North Shore Water Utility Nelson Ltd. Monthly Report

To: Jennifer Beverly, Large Water Systems Environmental Health Officer, Interior Health Authority
From: AquaDiversities Waterworks Inc.
Date: May 13th, 2026
Re: Monthly Report for North Shore Water Utility – **April 2026**

This document includes the following items as part of the monthly report for the North Shore Water Utility Nelson Ltd. (NSWU):

1.0 Daily Water Consumption
2.0 Microbiological Test Results
3.0 Operator Log Sheets and Water Quality Events
4.0 Major Operational Events
5.0 Records of Customer Feedback and Response

Submission of this report is to enhance communication with the local Environment Health Officer (EHO) and meet requirements for status compliance on the conditions summarized in the Operating Permit.

1.0 Daily Water Consumption

Total water consumption in April was 5,761 m^3; average daily consumption was 192.0m^3/day. The average flow was 8.00m^3/hr.

2.0 Microbiological Test Results

A sample from both ends of the distribution system is collected and submitted to an accredited laboratory for bimonthly microbiological testing.

All monthly testing results satisfy the Maximum Allowable Concentration (MAC) standard as set out by the Guidelines for Canadian Drinking Water Quality (GCDWQ).

See **Appendix A** for Laboratory Results

3.0 Operator Log Sheets and Water Quality Events

NSWU continues to be tested on an every-other-day schedule as specified by the EHO. The log sheets include comments on the source, treatment, and distribution system events. Log sheets also include information on the weather for the corresponding test date, which helps correlate weather events to turbidity levels.

Throughout the month of April, chlorine residuals were maintained above 0.2 mg/L across the distribution system.

See **Appendix B** for Operator Log Sheets.

4.0 Major Operational Events

For the month of April there were no major events.

See **Appendix C** for field work memos.

5.0 Records of Customer Feedback and Response

There were no customer inquiries or feedback forms reported during the month of April.

Report Reviewed by:

Nicole Ward, BSc.P.Ag. Project Manager

Appendix A
Laboratory Results

PASSMORE LABORATORY LTD.

Report# 9246
Filename 260414AD.pdf

ANALYTICAL RESULTS

Sample ID	Mainjet Motorsports			Sample #	1
Date/Time Sampled	2026-04-14	11:00 AM	Matrix Creek	Temperature on Receipt	9 °C
Date/Time on Test	2026-04-14	4:29 PM			

Analyses	Result	Units	RDL
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1

Sample ID	570 Johnstone Rd			Sample #	2
Date/Time Sampled	2026-04-14	11:00 AM	Matrix Creek	Temperature on Receipt	9 °C
Date/Time on Test	2026-04-14	4:33 PM			

Analyses	Result	Units	RDL
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1

Glossary of Terms

Less than 1	Less than the Reportable Detection Limit, except under circumstances where the detection limit is higher due to interferences, insufficient sample volume, or dilutions.
APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW =Treated water, DW= Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

References

April 16, 2026

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PASSMORE LABORATORY LTD.

Report# 9271
Filename 260421AD.pdf

ANALYTICAL RESULTS

Sample ID Main Jet — Sample # 1
Date/Time Sampled 2026-04-21 11:00 AM Matrix TW — Temperature on Receipt 6 °C
Date/Time on Test 2026-04-21 5:15 PM

Analyses	Result	Units	RDL
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1

Sample ID 570 Johnstone Rd — Sample # 2
Date/Time Sampled 2026-04-21 11:00 AM Matrix TW — Temperature on Receipt 6 °C
Date/Time on Test 2026-04-21 5:25 PM

Analyses	Result	Units	RDL
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1

Glossary of Terms

Less than 1	Less than the Reportable Detection Limit, except under circumstances where the detection limit is higher due to interferences, insufficient sample volume, or dilutions.
APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW =Treated water, DW= Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

References

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PASSMORE LABORATORY LTD.

Report# 9296
Filename 260428AD.pdf

ANALYTICAL RESULTS

Sample ID	Mainjet Motorsports			Sample #	1
Date/Time Sampled	2026-04-28	11:00 AM	Matrix TW	Temperature on Receipt	5 °C
Date/Time on Test	2026-04-28	4:25 PM			

Analyses	Result	Units	RDL
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1

Sample ID	570 Johnstone Rd			Sample #	2
Date/Time Sampled	2026-04-28	11:00 AM	Matrix TW	Temperature on Receipt	4 °C
Date/Time on Test	2026-04-28	4:29 PM			

Analyses	Result	Units	RDL
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1

Glossary of Terms

Less than 1	Less than the Reportable Detection Limit, except under circumstances where the detection limit is higher due to interferences, insufficient sample volume, or dilutions.
APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW =Treated water, DW= Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

References

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Appendix B
Operator Log Sheet

Month:	Apr-26										
						Mainlet	570 Johnstone Rd				
Date	Time	CL2 pump duration	CL2 pump frequency	Treated Water Turbidity (Res.)	CL2 Residual (Res.)	CL2 Residual (Dist.)	CL2 Residual (Dist.)	Meter reading reading from HMI	Comments	Weather	
MM/DD/YYYY	24:00:00			Isaac Cr. NTU	Isaac Cr. mg/L	mg/L	Isaac		Microbiological Sample Taken/Filter Change/Etc.	Precip./Temp.	Sampled By
4/1/2026											
4/2/2026	11:40:00 AM	14:00	20:00	0.82	1.04	0.71	0.66	178184	changed duration to 13:00		TW
4/3/2026											
4/4/2026	8:00	14	20	0.73	1.03	-	-	-			
4/5/2026											
4/6/2026											
4/7/2026	12:00	13:00	20:00	0.6	0.69	0.61	0.54	179129		sunny	TW
4/8/2026											
4/9/2026	12:30	13:00	20:00	0.58	0.85	0.73		179515		sunny	TW
4/10/2026											
4/11/2026	8:00	13	20	0.51	0.77	-	-	-			
4/12/2026											
4/13/2026											
4/14/2026	10:00	13	20	0.85	0.72	0.78	0.73	180467		6C Rainy	DM
4/15/2026											
4/16/2026	11:00	15	20	0.6	0.5	0.82	0.75	180878	Filled Cl2, Cl2 pump had lost prime, turned pump up to 15	8C cloudy	DM
4/17/2026											
4/18/2026	8:00	12	20	0.52	0.63	-	-	-			
4/19/2026											
4/20/2026											
4/21/2026	12:00	15	20	0.5	0.87	0.65	0.6	181819	mb samples submitted	16C sunny	TW
4/22/2026											
4/23/2026	12:00	12	20	0.48	0.9	0.62	0.53	182220		16C Mixed	DM
4/24/2026											
4/25/2026	8:00	12	20	0.44	0.84	-	-	-			
4/26/2026											
4/27/2026											
4/28/2026	12:00	12	20		0.8	0.74	0.6	183282	mb samples taken	12C sunny	TW
4/29/2026											
4/30/2026	11:00	12	20	0.49	0.86	0.78	0.77	183729	issac check in, topped up cl2	15C sunny	TW/ FD
Reading of flow meter for Sunny Side trailer court (to be recorded once a month)				256233							