide (as H2S)	mg/L	ND	B983115	ND	0.0020	B983115
Field Parameters						
Field pH	pH	6.00	ONSITE	6.45	N/A	ONSITE
Field Temperature	°C	10.6	ONSITE	13.4	N/A	ONSITE
Misc. Inorganics						
pH	pH	7.87	B985632	7.79	N/A	B985632
Total Organic Carbon (C)	mg/L	15	B989582	4.2	0.50	B989582
Total Dissolved Solids	mg/L	110	B991209	88	10	B991209
Total Suspended Solids	mg/L	ND	B989062	18	1.0	B989062
Lab Filtered Inorganics						
Dissolved Organic Carbon (C)	mg/L	2.0	B989518	3.3	0.50	B989518
Anions						
Alkalinity (PP as CaCO3)	mg/L	ND	B985616	ND	1.0	B985616
Alkalinity (Total as CaCO3)	mg/L	71	B985616	50	1.0	B985616
Bicarbonate (HCO3)	mg/L	86	B985616	61	1.0	B985616
Carbonate (CO3)	mg/L	ND	B985616	ND	1.0	B985616
Dissolved Fluoride (F)	mg/L	ND	B990589	0.076	0.050	B990608
Hydroxide (OH)	mg/L	ND	B985616	ND	1.0	B985616
Total Sulphide	mg/L	ND	B991211	ND	0.0018	B991211
Chloride (Cl)	mg/L	5.5	B986488	4.1	1.0	B986488
Sulphate (SO4)	mg/L	13	B986488	3.8	1.0	B986488
Metals						
Total Hex. Chromium (Cr 6+)	mg/L	ND	B991093	ND	0.00099	B991093
RDL = Reportable Detection Limit						
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.						
N/A = Not Applicable						



RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		DMX290		DMX291		
Sampling Date		2025/06/10 09:25		2025/06/10 09:05		
COC Number		106513		106513		
	UNITS	Q02	QC Batch	Q03	RDL	QC Batch
Nutrients						
Total Ammonia (N)	mg/L	0.027	B985155	0.24	0.015	B985155
Total Phosphorus (P)	mg/L	0.0023	B991058	0.0075	0.0010	B991058
Nitrate plus Nitrite (N)	mg/L	0.185	B985538	0.079	0.020	B985538
Total Nitrogen (N)	mg/L	0.266	B985726	0.263	0.020	B985726
RDL = Reportable Detection Limit						



Bureau Veritas Job #: C553331
 Report Date: 2025/06/19

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

GLYCOLS BY GC-FID (WATER)

Bureau Veritas ID		DMX283		
Sampling Date		2025/06/10 10:45		
COC Number		106513		
	UNITS	WLNG -EOP	RDL	QC Batch
Glycols				
Ethylene Glycol	mg/L	ND	3.0	B990027
Diethylene Glycol	mg/L	ND	5.0	B990027
Triethylene Glycol	mg/L	ND	5.0	B990027
Propylene Glycol	mg/L	ND	5.0	B990027
Surrogate Recovery (%)				
Methyl Sulfone (sur.)	%	85		B990027
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



MERCURY BY COLD VAPOR (WATER)

Bureau Veritas ID		DMX282	DMX282		DMX283	DMX284		DMX285		
Sampling Date		2025/06/10 11:02	2025/06/10 11:02		2025/06/10 10:45	2025/06/10 10:27		2025/06/10 13:02		
COC Number		106513	106513		106513	106513		106513		
	UNITS	WLNG-DS	WLNG-DS Lab-Dup	QC Batch	WLNG -EOP	WLNG-US	QC Batch	SQRI-US	RDL	QC Batch

Elements										
Total Mercury (Hg)	ug/L	ND	ND	B987700	ND	ND	B986455	ND	0.0019	B987700
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										

Bureau Veritas ID		DMX286	DMX287	DMX288		DMX289		DMX290		
Sampling Date		2025/06/10 13:21	2025/06/10 13:21	2025/06/10		2025/06/10 09:50		2025/06/10 09:25		
COC Number		106513	106513	106513		106513		106513		
	UNITS	SQRI-DS	Field Blank	Trip Blank	QC Batch	Q01	QC Batch	Q02	RDL	QC Batch

Elements										
Total Mercury (Hg)	ug/L	ND	ND	ND	B987700	ND	B986455	ND	0.0019	B987700
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										

Bureau Veritas ID		DMX291		
Sampling Date		2025/06/10 09:05		
COC Number		106513		
	UNITS	Q03	RDL	QC Batch
Elements				
Total Mercury (Hg)	ug/L	0.0037	0.0019	B987700
RDL = Reportable Detection Limit				



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX282			DMX282			DMX283		
Sampling Date		2025/06/10 11:02			2025/06/10 11:02			2025/06/10 10:45		
COC Number		106513			106513			106513		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	0.010	B986430				ND	0.010	B986430
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	2.07	0.050	B986085				18.6	0.050	B986085
Dissolved Magnesium (Mg)	mg/L	0.239	0.050	B986085				0.914	0.050	B986085
Dissolved Potassium (K)	mg/L	0.168	0.050	B986085				1.42	0.050	B986085
Dissolved Sodium (Na)	mg/L	1.51	0.050	B986085				4.23	0.050	B986085
Dissolved Sulphur (S)	mg/L	ND	3.0	B986085				ND	3.0	B986085
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	30.0	0.50	B988242	29.9	0.50	B988242	54.4	0.50	B988242
Dissolved Antimony (Sb)	ug/L	0.023	0.020	B988242	0.026	0.020	B988242	0.462	0.020	B988242
Dissolved Arsenic (As)	ug/L	0.077	0.020	B988242	0.079	0.020	B988242	1.11	0.020	B988242
Dissolved Barium (Ba)	ug/L	3.63	0.020	B988242	3.72	0.020	B988242	6.32	0.020	B988242
Dissolved Beryllium (Be)	ug/L	ND	0.010	B988242	ND	0.010	B988242	ND	0.010	B988242
Dissolved Bismuth (Bi)	ug/L	ND (1)	0.0050	B988242	ND	0.0050	B988242	ND	0.0050	B988242
Dissolved Boron (B)	ug/L	ND	10	B988242	ND	10	B988242	13	10	B988242
Dissolved Cadmium (Cd)	ug/L	0.0050	0.0050	B988242	ND	0.0050	B988242	0.0120	0.0050	B988242
Dissolved Cesium (Cs)	ug/L	ND	0.050	B988242	ND	0.050	B988242	ND	0.050	B988242
Dissolved Chromium (Cr)	ug/L	ND	0.10	B988242	ND	0.10	B988242	ND	0.10	B988242
Dissolved Cobalt (Co)	ug/L	0.0160	0.0050	B988242	0.0160	0.0050	B988242	0.0750	0.0050	B994433
Dissolved Copper (Cu)	ug/L	0.427	0.050	B988242	0.402	0.050	B988242	0.299	0.050	B988242
Dissolved Iron (Fe)	ug/L	21.2	1.0	B988242	20.1	1.0	B988242	1.3	1.0	B988242
Dissolved Lead (Pb)	ug/L	0.0050	0.0050	B988242	0.0050	0.0050	B988242	0.0100	0.0050	B988242
Dissolved Lithium (Li)	ug/L	ND	0.50	B988242	ND	0.50	B988242	2.25	0.50	B988242
Dissolved Manganese (Mn)	ug/L	1.06	0.050	B988242	1.15	0.050	B988242	14.7	0.050	B988242
Dissolved Molybdenum (Mo)	ug/L	0.187 (1)	0.050	B988242	0.164	0.050	B988242	14.8	0.050	B988242
Dissolved Nickel (Ni)	ug/L	0.197	0.020	B988242	0.194	0.020	B988242	0.156	0.020	B988242
Dissolved Phosphorus (P)	ug/L	ND	2.0	B988242	ND	2.0	B988242	ND	2.0	B988242
Dissolved Rubidium (Rb)	ug/L	0.338	0.050	B988242	0.353	0.050	B988242	2.80	0.050	B988242
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. (1) Matrix spike exceeds acceptance limits due to matrix interference.										



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX282			DMX282			DMX283		
Sampling Date		2025/06/10 11:02			2025/06/10 11:02			2025/06/10 10:45		
COC Number		106513			106513			106513		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Dissolved Selenium (Se)	ug/L	ND	0.040	B988242	ND	0.040	B988242	0.045	0.040	B988242
Dissolved Silicon (Si)	ug/L	4890	50	B988242	4900	50	B988242	6330	50	B988242
Dissolved Silver (Ag)	ug/L	ND	0.0050	B988242	ND	0.0050	B988242	ND	0.0050	B988242
Dissolved Strontium (Sr)	ug/L	12.2	0.050	B988242	12.0	0.050	B988242	38.2	0.050	B988242
Dissolved Tellurium (Te)	ug/L	ND	0.020	B988242	ND	0.020	B988242	ND	0.020	B988242
Dissolved Thallium (Tl)	ug/L	0.0020	0.0020	B988242	0.0020	0.0020	B988242	0.0150	0.0020	B988242
Dissolved Thorium (Th)	ug/L	ND	0.0050	B988242	0.0050	0.0050	B988242	ND	0.0050	B988242
Dissolved Tin (Sn)	ug/L	ND	0.20	B988242	ND	0.20	B988242	ND	0.20	B988242
Dissolved Titanium (Ti)	ug/L	ND	0.50	B988242	ND	0.50	B988242	ND	0.50	B988242
Dissolved Tungsten (W)	ug/L	ND (1)	0.010	B988242	ND	0.010	B988242	0.924	0.010	B988242
Dissolved Uranium (U)	ug/L	0.0450	0.0020	B988242	0.0400	0.0020	B988242	0.785	0.0020	B994433
Dissolved Vanadium (V)	ug/L	ND	0.20	B988242	ND	0.20	B988242	0.28	0.20	B988242
Dissolved Zinc (Zn)	ug/L	0.49	0.10	B988242	0.65	0.10	B988242	2.90	0.10	B994433
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B988242	ND	0.10	B988242	ND	0.10	B988242
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	41.8	0.50	B986735				75.6	0.50	B986735
Total Antimony (Sb)	ug/L	0.024	0.020	B986735				0.527	0.020	B986735
Total Arsenic (As)	ug/L	0.109	0.020	B986735				1.47	0.020	B986735
Total Barium (Ba)	ug/L	3.77	0.020	B986735				5.67	0.020	B986735
Total Beryllium (Be)	ug/L	0.011	0.010	B986735				ND	0.010	B986735
Total Bismuth (Bi)	ug/L	ND	0.0050	B986735				ND	0.0050	B986735
Total Boron (B)	ug/L	ND	10	B986735				16	10	B986735
Total Cadmium (Cd)	ug/L	ND	0.0050	B986735				0.0068	0.0050	B986735
Total Cesium (Cs)	ug/L	ND	0.050	B986735				ND	0.050	B986735
Total Chromium (Cr)	ug/L	ND	0.10	B986735				ND	0.10	B986735
Total Cobalt (Co)	ug/L	0.0115	0.0050	B986735				0.0532	0.0050	B986735
Total Copper (Cu)	ug/L	0.428	0.050	B986735				0.214	0.050	B986735
Total Iron (Fe)	ug/L	26.2	1.0	B986735				6.8	1.0	B986735
Total Lead (Pb)	ug/L	0.0116	0.0050	B986735				0.0139	0.0050	B986735
RDL = Reportable Detection Limit Lab-Dup = Laboratory Initiated Duplicate ND = Not Detected at a concentration equal or greater than the indicated Detection Limit. (1) Matrix spike exceeds acceptance limits due to matrix interference.										



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX282			DMX282			DMX283		
Sampling Date		2025/06/10 11:02			2025/06/10 11:02			2025/06/10 10:45		
COC Number		106513			106513			106513		
	UNITS	WLNG-DS	RDL	QC Batch	WLNG-DS Lab-Dup	RDL	QC Batch	WLNG -EOP	RDL	QC Batch
Total Lithium (Li)	ug/L	ND	0.50	B986735				2.77	0.50	B986735
Total Manganese (Mn)	ug/L	0.392	0.050	B986735				12.6	0.050	B986735
Total Molybdenum (Mo)	ug/L	0.179	0.050	B986735				15.0	0.050	B986735
Total Nickel (Ni)	ug/L	0.217	0.020	B986735				0.139	0.020	B986735
Total Phosphorus (P)	ug/L	2.5	2.0	B986735				ND	2.0	B986735
Total Rubidium (Rb)	ug/L	0.545	0.050	B986735				3.48	0.050	B986735
Total Selenium (Se)	ug/L	ND	0.040	B986735				0.065	0.040	B986735
Total Silicon (Si)	ug/L	5290	50	B986735				6960	50	B986735
Total Silver (Ag)	ug/L	ND	0.0050	B986735				ND	0.0050	B986735
Total Strontium (Sr)	ug/L	12.7	0.050	B986735				41.8	0.050	B986735
Total Tellurium (Te)	ug/L	ND	0.020	B986735				ND	0.020	B986735
Total Thallium (Tl)	ug/L	ND	0.0020	B986735				0.0164	0.0020	B986735
Total Thorium (Th)	ug/L	ND	0.050	B986735				ND	0.050	B986735
Total Tin (Sn)	ug/L	ND	0.20	B986735				ND	0.20	B986735
Total Titanium (Ti)	ug/L	ND	0.50	B986735				ND	0.50	B986735
Total Uranium (U)	ug/L	0.0378	0.0020	B986735				0.252	0.0020	B986735
Total Vanadium (V)	ug/L	ND	0.20	B986735				ND	0.20	B986735
Total Zinc (Zn)	ug/L	0.55	0.10	B986735				1.40	0.10	B986735
Total Zirconium (Zr)	ug/L	ND	0.10	B986735				ND	0.10	B986735
Total Calcium (Ca)	mg/L	2.29	0.050	B983356				20.4	0.050	B983356
Total Magnesium (Mg)	mg/L	0.294	0.050	B983356				1.18	0.050	B983356
Total Potassium (K)	mg/L	0.210	0.050	B983356				1.75	0.050	B983356
Total Sodium (Na)	mg/L	2.17	0.050	B983356				6.06	0.050	B983356
Total Sulphur (S)	mg/L	ND	3.0	B983356				ND	3.0	B983356

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



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX284			DMX284			DMX285		
Sampling Date		2025/06/10 10:27			2025/06/10 10:27			2025/06/10 13:02		
COC Number		106513			106513			106513		
	UNITS	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch	SQRI-US	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L	ND	0.010	B986430				ND	0.010	B986430
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L	13.9	0.050	B986085				2.64	0.050	B986085
Dissolved Magnesium (Mg)	mg/L	0.712	0.050	B986085				0.271	0.050	B986085
Dissolved Potassium (K)	mg/L	1.08	0.050	B986085				0.332	0.050	B986085
Dissolved Sodium (Na)	mg/L	3.42	0.050	B986085				0.771	0.050	B986085
Dissolved Sulphur (S)	mg/L	ND	3.0	B986085				ND	3.0	B986085
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L	52.9	0.50	B994433				35.5	0.50	B988242
Dissolved Antimony (Sb)	ug/L	0.322	0.020	B988242				ND	0.020	B988242
Dissolved Arsenic (As)	ug/L	0.886	0.020	B988242				0.088	0.020	B988242
Dissolved Barium (Ba)	ug/L	5.66	0.020	B988242				3.79	0.020	B988242
Dissolved Beryllium (Be)	ug/L	ND	0.010	B988242				ND	0.010	B988242
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B988242				ND	0.0050	B988242
Dissolved Boron (B)	ug/L	11	10	B988242				ND	10	B988242
Dissolved Cadmium (Cd)	ug/L	0.0090	0.0050	B988242				ND	0.0050	B988242
Dissolved Cesium (Cs)	ug/L	ND	0.050	B988242				ND	0.050	B988242
Dissolved Chromium (Cr)	ug/L	ND	0.10	B988242				ND	0.10	B988242
Dissolved Cobalt (Co)	ug/L	0.0510	0.0050	B988242				0.0300	0.0050	B988242
Dissolved Copper (Cu)	ug/L	0.161	0.050	B988242				0.509	0.050	B988242
Dissolved Iron (Fe)	ug/L	5.8	1.0	B988242				20.7	1.0	B988242
Dissolved Lead (Pb)	ug/L	0.0080	0.0050	B988242				0.0090	0.0050	B988242
Dissolved Lithium (Li)	ug/L	1.67	0.50	B988242				ND	0.50	B988242
Dissolved Manganese (Mn)	ug/L	9.12	0.050	B988242				3.70	0.050	B988242
Dissolved Molybdenum (Mo)	ug/L	10.7	0.050	B988242				0.312	0.050	B994433
Dissolved Nickel (Ni)	ug/L	0.158	0.020	B988242				0.066	0.020	B988242
Dissolved Phosphorus (P)	ug/L	2.1	2.0	B988242				5.7	2.0	B988242
Dissolved Rubidium (Rb)	ug/L	2.18	0.050	B988242				0.477	0.050	B988242
Dissolved Selenium (Se)	ug/L	ND	0.040	B988242				ND	0.040	B988242
RDL = Reportable Detection Limit										
Lab-Dup = Laboratory Initiated Duplicate										
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX284			DMX284			DMX285		
Sampling Date		2025/06/10 10:27			2025/06/10 10:27			2025/06/10 13:02		
COC Number		106513			106513			106513		
	UNITS	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch	SQRI-US	RDL	QC Batch
Dissolved Silicon (Si)	ug/L	5770	50	B988242				2190	50	B988242
Dissolved Silver (Ag)	ug/L	0.0050	0.0050	B988242				0.0050	0.0050	B988242
Dissolved Strontium (Sr)	ug/L	30.4	0.050	B988242				14.9	0.050	B988242
Dissolved Tellurium (Te)	ug/L	ND	0.020	B988242				ND	0.020	B988242
Dissolved Thallium (Tl)	ug/L	0.0100	0.0020	B988242				0.0020	0.0020	B988242
Dissolved Thorium (Th)	ug/L	0.0060	0.0050	B988242				0.0080	0.0050	B988242
Dissolved Tin (Sn)	ug/L	ND	0.20	B988242				ND	0.20	B988242
Dissolved Titanium (Ti)	ug/L	ND	0.50	B988242				0.64	0.50	B988242
Dissolved Tungsten (W)	ug/L	0.706	0.010	B988242				ND	0.010	B988242
Dissolved Uranium (U)	ug/L	0.869	0.0020	B994433				0.0220	0.0020	B988242
Dissolved Vanadium (V)	ug/L	0.29	0.20	B988242				0.73	0.20	B988242
Dissolved Zinc (Zn)	ug/L	0.97	0.10	B988242				0.30	0.10	B988242
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B988242				ND	0.10	B988242
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	28.7 (1)	3.0	B986482	26.4	3.0	B986482	625	3.0	B986482
Total Antimony (Sb)	ug/L	0.389	0.020	B986482	0.428	0.020	B986482	ND	0.020	B986482
Total Arsenic (As)	ug/L	1.17	0.020	B986482	1.18	0.020	B986482	0.118	0.020	B986482
Total Barium (Ba)	ug/L	4.79	0.050	B986482	4.80	0.050	B986482	13.5	0.050	B986482
Total Beryllium (Be)	ug/L	ND	0.010	B986482	ND	0.010	B986482	0.013	0.010	B986482
Total Bismuth (Bi)	ug/L	ND	0.010	B986482	ND	0.010	B986482	ND	0.010	B986482
Total Boron (B)	ug/L	11	10	B986482	11	10	B986482	ND	10	B986482
Total Cadmium (Cd)	ug/L	0.0080	0.0050	B986482	0.0060	0.0050	B986482	0.0050	0.0050	B986482
Total Cesium (Cs)	ug/L	ND	0.050	B986482	ND	0.050	B986482	ND	0.050	B986482
Total Chromium (Cr)	ug/L	ND	0.10	B986482	ND	0.10	B986482	0.16	0.10	B986482
Total Cobalt (Co)	ug/L	0.040	0.010	B986482	0.041	0.010	B986482	0.155	0.010	B986482
Total Copper (Cu)	ug/L	ND	0.10	B986482	ND	0.10	B986482	1.02	0.10	B986482
Total Iron (Fe)	ug/L	ND	5.0	B986482	6.7	5.0	B986482	341	5.0	B986482
Total Lead (Pb)	ug/L	ND	0.020	B986482	ND	0.020	B986482	0.088	0.020	B986482
Total Lithium (Li)	ug/L	1.94	0.50	B986482	1.84	0.50	B986482	ND	0.50	B986482

RDL = Reportable Detection Limit
 Lab-Dup = Laboratory Initiated Duplicate
 ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.
 (1) Matrix spike exceeds acceptance limits due to matrix interference.



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX284			DMX284			DMX285		
Sampling Date		2025/06/10 10:27			2025/06/10 10:27			2025/06/10 13:02		
COC Number		106513			106513			106513		
	UNITS	WLNG-US	RDL	QC Batch	WLNG-US Lab-Dup	RDL	QC Batch	SQRI-US	RDL	QC Batch
Total Manganese (Mn)	ug/L	7.47	0.10	B986482	7.64	0.10	B986482	10.5	0.10	B986482
Total Molybdenum (Mo)	ug/L	15.7	0.050	B986482	16.0	0.050	B986482	0.105	0.050	B986482
Total Nickel (Ni)	ug/L	0.12	0.10	B986482	0.17	0.10	B986482	0.20	0.10	B986482
Total Phosphorus (P)	ug/L	ND	5.0	B986482	ND	5.0	B986482	13.9	5.0	B986482
Total Rubidium (Rb)	ug/L	2.46	0.050	B986482	2.51	0.050	B986482	1.10	0.050	B986482
Total Selenium (Se)	ug/L	0.053	0.040	B986482	0.051	0.040	B986482	ND	0.040	B986482
Total Silicon (Si)	ug/L	5510	50	B986482	5720	50	B986482	4530	50	B986482
Total Silver (Ag)	ug/L	ND	0.010	B986482	ND	0.010	B986482	ND	0.010	B986482
Total Strontium (Sr)	ug/L	32.3	0.050	B986482	32.1	0.050	B986482	18.4	0.050	B986482
Total Tellurium (Te)	ug/L	ND	0.020	B986482	ND	0.020	B986482	ND	0.020	B986482
Total Thallium (Tl)	ug/L	0.0090	0.0020	B986482	0.0100	0.0020	B986482	0.0070	0.0020	B986482
Total Thorium (Th)	ug/L	ND	0.050	B986482	ND	0.050	B986482	ND	0.050	B986482
Total Tin (Sn)	ug/L	ND	0.20	B986482	ND	0.20	B986482	ND	0.20	B986482
Total Titanium (Ti)	ug/L	ND	2.0	B986482	ND	2.0	B986482	25.6	2.0	B986482
Total Uranium (U)	ug/L	0.184	0.0050	B986482	0.199	0.0050	B986482	0.0180	0.0050	B986482
Total Vanadium (V)	ug/L	ND	0.20	B986482	ND	0.20	B986482	0.83	0.20	B986482
Total Zinc (Zn)	ug/L	ND	1.0	B986482	ND	1.0	B986482	1.5	1.0	B986482
Total Zirconium (Zr)	ug/L	ND	0.10	B986482	ND	0.10	B986482	0.26	0.10	B986482
Total Calcium (Ca)	mg/L	13.5	0.25	B983356				2.45	0.25	B983356
Total Magnesium (Mg)	mg/L	0.74	0.25	B983356				0.35	0.25	B983356
Total Potassium (K)	mg/L	1.23	0.25	B983356				0.53	0.25	B983356
Total Sodium (Na)	mg/L	3.64	0.25	B983356				0.91	0.25	B983356
Total Sulphur (S)	mg/L	ND	3.0	B983356				ND	3.0	B983356

RDL = Reportable Detection Limit

Lab-Dup = Laboratory Initiated Duplicate

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



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX286		DMX287			DMX288		
Sampling Date		2025/06/10 13:21		2025/06/10 13:21			2025/06/10		
COC Number		106513		106513			106513		
	UNITS	SQRI-DS	QC Batch	Field Blank	RDL	QC Batch	Trip Blank	RDL	QC Batch

ANIONS

Bromide (Br)	mg/L	ND	B986430	ND	0.010	B986430	ND	0.010	B986430
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Dissolved Metals by ICPMS

Dissolved Calcium (Ca)	mg/L	2.85	B986085	2.62	0.050	B986085	ND	0.050	B986085
Dissolved Magnesium (Mg)	mg/L	0.296	B986085	0.271	0.050	B986085	ND	0.050	B986085
Dissolved Potassium (K)	mg/L	0.302	B986085	0.352	0.050	B986085	ND	0.050	B986085
Dissolved Sodium (Na)	mg/L	0.846	B986085	0.757	0.050	B986085	ND	0.050	B986085
Dissolved Sulphur (S)	mg/L	ND	B986085	ND	3.0	B986085	ND	3.0	B986085

Lab Filtered Metals

Dissolved Aluminum (Al)	ug/L	32.7	B988242	33.9	0.50	B994433	ND	0.50	B988242
Dissolved Antimony (Sb)	ug/L	0.020	B988242	ND	0.020	B988242	ND	0.020	B988242
Dissolved Arsenic (As)	ug/L	0.085	B988242	0.091	0.020	B994433	ND	0.020	B988242
Dissolved Barium (Ba)	ug/L	3.74	B988242	4.57	0.020	B994433	ND	0.020	B988242
Dissolved Beryllium (Be)	ug/L	ND	B988242	ND	0.010	B988242	ND	0.010	B988242
Dissolved Bismuth (Bi)	ug/L	ND	B988242	ND	0.0050	B988242	ND	0.0050	B988242
Dissolved Boron (B)	ug/L	ND	B988242	ND	10	B988242	ND	10	B988242
Dissolved Cadmium (Cd)	ug/L	ND	B988242	ND	0.0050	B988242	ND	0.0050	B988242
Dissolved Cesium (Cs)	ug/L	ND	B988242	ND	0.050	B988242	ND	0.050	B988242
Dissolved Chromium (Cr)	ug/L	ND	B988242	ND	0.10	B988242	ND	0.10	B988242
Dissolved Cobalt (Co)	ug/L	0.0260	B988242	0.0110	0.0050	B994433	ND	0.0050	B988242
Dissolved Copper (Cu)	ug/L	0.504	B988242	0.517	0.050	B994433	ND	0.050	B988242
Dissolved Iron (Fe)	ug/L	17.2	B988242	19.1	1.0	B994433	ND	1.0	B988242
Dissolved Lead (Pb)	ug/L	0.0080	B988242	0.0120	0.0050	B994433	ND	0.0050	B988242
Dissolved Lithium (Li)	ug/L	ND	B988242	ND	0.50	B988242	ND	0.50	B988242
Dissolved Manganese (Mn)	ug/L	3.34	B988242	0.614	0.050	B994433	ND	0.050	B988242
Dissolved Molybdenum (Mo)	ug/L	0.305	B988242	0.309	0.050	B994433	ND	0.050	B988242
Dissolved Nickel (Ni)	ug/L	0.044	B988242	0.054	0.020	B994433	ND	0.020	B988242
Dissolved Phosphorus (P)	ug/L	6.9	B988242	4.2	2.0	B994433	ND	2.0	B988242
Dissolved Rubidium (Rb)	ug/L	0.419	B988242	0.623	0.050	B994433	ND	0.050	B988242
Dissolved Selenium (Se)	ug/L	ND	B988242	ND	0.040	B988242	ND	0.040	B988242
Dissolved Silicon (Si)	ug/L	2470	B988242	2010	50	B994433	ND	50	B988242

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



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX286		DMX287			DMX288		
Sampling Date		2025/06/10 13:21		2025/06/10 13:21			2025/06/10		
COC Number		106513		106513			106513		
	UNITS	SQRI-DS	QC Batch	Field Blank	RDL	QC Batch	Trip Blank	RDL	QC Batch
Dissolved Silver (Ag)	ug/L	0.0060	B988242	ND	0.0050	B988242	ND	0.0050	B988242
Dissolved Strontium (Sr)	ug/L	16.2	B988242	15.2	0.050	B994433	ND	0.050	B988242
Dissolved Tellurium (Te)	ug/L	ND	B988242	ND	0.020	B988242	ND	0.020	B988242
Dissolved Thallium (Tl)	ug/L	ND	B988242	0.0020	0.0020	B994433	ND	0.0020	B988242
Dissolved Thorium (Th)	ug/L	ND	B988242	0.0130	0.0050	B994433	ND	0.0050	B988242
Dissolved Tin (Sn)	ug/L	ND	B988242	ND	0.20	B988242	ND	0.20	B988242
Dissolved Titanium (Ti)	ug/L	ND	B988242	1.25	0.50	B994433	ND	0.50	B988242
Dissolved Tungsten (W)	ug/L	ND	B988242	ND	0.010	B988242	ND	0.010	B988242
Dissolved Uranium (U)	ug/L	0.0200	B988242	0.0240	0.0020	B994433	ND	0.0020	B988242
Dissolved Vanadium (V)	ug/L	0.69	B988242	0.67	0.20	B994433	ND	0.20	B988242
Dissolved Zinc (Zn)	ug/L	0.28	B988242	0.13	0.10	B988242	ND	0.10	B988242
Dissolved Zirconium (Zr)	ug/L	ND	B988242	ND	0.10	B988242	ND	0.10	B988242
Total Metals by ICPMS									
Total Aluminum (Al)	ug/L	607	B986482	410	3.0	B986789	ND	0.50	B986735
Total Antimony (Sb)	ug/L	ND	B986482	ND	0.020	B986789	ND	0.020	B986735
Total Arsenic (As)	ug/L	0.096	B986482	0.093	0.020	B986789	ND	0.020	B986735
Total Barium (Ba)	ug/L	9.36	B986482	9.33	0.050	B986789	ND	0.020	B986735
Total Beryllium (Be)	ug/L	ND	B986482	ND	0.010	B986789	ND	0.010	B986735
Total Bismuth (Bi)	ug/L	ND	B986482	ND	0.010	B986789	ND	0.0050	B986735
Total Boron (B)	ug/L	ND	B986482	ND	10	B986789	ND	10	B986735
Total Cadmium (Cd)	ug/L	ND	B986482	ND	0.0050	B986789	ND	0.0050	B986735
Total Cesium (Cs)	ug/L	ND	B986482	ND	0.050	B986789	ND	0.050	B986735
Total Chromium (Cr)	ug/L	0.19	B986482	0.11	0.10	B986789	ND	0.10	B986735
Total Cobalt (Co)	ug/L	0.104	B986482	0.110	0.010	B986789	ND	0.0050	B986735
Total Copper (Cu)	ug/L	0.94	B986482	0.84	0.10	B986789	ND	0.050	B986735
Total Iron (Fe)	ug/L	197	B986482	224	5.0	B986789	ND	1.0	B986735
Total Lead (Pb)	ug/L	0.079	B986482	0.064	0.020	B986789	ND	0.0050	B986735
Total Lithium (Li)	ug/L	ND	B986482	0.51	0.50	B986789	ND	0.50	B986735
Total Manganese (Mn)	ug/L	6.89	B986482	8.43	0.10	B986789	ND	0.050	B986735
Total Molybdenum (Mo)	ug/L	0.351	B986482	0.107	0.050	B986789	ND	0.050	B986735
Total Nickel (Ni)	ug/L	0.15	B986482	0.18	0.10	B986789	ND	0.020	B986735
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.									



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX286		DMX287			DMX288		
Sampling Date		2025/06/10 13:21		2025/06/10 13:21			2025/06/10		
COC Number		106513		106513			106513		
	UNITS	SQRI-DS	QC Batch	Field Blank	RDL	QC Batch	Trip Blank	RDL	QC Batch
Total Phosphorus (P)	ug/L	12.9	B986482	9.3	5.0	B986789	ND	2.0	B986735
Total Rubidium (Rb)	ug/L	0.840	B986482	0.935	0.050	B986789	ND	0.050	B986735
Total Selenium (Se)	ug/L	ND	B986482	ND	0.040	B986789	ND	0.040	B986735
Total Silicon (Si)	ug/L	4260	B986482	3050	50	B986789	ND	50	B986735
Total Silver (Ag)	ug/L	ND	B986482	ND	0.010	B986789	ND	0.0050	B986735
Total Strontium (Sr)	ug/L	15.6	B986482	16.5	0.050	B986789	ND	0.050	B986735
Total Tellurium (Te)	ug/L	ND	B986482	ND	0.020	B986789	ND	0.020	B986735
Total Thallium (Tl)	ug/L	0.0040	B986482	0.0060	0.0020	B986789	ND	0.0020	B986735
Total Thorium (Th)	ug/L	ND	B986482	ND	0.050	B986789	ND	0.050	B986735
Total Tin (Sn)	ug/L	ND	B986482	ND	0.20	B986789	ND	0.20	B986735
Total Titanium (Ti)	ug/L	16.3	B986482	18.4	2.0	B986789	ND	0.50	B986735
Total Uranium (U)	ug/L	0.0160	B986482	0.0170	0.0050	B986789	ND	0.0020	B986735
Total Vanadium (V)	ug/L	1.02	B986482	0.78	0.20	B986789	ND	0.20	B986735
Total Zinc (Zn)	ug/L	ND	B986482	1.2	1.0	B986789	ND	0.10	B986735
Total Zirconium (Zr)	ug/L	0.38	B986482	0.33	0.10	B986789	ND	0.10	B986735
Total Calcium (Ca)	mg/L	2.09	B983356	2.56	0.25	B983356	ND	0.050	B983356
Total Magnesium (Mg)	mg/L	0.32	B983356	0.34	0.25	B983356	ND	0.050	B983356
Total Potassium (K)	mg/L	0.43	B983356	0.44	0.25	B983356	ND	0.050	B983356
Total Sodium (Na)	mg/L	0.98	B983356	0.86	0.25	B983356	ND	0.050	B983356
Total Sulphur (S)	mg/L	ND	B983356	ND	3.0	B983356	ND	3.0	B983356
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.									



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX288			DMX289			DMX290		
Sampling Date		2025/06/10			2025/06/10 09:50			2025/06/10 09:25		
COC Number		106513			106513			106513		
	UNITS	Trip Blank Lab-Dup	RDL	QC Batch	Q01	RDL	QC Batch	Q02	RDL	QC Batch
ANIONS										
Bromide (Br)	mg/L				ND	0.010	B986430	0.078	0.010	B986430
Dissolved Metals by ICPMS										
Dissolved Calcium (Ca)	mg/L				2.78	0.050	B992794	23.8	0.050	B986085
Dissolved Magnesium (Mg)	mg/L				0.262	0.050	B992794	1.51	0.050	B986085
Dissolved Potassium (K)	mg/L				0.095	0.050	B992794	2.14	0.050	B986085
Dissolved Sodium (Na)	mg/L				1.15	0.050	B992794	9.08	0.050	B986085
Dissolved Sulphur (S)	mg/L				ND	3.0	B992794	3.9	3.0	B986085
Lab Filtered Metals										
Dissolved Aluminum (Al)	ug/L				39.5	0.50	B988242	8.82	0.50	B988242
Dissolved Antimony (Sb)	ug/L				0.029	0.020	B988242	0.077	0.020	B988242
Dissolved Arsenic (As)	ug/L				0.058	0.020	B988242	0.080	0.020	B988242
Dissolved Barium (Ba)	ug/L				6.67	0.020	B988242	20.8	0.020	B988242
Dissolved Beryllium (Be)	ug/L				ND	0.010	B988242	ND	0.010	B988242
Dissolved Bismuth (Bi)	ug/L				ND	0.0050	B988242	ND	0.0050	B988242
Dissolved Boron (B)	ug/L				ND	10	B988242	12	10	B988242
Dissolved Cadmium (Cd)	ug/L				0.0090	0.0050	B988242	ND	0.0050	B988242
Dissolved Cesium (Cs)	ug/L				ND	0.050	B988242	ND	0.050	B988242
Dissolved Chromium (Cr)	ug/L				ND	0.10	B988242	ND	0.10	B988242
Dissolved Cobalt (Co)	ug/L				0.0180	0.0050	B988242	0.129	0.0050	B994433
Dissolved Copper (Cu)	ug/L				0.492	0.050	B988242	0.339	0.050	B988242
Dissolved Iron (Fe)	ug/L				6.8	1.0	B988242	34.4	1.0	B988242
Dissolved Lead (Pb)	ug/L				0.0260	0.0050	B988242	ND	0.0050	B988242
Dissolved Lithium (Li)	ug/L				ND	0.50	B988242	1.79	0.50	B988242
Dissolved Manganese (Mn)	ug/L				0.492	0.050	B988242	168	0.050	B988242
Dissolved Molybdenum (Mo)	ug/L				0.246	0.050	B994433	3.65	0.050	B988242
Dissolved Nickel (Ni)	ug/L				0.183	0.020	B988242	0.247	0.020	B988242
Dissolved Phosphorus (P)	ug/L				ND	2.0	B988242	ND	2.0	B988242
Dissolved Rubidium (Rb)	ug/L				0.264	0.050	B988242	2.95	0.050	B988242
Dissolved Selenium (Se)	ug/L				ND	0.040	B988242	ND	0.040	B988242
RDL = Reportable Detection Limit										
Lab-Dup = Laboratory Initiated Duplicate										
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX288			DMX289			DMX290		
Sampling Date		2025/06/10			2025/06/10 09:50			2025/06/10 09:25		
COC Number		106513			106513			106513		
	UNITS	Trip Blank Lab-Dup	RDL	QC Batch	Q01	RDL	QC Batch	Q02	RDL	QC Batch
Dissolved Silicon (Si)	ug/L				3030	50	B988242	4920	50	B988242
Dissolved Silver (Ag)	ug/L				ND	0.0050	B988242	ND	0.0050	B988242
Dissolved Strontium (Sr)	ug/L				11.3	0.050	B988242	93.4	0.050	B988242
Dissolved Tellurium (Te)	ug/L				ND	0.020	B988242	ND	0.020	B988242
Dissolved Thallium (Tl)	ug/L				0.0020	0.0020	B988242	0.0030	0.0020	B988242
Dissolved Thorium (Th)	ug/L				0.0100	0.0050	B988242	0.0060	0.0050	B988242
Dissolved Tin (Sn)	ug/L				ND	0.20	B988242	ND	0.20	B988242
Dissolved Titanium (Ti)	ug/L				ND	0.50	B988242	ND	0.50	B988242
Dissolved Tungsten (W)	ug/L				ND	0.010	B988242	ND	0.010	B988242
Dissolved Uranium (U)	ug/L				0.0830	0.0020	B994433	1.60	0.0020	B994433
Dissolved Vanadium (V)	ug/L				ND	0.20	B988242	ND	0.20	B988242
Dissolved Zinc (Zn)	ug/L				2.65	0.10	B988242	3.58	0.10	B994433
Dissolved Zirconium (Zr)	ug/L				ND	0.10	B988242	ND	0.10	B988242
Total Metals by ICPMS										
Total Aluminum (Al)	ug/L	ND	0.50	B986735	29.8	3.0	B986482	20.3	0.50	B986735
Total Antimony (Sb)	ug/L	ND	0.020	B986735	0.020	0.020	B986482	0.083	0.020	B986735
Total Arsenic (As)	ug/L	ND	0.020	B986735	0.034	0.020	B986482	0.071	0.020	B986735
Total Barium (Ba)	ug/L	ND	0.020	B986735	5.30	0.050	B986482	18.6	0.020	B986735
Total Beryllium (Be)	ug/L	ND	0.010	B986735	ND	0.010	B986482	ND	0.010	B986735
Total Bismuth (Bi)	ug/L	ND	0.0050	B986735	ND	0.010	B986482	ND	0.0050	B986735
Total Boron (B)	ug/L	ND	10	B986735	ND	10	B986482	15	10	B986735
Total Cadmium (Cd)	ug/L	ND	0.0050	B986735	0.0050	0.0050	B986482	ND	0.0050	B986735
Total Cesium (Cs)	ug/L	ND	0.050	B986735	ND	0.050	B986482	ND	0.050	B986735
Total Chromium (Cr)	ug/L	ND	0.10	B986735	ND	0.10	B986482	ND	0.10	B986735
Total Cobalt (Co)	ug/L	ND	0.0050	B986735	0.018	0.010	B986482	0.165	0.0050	B986735
Total Copper (Cu)	ug/L	ND	0.050	B986735	0.36	0.10	B986482	0.303	0.050	B986735
Total Iron (Fe)	ug/L	ND	1.0	B986735	6.1	5.0	B986482	55.6	1.0	B986735
Total Lead (Pb)	ug/L	ND	0.0050	B986735	ND	0.020	B986482	ND	0.0050	B986735
Total Lithium (Li)	ug/L	ND	0.50	B986735	ND	0.50	B986482	2.23	0.50	B986735
Total Manganese (Mn)	ug/L	ND	0.050	B986735	0.68	0.10	B986482	134	0.050	B986735
RDL = Reportable Detection Limit										
Lab-Dup = Laboratory Initiated Duplicate										
ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.										



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX288			DMX289			DMX290		
Sampling Date		2025/06/10			2025/06/10 09:50			2025/06/10 09:25		
COC Number		106513			106513			106513		
	UNITS	Trip Blank Lab-Dup	RDL	QC Batch	Q01	RDL	QC Batch	Q02	RDL	QC Batch
Total Molybdenum (Mo)	ug/L	ND	0.050	B986735	0.108	0.050	B986482	4.25	0.050	B986735
Total Nickel (Ni)	ug/L	ND	0.020	B986735	0.12	0.10	B986482	0.226	0.020	B986735
Total Phosphorus (P)	ug/L	ND	2.0	B986735	ND	5.0	B986482	ND	2.0	B986735
Total Rubidium (Rb)	ug/L	ND	0.050	B986735	0.232	0.050	B986482	3.50	0.050	B986735
Total Selenium (Se)	ug/L	ND	0.040	B986735	ND	0.040	B986482	0.049	0.040	B986735
Total Silicon (Si)	ug/L	ND	50	B986735	2700	50	B986482	5350	50	B986735
Total Silver (Ag)	ug/L	ND	0.0050	B986735	ND	0.010	B986482	ND	0.0050	B986735
Total Strontium (Sr)	ug/L	ND	0.050	B986735	10.9	0.050	B986482	103	0.050	B986735
Total Tellurium (Te)	ug/L	ND	0.020	B986735	ND	0.020	B986482	ND	0.020	B986735
Total Thallium (Tl)	ug/L	ND	0.0020	B986735	0.0020	0.0020	B986482	0.0036	0.0020	B986735
Total Thorium (Th)	ug/L	ND	0.050	B986735	ND	0.050	B986482	ND	0.050	B986735
Total Tin (Sn)	ug/L	ND	0.20	B986735	ND	0.20	B986482	ND	0.20	B986735
Total Titanium (Ti)	ug/L	ND	0.50	B986735	ND	2.0	B986482	ND	0.50	B986735
Total Uranium (U)	ug/L	ND	0.0020	B986735	0.0360	0.0050	B986482	0.469	0.0020	B986735
Total Vanadium (V)	ug/L	ND	0.20	B986735	ND	0.20	B986482	ND	0.20	B986735
Total Zinc (Zn)	ug/L	ND	0.10	B986735	1.1	1.0	B986482	1.93	0.10	B986735
Total Zirconium (Zr)	ug/L	ND	0.10	B986735	ND	0.10	B986482	ND	0.10	B986735
Total Calcium (Ca)	mg/L				2.22	0.25	B983356	26.3	0.050	B983356
Total Magnesium (Mg)	mg/L				ND	0.25	B983356	1.89	0.050	B983356
Total Potassium (K)	mg/L				ND	0.25	B983356	2.55	0.050	B983356
Total Sodium (Na)	mg/L				1.07	0.25	B983356	12.6	0.050	B983356
Total Sulphur (S)	mg/L				ND	3.0	B983356	4.5	3.0	B983356

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



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX291		
Sampling Date		2025/06/10 09:05		
COC Number		106513		
	UNITS	Q03	RDL	QC Batch
ANIONS				
Bromide (Br)	mg/L	0.138	0.010	B986430
Dissolved Metals by ICPMS				
Dissolved Calcium (Ca)	mg/L	14.1	0.050	B986085
Dissolved Magnesium (Mg)	mg/L	1.22	0.050	B986085
Dissolved Potassium (K)	mg/L	1.52	0.050	B986085
Dissolved Sodium (Na)	mg/L	5.98	0.050	B986085
Dissolved Sulphur (S)	mg/L	ND	3.0	B986085
Lab Filtered Metals				
Dissolved Aluminum (Al)	ug/L	25.7	0.50	B988242
Dissolved Antimony (Sb)	ug/L	0.043	0.020	B988242
Dissolved Arsenic (As)	ug/L	0.170	0.020	B988242
Dissolved Barium (Ba)	ug/L	18.6	0.020	B994433
Dissolved Beryllium (Be)	ug/L	ND	0.010	B988242
Dissolved Bismuth (Bi)	ug/L	ND	0.0050	B988242
Dissolved Boron (B)	ug/L	11	10	B988242
Dissolved Cadmium (Cd)	ug/L	ND	0.0050	B988242
Dissolved Cesium (Cs)	ug/L	ND	0.050	B988242
Dissolved Chromium (Cr)	ug/L	ND	0.10	B988242
Dissolved Cobalt (Co)	ug/L	1.62	0.0050	B994433
Dissolved Copper (Cu)	ug/L	0.301	0.050	B988242
Dissolved Iron (Fe)	ug/L	3500	1.0	B994433
Dissolved Lead (Pb)	ug/L	0.0110	0.0050	B988242
Dissolved Lithium (Li)	ug/L	ND	0.50	B988242
Dissolved Manganese (Mn)	ug/L	434	0.050	B994433
Dissolved Molybdenum (Mo)	ug/L	1.68	0.050	B988242
Dissolved Nickel (Ni)	ug/L	0.731	0.020	B994433
Dissolved Phosphorus (P)	ug/L	2.9	2.0	B988242
Dissolved Rubidium (Rb)	ug/L	3.42	0.050	B988242
Dissolved Selenium (Se)	ug/L	ND	0.040	B988242
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX291		
Sampling Date		2025/06/10 09:05		
COC Number		106513		
	UNITS	Q03	RDL	QC Batch
Dissolved Silicon (Si)	ug/L	5470	50	B988242
Dissolved Silver (Ag)	ug/L	0.0050	0.0050	B988242
Dissolved Strontium (Sr)	ug/L	55.1	0.050	B988242
Dissolved Tellurium (Te)	ug/L	ND	0.020	B988242
Dissolved Thallium (Tl)	ug/L	0.0060	0.0020	B988242
Dissolved Thorium (Th)	ug/L	0.0150	0.0050	B988242
Dissolved Tin (Sn)	ug/L	ND	0.20	B988242
Dissolved Titanium (Ti)	ug/L	ND	0.50	B988242
Dissolved Tungsten (W)	ug/L	ND	0.010	B988242
Dissolved Uranium (U)	ug/L	0.294	0.0020	B994433
Dissolved Vanadium (V)	ug/L	0.36	0.20	B988242
Dissolved Zinc (Zn)	ug/L	3.87	0.10	B994433
Dissolved Zirconium (Zr)	ug/L	ND	0.10	B988242
Total Metals by ICPMS				
Total Aluminum (Al)	ug/L	31.6	3.0	B986482
Total Antimony (Sb)	ug/L	0.049	0.020	B986482
Total Arsenic (As)	ug/L	0.128	0.020	B986482
Total Barium (Ba)	ug/L	8.63	0.050	B986482
Total Beryllium (Be)	ug/L	ND	0.010	B986482
Total Bismuth (Bi)	ug/L	ND	0.010	B986482
Total Boron (B)	ug/L	ND	10	B986482
Total Cadmium (Cd)	ug/L	ND	0.0050	B986482
Total Cesium (Cs)	ug/L	ND	0.050	B986482
Total Chromium (Cr)	ug/L	ND	0.10	B986482
Total Cobalt (Co)	ug/L	0.779	0.010	B986482
Total Copper (Cu)	ug/L	0.17	0.10	B986482
Total Iron (Fe)	ug/L	1710	5.0	B986482
Total Lead (Pb)	ug/L	ND	0.020	B986482
Total Lithium (Li)	ug/L	ND	0.50	B986482
Total Manganese (Mn)	ug/L	138	0.10	B986482
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Bureau Veritas ID		DMX291		
Sampling Date		2025/06/10 09:05		
COC Number		106513		
	UNITS	Q03	RDL	QC Batch
Total Molybdenum (Mo)	ug/L	1.93	0.050	B986482
Total Nickel (Ni)	ug/L	0.33	0.10	B986482
Total Phosphorus (P)	ug/L	ND	5.0	B986482
Total Rubidium (Rb)	ug/L	3.22	0.050	B986482
Total Selenium (Se)	ug/L	0.045	0.040	B986482
Total Silicon (Si)	ug/L	4790	50	B986482
Total Silver (Ag)	ug/L	ND	0.010	B986482
Total Strontium (Sr)	ug/L	46.9	0.050	B986482
Total Tellurium (Te)	ug/L	ND	0.020	B986482
Total Thallium (Tl)	ug/L	0.0040	0.0020	B986482
Total Thorium (Th)	ug/L	ND	0.050	B986482
Total Tin (Sn)	ug/L	ND	0.20	B986482
Total Titanium (Ti)	ug/L	ND	2.0	B986482
Total Uranium (U)	ug/L	0.114	0.0050	B986482
Total Vanadium (V)	ug/L	ND	0.20	B986482
Total Zinc (Zn)	ug/L	ND	1.0	B986482
Total Zirconium (Zr)	ug/L	ND	0.10	B986482
Total Calcium (Ca)	mg/L	11.1	0.25	B983356
Total Magnesium (Mg)	mg/L	1.02	0.25	B983356
Total Potassium (K)	mg/L	1.45	0.25	B983356
Total Sodium (Na)	mg/L	5.71	0.25	B983356
Total Sulphur (S)	mg/L	ND	3.0	B983356
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



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

Bureau Veritas ID		DMX283		
Sampling Date		2025/06/10 10:45		
COC Number		106513		
	UNITS	WLNG -EOP	RDL	QC Batch
Calculated Parameters				
Low Molecular Weight PAH`s	ug/L	ND	0.10	B982844
High Molecular Weight PAH`s	ug/L	ND	0.050	B982844
Total PAH	ug/L	ND	0.10	B982844
Polycyclic Aromatics				
Quinoline	ug/L	ND	0.020	B992614
Naphthalene	ug/L	ND	0.10	B992614
1-Methylnaphthalene	ug/L	ND	0.050	B992614
2-Methylnaphthalene	ug/L	ND	0.10	B992614
Acenaphthylene	ug/L	ND	0.050	B992614
Acenaphthene	ug/L	ND	0.050	B992614
Fluorene	ug/L	ND	0.050	B992614
Phenanthrene	ug/L	ND	0.050	B992614
Anthracene	ug/L	ND	0.010	B992614
Acridine	ug/L	ND	0.050	B992614
Fluoranthene	ug/L	ND	0.020	B992614
Pyrene	ug/L	ND	0.020	B992614
Benzo(a)anthracene	ug/L	ND	0.010	B992614
Chrysene	ug/L	ND	0.020	B992614
Benzo(b&j)fluoranthene	ug/L	ND	0.030	B992614
Benzo(k)fluoranthene	ug/L	ND	0.050	B992614
Benzo(a)pyrene	ug/L	ND	0.0050	B992614
Indeno(1,2,3-cd)pyrene	ug/L	ND	0.050	B992614
Dibenz(a,h)anthracene	ug/L	ND	0.0030	B992614
Benzo(g,h,i)perylene	ug/L	ND	0.050	B992614
Calculated Parameters				
LEPH (C10-C19 less PAH)	mg/L	ND	0.20	B982847
HEPH (C19-C32 less PAH)	mg/L	ND	0.20	B982847
Ext. Pet. Hydrocarbon				
EPH (C10-C19)	mg/L	ND	0.20	B992622
EPH (C19-C32)	mg/L	ND	0.20	B992622
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



Bureau Veritas Job #: C553331
 Report Date: 2025/06/19

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

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

Bureau Veritas ID		DMX283		
Sampling Date		2025/06/10 10:45		
COC Number		106513		
	UNITS	WLNG -EOP	RDL	QC Batch
Surrogate Recovery (%)				
O-TERPHENYL (sur.)	%	99		B992622
D10-ANTHRACENE (sur.)	%	96		B992614
D8-ACENAPHTHYLENE (sur.)	%	90		B992614
D8-NAPHTHALENE (sur.)	%	82		B992614
TERPHENYL-D14 (sur.)	%	85		B992614
RDL = Reportable Detection Limit				



BUREAU
VERITAS

Bureau Veritas Job #: C553331
Report Date: 2025/06/19

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

CSR D. METALS W/CV HG-LAB FILT (WATER)

Bureau Veritas ID		DMX282	DMX283	DMX284	DMX285	DMX286	DMX287	DMX288		
Sampling Date		2025/06/10 11:02	2025/06/10 10:45	2025/06/10 10:27	2025/06/10 13:02	2025/06/10 13:21	2025/06/10 13:21	2025/06/10		
COC Number		106513	106513	106513	106513	106513	106513	106513		
	UNITS	WLNG-DS	WLNG -EOP	WLNG-US	SQRI-US	SQRI-DS	Field Blank	Trip Blank	RDL	QC Batch

Calculated Parameters										
Dissolved Hardness (CaCO3)	mg/L	6.15	50.1	37.8	7.70	8.33	7.66	ND	0.50	B984056
Lab Filtered Elements										
Dissolved Mercury (Hg)	ug/L	0.0020 (1)	ND (1)	0.0019	B993093					

RDL = Reportable Detection Limit

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

(1) Sample received was not in compliance with BC CSR sampling requirements for Mercury in water.

Bureau Veritas ID		DMX289		DMX290	DMX291		
Sampling Date		2025/06/10 09:50		2025/06/10 09:25	2025/06/10 09:05		
COC Number		106513		106513	106513		
	UNITS	Q01	QC Batch	Q02	Q03	RDL	QC Batch

Calculated Parameters							
Dissolved Hardness (CaCO3)	mg/L	8.02	B992790	65.7	40.2	0.50	B984056
Lab Filtered Elements							
Dissolved Mercury (Hg)	ug/L	ND (1)	B993093	ND (1)	0.0030 (1)	0.0019	B993093

RDL = Reportable Detection Limit

(1) Sample received was not in compliance with BC CSR sampling requirements for Mercury in water.



CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DMX283		
Sampling Date		2025/06/10 10:45		
COC Number		106513		
	UNITS	WLNG -EOP	RDL	QC Batch
Calculated Parameters				
VPH (VH6 to 10 - BTEX)	ug/L	ND	300	B982848
Volatiles				
VH C6-C10	ug/L	ND	300	B986773
1,1,1,2-tetrachloroethane	ug/L	ND	0.50	B986773
1,1,1-trichloroethane	ug/L	ND	0.50	B986773
1,1,2,2-tetrachloroethane	ug/L	ND	0.50	B986773
1,1,2Trichloro-1,2,2Trifluoroethane	ug/L	ND	2.0	B986773
1,1,2-trichloroethane	ug/L	ND	0.50	B986773
1,1-dichloroethane	ug/L	ND	0.50	B986773
1,1-dichloroethene	ug/L	ND	0.50	B986773
1,2,3-trichlorobenzene	ug/L	ND	2.0	B986773
1,2,4-trichlorobenzene	ug/L	ND	2.0	B986773
1,2-dibromoethane	ug/L	ND	0.20	B986773
1,2-dichlorobenzene	ug/L	ND	0.50	B986773
1,2-dichloroethane	ug/L	ND	0.50	B986773
1,2-dichloropropane	ug/L	ND	0.50	B986773
1,3,5-trimethylbenzene	ug/L	ND	2.0	B986773
1,3-Butadiene	ug/L	ND	0.50	B986773
1,3-dichlorobenzene	ug/L	ND	0.50	B986773
1,3-dichloropropane	ug/L	ND	1.0	B986773
1,4-dichlorobenzene	ug/L	ND	0.50	B986773
Benzene	ug/L	ND	0.40	B986773
Bromobenzene	ug/L	ND	2.0	B986773
Bromodichloromethane	ug/L	ND	1.0	B986773
Bromoform	ug/L	ND	1.0	B986773
Bromomethane	ug/L	ND	1.0	B986773
Carbon tetrachloride	ug/L	ND	0.50	B986773
Chlorobenzene	ug/L	ND	0.50	B986773
Dibromochloromethane	ug/L	ND	1.0	B986773
Chloroethane	ug/L	ND	1.0	B986773
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



CSR VOC + VPH IN WATER (WATER)

Bureau Veritas ID		DMX283		
Sampling Date		2025/06/10 10:45		
COC Number		106513		
	UNITS	WLNG -EOP	RDL	QC Batch
Chloroform	ug/L	ND	1.0	B986773
Chloromethane	ug/L	ND	1.0	B986773
cis-1,2-dichloroethene	ug/L	ND	1.0	B986773
cis-1,3-dichloropropene	ug/L	ND	1.0	B986773
Dichlorodifluoromethane	ug/L	ND	2.0	B986773
Dichloromethane	ug/L	ND	2.0	B986773
Ethylbenzene	ug/L	ND	0.40	B986773
Hexachlorobutadiene	ug/L	ND	0.50	B986773
Isopropylbenzene	ug/L	ND	2.0	B986773
Methyl-tert-butylether (MTBE)	ug/L	ND	4.0	B986773
Styrene	ug/L	ND	0.50	B986773
Tetrachloroethene	ug/L	ND	0.50	B986773
Toluene	ug/L	ND	0.40	B986773
trans-1,2-dichloroethene	ug/L	ND	1.0	B986773
trans-1,3-dichloropropene	ug/L	ND	1.0	B986773
Trichloroethene	ug/L	ND	0.50	B986773
Trichlorofluoromethane	ug/L	ND	4.0	B986773
Vinyl chloride	ug/L	ND	0.50	B986773
m & p-Xylene	ug/L	ND	0.40	B986773
o-Xylene	ug/L	ND	0.40	B986773
Xylenes (Total)	ug/L	ND	0.40	B986773
Surrogate Recovery (%)				
1,4-Difluorobenzene (sur.)	%	101		B986773
4-Bromofluorobenzene (sur.)	%	94		B986773
D4-1,2-Dichloroethane (sur.)	%	86		B986773
RDL = Reportable Detection Limit ND = Not Detected at a concentration equal or greater than the indicated Detection Limit.				



GENERAL COMMENTS

Sample DMX283 [WLNG -EOP] : Headspace was noted in sample container at the time of volatiles extraction for batch B986773.

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER) Comments

Sample DMX287 [Field Blank] Elements by ICPMS Low Level (lab filter): Multiple parameters >> RDL. Please refer to email correspondence with client.

Sample DMX287 [Field Blank] Elements by ICPMS Low Level (lab filter): Multiple parameters >> RDL- Re-analysis yields similar results. D confirms against T. Please refer to email correspondence from client.

Sample DMX287 [Field Blank] Elements by ICPMS Digested LL (total): Multiple parameters >2xRDL - Re-analysis yields similar results.

Sample DMX283, Elements by ICPMS Low Level (lab filter): Test repeated.

Sample DMX284, Elements by ICPMS Low Level (lab filter): Test repeated.

Sample DMX285, Elements by ICPMS Low Level (lab filter): Test repeated.

Sample DMX287, Elements by ICPMS Low Level (lab filter): Test repeated.

Sample DMX289, Elements by ICPMS Low Level (lab filter): Test repeated.

Sample DMX290, Elements by ICPMS Low Level (lab filter): Test repeated.

Sample DMX291, Elements by ICPMS Low Level (lab filter): Test repeated.

Results relate only to the items tested.



QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B985155	TSO	Matrix Spike	Total Ammonia (N)	2025/06/12		101	%	80 - 120
B985155	TSO	Spiked Blank	Total Ammonia (N)	2025/06/12		106	%	80 - 120
B985155	TSO	Method Blank	Total Ammonia (N)	2025/06/12	ND, RDL=0.015		mg/L	
B985155	TSO	RPD	Total Ammonia (N)	2025/06/12	1.1		%	20
B985536	C2L	Matrix Spike	Nitrate plus Nitrite (N)	2025/06/12		111	%	80 - 120
B985536	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/06/12		106	%	80 - 120
B985536	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/06/12	ND, RDL=0.020		mg/L	
B985536	C2L	RPD	Nitrate plus Nitrite (N)	2025/06/12	1.0		%	25
B985537	C2L	Matrix Spike	Nitrite (N)	2025/06/12		104	%	80 - 120
B985537	C2L	Spiked Blank	Nitrite (N)	2025/06/12		104	%	80 - 120
B985537	C2L	Method Blank	Nitrite (N)	2025/06/12	ND, RDL=0.0050		mg/L	
B985537	C2L	RPD	Nitrite (N)	2025/06/12	0.099		%	20
B985538	C2L	Matrix Spike [DMX284-01]	Nitrate plus Nitrite (N)	2025/06/12		108	%	80 - 120
B985538	C2L	Spiked Blank	Nitrate plus Nitrite (N)	2025/06/12		109	%	80 - 120
B985538	C2L	Method Blank	Nitrate plus Nitrite (N)	2025/06/12	ND, RDL=0.020		mg/L	
B985538	C2L	RPD [DMX284-01]	Nitrate plus Nitrite (N)	2025/06/12	NC		%	25
B985539	C2L	Matrix Spike [DMX284-01]	Nitrite (N)	2025/06/12		106	%	80 - 120
B985539	C2L	Spiked Blank	Nitrite (N)	2025/06/12		104	%	80 - 120
B985539	C2L	Method Blank	Nitrite (N)	2025/06/12	ND, RDL=0.0050		mg/L	
B985539	C2L	RPD [DMX284-01]	Nitrite (N)	2025/06/12	NC		%	20
B985616	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2025/06/13		103	%	80 - 120
B985616	BB3	Method Blank	Alkalinity (PP as CaCO3)	2025/06/13	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/06/13	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/06/13	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/06/13	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/06/13	ND, RDL=1.0		mg/L	
B985616	BB3	RPD [DMX288-01]	Alkalinity (PP as CaCO3)	2025/06/13	NC		%	20
			Alkalinity (Total as CaCO3)	2025/06/13	NC		%	20
			Bicarbonate (HCO3)	2025/06/13	NC		%	20
			Carbonate (CO3)	2025/06/13	NC		%	20
			Hydroxide (OH)	2025/06/13	NC		%	20
B985632	BB3	Spiked Blank	pH	2025/06/13		101	%	97 - 103
B985632	BB3	RPD [DMX288-01]	pH	2025/06/13	1.3		%	N/A
B985726	TSO	Matrix Spike	Total Nitrogen (N)	2025/06/17		110	%	80 - 120
B985726	TSO	Spiked Blank	Total Nitrogen (N)	2025/06/17		106	%	80 - 120
B985726	TSO	Method Blank	Total Nitrogen (N)	2025/06/17	ND, RDL=0.020		mg/L	
B985726	TSO	RPD	Total Nitrogen (N)	2025/06/17	NC		%	20
B986430	MYO	Matrix Spike	Bromide (Br)	2025/06/13		94	%	78 - 120
B986430	MYO	Spiked Blank	Bromide (Br)	2025/06/13		97	%	80 - 120



BUREAU
VERITAS

Bureau Veritas Job #: C553331

Report Date: 2025/06/19

HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	B986430	MYO	Method Blank	Bromide (Br)	2025/06/13	ND, RDL=0.010		mg/L	
	B986430	MYO	RPD	Bromide (Br)	2025/06/13	NC		%	20
	B986455	RLC	Matrix Spike	Total Mercury (Hg)	2025/06/13		112	%	80 - 120
	B986455	RLC	Spiked Blank	Total Mercury (Hg)	2025/06/13		111	%	80 - 120
	B986455	RLC	Method Blank	Total Mercury (Hg)	2025/06/13	ND, RDL=0.0019		ug/L	
	B986455	RLC	RPD	Total Mercury (Hg)	2025/06/13	NC		%	20
	B986482	MYO	Matrix Spike [DMX284-10]	Total Aluminum (Al)	2025/06/13		121 (1)	%	80 - 120
				Total Antimony (Sb)	2025/06/13		104	%	80 - 120
				Total Arsenic (As)	2025/06/13		106	%	80 - 120
				Total Barium (Ba)	2025/06/13		107	%	80 - 120
				Total Beryllium (Be)	2025/06/13		96	%	80 - 120
				Total Bismuth (Bi)	2025/06/13		98	%	80 - 120
				Total Boron (B)	2025/06/13		94	%	80 - 120
				Total Cadmium (Cd)	2025/06/13		104	%	80 - 120
				Total Cesium (Cs)	2025/06/13		101	%	80 - 120
				Total Chromium (Cr)	2025/06/13		103	%	80 - 120
				Total Cobalt (Co)	2025/06/13		100	%	80 - 120
				Total Copper (Cu)	2025/06/13		100	%	80 - 120
				Total Iron (Fe)	2025/06/13		111	%	80 - 120
				Total Lead (Pb)	2025/06/13		101	%	80 - 120
				Total Lithium (Li)	2025/06/13		94	%	80 - 120
				Total Manganese (Mn)	2025/06/13		113	%	80 - 120
				Total Molybdenum (Mo)	2025/06/13		NC	%	80 - 120
				Total Nickel (Ni)	2025/06/13		101	%	80 - 120
				Total Phosphorus (P)	2025/06/13		105	%	80 - 120
				Total Rubidium (Rb)	2025/06/13		106	%	80 - 120
				Total Selenium (Se)	2025/06/13		108	%	80 - 120
				Total Silicon (Si)	2025/06/13		NC	%	80 - 120
				Total Silver (Ag)	2025/06/13		103	%	80 - 120
				Total Strontium (Sr)	2025/06/13		110	%	80 - 120
				Total Tellurium (Te)	2025/06/13		104	%	80 - 120
				Total Thallium (Tl)	2025/06/13		101	%	80 - 120
				Total Thorium (Th)	2025/06/13		100	%	80 - 120
				Total Tin (Sn)	2025/06/13		100	%	80 - 120
				Total Titanium (Ti)	2025/06/13		107	%	80 - 120
				Total Uranium (U)	2025/06/13		98	%	80 - 120
				Total Vanadium (V)	2025/06/13		104	%	80 - 120
				Total Zinc (Zn)	2025/06/13		107	%	80 - 120
				Total Zirconium (Zr)	2025/06/13		106	%	80 - 120
	B986482	MYO	Spiked Blank	Total Aluminum (Al)	2025/06/13		100	%	80 - 120
				Total Antimony (Sb)	2025/06/13		102	%	80 - 120
				Total Arsenic (As)	2025/06/13		103	%	80 - 120
				Total Barium (Ba)	2025/06/13		101	%	80 - 120
				Total Beryllium (Be)	2025/06/13		94	%	80 - 120
				Total Bismuth (Bi)	2025/06/13		98	%	80 - 120
				Total Boron (B)	2025/06/13		95	%	80 - 120
				Total Cadmium (Cd)	2025/06/13		102	%	80 - 120
				Total Cesium (Cs)	2025/06/13		99	%	80 - 120
				Total Chromium (Cr)	2025/06/13		103	%	80 - 120
				Total Cobalt (Co)	2025/06/13		100	%	80 - 120



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Copper (Cu)	2025/06/13		101	%	80 - 120
			Total Iron (Fe)	2025/06/13		100	%	80 - 120
			Total Lead (Pb)	2025/06/13		99	%	80 - 120
			Total Lithium (Li)	2025/06/13		93	%	80 - 120
			Total Manganese (Mn)	2025/06/13		102	%	80 - 120
			Total Molybdenum (Mo)	2025/06/13		103	%	80 - 120
			Total Nickel (Ni)	2025/06/13		101	%	80 - 120
			Total Phosphorus (P)	2025/06/13		103	%	80 - 120
			Total Rubidium (Rb)	2025/06/13		100	%	80 - 120
			Total Selenium (Se)	2025/06/13		105	%	80 - 120
			Total Silicon (Si)	2025/06/13		105	%	80 - 120
			Total Silver (Ag)	2025/06/13		100	%	80 - 120
			Total Strontium (Sr)	2025/06/13		101	%	80 - 120
			Total Tellurium (Te)	2025/06/13		112	%	80 - 120
			Total Thallium (Tl)	2025/06/13		100	%	80 - 120
			Total Thorium (Th)	2025/06/13		97	%	80 - 120
			Total Tin (Sn)	2025/06/13		100	%	80 - 120
			Total Titanium (Ti)	2025/06/13		104	%	80 - 120
			Total Uranium (U)	2025/06/13		96	%	80 - 120
			Total Vanadium (V)	2025/06/13		103	%	80 - 120
			Total Zinc (Zn)	2025/06/13		103	%	80 - 120
			Total Zirconium (Zr)	2025/06/13		102	%	80 - 120
B986482	MYO	Method Blank	Total Aluminum (Al)	2025/06/13	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/06/13	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/06/13	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/06/13	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/06/13	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/06/13	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/06/13	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/06/13	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/06/13	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/06/13	0.14, RDL=0.10 (2)		ug/L	
			Total Cobalt (Co)	2025/06/13	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/06/13	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/06/13	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/06/13	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/06/13	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/06/13	ND, RDL=0.10		ug/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Molybdenum (Mo)	2025/06/13	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/06/13	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/06/13	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/06/13	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/06/13	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/06/13	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/06/13	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/06/13	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/06/13	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/06/13	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/06/13	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/06/13	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/06/13	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/06/13	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/06/13	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/06/13	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/06/13	ND, RDL=0.10		ug/L	
B986482	MYO	RPD [DMX284-10]	Total Aluminum (Al)	2025/06/13	8.5		%	20
			Total Antimony (Sb)	2025/06/13	9.5		%	20
			Total Arsenic (As)	2025/06/13	0.76		%	20
			Total Barium (Ba)	2025/06/13	0.17		%	20
			Total Beryllium (Be)	2025/06/13	NC		%	20
			Total Bismuth (Bi)	2025/06/13	NC		%	20
			Total Boron (B)	2025/06/13	0.65		%	20
			Total Cadmium (Cd)	2025/06/13	NC		%	20
			Total Cesium (Cs)	2025/06/13	NC		%	20
			Total Chromium (Cr)	2025/06/13	NC		%	20
			Total Cobalt (Co)	2025/06/13	2.5		%	20
			Total Copper (Cu)	2025/06/13	NC		%	20
			Total Iron (Fe)	2025/06/13	NC		%	20
			Total Lead (Pb)	2025/06/13	NC		%	20
			Total Lithium (Li)	2025/06/13	5.3		%	20
			Total Manganese (Mn)	2025/06/13	2.2		%	20
			Total Molybdenum (Mo)	2025/06/13	1.9		%	20
			Total Nickel (Ni)	2025/06/13	NC		%	20
			Total Phosphorus (P)	2025/06/13	NC		%	20
			Total Rubidium (Rb)	2025/06/13	1.8		%	20



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Selenium (Se)	2025/06/13	3.8		%	20
			Total Silicon (Si)	2025/06/13	3.7		%	20
			Total Silver (Ag)	2025/06/13	NC		%	20
			Total Strontium (Sr)	2025/06/13	0.69		%	20
			Total Tellurium (Te)	2025/06/13	NC		%	20
			Total Thallium (Tl)	2025/06/13	11		%	20
			Total Thorium (Th)	2025/06/13	NC		%	20
			Total Tin (Sn)	2025/06/13	NC		%	20
			Total Titanium (Ti)	2025/06/13	NC		%	20
			Total Uranium (U)	2025/06/13	7.8		%	20
			Total Vanadium (V)	2025/06/13	NC		%	20
			Total Zinc (Zn)	2025/06/13	NC		%	20
			Total Zirconium (Zr)	2025/06/13	NC		%	20
B986488	JLP	Matrix Spike [DMX286-01]	Chloride (Cl)	2025/06/13		102	%	80 - 120
			Sulphate (SO4)	2025/06/13		105	%	80 - 120
B986488	JLP	Spiked Blank	Chloride (Cl)	2025/06/13		97	%	80 - 120
			Sulphate (SO4)	2025/06/13		94	%	80 - 120
B986488	JLP	Method Blank	Chloride (Cl)	2025/06/13	ND, RDL=1.0		mg/L	
			Sulphate (SO4)	2025/06/13	ND, RDL=1.0		mg/L	
B986488	JLP	RPD [DMX286-01]	Chloride (Cl)	2025/06/13	NC		%	20
			Sulphate (SO4)	2025/06/13	1.7		%	20
B986735	AA1	Matrix Spike	Total Aluminum (Al)	2025/06/17		98	%	80 - 120
			Total Antimony (Sb)	2025/06/17		100	%	80 - 120
			Total Arsenic (As)	2025/06/17		105	%	80 - 120
			Total Barium (Ba)	2025/06/17		98	%	80 - 120
			Total Beryllium (Be)	2025/06/17		105	%	80 - 120
			Total Bismuth (Bi)	2025/06/17		97	%	80 - 120
			Total Boron (B)	2025/06/17		102	%	80 - 120
			Total Cadmium (Cd)	2025/06/17		102	%	80 - 120
			Total Cesium (Cs)	2025/06/17		92	%	80 - 120
			Total Chromium (Cr)	2025/06/17		98	%	80 - 120
			Total Cobalt (Co)	2025/06/17		93	%	80 - 120
			Total Copper (Cu)	2025/06/17		93	%	80 - 120
			Total Iron (Fe)	2025/06/17		99	%	80 - 120
			Total Lead (Pb)	2025/06/17		100	%	80 - 120
			Total Lithium (Li)	2025/06/17		105	%	80 - 120
			Total Manganese (Mn)	2025/06/17		99	%	80 - 120
			Total Molybdenum (Mo)	2025/06/17		NC	%	80 - 120
			Total Nickel (Ni)	2025/06/17		97	%	80 - 120
			Total Phosphorus (P)	2025/06/17		106	%	80 - 120
			Total Rubidium (Rb)	2025/06/17		101	%	80 - 120
			Total Selenium (Se)	2025/06/17		105	%	80 - 120
			Total Silicon (Si)	2025/06/17		99	%	80 - 120
			Total Silver (Ag)	2025/06/17		101	%	80 - 120
			Total Strontium (Sr)	2025/06/17		NC	%	80 - 120
			Total Tellurium (Te)	2025/06/17		106	%	80 - 120
			Total Thallium (Tl)	2025/06/17		102	%	80 - 120
			Total Thorium (Th)	2025/06/17		105	%	80 - 120
			Total Tin (Sn)	2025/06/17		102	%	80 - 120
			Total Titanium (Ti)	2025/06/17		101	%	80 - 120



BUREAU
VERITAS

Bureau Veritas Job #: C553331

Report Date: 2025/06/19

HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B986735	AA1	Spiked Blank	Total Uranium (U)	2025/06/17		107	%	80 - 120
			Total Vanadium (V)	2025/06/17		102	%	80 - 120
			Total Zinc (Zn)	2025/06/17		103	%	80 - 120
			Total Zirconium (Zr)	2025/06/17		104	%	80 - 120
			Total Aluminum (Al)	2025/06/17		103	%	80 - 120
			Total Antimony (Sb)	2025/06/17		102	%	80 - 120
			Total Arsenic (As)	2025/06/17		105	%	80 - 120
			Total Barium (Ba)	2025/06/17		104	%	80 - 120
			Total Beryllium (Be)	2025/06/17		105	%	80 - 120
			Total Bismuth (Bi)	2025/06/17		102	%	80 - 120
			Total Boron (B)	2025/06/17		102	%	80 - 120
			Total Cadmium (Cd)	2025/06/17		102	%	80 - 120
			Total Cesium (Cs)	2025/06/17		95	%	80 - 120
			Total Chromium (Cr)	2025/06/17		100	%	80 - 120
			Total Cobalt (Co)	2025/06/17		95	%	80 - 120
			Total Copper (Cu)	2025/06/17		95	%	80 - 120
			Total Iron (Fe)	2025/06/17		104	%	80 - 120
			Total Lead (Pb)	2025/06/17		101	%	80 - 120
			Total Lithium (Li)	2025/06/17		104	%	80 - 120
			Total Manganese (Mn)	2025/06/17		102	%	80 - 120
			Total Molybdenum (Mo)	2025/06/17		102	%	80 - 120
			Total Nickel (Ni)	2025/06/17		101	%	80 - 120
			Total Phosphorus (P)	2025/06/17		105	%	80 - 120
			Total Rubidium (Rb)	2025/06/17		102	%	80 - 120
			Total Selenium (Se)	2025/06/17		105	%	80 - 120
			Total Silicon (Si)	2025/06/17		101	%	80 - 120
			Total Silver (Ag)	2025/06/17		103	%	80 - 120
			Total Strontium (Sr)	2025/06/17		105	%	80 - 120
			Total Tellurium (Te)	2025/06/17		110	%	80 - 120
			Total Thallium (Tl)	2025/06/17		102	%	80 - 120
			Total Thorium (Th)	2025/06/17		105	%	80 - 120
Total Tin (Sn)	2025/06/17		104	%	80 - 120			
Total Titanium (Ti)	2025/06/17		103	%	80 - 120			
Total Uranium (U)	2025/06/17		106	%	80 - 120			
Total Vanadium (V)	2025/06/17		102	%	80 - 120			
Total Zinc (Zn)	2025/06/17		105	%	80 - 120			
Total Zirconium (Zr)	2025/06/17		103	%	80 - 120			
B986735	AA1	Method Blank	Total Aluminum (Al)	2025/06/17	ND, RDL=0.50		ug/L	
			Total Antimony (Sb)	2025/06/17	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/06/17	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/06/17	ND, RDL=0.020		ug/L	
			Total Beryllium (Be)	2025/06/17	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/06/17	ND, RDL=0.0050		ug/L	
			Total Boron (B)	2025/06/17	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/06/17	ND, RDL=0.0050		ug/L	



BUREAU
VERITAS

Bureau Veritas Job #: C553331

Report Date: 2025/06/19

HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Cesium (Cs)	2025/06/17	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/06/17	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/06/17	ND, RDL=0.0050		ug/L	
			Total Copper (Cu)	2025/06/17	ND, RDL=0.050		ug/L	
			Total Iron (Fe)	2025/06/17	ND, RDL=1.0		ug/L	
			Total Lead (Pb)	2025/06/17	ND, RDL=0.0050		ug/L	
			Total Lithium (Li)	2025/06/17	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/06/17	ND, RDL=0.050		ug/L	
			Total Molybdenum (Mo)	2025/06/17	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/06/17	ND, RDL=0.020		ug/L	
			Total Phosphorus (P)	2025/06/17	ND, RDL=2.0		ug/L	
			Total Rubidium (Rb)	2025/06/17	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/06/17	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/06/17	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/06/17	ND, RDL=0.0050		ug/L	
			Total Strontium (Sr)	2025/06/17	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/06/17	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/06/17	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/06/17	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/06/17	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/06/17	ND, RDL=0.50		ug/L	
			Total Uranium (U)	2025/06/17	ND, RDL=0.0020		ug/L	
			Total Vanadium (V)	2025/06/17	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/06/17	ND, RDL=0.10		ug/L	
			Total Zirconium (Zr)	2025/06/17	ND, RDL=0.10		ug/L	
B986735	AA1	RPD [DMX288-10]	Total Aluminum (Al)	2025/06/17	NC		%	20
			Total Antimony (Sb)	2025/06/17	NC		%	20
			Total Arsenic (As)	2025/06/17	NC		%	20
			Total Barium (Ba)	2025/06/17	NC		%	20



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Beryllium (Be)	2025/06/17	NC		%	20
			Total Bismuth (Bi)	2025/06/17	NC		%	20
			Total Boron (B)	2025/06/17	NC		%	20
			Total Cadmium (Cd)	2025/06/17	NC		%	20
			Total Cesium (Cs)	2025/06/17	NC		%	20
			Total Chromium (Cr)	2025/06/17	NC		%	20
			Total Cobalt (Co)	2025/06/17	NC		%	20
			Total Copper (Cu)	2025/06/17	NC		%	20
			Total Iron (Fe)	2025/06/17	NC		%	20
			Total Lead (Pb)	2025/06/17	NC		%	20
			Total Lithium (Li)	2025/06/17	NC		%	20
			Total Manganese (Mn)	2025/06/17	NC		%	20
			Total Molybdenum (Mo)	2025/06/17	NC		%	20
			Total Nickel (Ni)	2025/06/17	NC		%	20
			Total Phosphorus (P)	2025/06/17	NC		%	20
			Total Rubidium (Rb)	2025/06/17	NC		%	20
			Total Selenium (Se)	2025/06/17	NC		%	20
			Total Silicon (Si)	2025/06/17	NC		%	20
			Total Silver (Ag)	2025/06/17	NC		%	20
			Total Strontium (Sr)	2025/06/17	NC		%	20
			Total Tellurium (Te)	2025/06/17	NC		%	20
			Total Thallium (Tl)	2025/06/17	NC		%	20
			Total Thorium (Th)	2025/06/17	NC		%	20
			Total Tin (Sn)	2025/06/17	NC		%	20
			Total Titanium (Ti)	2025/06/17	NC		%	20
			Total Uranium (U)	2025/06/17	NC		%	20
			Total Vanadium (V)	2025/06/17	NC		%	20
			Total Zinc (Zn)	2025/06/17	NC		%	20
			Total Zirconium (Zr)	2025/06/17	NC		%	20
B986735	AA1	RPD	Total Aluminum (Al)	2025/06/17	10		%	20
			Total Antimony (Sb)	2025/06/17	4.9		%	20
			Total Arsenic (As)	2025/06/17	1.3		%	20
			Total Barium (Ba)	2025/06/17	1.8		%	20
			Total Beryllium (Be)	2025/06/17	NC		%	20
			Total Bismuth (Bi)	2025/06/17	NC		%	20
			Total Boron (B)	2025/06/17	NC		%	20
			Total Cadmium (Cd)	2025/06/17	2.4		%	20
			Total Chromium (Cr)	2025/06/17	NC		%	20
			Total Cobalt (Co)	2025/06/17	8.1		%	20
			Total Copper (Cu)	2025/06/17	0.35		%	20
			Total Iron (Fe)	2025/06/17	1.7		%	20
			Total Lead (Pb)	2025/06/17	0.84		%	20
			Total Lithium (Li)	2025/06/17	6.1		%	20
			Total Manganese (Mn)	2025/06/17	2.3		%	20
			Total Molybdenum (Mo)	2025/06/17	0.32		%	20
			Total Nickel (Ni)	2025/06/17	2.7		%	20
			Total Phosphorus (P)	2025/06/17	NC		%	20
			Total Selenium (Se)	2025/06/17	0.83		%	20
			Total Silicon (Si)	2025/06/17	0.039		%	20
			Total Silver (Ag)	2025/06/17	NC		%	20
			Total Strontium (Sr)	2025/06/17	0.24		%	20
			Total Thallium (Tl)	2025/06/17	NC		%	20
			Total Tin (Sn)	2025/06/17	NC		%	20



BUREAU
VERITAS

Bureau Veritas Job #: C553331

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HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Titanium (Ti)	2025/06/17	2.6		%	20
			Total Uranium (U)	2025/06/17	1.9		%	20
			Total Vanadium (V)	2025/06/17	NC		%	20
			Total Zinc (Zn)	2025/06/17	1.4		%	20
			Total Zirconium (Zr)	2025/06/17	NC		%	20
B986773	NGU	Matrix Spike	1,4-Difluorobenzene (sur.)	2025/06/14		99	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/06/14		106	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/06/14		93	%	50 - 140
			1,1,1,2-tetrachloroethane	2025/06/14		96	%	50 - 140
			1,1,1-trichloroethane	2025/06/14		98	%	50 - 140
			1,1,2,2-tetrachloroethane	2025/06/14		92	%	50 - 140
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/06/14		100	%	50 - 140
			1,1,2-trichloroethane	2025/06/14		95	%	50 - 140
			1,1-dichloroethane	2025/06/14		100	%	50 - 140
			1,1-dichloroethene	2025/06/14		108	%	50 - 140
			1,2,3-trichlorobenzene	2025/06/14		105	%	50 - 140
			1,2,4-trichlorobenzene	2025/06/14		105	%	50 - 140
			1,2-dibromoethane	2025/06/14		100	%	50 - 140
			1,2-dichlorobenzene	2025/06/14		105	%	50 - 140
			1,2-dichloroethane	2025/06/14		100	%	50 - 140
			1,2-dichloropropane	2025/06/14		100	%	50 - 140
			1,3,5-trimethylbenzene	2025/06/14		99	%	50 - 140
			1,3-Butadiene	2025/06/14		63	%	50 - 140
			1,3-dichlorobenzene	2025/06/14		107	%	50 - 140
			1,3-dichloropropane	2025/06/14		97	%	50 - 140
			1,4-dichlorobenzene	2025/06/14		92	%	50 - 140
			Benzene	2025/06/14		107	%	50 - 140
			Bromobenzene	2025/06/14		101	%	50 - 140
			Bromodichloromethane	2025/06/14		100	%	50 - 140
			Bromoform	2025/06/14		94	%	50 - 140
			Bromomethane	2025/06/14		96	%	50 - 140
			Carbon tetrachloride	2025/06/14		100	%	50 - 140
			Chlorobenzene	2025/06/14		101	%	50 - 140
			Dibromochloromethane	2025/06/14		83	%	50 - 140
			Chloroethane	2025/06/14		82	%	50 - 140
			Chloroform	2025/06/14		99	%	50 - 140
			Chloromethane	2025/06/14		123	%	50 - 140
			cis-1,2-dichloroethene	2025/06/14		110	%	50 - 140
			cis-1,3-dichloropropene	2025/06/14		76	%	50 - 140
			Dichlorodifluoromethane	2025/06/14		100	%	50 - 140
			Dichloromethane	2025/06/14		92	%	50 - 140
			Ethylbenzene	2025/06/14		81	%	50 - 140
			Hexachlorobutadiene	2025/06/14		102	%	50 - 140
			Isopropylbenzene	2025/06/14		104	%	50 - 140
			Methyl-tert-butylether (MTBE)	2025/06/14		105	%	50 - 140
			Styrene	2025/06/14		89	%	50 - 140
			Tetrachloroethene	2025/06/14		98	%	50 - 140
			Toluene	2025/06/14		85	%	50 - 140
			trans-1,2-dichloroethene	2025/06/14		109	%	50 - 140
			trans-1,3-dichloropropene	2025/06/14		64	%	50 - 140
			Trichloroethene	2025/06/14		101	%	50 - 140
			Trichlorofluoromethane	2025/06/14		106	%	50 - 140
			Vinyl chloride	2025/06/14		107	%	50 - 140



BUREAU
VERITAS

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Client Project #: FORTIS11234/PE-110163

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Your P.O. #: 4800010213

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				m & p-Xylene	2025/06/14		81	%	50 - 140
				o-Xylene	2025/06/14		82	%	50 - 140
B986773		NGU	Spiked Blank	1,4-Difluorobenzene (sur.)	2025/06/14		99	%	50 - 140
				4-Bromofluorobenzene (sur.)	2025/06/14		103	%	50 - 140
				D4-1,2-Dichloroethane (sur.)	2025/06/14		86	%	50 - 140
				VH C6-C10	2025/06/14		88	%	70 - 130
				1,1,1,2-tetrachloroethane	2025/06/14		87	%	60 - 130
				1,1,1-trichloroethane	2025/06/14		91	%	60 - 130
				1,1,2,2-tetrachloroethane	2025/06/14		82	%	60 - 130
				1,1,2Trichloro-1,2,2Trifluoroethane	2025/06/14		93	%	60 - 130
				1,1,2-trichloroethane	2025/06/14		85	%	60 - 130
				1,1-dichloroethane	2025/06/14		92	%	60 - 130
				1,1-dichloroethene	2025/06/14		101	%	60 - 130
				1,2,3-trichlorobenzene	2025/06/14		96	%	60 - 130
				1,2,4-trichlorobenzene	2025/06/14		98	%	60 - 130
				1,2-dibromoethane	2025/06/14		90	%	60 - 130
				1,2-dichlorobenzene	2025/06/14		97	%	60 - 130
				1,2-dichloroethane	2025/06/14		91	%	60 - 130
				1,2-dichloropropane	2025/06/14		91	%	60 - 130
				1,3,5-trimethylbenzene	2025/06/14		94	%	60 - 130
				1,3-Butadiene	2025/06/14		59	%	50 - 140
				1,3-dichlorobenzene	2025/06/14		100	%	60 - 130
				1,3-dichloropropane	2025/06/14		87	%	60 - 130
				1,4-dichlorobenzene	2025/06/14		87	%	60 - 130
				Benzene	2025/06/14		98	%	60 - 130
				Bromobenzene	2025/06/14		93	%	60 - 130
				Bromodichloromethane	2025/06/14		91	%	60 - 130
				Bromoform	2025/06/14		85	%	60 - 130
				Bromomethane	2025/06/14		90	%	50 - 140
				Carbon tetrachloride	2025/06/14		96	%	60 - 130
				Chlorobenzene	2025/06/14		92	%	60 - 130
				Dibromochloromethane	2025/06/14		75	%	60 - 130
				Chloroethane	2025/06/14		90	%	50 - 140
				Chloroform	2025/06/14		91	%	60 - 130
				Chloromethane	2025/06/14		114	%	50 - 140
				cis-1,2-dichloroethene	2025/06/14		100	%	60 - 130
				cis-1,3-dichloropropene	2025/06/14		69	%	50 - 140
				Dichlorodifluoromethane	2025/06/14		95	%	50 - 140
				Dichloromethane	2025/06/14		84	%	60 - 130
				Ethylbenzene	2025/06/14		76	%	60 - 130
				Hexachlorobutadiene	2025/06/14		98	%	60 - 130
				Isopropylbenzene	2025/06/14		109	%	60 - 130
				Methyl-tert-butylether (MTBE)	2025/06/14		96	%	60 - 130
				Styrene	2025/06/14		82	%	60 - 130
				Tetrachloroethene	2025/06/14		93	%	60 - 130
				Toluene	2025/06/14		80	%	60 - 130
				trans-1,2-dichloroethene	2025/06/14		102	%	60 - 130
				trans-1,3-dichloropropene	2025/06/14		60	%	50 - 140
				Trichloroethene	2025/06/14		95	%	60 - 130
				Trichlorofluoromethane	2025/06/14		102	%	60 - 130
				Vinyl chloride	2025/06/14		101	%	50 - 140
				m & p-Xylene	2025/06/14		76	%	60 - 130
				o-Xylene	2025/06/14		76	%	60 - 130



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B986773	NGU	Method Blank	1,4-Difluorobenzene (sur.)	2025/06/14		101	%	50 - 140
			4-Bromofluorobenzene (sur.)	2025/06/14		94	%	50 - 140
			D4-1,2-Dichloroethane (sur.)	2025/06/14		85	%	50 - 140
			VH C6-C10	2025/06/14	ND, RDL=300		ug/L	
			1,1,1,2-tetrachloroethane	2025/06/14	ND, RDL=0.50		ug/L	
			1,1,1-trichloroethane	2025/06/14	ND, RDL=0.50		ug/L	
			1,1,2,2-tetrachloroethane	2025/06/14	ND, RDL=0.50		ug/L	
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/06/14	ND, RDL=2.0		ug/L	
			1,1,2-trichloroethane	2025/06/14	ND, RDL=0.50		ug/L	
			1,1-dichloroethane	2025/06/14	ND, RDL=0.50		ug/L	
			1,1-dichloroethene	2025/06/14	ND, RDL=0.50		ug/L	
			1,2,3-trichlorobenzene	2025/06/14	ND, RDL=2.0		ug/L	
			1,2,4-trichlorobenzene	2025/06/14	ND, RDL=2.0		ug/L	
			1,2-dibromoethane	2025/06/14	ND, RDL=0.20		ug/L	
			1,2-dichlorobenzene	2025/06/14	ND, RDL=0.50		ug/L	
			1,2-dichloroethane	2025/06/14	ND, RDL=0.50		ug/L	
			1,2-dichloropropane	2025/06/14	ND, RDL=0.50		ug/L	
			1,3,5-trimethylbenzene	2025/06/14	ND, RDL=2.0		ug/L	
			1,3-Butadiene	2025/06/14	ND, RDL=0.50		ug/L	
			1,3-dichlorobenzene	2025/06/14	ND, RDL=0.50		ug/L	
			1,3-dichloropropane	2025/06/14	ND, RDL=1.0		ug/L	
			1,4-dichlorobenzene	2025/06/14	ND, RDL=0.50		ug/L	
			Benzene	2025/06/14	ND, RDL=0.40		ug/L	
			Bromobenzene	2025/06/14	ND, RDL=2.0		ug/L	
			Bromodichloromethane	2025/06/14	ND, RDL=1.0		ug/L	
			Bromoform	2025/06/14	ND, RDL=1.0		ug/L	
			Bromomethane	2025/06/14	ND, RDL=1.0		ug/L	
			Carbon tetrachloride	2025/06/14	ND, RDL=0.50		ug/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Chlorobenzene	2025/06/14	ND, RDL=0.50		ug/L	
			Dibromochloromethane	2025/06/14	ND, RDL=1.0		ug/L	
			Chloroethane	2025/06/14	ND, RDL=1.0		ug/L	
			Chloroform	2025/06/14	ND, RDL=1.0		ug/L	
			Chloromethane	2025/06/14	ND, RDL=1.0		ug/L	
			cis-1,2-dichloroethene	2025/06/14	ND, RDL=1.0		ug/L	
			cis-1,3-dichloropropene	2025/06/14	ND, RDL=1.0		ug/L	
			Dichlorodifluoromethane	2025/06/14	ND, RDL=2.0		ug/L	
			Dichloromethane	2025/06/14	ND, RDL=2.0		ug/L	
			Ethylbenzene	2025/06/14	ND, RDL=0.40		ug/L	
			Hexachlorobutadiene	2025/06/14	ND, RDL=0.50		ug/L	
			Isopropylbenzene	2025/06/14	ND, RDL=2.0		ug/L	
			Methyl-tert-butylether (MTBE)	2025/06/14	ND, RDL=4.0		ug/L	
			Styrene	2025/06/14	ND, RDL=0.50		ug/L	
			Tetrachloroethene	2025/06/14	ND, RDL=0.50		ug/L	
			Toluene	2025/06/14	ND, RDL=0.40		ug/L	
			trans-1,2-dichloroethene	2025/06/14	ND, RDL=1.0		ug/L	
			trans-1,3-dichloropropene	2025/06/14	ND, RDL=1.0		ug/L	
			Trichloroethene	2025/06/14	ND, RDL=0.50		ug/L	
			Trichlorofluoromethane	2025/06/14	ND, RDL=4.0		ug/L	
			Vinyl chloride	2025/06/14	ND, RDL=0.50		ug/L	
			m & p-Xylene	2025/06/14	ND, RDL=0.40		ug/L	
			o-Xylene	2025/06/14	ND, RDL=0.40		ug/L	
			Xylenes (Total)	2025/06/14	ND, RDL=0.40		ug/L	
B986773	NGU	RPD	1,1,1-trichloroethane	2025/06/14	NC		%	30
			1,1,2Trichloro-1,2,2Trifluoroethane	2025/06/14	NC		%	30
			1,1,2-trichloroethane	2025/06/14	NC		%	30
			1,1-dichloroethane	2025/06/14	NC		%	30
			1,1-dichloroethene	2025/06/14	NC		%	30
			1,2-dichloroethane	2025/06/14	NC		%	30



BUREAU
VERITAS

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Your P.O. #: 4800010213

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				Carbon tetrachloride	2025/06/14	NC		%	30
				Chloroethane	2025/06/14	NC		%	30
				cis-1,2-dichloroethene	2025/06/14	NC		%	30
				Dichloromethane	2025/06/14	NC		%	30
				Tetrachloroethene	2025/06/14	5.9		%	30
				trans-1,2-dichloroethene	2025/06/14	NC		%	30
				Trichloroethene	2025/06/14	7.1		%	30
				Vinyl chloride	2025/06/14	NC		%	30
B986789	MEM		Matrix Spike	Total Aluminum (Al)	2025/06/14		103	%	80 - 120
				Total Antimony (Sb)	2025/06/14		104	%	80 - 120
				Total Arsenic (As)	2025/06/14		105	%	80 - 120
				Total Barium (Ba)	2025/06/14		102	%	80 - 120
				Total Beryllium (Be)	2025/06/14		105	%	80 - 120
				Total Bismuth (Bi)	2025/06/14		99	%	80 - 120
				Total Boron (B)	2025/06/14		103	%	80 - 120
				Total Cadmium (Cd)	2025/06/14		103	%	80 - 120
				Total Cesium (Cs)	2025/06/14		102	%	80 - 120
				Total Chromium (Cr)	2025/06/14		108	%	80 - 120
				Total Cobalt (Co)	2025/06/14		99	%	80 - 120
				Total Copper (Cu)	2025/06/14		101	%	80 - 120
				Total Iron (Fe)	2025/06/14		105	%	80 - 120
				Total Lead (Pb)	2025/06/14		103	%	80 - 120
				Total Lithium (Li)	2025/06/14		105	%	80 - 120
				Total Manganese (Mn)	2025/06/14		103	%	80 - 120
				Total Molybdenum (Mo)	2025/06/14		103	%	80 - 120
				Total Nickel (Ni)	2025/06/14		101	%	80 - 120
				Total Phosphorus (P)	2025/06/14		108	%	80 - 120
				Total Rubidium (Rb)	2025/06/14		103	%	80 - 120
				Total Selenium (Se)	2025/06/14		102	%	80 - 120
				Total Silicon (Si)	2025/06/14		108	%	80 - 120
				Total Silver (Ag)	2025/06/14		102	%	80 - 120
				Total Strontium (Sr)	2025/06/14		105	%	80 - 120
				Total Tellurium (Te)	2025/06/14		109	%	80 - 120
				Total Thallium (Tl)	2025/06/14		101	%	80 - 120
				Total Thorium (Th)	2025/06/14		101	%	80 - 120
				Total Tin (Sn)	2025/06/14		102	%	80 - 120
				Total Titanium (Ti)	2025/06/14		106	%	80 - 120
				Total Uranium (U)	2025/06/14		103	%	80 - 120
				Total Vanadium (V)	2025/06/14		103	%	80 - 120
				Total Zinc (Zn)	2025/06/14		102	%	80 - 120
				Total Zirconium (Zr)	2025/06/14		104	%	80 - 120
B986789	MEM		Spiked Blank	Total Aluminum (Al)	2025/06/14		101	%	80 - 120
				Total Antimony (Sb)	2025/06/14		99	%	80 - 120
				Total Arsenic (As)	2025/06/14		103	%	80 - 120
				Total Barium (Ba)	2025/06/14		99	%	80 - 120
				Total Beryllium (Be)	2025/06/14		104	%	80 - 120
				Total Bismuth (Bi)	2025/06/14		98	%	80 - 120
				Total Boron (B)	2025/06/14		104	%	80 - 120
				Total Cadmium (Cd)	2025/06/14		101	%	80 - 120
				Total Cesium (Cs)	2025/06/14		99	%	80 - 120
				Total Chromium (Cr)	2025/06/14		100	%	80 - 120
				Total Cobalt (Co)	2025/06/14		97	%	80 - 120
				Total Copper (Cu)	2025/06/14		99	%	80 - 120



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Iron (Fe)	2025/06/14		101	%	80 - 120
			Total Lead (Pb)	2025/06/14		102	%	80 - 120
			Total Lithium (Li)	2025/06/14		103	%	80 - 120
			Total Manganese (Mn)	2025/06/14		100	%	80 - 120
			Total Molybdenum (Mo)	2025/06/14		101	%	80 - 120
			Total Nickel (Ni)	2025/06/14		98	%	80 - 120
			Total Phosphorus (P)	2025/06/14		105	%	80 - 120
			Total Rubidium (Rb)	2025/06/14		100	%	80 - 120
			Total Selenium (Se)	2025/06/14		103	%	80 - 120
			Total Silicon (Si)	2025/06/14		106	%	80 - 120
			Total Silver (Ag)	2025/06/14		99	%	80 - 120
			Total Strontium (Sr)	2025/06/14		101	%	80 - 120
			Total Tellurium (Te)	2025/06/14		106	%	80 - 120
			Total Thallium (Tl)	2025/06/14		99	%	80 - 120
			Total Thorium (Th)	2025/06/14		99	%	80 - 120
			Total Tin (Sn)	2025/06/14		99	%	80 - 120
			Total Titanium (Ti)	2025/06/14		105	%	80 - 120
			Total Uranium (U)	2025/06/14		102	%	80 - 120
			Total Vanadium (V)	2025/06/14		100	%	80 - 120
			Total Zinc (Zn)	2025/06/14		102	%	80 - 120
			Total Zirconium (Zr)	2025/06/14		101	%	80 - 120
B986789	MEM	Method Blank	Total Aluminum (Al)	2025/06/14	ND, RDL=3.0		ug/L	
			Total Antimony (Sb)	2025/06/14	ND, RDL=0.020		ug/L	
			Total Arsenic (As)	2025/06/14	ND, RDL=0.020		ug/L	
			Total Barium (Ba)	2025/06/14	ND, RDL=0.050		ug/L	
			Total Beryllium (Be)	2025/06/14	ND, RDL=0.010		ug/L	
			Total Bismuth (Bi)	2025/06/14	ND, RDL=0.010		ug/L	
			Total Boron (B)	2025/06/14	ND, RDL=10		ug/L	
			Total Cadmium (Cd)	2025/06/14	ND, RDL=0.0050		ug/L	
			Total Cesium (Cs)	2025/06/14	ND, RDL=0.050		ug/L	
			Total Chromium (Cr)	2025/06/14	ND, RDL=0.10		ug/L	
			Total Cobalt (Co)	2025/06/14	ND, RDL=0.010		ug/L	
			Total Copper (Cu)	2025/06/14	ND, RDL=0.10		ug/L	
			Total Iron (Fe)	2025/06/14	ND, RDL=5.0		ug/L	
			Total Lead (Pb)	2025/06/14	ND, RDL=0.020		ug/L	
			Total Lithium (Li)	2025/06/14	ND, RDL=0.50		ug/L	
			Total Manganese (Mn)	2025/06/14	ND, RDL=0.10		ug/L	



BUREAU
VERITAS

Bureau Veritas Job #: C553331

Report Date: 2025/06/19

HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Molybdenum (Mo)	2025/06/14	ND, RDL=0.050		ug/L	
			Total Nickel (Ni)	2025/06/14	ND, RDL=0.10		ug/L	
			Total Phosphorus (P)	2025/06/14	ND, RDL=5.0		ug/L	
			Total Rubidium (Rb)	2025/06/14	ND, RDL=0.050		ug/L	
			Total Selenium (Se)	2025/06/14	ND, RDL=0.040		ug/L	
			Total Silicon (Si)	2025/06/14	ND, RDL=50		ug/L	
			Total Silver (Ag)	2025/06/14	ND, RDL=0.010		ug/L	
			Total Strontium (Sr)	2025/06/14	ND, RDL=0.050		ug/L	
			Total Tellurium (Te)	2025/06/14	ND, RDL=0.020		ug/L	
			Total Thallium (Tl)	2025/06/14	ND, RDL=0.0020		ug/L	
			Total Thorium (Th)	2025/06/14	ND, RDL=0.050		ug/L	
			Total Tin (Sn)	2025/06/14	ND, RDL=0.20		ug/L	
			Total Titanium (Ti)	2025/06/14	ND, RDL=2.0		ug/L	
			Total Uranium (U)	2025/06/14	ND, RDL=0.0050		ug/L	
			Total Vanadium (V)	2025/06/14	ND, RDL=0.20		ug/L	
			Total Zinc (Zn)	2025/06/14	ND, RDL=1.0		ug/L	
			Total Zirconium (Zr)	2025/06/14	ND, RDL=0.10		ug/L	
B986789	MEM	RPD	Total Aluminum (Al)	2025/06/16	3.0		%	20
			Total Antimony (Sb)	2025/06/16	NC		%	20
			Total Arsenic (As)	2025/06/16	7.5		%	20
			Total Barium (Ba)	2025/06/16	3.9		%	20
			Total Beryllium (Be)	2025/06/16	NC		%	20
			Total Bismuth (Bi)	2025/06/16	NC		%	20
			Total Boron (B)	2025/06/16	NC		%	20
			Total Cadmium (Cd)	2025/06/16	NC		%	20
			Total Chromium (Cr)	2025/06/16	NC		%	20
			Total Cobalt (Co)	2025/06/16	15		%	20
			Total Copper (Cu)	2025/06/16	16		%	20
			Total Iron (Fe)	2025/06/16	8.4		%	20
			Total Lead (Pb)	2025/06/16	13		%	20
			Total Lithium (Li)	2025/06/16	2.5		%	20
			Total Manganese (Mn)	2025/06/16	10		%	20
			Total Molybdenum (Mo)	2025/06/16	15		%	20
			Total Nickel (Ni)	2025/06/16	NC		%	20
			Total Phosphorus (P)	2025/06/16	18		%	20
			Total Selenium (Se)	2025/06/16	NC		%	20
			Total Silicon (Si)	2025/06/16	8.2		%	20



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Total Silver (Ag)	2025/06/16	NC		%	20
			Total Strontium (Sr)	2025/06/16	6.6		%	20
			Total Thallium (Tl)	2025/06/16	0		%	20
			Total Tin (Sn)	2025/06/16	NC		%	20
			Total Titanium (Ti)	2025/06/16	NC		%	20
			Total Uranium (U)	2025/06/16	10		%	20
			Total Vanadium (V)	2025/06/16	NC		%	20
			Total Zinc (Zn)	2025/06/16	9.9		%	20
			Total Zirconium (Zr)	2025/06/16	NC		%	20
B987700	RLC	Matrix Spike [DMX282-03]	Total Mercury (Hg)	2025/06/16		90	%	80 - 120
B987700	RLC	Spiked Blank	Total Mercury (Hg)	2025/06/16		93	%	80 - 120
B987700	RLC	Method Blank	Total Mercury (Hg)	2025/06/16	ND, RDL=0.0019		ug/L	
B987700	RLC	RPD [DMX282-03]	Total Mercury (Hg)	2025/06/16	NC		%	20
B987787	BTM	Matrix Spike	Total Suspended Solids	2025/06/16		110	%	80 - 120
B987787	BTM	Spiked Blank	Total Suspended Solids	2025/06/16		104	%	80 - 120
B987787	BTM	Method Blank	Total Suspended Solids	2025/06/16	ND, RDL=1.0		mg/L	
B987787	BTM	RPD	Total Suspended Solids	2025/06/16	NC		%	20
B988242	MYO	Matrix Spike [DMX282-09]	Dissolved Aluminum (Al)	2025/06/16		107	%	80 - 120
			Dissolved Antimony (Sb)	2025/06/16		104	%	80 - 120
			Dissolved Arsenic (As)	2025/06/16		106	%	80 - 120
			Dissolved Barium (Ba)	2025/06/16		104	%	80 - 120
			Dissolved Beryllium (Be)	2025/06/16		104	%	80 - 120
			Dissolved Bismuth (Bi)	2025/06/16		35 (1)	%	80 - 120
			Dissolved Boron (B)	2025/06/16		90	%	80 - 120
			Dissolved Cadmium (Cd)	2025/06/16		104	%	80 - 120
			Dissolved Cesium (Cs)	2025/06/16		107	%	80 - 120
			Dissolved Chromium (Cr)	2025/06/16		100	%	80 - 120
			Dissolved Cobalt (Co)	2025/06/16		102	%	80 - 120
			Dissolved Copper (Cu)	2025/06/16		101	%	80 - 120
			Dissolved Iron (Fe)	2025/06/16		97	%	80 - 120
			Dissolved Lead (Pb)	2025/06/16		96	%	80 - 120
			Dissolved Lithium (Li)	2025/06/16		101	%	80 - 120
			Dissolved Manganese (Mn)	2025/06/16		103	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/06/16		64 (1)	%	80 - 120
			Dissolved Nickel (Ni)	2025/06/16		101	%	80 - 120
			Dissolved Phosphorus (P)	2025/06/16		104	%	80 - 120
			Dissolved Rubidium (Rb)	2025/06/16		108	%	80 - 120
			Dissolved Selenium (Se)	2025/06/16		107	%	80 - 120
			Dissolved Silicon (Si)	2025/06/16		108	%	80 - 120
			Dissolved Silver (Ag)	2025/06/16		99	%	80 - 120
			Dissolved Strontium (Sr)	2025/06/16		105	%	80 - 120
			Dissolved Tellurium (Te)	2025/06/16		110	%	80 - 120
			Dissolved Thallium (Tl)	2025/06/16		101	%	80 - 120
			Dissolved Thorium (Th)	2025/06/16		93	%	80 - 120
			Dissolved Tin (Sn)	2025/06/16		102	%	80 - 120
			Dissolved Titanium (Ti)	2025/06/16		105	%	80 - 120
			Dissolved Tungsten (W)	2025/06/16		77 (1)	%	80 - 120
			Dissolved Uranium (U)	2025/06/16		99	%	80 - 120
			Dissolved Vanadium (V)	2025/06/16		104	%	80 - 120



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B988242	MYO	Spiked Blank	Dissolved Zinc (Zn)	2025/06/16		112	%	80 - 120
			Dissolved Zirconium (Zr)	2025/06/16		106	%	80 - 120
			Dissolved Aluminum (Al)	2025/06/16		103	%	80 - 120
			Dissolved Antimony (Sb)	2025/06/16		100	%	80 - 120
			Dissolved Arsenic (As)	2025/06/16		103	%	80 - 120
			Dissolved Barium (Ba)	2025/06/16		101	%	80 - 120
			Dissolved Beryllium (Be)	2025/06/16		100	%	80 - 120
			Dissolved Bismuth (Bi)	2025/06/16		100	%	80 - 120
			Dissolved Boron (B)	2025/06/16		98	%	80 - 120
			Dissolved Cadmium (Cd)	2025/06/16		100	%	80 - 120
			Dissolved Cesium (Cs)	2025/06/16		102	%	80 - 120
			Dissolved Chromium (Cr)	2025/06/16		105	%	80 - 120
			Dissolved Cobalt (Co)	2025/06/16		104	%	80 - 120
			Dissolved Copper (Cu)	2025/06/16		103	%	80 - 120
			Dissolved Iron (Fe)	2025/06/16		101	%	80 - 120
			Dissolved Lead (Pb)	2025/06/16		101	%	80 - 120
			Dissolved Lithium (Li)	2025/06/16		98	%	80 - 120
			Dissolved Manganese (Mn)	2025/06/16		104	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/06/16		102	%	80 - 120
			Dissolved Nickel (Ni)	2025/06/16		103	%	80 - 120
			Dissolved Phosphorus (P)	2025/06/16		102	%	80 - 120
			Dissolved Rubidium (Rb)	2025/06/16		104	%	80 - 120
			Dissolved Selenium (Se)	2025/06/16		103	%	80 - 120
			Dissolved Silicon (Si)	2025/06/16		108	%	80 - 120
			Dissolved Silver (Ag)	2025/06/16		100	%	80 - 120
			Dissolved Strontium (Sr)	2025/06/16		101	%	80 - 120
			Dissolved Tellurium (Te)	2025/06/16		101	%	80 - 120
Dissolved Thallium (Tl)	2025/06/16		101	%	80 - 120			
Dissolved Thorium (Th)	2025/06/16		98	%	80 - 120			
Dissolved Tin (Sn)	2025/06/16		104	%	80 - 120			
Dissolved Titanium (Ti)	2025/06/16		102	%	80 - 120			
Dissolved Tungsten (W)	2025/06/16		98	%	80 - 120			
Dissolved Uranium (U)	2025/06/16		102	%	80 - 120			
Dissolved Vanadium (V)	2025/06/16		104	%	80 - 120			
Dissolved Zinc (Zn)	2025/06/16		108	%	80 - 120			
B988242	MYO	Method Blank	Dissolved Zirconium (Zr)	2025/06/16		100	%	80 - 120
			Dissolved Aluminum (Al)	2025/06/16	ND, RDL=0.50		ug/L	
			Dissolved Antimony (Sb)	2025/06/16	ND, RDL=0.020		ug/L	
			Dissolved Arsenic (As)	2025/06/16	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/06/16	ND, RDL=0.020		ug/L	
			Dissolved Beryllium (Be)	2025/06/16	ND, RDL=0.010		ug/L	
			Dissolved Bismuth (Bi)	2025/06/16	ND, RDL=0.0050		ug/L	
			Dissolved Boron (B)	2025/06/16	ND, RDL=10		ug/L	
			Dissolved Cadmium (Cd)	2025/06/16	ND, RDL=0.0050		ug/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Cesium (Cs)	2025/06/16	ND, RDL=0.050		ug/L	
			Dissolved Chromium (Cr)	2025/06/16	ND, RDL=0.10		ug/L	
			Dissolved Cobalt (Co)	2025/06/16	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/06/16	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/06/16	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/06/16	0.0100, RDL=0.0050 (3)		ug/L	
			Dissolved Lithium (Li)	2025/06/16	ND, RDL=0.50		ug/L	
			Dissolved Manganese (Mn)	2025/06/16	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/06/16	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/06/16	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/06/16	ND, RDL=2.0		ug/L	
			Dissolved Rubidium (Rb)	2025/06/16	ND, RDL=0.050		ug/L	
			Dissolved Selenium (Se)	2025/06/16	ND, RDL=0.040		ug/L	
			Dissolved Silicon (Si)	2025/06/16	ND, RDL=50		ug/L	
			Dissolved Silver (Ag)	2025/06/16	ND, RDL=0.0050		ug/L	
			Dissolved Strontium (Sr)	2025/06/16	ND, RDL=0.050		ug/L	
			Dissolved Tellurium (Te)	2025/06/16	ND, RDL=0.020		ug/L	
			Dissolved Thallium (Tl)	2025/06/16	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/06/16	ND, RDL=0.0050		ug/L	
			Dissolved Tin (Sn)	2025/06/16	ND, RDL=0.20		ug/L	
			Dissolved Titanium (Ti)	2025/06/16	ND, RDL=0.50		ug/L	
			Dissolved Tungsten (W)	2025/06/16	ND, RDL=0.010		ug/L	
			Dissolved Uranium (U)	2025/06/16	0.0030, RDL=0.0020 (3)		ug/L	
			Dissolved Vanadium (V)	2025/06/16	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/06/16	ND, RDL=0.10		ug/L	
			Dissolved Zirconium (Zr)	2025/06/16	ND, RDL=0.10		ug/L	
B988242	MYO	RPD [DMX282-09]	Dissolved Aluminum (Al)	2025/06/16	0.27		%	20
			Dissolved Antimony (Sb)	2025/06/16	12		%	20



BUREAU
VERITAS

Bureau Veritas Job #: C553331

Report Date: 2025/06/19

HATFIELD CONSULTANTS

Client Project #: FORTIS11234/PE-110163

Site Location: WOODFIBRE PIPELINE PROJECT

Your P.O. #: 4800010213

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Arsenic (As)	2025/06/16	2.6		%	20
			Dissolved Barium (Ba)	2025/06/16	2.5		%	20
			Dissolved Beryllium (Be)	2025/06/16	NC		%	20
			Dissolved Bismuth (Bi)	2025/06/16	NC		%	20
			Dissolved Boron (B)	2025/06/16	NC		%	20
			Dissolved Cadmium (Cd)	2025/06/16	0		%	20
			Dissolved Cesium (Cs)	2025/06/16	NC		%	20
			Dissolved Chromium (Cr)	2025/06/16	NC		%	20
			Dissolved Cobalt (Co)	2025/06/16	0		%	20
			Dissolved Copper (Cu)	2025/06/16	6.0		%	20
			Dissolved Iron (Fe)	2025/06/16	5.1		%	20
			Dissolved Lead (Pb)	2025/06/16	0		%	20
			Dissolved Lithium (Li)	2025/06/16	NC		%	20
			Dissolved Manganese (Mn)	2025/06/16	8.1		%	20
			Dissolved Molybdenum (Mo)	2025/06/16	13		%	20
			Dissolved Nickel (Ni)	2025/06/16	1.5		%	20
			Dissolved Phosphorus (P)	2025/06/16	NC		%	20
			Dissolved Rubidium (Rb)	2025/06/16	4.3		%	20
			Dissolved Selenium (Se)	2025/06/16	NC		%	20
			Dissolved Silicon (Si)	2025/06/16	0.26		%	20
			Dissolved Silver (Ag)	2025/06/16	NC		%	20
			Dissolved Strontium (Sr)	2025/06/16	1.3		%	20
			Dissolved Tellurium (Te)	2025/06/16	NC		%	20
			Dissolved Thallium (Tl)	2025/06/16	0		%	20
			Dissolved Thorium (Th)	2025/06/16	0		%	20
			Dissolved Tin (Sn)	2025/06/16	NC		%	20
			Dissolved Titanium (Ti)	2025/06/16	NC		%	20
			Dissolved Tungsten (W)	2025/06/16	NC		%	20
			Dissolved Uranium (U)	2025/06/16	12		%	20
			Dissolved Vanadium (V)	2025/06/16	NC		%	20
			Dissolved Zinc (Zn)	2025/06/16	NC		%	20
			Dissolved Zirconium (Zr)	2025/06/16	NC		%	20
B989062	BTM	Matrix Spike [DMX290-12]	Total Suspended Solids	2025/06/17		101	%	80 - 120
B989062	BTM	Spiked Blank	Total Suspended Solids	2025/06/17		99	%	80 - 120
B989062	BTM	Method Blank	Total Suspended Solids	2025/06/17	ND, RDL=1.0		mg/L	
B989062	BTM	RPD	Total Suspended Solids	2025/06/17	6.1		%	20
B989518	JAV	Spiked Blank	Dissolved Organic Carbon (C)	2025/06/16		97	%	80 - 120
B989518	JAV	Method Blank	Dissolved Organic Carbon (C)	2025/06/16	ND, RDL=0.50		mg/L	
B989582	JAV	Matrix Spike [DMX282-08]	Total Organic Carbon (C)	2025/06/17		99	%	80 - 120
B989582	JAV	Spiked Blank	Total Organic Carbon (C)	2025/06/17		97	%	80 - 120
B989582	JAV	Method Blank	Total Organic Carbon (C)	2025/06/17	ND, RDL=0.50		mg/L	
B989582	JAV	RPD [DMX282-08]	Total Organic Carbon (C)	2025/06/17	0.30		%	20
B990027	AAX	Matrix Spike	Methyl Sulfone (sur.)	2025/06/16		118	%	50 - 140
			Ethylene Glycol	2025/06/16		135	%	60 - 140
			Diethylene Glycol	2025/06/16		140	%	60 - 140
			Triethylene Glycol	2025/06/16		135	%	60 - 140
			Propylene Glycol	2025/06/16		130	%	60 - 140
B990027	AAX	Spiked Blank	Methyl Sulfone (sur.)	2025/06/16		90	%	50 - 140



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B990027	AAX	Method Blank	Ethylene Glycol	2025/06/16		97	%	70 - 130
			Diethylene Glycol	2025/06/16		103	%	70 - 130
			Triethylene Glycol	2025/06/16		96	%	70 - 130
			Propylene Glycol	2025/06/16		93	%	70 - 130
			Methyl Sulfone (sur.)	2025/06/16		81	%	50 - 140
			Ethylene Glycol	2025/06/16	ND, RDL=3.0		mg/L	
			Diethylene Glycol	2025/06/16	ND, RDL=5.0		mg/L	
			Triethylene Glycol	2025/06/16	ND, RDL=5.0		mg/L	
B990027	AAX	RPD	Propylene Glycol	2025/06/16	ND, RDL=5.0		mg/L	
			Ethylene Glycol	2025/06/16	NC	%	30	
			Diethylene Glycol	2025/06/16	NC	%	30	
			Triethylene Glycol	2025/06/16	NC	%	30	
B990032	BTM	Matrix Spike	Total Dissolved Solids	2025/06/17		NC	%	80 - 120
B990032	BTM	Spiked Blank	Total Dissolved Solids	2025/06/17		98	%	80 - 120
B990032	BTM	Method Blank	Total Dissolved Solids	2025/06/17	ND, RDL=10		mg/L	
B990032	BTM	RPD	Total Dissolved Solids	2025/06/17	3.2		%	20
B990370	BB3	Spiked Blank	pH	2025/06/16		100	%	97 - 103
B990370	BB3	RPD	pH	2025/06/16	0.23		%	N/A
			pH	2025/06/16	0.69		%	N/A
			Chloride (Cl)	2025/06/16		101	%	80 - 120
B990373	JLP	Matrix Spike	Sulphate (SO4)	2025/06/16		99	%	80 - 120
			Chloride (Cl)	2025/06/16		92	%	80 - 120
B990373	JLP	Spiked Blank	Sulphate (SO4)	2025/06/16		93	%	80 - 120
			Chloride (Cl)	2025/06/16	ND, RDL=1.0		mg/L	
B990373	JLP	Method Blank	Sulphate (SO4)	2025/06/16	ND, RDL=1.0		mg/L	
			Chloride (Cl)	2025/06/16	0.29	%	20	
			Sulphate (SO4)	2025/06/16	3.5	%	20	
B990376	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2025/06/16		99	%	80 - 120
B990376	BB3	Method Blank	Alkalinity (PP as CaCO3)	2025/06/16	ND, RDL=1.0		mg/L	
			Alkalinity (Total as CaCO3)	2025/06/16	ND, RDL=1.0		mg/L	
			Bicarbonate (HCO3)	2025/06/16	ND, RDL=1.0		mg/L	
			Carbonate (CO3)	2025/06/16	ND, RDL=1.0		mg/L	
			Hydroxide (OH)	2025/06/16	ND, RDL=1.0		mg/L	
			Alkalinity (PP as CaCO3)	2025/06/16	NC	%	20	
			Alkalinity (Total as CaCO3)	2025/06/16	0.51	%	20	
			Bicarbonate (HCO3)	2025/06/16	0.51	%	20	
B990589	CJY	Matrix Spike	Carbonate (CO3)	2025/06/16	NC	%	20	
			Hydroxide (OH)	2025/06/16	NC	%	20	
			Dissolved Fluoride (F)	2025/06/17		102	%	80 - 120
			Dissolved Fluoride (F)	2025/06/17		97	%	80 - 120



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B990589	CJY	Method Blank	Dissolved Fluoride (F)	2025/06/17	ND, RDL=0.050		mg/L	
B990589	CJY	RPD	Dissolved Fluoride (F)	2025/06/17	NC		%	20
B990608	CJY	Matrix Spike	Dissolved Fluoride (F)	2025/06/17		104	%	80 - 120
B990608	CJY	Spiked Blank	Dissolved Fluoride (F)	2025/06/17		98	%	80 - 120
B990608	CJY	Method Blank	Dissolved Fluoride (F)	2025/06/17	ND, RDL=0.050		mg/L	
B990608	CJY	RPD	Dissolved Fluoride (F)	2025/06/17	NC		%	20
B991058	GCM	Matrix Spike [DMX287-08]	Total Phosphorus (P)	2025/06/17		NC	%	N/A
B991058	GCM	Spiked Blank	Total Phosphorus (P)	2025/06/17		102	%	80 - 120
B991058	GCM	Method Blank	Total Phosphorus (P)	2025/06/17	ND, RDL=0.0010		mg/L	
B991058	GCM	RPD [DMX287-08]	Total Phosphorus (P)	2025/06/17	0.0081		%	20
B991093	JLP	Matrix Spike [DMX282-02]	Total Hex. Chromium (Cr 6+)	2025/06/17		126 (1)	%	80 - 120
B991093	JLP	Spiked Blank	Total Hex. Chromium (Cr 6+)	2025/06/17		118	%	80 - 120
B991093	JLP	Method Blank	Total Hex. Chromium (Cr 6+)	2025/06/17	ND, RDL=0.00099		mg/L	
B991093	JLP	RPD [DMX282-02]	Total Hex. Chromium (Cr 6+)	2025/06/17	NC		%	20
B991209	BTM	Matrix Spike [DMX288-01]	Total Dissolved Solids	2025/06/18		104	%	80 - 120
B991209	BTM	Spiked Blank	Total Dissolved Solids	2025/06/18		102	%	80 - 120
B991209	BTM	Method Blank	Total Dissolved Solids	2025/06/18	ND, RDL=10		mg/L	
B991209	BTM	RPD	Total Dissolved Solids	2025/06/18	13		%	20
B991211	NJD	Matrix Spike [DMX283-05]	Total Sulphide	2025/06/18		109	%	80 - 120
B991211	NJD	Spiked Blank	Total Sulphide	2025/06/18		95	%	80 - 120
B991211	NJD	Method Blank	Total Sulphide	2025/06/18	ND, RDL=0.0018		mg/L	
B991211	NJD	RPD [DMX282-04]	Total Sulphide	2025/06/18	NC		%	20
B991440	MDO	Matrix Spike	Phenols	2025/06/17		107	%	80 - 120
B991440	MDO	Spiked Blank	Phenols	2025/06/17		105	%	80 - 120
B991440	MDO	Method Blank	Phenols	2025/06/17	ND, RDL=0.0015		mg/L	
B991440	MDO	RPD	Phenols	2025/06/17	NC		%	20
B992614	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2025/06/18		91	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2025/06/18		87	%	50 - 140
			D8-NAPHTHALENE (sur.)	2025/06/18		76	%	50 - 140
			TERPHENYL-D14 (sur.)	2025/06/18		88	%	50 - 140
			Quinoline	2025/06/18		114	%	50 - 140
			Naphthalene	2025/06/18		83	%	50 - 140
			1-Methylnaphthalene	2025/06/18		88	%	50 - 140
			2-Methylnaphthalene	2025/06/18		85	%	50 - 140
			Acenaphthylene	2025/06/18		91	%	50 - 140
			Acenaphthene	2025/06/18		91	%	50 - 140
			Fluorene	2025/06/18		98	%	50 - 140
			Phenanthrene	2025/06/18		92	%	50 - 140
			Anthracene	2025/06/18		91	%	50 - 140
			Acridine	2025/06/18		104	%	50 - 140
			Fluoranthene	2025/06/18		87	%	50 - 140
			Pyrene	2025/06/18		83	%	50 - 140



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits		
B992614	JP1	Method Blank	Benzo(a)anthracene	2025/06/18		93	%	50 - 140		
			Chrysene	2025/06/18		87	%	50 - 140		
			Benzo(b&j)fluoranthene	2025/06/18		89	%	50 - 140		
			Benzo(k)fluoranthene	2025/06/18		94	%	50 - 140		
			Benzo(a)pyrene	2025/06/18		90	%	50 - 140		
			Indeno(1,2,3-cd)pyrene	2025/06/18		88	%	50 - 140		
			Dibenz(a,h)anthracene	2025/06/18		89	%	50 - 140		
			Benzo(g,h,i)perylene	2025/06/18		88	%	50 - 140		
			D10-ANTHRACENE (sur.)	2025/06/18		103	%	50 - 140		
			D8-ACENAPHTHYLENE (sur.)	2025/06/18		96	%	50 - 140		
			D8-NAPHTHALENE (sur.)	2025/06/18		81	%	50 - 140		
			TERPHENYL-D14 (sur.)	2025/06/18		96	%	50 - 140		
			Quinoline	2025/06/18		ND, RDL=0.020			ug/L	
			Naphthalene	2025/06/18		ND, RDL=0.10			ug/L	
			1-Methylnaphthalene	2025/06/18		ND, RDL=0.050			ug/L	
			2-Methylnaphthalene	2025/06/18		ND, RDL=0.10			ug/L	
			Acenaphthylene	2025/06/18		ND, RDL=0.050			ug/L	
			Acenaphthene	2025/06/18		ND, RDL=0.050			ug/L	
			Fluorene	2025/06/18		ND, RDL=0.050			ug/L	
			Phenanthrene	2025/06/18		ND, RDL=0.050			ug/L	
			Anthracene	2025/06/18		ND, RDL=0.010			ug/L	
			Acridine	2025/06/18		ND, RDL=0.050			ug/L	
			Fluoranthene	2025/06/18		ND, RDL=0.020			ug/L	
			Pyrene	2025/06/18		ND, RDL=0.020			ug/L	
			Benzo(a)anthracene	2025/06/18		ND, RDL=0.010			ug/L	
			Chrysene	2025/06/18		ND, RDL=0.020			ug/L	
			Benzo(b&j)fluoranthene	2025/06/18		ND, RDL=0.030			ug/L	
			Benzo(k)fluoranthene	2025/06/18		ND, RDL=0.050			ug/L	
			Benzo(a)pyrene	2025/06/18		ND, RDL=0.0050			ug/L	
			Indeno(1,2,3-cd)pyrene	2025/06/18		ND, RDL=0.050			ug/L	
			Dibenz(a,h)anthracene	2025/06/18		ND, RDL=0.0030			ug/L	
			Benzo(g,h,i)perylene	2025/06/18		ND, RDL=0.050			ug/L	
			B992622	IT1	Spiked Blank	O-TERPHENYL (sur.)	2025/06/18		104	%
EPH (C10-C19)	2025/06/18					94	%	70 - 130		



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B992622	IT1	Method Blank	EPH (C19-C32)	2025/06/18		104	%	70 - 130
			O-TERPHENYL (sur.)	2025/06/18		103	%	60 - 140
			EPH (C10-C19)	2025/06/18	ND, RDL=0.20		mg/L	
			EPH (C19-C32)	2025/06/18	ND, RDL=0.20		mg/L	
B993093	IC4	Matrix Spike	Dissolved Mercury (Hg)	2025/06/18		83	%	80 - 120
B993093	IC4	Spiked Blank	Dissolved Mercury (Hg)	2025/06/18		108	%	80 - 120
B993093	IC4	Method Blank	Dissolved Mercury (Hg)	2025/06/18	ND, RDL=0.0019		ug/L	
B993093	IC4	RPD	Dissolved Mercury (Hg)	2025/06/18	12		%	20
B994433	MYO	Spiked Blank	Dissolved Aluminum (Al)	2025/06/19		103	%	80 - 120
			Dissolved Arsenic (As)	2025/06/19		108	%	80 - 120
			Dissolved Barium (Ba)	2025/06/19		102	%	80 - 120
			Dissolved Cobalt (Co)	2025/06/19		105	%	80 - 120
			Dissolved Copper (Cu)	2025/06/19		105	%	80 - 120
			Dissolved Iron (Fe)	2025/06/19		103	%	80 - 120
			Dissolved Lead (Pb)	2025/06/19		102	%	80 - 120
			Dissolved Manganese (Mn)	2025/06/19		106	%	80 - 120
			Dissolved Molybdenum (Mo)	2025/06/19		107	%	80 - 120
			Dissolved Nickel (Ni)	2025/06/19		105	%	80 - 120
			Dissolved Phosphorus (P)	2025/06/19		103	%	80 - 120
			Dissolved Rubidium (Rb)	2025/06/19		105	%	80 - 120
			Dissolved Silicon (Si)	2025/06/19		108	%	80 - 120
			Dissolved Strontium (Sr)	2025/06/19		103	%	80 - 120
			Dissolved Thallium (Tl)	2025/06/19		104	%	80 - 120
			Dissolved Thorium (Th)	2025/06/19		110	%	80 - 120
			Dissolved Titanium (Ti)	2025/06/19		111	%	80 - 120
			Dissolved Uranium (U)	2025/06/19		107	%	80 - 120
			Dissolved Vanadium (V)	2025/06/19		106	%	80 - 120
Dissolved Zinc (Zn)	2025/06/19		110	%	80 - 120			
B994433	MYO	Method Blank	Dissolved Aluminum (Al)	2025/06/19	ND, RDL=0.50		ug/L	
			Dissolved Arsenic (As)	2025/06/19	ND, RDL=0.020		ug/L	
			Dissolved Barium (Ba)	2025/06/19	ND, RDL=0.020		ug/L	
			Dissolved Cobalt (Co)	2025/06/19	ND, RDL=0.0050		ug/L	
			Dissolved Copper (Cu)	2025/06/19	ND, RDL=0.050		ug/L	
			Dissolved Iron (Fe)	2025/06/19	ND, RDL=1.0		ug/L	
			Dissolved Lead (Pb)	2025/06/19	ND, RDL=0.0050		ug/L	
			Dissolved Manganese (Mn)	2025/06/19	ND, RDL=0.050		ug/L	
			Dissolved Molybdenum (Mo)	2025/06/19	ND, RDL=0.050		ug/L	
			Dissolved Nickel (Ni)	2025/06/19	ND, RDL=0.020		ug/L	
			Dissolved Phosphorus (P)	2025/06/19	ND, RDL=2.0		ug/L	



QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Rubidium (Rb)	2025/06/19	ND, RDL=0.050		ug/L	
			Dissolved Silicon (Si)	2025/06/19	ND, RDL=50		ug/L	
			Dissolved Strontium (Sr)	2025/06/19	ND, RDL=0.050		ug/L	
			Dissolved Thallium (Tl)	2025/06/19	ND, RDL=0.0020		ug/L	
			Dissolved Thorium (Th)	2025/06/19	ND, RDL=0.0050		ug/L	
			Dissolved Titanium (Ti)	2025/06/19	ND, RDL=0.50		ug/L	
			Dissolved Uranium (U)	2025/06/19	ND, RDL=0.0020		ug/L	
			Dissolved Vanadium (V)	2025/06/19	ND, RDL=0.20		ug/L	
			Dissolved Zinc (Zn)	2025/06/19	ND, RDL=0.10		ug/L	

N/A = Not Applicable

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

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

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

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

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

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

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

(1) 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

Bureau Veritas Job #: C553331
Report Date: 2025/06/19

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

VALIDATION SIGNATURE PAGE

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

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

Gita Pokhrel, Laboratory Supervisor

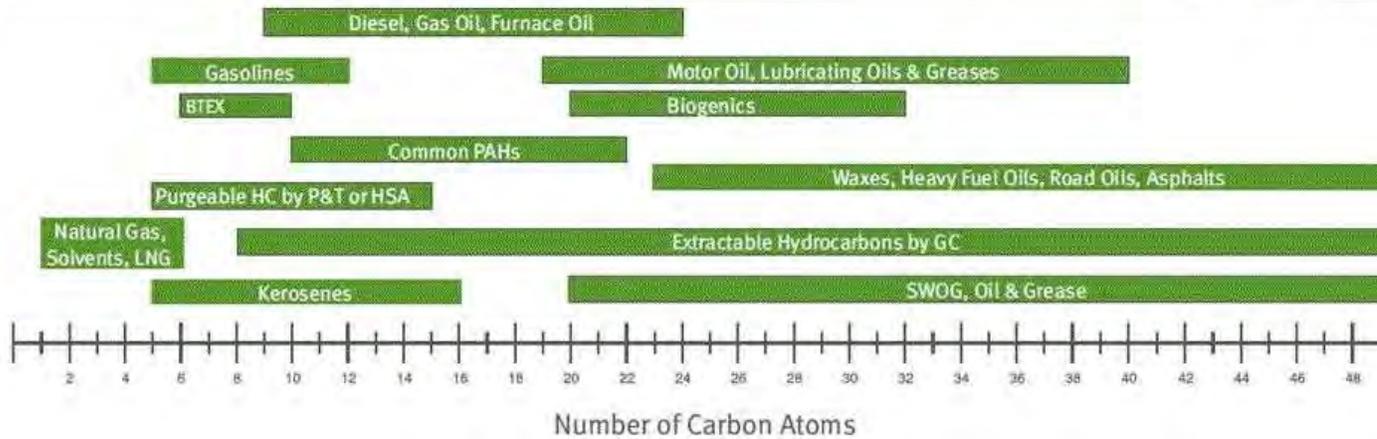
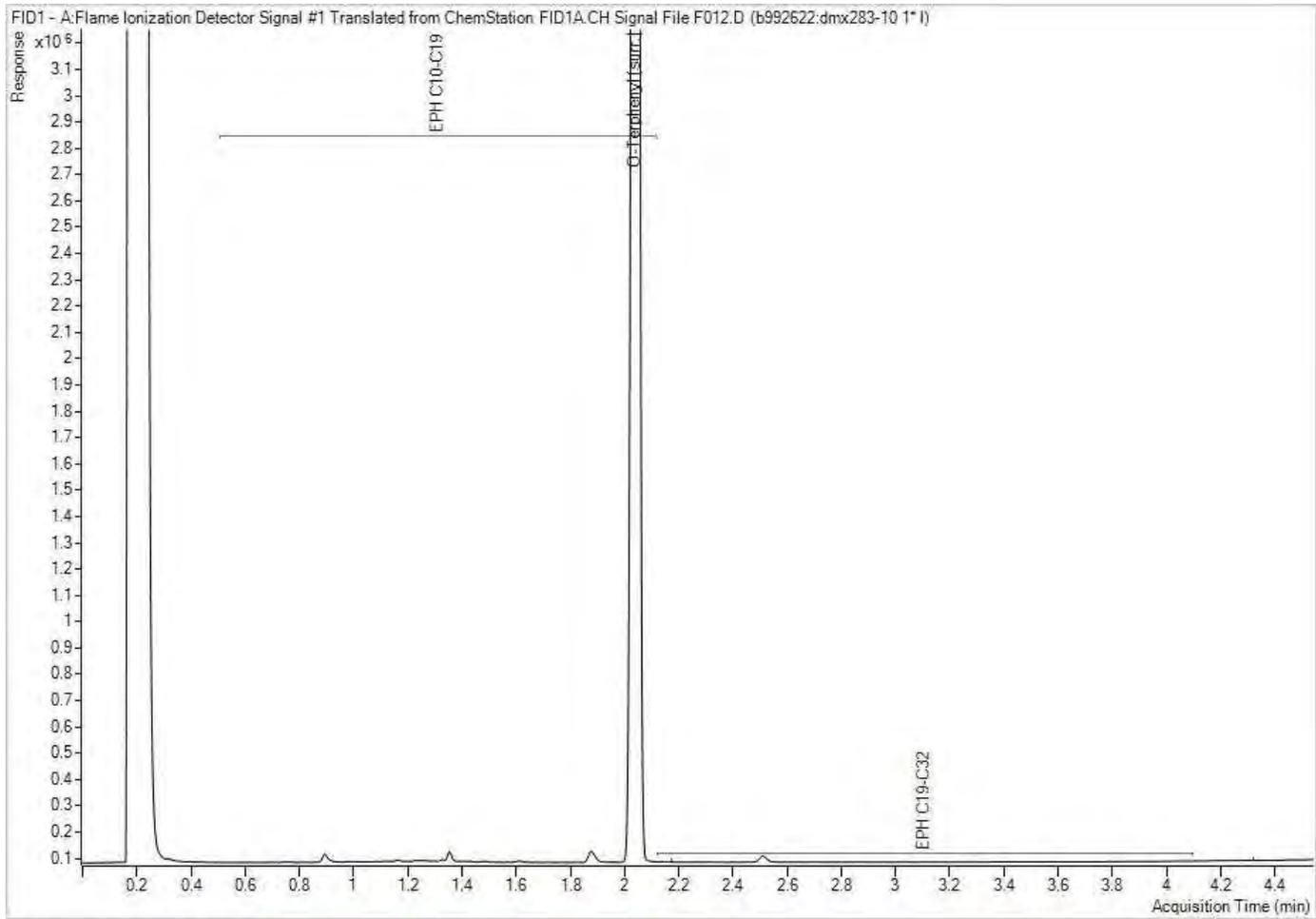
Mauro Oselin, P.Chem., QP, Scientific Specialist

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

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

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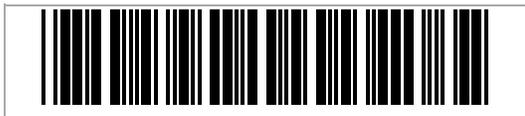
EPH in Water when PAH required Chromatogram



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



eCOC: W106513



Project Information: C553331
 Job Received: 2025/06/11 18:02
 Expected TAT: Standard TAT
 Expected Arrival: 2025/06/10 16:00
 Submitted By: Jennifer Choyce
 Submitted To: Burnaby ENV: 4606
 Canada Way

Invoice Information

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

Report Information

Attn: Jennifer Choyce
 HATFIELD CONSULTANTS
 200-850 Harbourside Dr
 North Vancouver , BC , V7P 0A3
 Email to:
 jchoyce@hatfieldgroup.com
 rmaharaj@hatfieldgroup.com
 mwhelly@hatfieldgroup.com

Project Information

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

Analytical Summary

A: Standard TAT

Client Sample ID	Clnt Ref	Sampling Date/Time	Matrix	#Cont	Woodfibre 2025	Woodfibre Additional 2025	Woodfibre Blank 2025	Set Number
WLNG-DS	1	2025/06/10 11:02	WATER	15	A			1
WLNG -EOP	2	2025/06/10 10:45	WATER	19	A	A		2
WLNG-US	3	2025/06/10 10:27	WATER	15	A			1
SQRI-US	4	2025/06/10 13:02	WATER	15	A			1
SQRI-DS	5	2025/06/10 13:21	WATER	15	A			1
Field Blank	6	2025/06/10 13:21	WATER	15			A	3
Trip Blank	7	2025/06/10	WATER	15			A	3
Q01	8	2025/06/10 09:50	WATER	15	A			1
Q02	9	2025/06/10 09:25	WATER	15	A			1
Q03	10	2025/06/10 09:05	WATER	15	A			1

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



eCOC: W106513



Project Information: C553331
 Job Received: 2025/06/11 18:02
 Expected TAT: Standard TAT
 Expected Arrival: 2025/06/10 16:00
 Submitted By: Jennifer Choyce
 Submitted To: Burnaby ENV: 4606
 Canada Way

Submission Information

of Samples: 10

Details:
 WLNG-US: pH-6.34; Temp- 13.6oC; DO-1.56mg/L
 WLNG-EOP: pH- 6.77; Temp-12.2oC; DO-1.92mg/L
 WLNG-DSL: pH-7.14; Temp-12.2oC; DO-1.75mg/L
 SQU-US: pH-7.16; Temp-11.3oC
 SQU-DS: pH-6.69; Temp-12.7oC
 Q01: pH-6.27; Temp-12.4oC; DO-1.93mg/L
 Q02: pH-6.00; Temp- 10.6oC; DO-1.83mg/L
 Q03: pH-6.45; Temp-13.4oC; DO-1.20mg/L

Field blank taken at SQU-DS

Sample Set Listing

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