



CITY OF NELSON

2018 Annual Drinking Water Quality Report

City of
NELSON



Chris Gainham, Manager of Municipal Services

Table of Contents

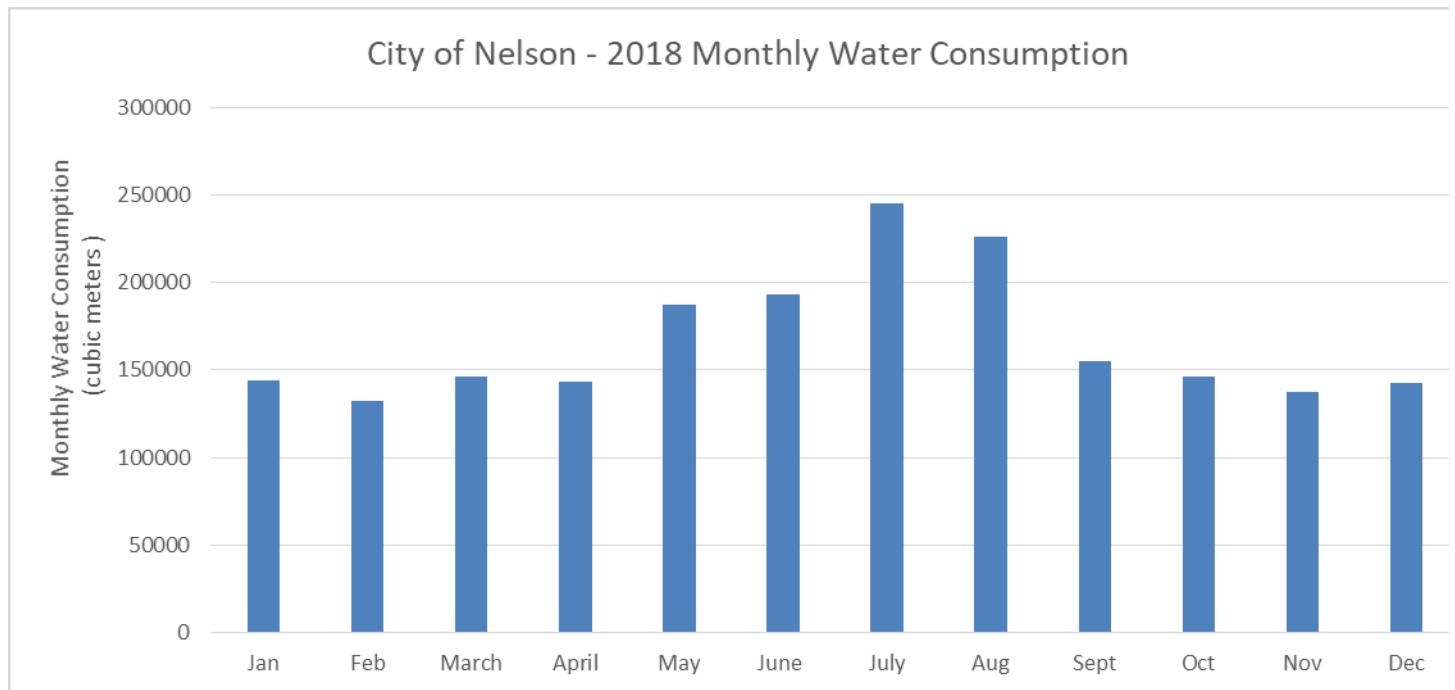
<u>Introduction</u>	3
<u>Total 2018 Water Consumption</u>	3
<u>Water Quality Monitoring</u>	3
<u>Water Emergency Response Plan</u>	3
<u>Cross Connection Control Program Summary</u>	4
<u>Water Master Plan Update</u>	4
<u>Water Distribution System Capital Works Summary</u>	4
<u>Water Conservation Measures</u>	5
<u>Water Quality Advisories</u>	7
<u>Appendix - Water Quality Laboratory Results</u>	
<u>(Source Water, Water Distribution System, Watermain Commissioning)</u>	8

Introduction

This Annual Water Quality Report satisfies requirements outlined in the Drinking Water Protection Regulation, BC Reg 200/2003 and the City's operating permit for the City of Nelson Water System including Facility #0210671 – Mountain Station Water Treatment Plant, and City of Nelson Water Distribution System. The Environmental Operators Certification Program (EOCP) Facility Classifications for both treatment and distribution is 2, and the system is operated and maintained by EOCP licenced operators at this level.

Total 2018 Water Consumption

A total of 1,998,780 cubic metres of water was treated and distributed through the municipal water system in 2018. The City draws source water, primarily from Five Mile Creek and relies on the secondary source waters of Anderson and Selous Creeks during peak summer demand.



Water Quality Monitoring

The City of Nelson is required to develop and maintain a water quality monitoring program which encompasses both source and distribution sides of the system and includes weekly bacteriological sampling and continuous monitoring of turbidity, chlorine and UV transmittance through the city's SCADA (supervisory control and data acquisition) system.

Water Emergency Response Plan

The City's Safe and reliable drinking water is vital to every community. Emergency response planning is an essential part of managing a drinking water system. Most public water systems have had routine operating emergencies such as pipe breaks, pump malfunctions, bacteriological contamination, and power outages. These are manageable if the water system has an emergency response plan that can be put into action.

More serious non-routine emergencies may result from intentional acts of vandalism, chemical spills, floods, earthquakes, windstorms, or droughts. These can drastically affect the system and the community that depends on it. Each emergency has unique effects on different parts of a water system. Floods can cause widespread bacterial contamination, earthquakes can damage water sources, distribution systems and treatment systems, and storms can disrupt power supplies. The common element is that each emergency may threaten the system's ability to deliver potable and palatable drinking water. Emergency response planning is a process by which water system managers and staff explore vulnerabilities, make improvements, and establish procedures to follow in an emergency situation. It is also a process that encourages people to form partnerships and get to know one another. Preparing a response plan and practicing it can save lives, prevent illness, enhance system security, minimize property damage, and lessen the overall burden of a catastrophic event and the cost associated to the disaster.

The City developed the current emergency response plan in 2016 and updates the plan annually. The plan is available for viewing at the Public Works and Utility Complex located at 80 Lakeside Dr. Nelson, BC V1L 6B9

Cross Connection Control Program Summary

The City of Nelson 's Cross Connection Control Program, implemented in 2017 has, to-date, completed 280 facility inspections, representing 73% of customers in Nelson, and has 137 back flow prevention devices in our tracking system. Our Waterworks Regulatory Bylaw #3293 (2015) and Subdivision and Development Bylaw #3170 (2011) contain provisions for protection of our waterworks system from potential contamination from potential sources of contamination , including cross connection protection, provision of backflow protection, and access to properties for inspection by a qualified person. The City's water meter data is analyzed monthly and the software is designed to automatically flag suspected incidents of backflow.

Water Master Plan Update

The original City of Nelson Water Master Plan was completed in 2007 and updated in 2017 (with final Council approval in 2018). A Copy of the Master Plan is available here:

<https://www.nelson.ca/DocumentCenter/View/2066/Water-Masterplan-Update->

Water Distribution System Capital Works Summary

<u>PROJECT AREA</u>	<u>SCOPE</u>	<u>LENGTH (ft)</u>
300 – 700 BLOCKS THIRD ST.	8" Water Main Replacement	2,240
500 BLK GORE STREET	8" Water Main Replacement	760
	TOTAL	3,000

Water Conservation Measures

Level 2 Water Restrictions (described in the infographic below) were implemented beginning on July 12, 2018 and remained in effect until August 28, 2018 when the city moved to Level 3 Water Restrictions (in effect until moving back to Level 2 Restrictions on June 3, 2019).

Mandatory Water Conservation Measures

Activity	Normal Regulations	1	2	3
Watering lawns using a sprinkler or irrigation system	4am - 9am & 7pm-10pm Even # address: Even # days of the month Odd # address: Odd # days of the month	4am - 9am & 7pm-10pm Even # address: ONLY ON Wednesday <u>and</u> Saturday Odd # address: ONLY ON Thursday <u>and</u> Sunday	4am-9am & 7pm-10pm Even # address: ONLY ON Wednesday Odd # address: ONLY ON Thursday	X
Watering trees, shrubs, or vegetable & flower gardens using a sprinkler or irrigation system	✓	4am-9am & 7pm-10pm ANY DAY	4am-9am & 7pm-10pm ANY DAY	4am-9am & 7pm-10pm ANY DAY
Watering trees, shrubs, or vegetable & flower gardens using a hand-held container, a hose with a shut-off nozzle, or a drip-irrigation system	✓	✓	✓	4am-9am & 7pm-10pm ANY DAY
Washing sidewalks, driveways, parking lots, exterior building surfaces, and exterior windows *	✓ with a handheld shut-off nozzle	✓ with a handheld shut-off nozzle	X	X
Washing personal Vehicles **	✓ with a handheld shut-off nozzle	✓ with a handheld shut-off nozzle	✓ with a handheld shut-off nozzle	X
Filling of fountains, pools, hot tubs, or garden ponds	✓	✓	✓	X
Watering new sod or grass outside of the permitted restrictions ***	PERMIT REQUIRED	PERMIT REQUIRED	X	X

* Permitted at all stages if necessary for applying product such as paint, preservative and stucco, preparing a surface prior to paving or repointing bricks, or if required bylaw to comply with health or safety regulations.

** Commercial carwash permitted at all stages

*** Permits can be acquired by contacting the Public Works at (250) 352-8238.



Water Quality Advisories

An increase in turbidity due to spring freshet resulted in degraded water quality to FAIR and a Water Quality Advisory was issued on May 9, 2018. This advisory was rescinded on May 28, 2018 when turbidity decreased and water quality returned to GOOD.


**PASSMORE
LABORATORY LTD.**

4240 Passmore Upper Road, Winlaw BC, V0G2J0
 250-226-7339
 test@passmorelaboratory.ca
 passmorelaboratory.ca

Client City of Nelson

Attention Martin Grill

Date 2018-01-02

Report # 180103CN

Method of Testing: Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 22st Edition, 2012 published by the American Public Health Association.

Sample #	1		
Sample Site	Rosemont Res		
Sample Date/Time	2018-01-02 8:40 AM	Date/Time on test	2018-01-02 11:00 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	5	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	2		
Sample Site	Interior Health Building		
Sample Date/Time	2018-01-02 10:50 AM	Date/Time on test	2018-01-02 11:00 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	5	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	3		
Sample Site	Nelson Carwash		
Sample Date/Time	2018-01-02 11:00 AM	Date/Time on test	2018-01-02 11:10 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	4	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	4		
Sample Site	Mt Lakes Seniors		
Sample Date/Time	2018-01-02 11:15 AM	Date/Time on test	2018-01-02 11:10 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	5	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Sample #	5		
Sample Site	Mtn. Station Reservoir - Raw		
Sample Date/Time	2018-01-02 9:40 AM	Date/Time on test	2018-01-02 11:20 PM
Matrix**	SW	Total Coliforms*	96
Temperature on arrival	5	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Analyst Zach Yeow

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program.

*Colony forming units per 100ml

**SW = Surface water, TW =Treated water, DW= Distribution water, UGW = Untreated Ground water, RW = Raw water


**PASSMORE
LABORATORY LTD.**

4240 Passmore Upper Road, Winlaw BC, V0G2J0
 250-226-7339
 test@passmorelaboratory.ca
 passmorelaboratory.ca

Client City of Nelson

Attention Martin Grill

Date 2018-01-09

Report # 180109CN

Method of Testing: Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 22st Edition, 2012 published by the American Public Health Association.

Sample #	1		
Sample Site	Rosemont Res		
Sample Date/Time	2018-01-09 8:00 AM	Date/Time on test	2018-01-09 6:30 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	5	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	2		
Sample Site	Interior Health Building		
Sample Date/Time	2018-01-09 8:25 AM	Date/Time on test	2018-01-09 6:30 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	5	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	3		
Sample Site	Nelson Carwash		
Sample Date/Time	2018-01-09 8:40 AM	Date/Time on test	2018-01-09 6:30 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	5	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	4		
Sample Site	Mt Lakes Seniors		
Sample Date/Time	2018-01-09 8:50 AM	Date/Time on test	2018-01-09 6:45 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	4	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Sample # 5

Sample Site Mtn. Station Reservoir - Raw

Sample Date/Time 2018-01-09 9:10 AM Date/Time on test 2018-01-09 6:45 PM

Matrix** SW Total Coliforms* 26

Temperature on arrival 5 Verified E.coli* Less than 1

Fecal (Thermotolerant) Coliforms* Less than 1

Analyst Mechelle Babic

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program.

*Colony forming units per 100ml

**SW = Surface water, TW =Treated water, DW= Distribution water, UGW = Untreated Ground water, RW = Raw water


**PASSMORE
LABORATORY LTD.**

4240 Passmore Upper Road, Winlaw BC, V0G2J0
 250-226-7339
 test@passmorelaboratory.ca
 passmorelaboratory.ca

Client City of Nelson

Attention Martin Grill

Date 2018-01-16

Report # 180116CN

Method of Testing: Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 22st Edition, 2012 published by the American Public Health Association.

Sample #	1		
Sample Site	Rosemont Res		
Sample Date/Time	2018-01-16 8:00 AM	Date/Time on test	2018-01-16 5:45 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	8	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Sample #	2		
Sample Site	Interior Health Building		
Sample Date/Time	2018-01-16 8:30 AM	Date/Time on test	2018-01-16 5:45 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	7	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Sample #	3		
Sample Site	Nelson Carwash		
Sample Date/Time	2018-01-16 8:40 AM	Date/Time on test	2018-01-16 6:00 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	7	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Sample #	4		
Sample Site	Mt Lakes Seniors		
Sample Date/Time	2018-01-16 8:50 AM	Date/Time on test	2018-01-16 6:00 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	9	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Sample #	5		
Sample Site	Mtn. Station Reservoir - Raw		
Sample Date/Time	2018-01-16 9:30 AM	Date/Time on test	2018-01-16 6:15 PM
Matrix**	SW	Total Coliforms*	17
Temperature on arrival	8	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Analyst Mechelle Babic

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program.

*Colony forming units per 100ml

**SW = Surface water, TW =Treated water, DW= Distribution water, UGW = Untreated Ground water, RW = Raw water


**PASSMORE
LABORATORY LTD.**

4240 Passmore Upper Road, Winlaw BC, V0G2J0
 250-226-7339
 test@passmorelaboratory.ca
 passmorelaboratory.ca

Client City of Nelson

Attention Martin Grill

Date 2018-01-23

Report # 180123CN

Method of Testing: Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 22st Edition, 2012 published by the American Public Health Association.

Sample #	1		
Sample Site	Rosemont Res		
Sample Date/Time	2018-01-23 8:00 AM	Date/Time on test	2018-01-23 7:00 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	5	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	2		
Sample Site	Interior Health Building		
Sample Date/Time	2018-01-23 8:30 AM	Date/Time on test	2018-01-23 7:00 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	7	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	3		
Sample Site	Nelson Carwash		
Sample Date/Time	2018-01-23 8:45 AM	Date/Time on test	2018-01-23 7:00 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	5	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	4		
Sample Site	Mt Lakes Seniors		
Sample Date/Time	2018-01-23 9:00 AM	Date/Time on test	2018-01-23 7:00 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	6	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Sample #	5		
Sample Site	Mtn. Station Reservoir - Raw		
Sample Date/Time	2018-01-23 9:15 AM	Date/Time on test	2018-01-23 7:15 PM
Matrix**	SW	Total Coliforms*	26
Temperature on arrival	7	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Analyst Mechelle Babic

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program.

*Colony forming units per 100ml

**SW = Surface water, TW =Treated water, DW= Distribution water, UGW = Untreated Ground water, RW = Raw water


**PASSMORE
LABORATORY LTD.**

4240 Passmore Upper Road, Winlaw BC, V0G2J0
 250-226-7339
 test@passmorelaboratory.ca
 passmorelaboratory.ca

Client City of Nelson

Attention Martin Grill

Date 2018-01-30

Report # 180130CN

Method of Testing: Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 22st Edition, 2012 published by the American Public Health Association.

Sample #	1		
Sample Site	Rosemont Res		
Sample Date/Time	2018-01-30 9:30 AM	Date/Time on test	2018-01-30 6:15 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	5	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	2		
Sample Site	Interior Health Building		
Sample Date/Time	2018-01-30 9:00 AM	Date/Time on test	2018-01-30 6:30 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	5	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	3		
Sample Site	Nelson Carwash		
Sample Date/Time	2018-01-30 9:18 AM	Date/Time on test	2018-01-30 6:30 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	6	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	4		
Sample Site	Mt Lakes Seniors		
Sample Date/Time	2018-01-30 9:30 AM	Date/Time on test	2018-01-30 6:30 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	5	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Sample #	5		
Sample Site	Mtn. Station Reservoir - Raw		
Sample Date/Time	2018-01-30 11:10 AM	Date/Time on test	2018-01-30 6:30 PM
Matrix**	SW	Total Coliforms*	76
Temperature on arrival	6	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Analyst Mechelle Babic

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program.

*Colony forming units per 100ml

**SW = Surface water, TW =Treated water, DW= Distribution water, UGW = Untreated Ground water, RW = Raw water


**PASSMORE
LABORATORY LTD.**

4240 Passmore Upper Road, Winlaw BC, V0G2J0
 250-226-7339
 test@passmorelaboratory.ca
 passmorelaboratory.ca

Client City of Nelson

Attention Martin Grill

Date 2018-02-06

Report # 180206CN

Method of Testing: Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 22st Edition, 2012 published by the American Public Health Association.

Sample #	1		
Sample Site	Rosemont Res		
Sample Date/Time	2018-02-06 8:00 AM	Date/Time on test	2018-02-06 5:20 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	6	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	2		
Sample Site	Interior Health Building		
Sample Date/Time	2018-02-06 8:20 AM	Date/Time on test	2018-02-06 5:25 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	6	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	3		
Sample Site	Nelson Carwash		
Sample Date/Time	2018-02-06 8:35 AM	Date/Time on test	2018-02-06 5:30 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	6	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1
Sample #	4		
Sample Site	Mt Lakes Seniors		
Sample Date/Time	2018-02-06 8:50 AM	Date/Time on test	2018-02-06 5:35 PM
Matrix**	DW	Total Coliforms*	Less than 1
Temperature on arrival	7	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Sample #	5		
Sample Site	Mtn. Station Reservoir - Raw		
Sample Date/Time	2018-02-06 9:15 AM	Date/Time on test	2018-02-06 5:40 PM
Matrix**	SW	Total Coliforms*	14
Temperature on arrival	6	Verified E.coli*	Less than 1
		Fecal (Thermotolerant) Coliforms*	Less than 1

Analyst Zach Yeow

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program.

*Colony forming units per 100ml

**SW = Surface water, TW =Treated water, DW= Distribution water, UGW = Untreated Ground water, RW = Raw water



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res	Sample #	1
Date/Time Sampled	2018-02-13	8:00 AM	Matrix DW
Temperature on Receipt	6		
Date/Time on Test	2018-02-13	5:55 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Interior Health Building	Sample #	2
Date/Time Sampled	2018-02-13	8:20 AM	Matrix DW
Temperature on Receipt	6		
Date/Time on Test	2018-02-13	6:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Nelson Carwash	Sample #	3
Date/Time Sampled	2018-02-13	8:30 AM	Matrix DW
Temperature on Receipt	6		
Date/Time on Test	2018-02-13	6:05 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-02-13	8:45 AM	Matrix DW
Temperature on Receipt	6		
Date/Time on Test	2018-02-13	6:10 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-02-13	9:30 AM	Matrix SW
Temperature on Receipt	6		
Date/Time on Test	2018-02-13	6:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	140	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	Less than 1	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



Report# 527
Filename 180220CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-02-20	8:15 AM	Matrix DW

Date/Time on Test 2018-02-20 4:50 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	<1	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-02-20	8:35 AM	Matrix DW

Date/Time on Test 2018-02-20 4:50 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	<1	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-02-20	8:50 AM	Matrix DW

Date/Time on Test 2018-02-20 4:55 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	<1	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-02-20	9:10 AM	Matrix DW

Date/Time on Test 2018-02-20 5:00 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	<1	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-02-20	9:40 AM	Matrix SW

Date/Time on Test 2018-02-20 5:10 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	166	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-02-27	8:20 AM	Matrix DW

Date/Time on Test 2018-02-27 5:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	<1	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-02-27	8:35 AM	Matrix DW

Date/Time on Test 2018-02-27 5:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	<1	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-02-27	9:05 AM	Matrix DW

Date/Time on Test 2018-02-27 5:40 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	<1	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-02-27	8:50 AM	Matrix DW

Date/Time on Test 2018-02-27 5:40 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	<1	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-02-27	11:30 AM	Matrix SW

Date/Time on Test 2018-02-27 5:50 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	106	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	<1	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



Report# 553
Filename 180306CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-03-06	8:45 AM	Matrix DW

Date/Time on Test 2018-03-06 4:05 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	<1	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-03-06	9:00 AM	Matrix DW

Date/Time on Test 2018-03-06 4:10 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	<1	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-03-06	9:15 AM	Matrix DW

Date/Time on Test 2018-03-06 4:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	<1	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-03-06	9:30 AM	Matrix DW

Date/Time on Test 2018-03-06 4:17 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	<1	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-03-06	8:15 AM	Matrix SW

Date/Time on Test 2018-03-06 4:26 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	73	CFU/100mL	1
Verified E.coli	<1	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Cedar St @Lakeside Drive			Sample #	6
Date/Time Sampled	2018-03-06	11:30 AM	Matrix	DW (Water Main)	Temperature on Receipt
Date/Time on Test	2018-03-06	4:30 PM			
<u>Analyses</u>		<u>Result</u>	<u>Units</u>	<u>RDL</u>	
Coliforms, Total		<1	CFU/100mL	1	
Verified E.coli		<1	CFU/100mL	1	

Glossary of Terms

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-03-13	Matrix	DW

Date/Time on Test 2018-03-13 4:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-03-13	Matrix	DW

Date/Time on Test 2018-03-13 4:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-03-13	Matrix	DW

Date/Time on Test 2018-03-13 4:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-03-13	Matrix	DW

Date/Time on Test 2018-03-13 4:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-03-13	Matrix	SW

Date/Time on Test 2018-03-13 4:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	119	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	Less than 1	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-03-20	8:00 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-03-20	6:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-03-20	8:15 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-03-20	6:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-03-20	8:55 AM	Matrix DW
			Temperature on Receipt 7
Date/Time on Test	2018-03-20	6:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-03-20	9:05 AM	Matrix DW
			Temperature on Receipt 8
Date/Time on Test	2018-03-20	6:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-03-20	8:40 AM	Matrix SW
			Temperature on Receipt 6
Date/Time on Test	2018-03-20	6:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	83	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	Less than 1	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Jennifer Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-03-27	8:15 AM	Matrix DW

Date/Time on Test 2018-03-27 3:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-03-27	8:40 AM	Matrix DW

Date/Time on Test 2018-03-27 3:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-03-27	8:45 AM	Matrix DW

Date/Time on Test 2018-03-27 3:45 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-03-27	9:00 AM	Matrix DW

Date/Time on Test 2018-03-27 3:45 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-03-27	9:30 AM	Matrix SW

Date/Time on Test 2018-03-27 3:50 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	178	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	Less than 1	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-04-03	7:40 AM	Matrix DW

Date/Time on Test 2018-04-03 5:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-04-03	8:20 AM	Matrix DW

Date/Time on Test 2018-04-03 5:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-04-03	8:30 AM	Matrix DW

Date/Time on Test 2018-04-03 5:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-04-03	8:40 AM	Matrix DW

Date/Time on Test 2018-04-03 5:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-04-03	8:00 AM	Matrix SW

Date/Time on Test 2018-04-03 5:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	38	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	Less than 1	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-04-10	8:00 AM	Matrix DW
			Temperature on Receipt 9
Date/Time on Test	2018-04-10	6:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-04-10	8:15 AM	Matrix DW
			Temperature on Receipt 8
Date/Time on Test	2018-04-10	6:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-04-10	8:30 AM	Matrix DW
			Temperature on Receipt 9
Date/Time on Test	2018-04-10	6:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-04-10	8:45 AM	Matrix DW
			Temperature on Receipt 9
Date/Time on Test	2018-04-10	6:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-04-10	9:50 AM	Matrix SW
			Temperature on Receipt 9
Date/Time on Test	2018-04-10	6:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	26	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	816 Mill St.			Sample #	6	
Date/Time Sampled	2018-04-10	9:45 AM	Matrix	DW	Temperature on Receipt	8
Date/Time on Test	2018-04-10 6:30 PM					
<u>Analyses</u>	<u>Result</u>		<u>Units</u>	<u>RDL</u>		
Coliforms, Total	less than 1		CFU/100mL	1		
Verified E.coli	less than 1		CFU/100mL	1		

Glossary of Terms

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-04-17	8:15 AM	Matrix DW

Date/Time on Test 2018-04-17 6:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-04-17	10:20 AM	Matrix DW

Date/Time on Test 2018-04-17 6:45 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-04-17	8:53 AM	Matrix DW

Date/Time on Test 2018-04-17 6:45 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-04-17	9:10 AM	Matrix DW

Date/Time on Test 2018-04-17 6:45 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-04-17	11:00 AM	Matrix SW

Date/Time on Test 2018-04-17 7:00 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	50	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	Less than 1	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-04-24	8:10 AM	Matrix DW

Date/Time on Test 2018-04-24 5:00 PM

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

Sample Site Interior Health I.H.A Sample # 2

Date/Time Sampled 2018-04-24 8:30 AM Matrix DW Temperature on Receipt 9

Date/Time on Test 2018-04-24 5:00 PM

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

Sample Site Nelson Car Wash Sample # 3

Date/Time Sampled 2018-04-24 8:50 AM Matrix DW Temperature on Receipt 8

Date/Time on Test 2018-04-24 5:00 PM

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

Sample Site Mnt Lakes Seniors Sample # 4

Date/Time Sampled 2018-04-24 9:10 AM Matrix DW Temperature on Receipt 9

Date/Time on Test 2018-04-24 5:00 PM

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

Sample Site Mtn. Station Reservoir - Raw Sample # 5

Date/Time Sampled 2018-04-24 9:30 AM Matrix SW Temperature on Receipt 10

Date/Time on Test 2018-04-24 5:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	40	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-05-01	8:00 AM	Matrix DW
Date/Time on Test	2018-05-01	4:40 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-05-01	8:15 AM	Matrix DW
Date/Time on Test	2018-05-01	4:40 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-05-01	8:30 AM	Matrix DW
Date/Time on Test	2018-05-01	4:50 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-05-01	8:45 AM	Matrix DW
Date/Time on Test	2018-05-01	4:50 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-05-01	9:10 AM	Matrix SW
Date/Time on Test	2018-05-01	5:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	38	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-05-08	8:30 AM	Matrix DW

Date/Time on Test 2018-05-08 6:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-05-08	10:45 AM	Matrix DW

Date/Time on Test 2018-05-08 6:20 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-05-08	11:10 AM	Matrix DW

Date/Time on Test 2018-05-08 6:25 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-05-08	10:56 AM	Matrix DW

Date/Time on Test 2018-05-08 6:25 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-05-08	11:40 AM	Matrix SW

Date/Time on Test 2018-05-08 6:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	30	CFU/100mL	1
Verified E.coli	1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	15	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-05-15	9:30 AM	Matrix DW

Date/Time on Test 2018-05-15 4:47 PM

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

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-05-15	8:15 AM	Matrix DW

Date/Time on Test 2018-05-15 4:50 PM

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

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-05-15	8:32 AM	Matrix DW

Date/Time on Test 2018-05-15 5:00 PM

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

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-05-15	8:45 AM	Matrix DW

Date/Time on Test 2018-05-15 5:10 PM

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

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-05-15	9:05 AM	Matrix SW

Date/Time on Test 2018-05-15 5:13 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	214 est.	CFU/100mL	1
Verified E.coli	26	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	114	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-05-22	10:50 AM	Matrix DW

Date/Time on Test 2018-05-22 5:10 PM

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

Sample Site Interior Health I.H.A Sample # 2

Date/Time Sampled 2018-05-22 8:05 AM Matrix DW Temperature on Receipt 8

Date/Time on Test 2018-05-22 5:15 PM

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

Sample Site Nelson Car Wash Sample # 3

Date/Time Sampled 2018-05-22 9:23 AM Matrix DW Temperature on Receipt 8

Date/Time on Test 2018-05-22 5:30 PM

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

Sample Site Mnt Lakes Seniors Sample # 4

Date/Time Sampled 2018-05-22 9:10 AM Matrix DW Temperature on Receipt 7

Date/Time on Test 2018-05-22 5:35 PM

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

Sample Site Mtn. Station Reservoir - Raw Sample # 5

Date/Time Sampled 2018-05-22 8:50 AM Matrix SW Temperature on Receipt 7

Date/Time on Test 2018-05-22 5:40 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	244	CFU/100mL	1
Verified E.coli	6	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	6	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-05-29	8:00 AM	Matrix DW
Temperature on Receipt	10		
Date/Time on Test	2018-05-29	1:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-05-29	8:30 AM	Matrix DW
Temperature on Receipt	9		
Date/Time on Test	2018-05-29	1:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-05-29	8:45 AM	Matrix DW
Temperature on Receipt	11		
Date/Time on Test	2018-05-29	1:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-05-29	9:00 AM	Matrix DW
Temperature on Receipt	11		
Date/Time on Test	2018-05-29	1:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-05-29	9:15 AM	Matrix SW
Temperature on Receipt	9		
Date/Time on Test	2018-05-29	1:20 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	60	CFU/100mL	1
Verified E.coli	3	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	3	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-05-06	8:00 AM	Matrix DW
Temperature on Receipt	10		
Date/Time on Test	2018-05-06	5:20 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-05-06	8:30 AM	Matrix DW
Temperature on Receipt	9		
Date/Time on Test	2018-05-06	5:25 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-05-06	8:45 AM	Matrix DW
Temperature on Receipt	8		
Date/Time on Test	2018-05-06	5:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-05-06	9:10 AM	Matrix DW
Temperature on Receipt	8		
Date/Time on Test	2018-05-06	5:35 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-05-06	10:30 AM	Matrix SW
Temperature on Receipt	7		
Date/Time on Test	2018-05-06	5:40 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	42	CFU/100mL	1
Verified E.coli	22	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	18	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



Report# 754
Filename 180606CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	700 blk of Third Street	Sample #
Date/Time Sampled	2018-06-07 11:15 AM	Matrix DW

Date/Time on Test 2018-06-06 1:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Glossary of Terms

< 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



Report# 760
Filename 180612CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-06-12	8:00 AM	Matrix DW
			Temperature on Receipt 9
Date/Time on Test	2018-06-12	6:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-06-12	8:30 AM	Matrix DW
			Temperature on Receipt 8
Date/Time on Test	2018-06-12	6:05 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-06-12	8:45 AM	Matrix DW
			Temperature on Receipt 10
Date/Time on Test	2018-06-12	6:10 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-06-12	9:00 AM	Matrix DW
			Temperature on Receipt 11
Date/Time on Test	2018-06-12	6:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-06-12	9:15 AM	Matrix SW
			Temperature on Receipt 8
Date/Time on Test	2018-06-12	6:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	104	CFU/100mL	1
Verified E.coli	6	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	6	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-06-19	8:10 AM	Matrix DW
			Temperature on Receipt 7
Date/Time on Test	2018-06-19	5:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-06-19	8:00 AM	Matrix DW
			Temperature on Receipt 10
Date/Time on Test	2018-06-19	5:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-06-19	9:30 AM	Matrix DW
			Temperature on Receipt 10
Date/Time on Test	2018-06-19	5:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-06-19	9:15 AM	Matrix DW
			Temperature on Receipt 8
Date/Time on Test	2018-06-19	5:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-06-19	9:00 AM	Matrix SW
			Temperature on Receipt 7
Date/Time on Test	2018-06-19	5:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	22	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	1	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-06-26	8:00 AM	Matrix DW

Date/Time on Test 2018-06-26 7:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-06-26	8:55 AM	Matrix DW

Date/Time on Test 2018-06-26 7:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-06-26	9:30 AM	Matrix DW

Date/Time on Test 2018-06-26 7:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-06-26	9:15 AM	Matrix DW

Date/Time on Test 2018-06-26 7:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-06-26	11:00 AM	Matrix SW

Date/Time on Test 2018-06-26 7:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	178	CFU/100mL	1
Verified E.coli	6	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	6	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-07-03	8:20 AM	Matrix DW

Date/Time on Test 2018-07-03 6:10 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-07-03	11:30 AM	Matrix DW

Date/Time on Test 2018-07-03 6:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-07-03	9:00 AM	Matrix DW

Date/Time on Test 2018-07-03 6:20 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-07-03	9:20 AM	Matrix DW

Date/Time on Test 2018-07-03 6:25 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-07-03	10:55 AM	Matrix SW

Date/Time on Test 2018-07-03 6:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	116	CFU/100mL	1
Verified E.coli	4	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	8	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



Report# 816
Filename 180706CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

A handwritten signature in black ink that reads "Jennifer Yeow".

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	500 blk Third Street	Sample #	
Date/Time Sampled	2018-07-05	5:00 PM	
Matrix	DW	Temperature on Receipt	
Date/Time on Test 2018-07-05 2:15 PM			
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1

Glossary of Terms

< 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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

A handwritten signature in black ink that reads "Jennifer Yeow".

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Gyro Park Pool				Sample #
Date/Time Sampled	2018-07-05	8:00 AM	Matrix	Temperature on Receipt	
Date/Time on Test	2018-07-05	5:00 PM			
<u>Analyses</u>		<u>Result</u>	<u>Units</u>	<u>RDL</u>	
Coliforms, Total		less than 1	CFU/100mL	1	
Verified E.coli		less than 1	CFU/100mL	1	

Glossary of Terms	
<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson

Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D
Heterotrophic Plate Count	Pour plate method	APHA 9215B

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

A handwritten signature in black ink that reads "Jennifer Yeow".

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Gyro Park Pool			Sample #
Date/Time Sampled	2018-07-05	8:00 AM	Matrix	Temperature on Receipt
Date/Time on Test	2018-07-05		5:00 PM	
<u>Analyses</u>	<u>Result</u>		<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1		CFU/100mL	1
Verified E.coli	less than 1		CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1		CFU/100mL	1
Heterotrophic Plate Count	less than 1		CFU/1mL	1

Glossary of Terms

<	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
MAC	Maximum Acceptable Concentration
Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

References



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-07-10	8:15 AM	Matrix DW
			Temperature on Receipt 9
Date/Time on Test	2018-07-10	6:20 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-07-10	8:45 AM	Matrix DW
			Temperature on Receipt 7
Date/Time on Test	2018-07-10	6:25 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-07-10	9:15 AM	Matrix DW
			Temperature on Receipt 7
Date/Time on Test	2018-07-10	6:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-07-10	9:05 AM	Matrix DW
			Temperature on Receipt 9
Date/Time on Test	2018-07-10	6:35 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-07-10	8:55 AM	Matrix SW
			Temperature on Receipt 8
Date/Time on Test	2018-07-10	6:40 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	178	CFU/100mL	1
Verified E.coli	4	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	4	CFU/100mL	1

ANALYTICAL RESULTS**Glossary of Terms**

<	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



Report# 830
Filename 180711CN1.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

A handwritten signature in black ink that reads "Jennifer Yeow".

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	400 blk Third Street	Sample #
Date/Time Sampled	2018-07-11 11:35 AM	Matrix DW

Date/Time on Test 2018-07-11 4:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Glossary of Terms

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

A handwritten signature in black ink that reads "Jennifer Yeow".

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Selous Creek source at Stanley & Stibbs St.			Sample #	1
Date/Time Sampled	2018-07-11			Matrix	DW
Date/Time on Test	2018-07-11	4:30 PM			Temperature on Receipt
Analyses		Result	Units	RDL	
Coliforms, Total		Less than 1	CFU/100mL	1	
Verified E.coli		Less than 1	CFU/100mL	1	
Fecal (Thermotolerant) Coliforms		Less than 1	CFU/100mL	1	

Glossary of Terms

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-07-17	8:00 AM	Matrix DW

Date/Time on Test 2018-07-17 6:15 PM

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

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-07-17	8:30 AM	Matrix DW

Date/Time on Test 2018-07-17 6:15 PM

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

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-07-17	11:15 AM	Matrix DW

Date/Time on Test 2018-07-17 6:15 PM

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

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-07-17	11:25 AM	Matrix DW

Date/Time on Test 2018-07-17 6:30 PM

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

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-07-17	9:05 AM	Matrix SW

Date/Time on Test 2018-07-17 6:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	greater than 200 est.	CFU/100mL	1
Verified E.coli	6	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	7	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Selous Creek			Sample #	6	
Date/Time Sampled	2018-07-17	11:00 AM	Matrix	DW	Temperature on Receipt	11
Date/Time on Test	2018-07-17	6:30 PM				
<u>Analyses</u>	<u>Result</u>		<u>Units</u>	<u>RDL</u>		
Coliforms, Total	less than 1		CFU/100mL	1		
Verified E.coli	less than 1		CFU/100mL	1		

Glossary of Terms

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson

Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

A handwritten signature in black ink that reads "Jennifer Yeow".

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-07-17	8:00 AM	Matrix DW

Date/Time on Test 2018-07-17 6:15 PM

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

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-07-17	8:30 AM	Matrix DW

Date/Time on Test 2018-07-17 6:15 PM

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

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-07-17	11:15 AM	Matrix DW

Date/Time on Test 2018-07-17 6:15 PM

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

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-07-17	11:25 AM	Matrix DW

Date/Time on Test 2018-07-17 6:30 PM

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

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-07-17	9:05 AM	Matrix SW

Date/Time on Test 2018-07-17 6:30 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	results pending	CFU/100mL	1
Verified E.coli	results pending	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	7	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Selous Creek			Sample #	6	
Date/Time Sampled	2018-07-17	11:00 AM	Matrix	DW	Temperature on Receipt	11
Date/Time on Test	2018-07-17	6:30 PM				
<u>Analyses</u>	<u>Result</u>		<u>Units</u>	<u>RDL</u>		
Coliforms, Total	less than 1		CFU/100mL	1		
Verified E.coli	less than 1		CFU/100mL	1		

Glossary of Terms

<	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



Report# 853
Filename 180719CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Anderson Creek	Sample #	1
Date/Time Sampled	2018-07-19 11:49 AM	Matrix	SW

Date/Time on Test 2018-07-19 2:45 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Comments (Source)

Glossary of Terms

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Jennifer Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Anderson Creek			Sample #	1
Date/Time Sampled	2018-07-20			Matrix	SW
Date/Time on Test	2018-07-20 4:00 PM			Temperature on Receipt	
		<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total		Less than 1	CFU/100mL	1	
Verified E.coli		Less than 1	CFU/100mL	1	
Fecal (Thermotolerant) Coliforms		Lesss than 1	CFU/100mL	1	

Glossary of Terms

<	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 Pubic 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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson

Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

A handwritten signature in black ink that reads "Jennifer Yeow".

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-07-24	8:10 AM	Matrix DW
			Temperature on Receipt 11
Date/Time on Test	2018-07-24	5:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-07-24	8:40 AM	Matrix DW
			Temperature on Receipt 10
Date/Time on Test	2018-07-24	5:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-07-24	8:55 AM	Matrix DW
			Temperature on Receipt 10
Date/Time on Test	2018-07-24	5:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-07-24	9:20 AM	Matrix DW
			Temperature on Receipt 11
Date/Time on Test	2018-07-24	5:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-07-24	11:30 AM	Matrix SW
			Temperature on Receipt 10
Date/Time on Test	2018-07-24	6:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	11	CFU/100mL	1
Verified E.coli	2	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	2	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Selous Creek			Sample #	6
Date/Time Sampled	2018-07-24	10:50 AM	Matrix DW	Temperature on Receipt	9

Date/Time on Test 2018-07-24 6:00 PM

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

Sample Site Anderson Creek Sample # 7

Date/Time Sampled 2018-07-24 9:10 AM Matrix DW Temperature on Receipt 10

Date/Time on Test 2018-07-24 6:00 PM

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

Glossary of Terms

< 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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson

Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

A handwritten signature in black ink that reads "Jennifer Yeow".

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-07-24	8:10 AM	Matrix DW
			Temperature on Receipt 11
Date/Time on Test	2018-07-24	5:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-07-24	8:40 AM	Matrix DW
			Temperature on Receipt 10
Date/Time on Test	2018-07-24	5:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-07-24	8:55 AM	Matrix DW
			Temperature on Receipt 10
Date/Time on Test	2018-07-24	5:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-07-24	9:20 AM	Matrix DW
			Temperature on Receipt 11
Date/Time on Test	2018-07-24	5:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-07-24	11:30 AM	Matrix SW
			Temperature on Receipt 10
Date/Time on Test	2018-07-24	6:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	11	CFU/100mL	1
Verified E.coli	2	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	2	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Selous Creek			Sample #	6
Date/Time Sampled	2018-07-24	10:50 AM	Matrix DW	Temperature on Receipt	9

Date/Time on Test 2018-07-24 6:00 PM

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

Sample Site	Anderson Creek			Sample #	7
-------------	----------------	--	--	----------	---

Date/Time Sampled	2018-07-24	9:10 AM	Matrix DW	Temperature on Receipt	10
-------------------	------------	---------	-----------	------------------------	----

Date/Time on Test 2018-07-24 6:00 PM

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

Glossary of Terms

< 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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Mechelle Babic

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-07-31	8:00 AM	Matrix DW

Date/Time on Test 2018-07-31 6:00 PM

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

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-07-31	9:25 AM	Matrix DW

Date/Time on Test 2018-07-31 6:00 PM

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

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-07-31	11:30 AM	Matrix DW

Date/Time on Test 2018-07-31 6:00 PM

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

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-07-31	11:20 AM	Matrix DW

Date/Time on Test 2018-07-31 6:15 PM

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

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-07-31	9:10 AM	Matrix SW

Date/Time on Test 2018-07-31 6:25 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	greater than 200	CFU/100mL	1
Verified E.coli	1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	2	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Selous Creek source at Stanley & Stibbs St.			Sample #	6
Date/Time Sampled	2018-07-31	8:36 AM	Matrix DW	Temperature on Receipt	8

Date/Time on Test 2018-07-31 6:35 PM

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

Sample Site Anderson Creek Sample # 7

Date/Time Sampled 2018-07-31 10:45 AM Matrix DW Temperature on Receipt 10

Date/Time on Test 2018-07-31 6:40 PM

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

Glossary of Terms

< 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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Lynne Alexander

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-08-07	8:15 AM	Matrix DW
			Temperature on Receipt 15
Date/Time on Test	2018-08-07	5:25 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-08-07	8:30 AM	Matrix DW
			Temperature on Receipt 19
Date/Time on Test	2018-08-07	5:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-08-07	8:55 AM	Matrix DW
			Temperature on Receipt 9
Date/Time on Test	2018-08-07	5:35 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-08-07	8:45 AM	Matrix DW
			Temperature on Receipt 14
Date/Time on Test	2018-08-07	5:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-08-07	9:30 AM	Matrix SW
			Temperature on Receipt 11
Date/Time on Test	2018-08-07	5:50 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	588	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	3	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Selous Creek			Sample #	6
Date/Time Sampled	2018-08-07	9:40 AM	Matrix DW	Temperature on Receipt	9

Date/Time on Test 2018-08-07 5:55 PM

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

Sample Site	Anderson Creek			Sample #	7
Date/Time Sampled	2018-08-07	9:05 AM	Matrix DW	Temperature on Receipt	13

Date/Time on Test 2018-08-07 6:05 PM

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

Comments light background growth

Glossary of Terms

< 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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Lynne Alexander

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Third and Behnsen Streets	Sample #	1
Date/Time Sampled	2018-08-07 11:30 AM	Matrix	DW

Date/Time on Test 2018-08-07 6:05 PM

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

Glossary of Terms

<	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



Report# 904
Filename 180807CN2.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Lynne Alexander

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Third and Behnsen Streets	Sample #	1
Date/Time Sampled	2018-08-07 11:30 AM	Matrix	DW

Date/Time on Test 2018-08-07 6:05 PM

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

Glossary of Terms

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Lynne Alexander

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-08-14	8:10 AM	Matrix DW
Date/Time on Test	2018-08-14	8:00 PM	Temperature on Receipt
Analyses	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-08-14	9:23 AM	Matrix DW
Date/Time on Test	2018-08-14	8:00 PM	Temperature on Receipt
Analyses	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-08-14	11:31 AM	Matrix DW
Date/Time on Test	2018-08-14	8:00 PM	Temperature on Receipt
Analyses	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-08-14	11:17 AM	Matrix DW
Date/Time on Test	2018-08-14	8:00 PM	Temperature on Receipt
Analyses	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-08-14	9:35 AM	Matrix SW
Date/Time on Test	2018-08-14	8:00 PM	Temperature on Receipt
Analyses	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	overgrown coliforms present	CFU/100mL	1
Verified E.coli	1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	3	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Selous Creek			Sample #	6
Date/Time Sampled	2018-08-14	8:38 AM	Matrix DW	Temperature on Receipt	

Date/Time on Test 2018-08-14 8:00 PM

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

Sample Site	Anderson Creek			Sample #	7
Date/Time Sampled	2018-08-14	10:35 AM	Matrix DW	Temperature on Receipt	

Date/Time on Test 2018-08-14 8:00 PM

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

Glossary of Terms

< 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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Lynne Alexander

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	300 Block Third Street	Sample #	1
Date/Time Sampled	2018-08-14 11:00 AM	Matrix	DW

Date/Time on Test 2018-08-14 6:30 PM

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

Glossary of Terms

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-08-21	8:00 AM	Matrix DW

Date/Time on Test 2018-08-21 5:43 AM

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

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-08-21	8:25 AM	Matrix DW

Date/Time on Test 2018-08-21 5:47 AM

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

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-08-21	9:20 AM	Matrix DW

Date/Time on Test 2018-08-21 5:50 AM

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

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-08-21	9:40 AM	Matrix DW

Date/Time on Test 2018-08-21 5:51 AM

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

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-08-21	8:35 AM	Matrix RW

Date/Time on Test 2018-08-21 6:05 AM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	34	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	1	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Selous Creek			Sample #	6
Date/Time Sampled	2018-08-21	8:20 AM	Matrix DW	Temperature on Receipt	9

Date/Time on Test 2018-08-21 6:12 AM

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

Sample Site Anderson Creek Sample # 7

Date/Time Sampled 2018-08-21 11:08 AM Matrix DW Temperature on Receipt 12

Date/Time on Test 2018-08-21 6:13 AM

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

Glossary of Terms

< 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



Report# 960
Filename 180828CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

A handwritten signature in black ink that reads "Jennifer Yeow".

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-08-28	8:05 AM	Matrix DW

Date/Time on Test 2018-08-28 6:10 PM

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

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-08-28	8:30 AM	Matrix DW

Date/Time on Test 2018-08-28 6:15 PM

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

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-08-28	9:00 AM	Matrix DW

Date/Time on Test 2018-08-28 6:20 PM

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

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-08-28	9:20 AM	Matrix DW

Date/Time on Test 2018-08-28 6:25 PM

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

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-08-28	8:45 AM	Matrix SW

Date/Time on Test 2018-08-28 6:35 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	36	CFU/100mL	1
Verified E.coli	20	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Selous Creek			Sample #	6
Date/Time Sampled	2018-08-28	8:25 AM	Matrix DW	Temperature on Receipt	12

Date/Time on Test 2018-08-28 6:40 PM

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

Sample Site	Anderson Creek			Sample #	7
-------------	----------------	--	--	----------	---

Date/Time Sampled	2018-08-28	9:10 AM	Matrix DW	Temperature on Receipt	13
-------------------	------------	---------	-----------	------------------------	----

Date/Time on Test 2018-08-28 6:40 AM

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

Glossary of Terms

< 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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Jennifer Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	500 Gore street	Sample #	1
Date/Time Sampled	2018-08-30 11:45 AM	Matrix	Watermain

Date/Time on Test 2018-08-30 1:20 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Glossary of Terms

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Lynne Alexander

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-09-04	8:20 AM	Matrix DW

Date/Time on Test 2018-09-04 7:00 PM

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

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-09-04	8:45 AM	Matrix DW

Date/Time on Test 2018-09-04 7:10 PM

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

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-09-04	8:55 AM	Matrix DW

Date/Time on Test 2018-09-04 7:10 PM

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

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-09-04	9:20 AM	Matrix DW

Date/Time on Test 2018-09-04 7:10 PM

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

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-09-04	9:30 AM	Matrix RW

Date/Time on Test 2018-09-04 7:10 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	26	CFU/100mL	1
Verified E.coli	2	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	2	CFU/100mL	1

Comments heavy background growth

ANALYTICAL RESULTS

Sample Site	Selous Creek source at Stanley & Stibbs St.			Sample #	6
Date/Time Sampled	2018-09-04	8:35 AM	Matrix DW	Temperature on Receipt	12

Date/Time on Test 2018-09-04 7:10 PM

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

Sample Site elwyn P.R.V (anderson creek) Sample # 7

Date/Time Sampled	2018-09-04	9:10 AM	Matrix DW	Temperature on Receipt	11
-------------------	------------	---------	-----------	------------------------	----

Date/Time on Test 2018-09-04 7:10 PM

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

Glossary of Terms

< 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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

A handwritten signature in black ink that reads "Jennifer Yeow".

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-09-11	7:50 AM	Matrix DW
			Temperature on Receipt 8
Date/Time on Test	2018-09-11	5:25 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-09-11	8:30 AM	Matrix DW
			Temperature on Receipt 10
Date/Time on Test	2018-09-11	5:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-09-11	8:40 AM	Matrix DW
			Temperature on Receipt 8
Date/Time on Test	2018-09-11	5:35 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-09-11	8:50 AM	Matrix DW
			Temperature on Receipt 8
Date/Time on Test	2018-09-11	5:40 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-09-11	9:30 AM	Matrix SW
			Temperature on Receipt 10
Date/Time on Test	2018-09-11	5:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	56	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Selous Creek			Sample #	6
Date/Time Sampled	2018-09-11	9:40 AM	Matrix DW	Temperature on Receipt	8

Date/Time on Test 2018-09-11 5:50 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Sample Site	Anderson Creek			Sample #	7
-------------	----------------	--	--	----------	---

Date/Time Sampled	2018-09-11	9:00 AM	Matrix DW	Temperature on Receipt	7
-------------------	------------	---------	-----------	------------------------	---

Date/Time on Test 2018-09-11 5:55 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Glossary of Terms

< 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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-09-18	8:00 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-09-18	8:21 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-09-18	8:40 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-09-18	8:26 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-09-18	8:50 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-09-18	8:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-09-18	9:20 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-09-18	8:35 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-09-18	9:40 AM	Matrix SW
			Temperature on Receipt 6
Date/Time on Test	2018-09-18	8:55 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	130	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	4	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Selous Creek			Sample #	6
Date/Time Sampled	2018-09-18	8:20 AM	Matrix DW	Temperature on Receipt	6

Date/Time on Test 2018-09-18 9:00 PM

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

Sample Site	Anderson Creek			Sample #	7
-------------	----------------	--	--	----------	---

Date/Time Sampled	2018-09-18	9:10 AM	Matrix DW	Temperature on Receipt	6
-------------------	------------	---------	-----------	------------------------	---

Date/Time on Test 2018-09-18 9:05 PM

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

Glossary of Terms

< 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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-09-25	8:00 AM	Matrix DW
			Temperature on Receipt 10
Date/Time on Test	2018-09-25	5:50 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-09-25	12:00 AM	Matrix DW
			Temperature on Receipt 10
Date/Time on Test	2018-09-25	5:55 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-09-25	9:15 AM	Matrix DW
			Temperature on Receipt 9
Date/Time on Test	2018-09-25	6:00 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-09-25	9:30 AM	Matrix DW
			Temperature on Receipt 11
Date/Time on Test	2018-09-25	6:05 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-09-25	8:55 AM	Matrix SW
			Temperature on Receipt 11
Date/Time on Test	2018-09-25	6:10 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	124	CFU/100mL	1
Verified E.coli	1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	1	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Selous Creek			Sample #	6
Date/Time Sampled	2018-09-25	8:30 AM	Matrix DW	Temperature on Receipt	12

Date/Time on Test 2018-09-25 6:15 PM

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

Sample Site	Anderson Creek			Sample #	7
Date/Time Sampled	2018-09-25	9:20 AM	Matrix DW	Temperature on Receipt	12

Date/Time on Test 2018-09-25 6:20 PM

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

Glossary of Terms

< 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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-10-02	8:00 AM	Matrix DW
			Temperature on Receipt 11
Date/Time on Test	2018-10-02	5:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-10-02	8:15 AM	Matrix DW
			Temperature on Receipt 11
Date/Time on Test	2018-10-02	5:20 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-10-02	8:30 AM	Matrix DW
			Temperature on Receipt 9
Date/Time on Test	2018-10-02	5:25 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-10-02	8:45 AM	Matrix DW
			Temperature on Receipt 12
Date/Time on Test	2018-10-02	5:25 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-10-02	9:30 AM	Matrix SW
			Temperature on Receipt 10
Date/Time on Test	2018-10-02	5:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	220	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Anderson Creek			Sample #	6	
Date/Time Sampled	2018-10-02	9:00 AM	Matrix	DW	Temperature on Receipt	8
Date/Time on Test	2018-10-02 5:35 PM					
<u>Analyses</u>	<u>Result</u>		<u>Units</u>	<u>RDL</u>		
Coliforms, Total	less than 1		CFU/100mL	1		
Verified E.coli	less than 1		CFU/100mL	1		

Glossary of Terms

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Jennifer Yeow

Jennifer Yeow,
Lab Manager

A handwritten signature in black ink that reads "Jennifer Yeow".

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	400 Gore St	Sample #	1
Date/Time Sampled	2018-10-05	1:00 PM	Matrix DW

Date/Time on Test 2018-10-05 4:00 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	Less than 1	CFU/100mL	1
Verified E.coli	Less than 1	CFU/100mL	1

Glossary of Terms

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Lynne Alexander

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1	
Date/Time Sampled	2018-10-09	Matrix	DW	
Date/Time on Test	2018-10-09	4:40 PM	Temperature on Receipt	13
Analyses	<u>Result</u>	<u>Units</u>	<u>RDL</u>	
Coliforms, Total	less than 1	CFU/100mL	1	
Verified E.coli	less than 1	CFU/100mL	1	
Sample Site	Interior Health I.H.A	Sample #	2	
Date/Time Sampled	2018-10-09	Matrix	DW	
Date/Time on Test	2018-10-09	4:40 PM	Temperature on Receipt	12
Analyses	<u>Result</u>	<u>Units</u>	<u>RDL</u>	
Coliforms, Total	less than 1	CFU/100mL	1	
Verified E.coli	less than 1	CFU/100mL	1	
Sample Site	Nelson Car Wash	Sample #	3	
Date/Time Sampled	2018-10-09	Matrix	DW	
Date/Time on Test	2018-10-09	4:40 PM	Temperature on Receipt	14
Analyses	<u>Result</u>	<u>Units</u>	<u>RDL</u>	
Coliforms, Total	less than 1	CFU/100mL	1	
Verified E.coli	less than 1	CFU/100mL	1	
Sample Site	Mnt Lakes Seniors	Sample #	4	
Date/Time Sampled	2018-10-09	Matrix	DW	
Date/Time on Test	2018-10-09	4:45 PM	Temperature on Receipt	13
Analyses	<u>Result</u>	<u>Units</u>	<u>RDL</u>	
Coliforms, Total	less than 1	CFU/100mL	1	
Verified E.coli	less than 1	CFU/100mL	1	
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5	
Date/Time Sampled	2018-10-09	Matrix	SW	
Date/Time on Test	2018-10-09	4:45 PM	Temperature on Receipt	13
Analyses	<u>Result</u>	<u>Units</u>	<u>RDL</u>	
Coliforms, Total	169	CFU/100mL	1	
Verified E.coli	4	CFU/100mL	1	
Fecal (Thermotolerant) Coliforms	4	CFU/100mL	1	

ANALYTICAL RESULTS

Sample Site	Anderson Creek	Sample #	6	
Date/Time Sampled	2018-10-09	Matrix	DW	
Date/Time on Test	2018-10-09	4:50 PM	Temperature on Receipt	12
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	
Coliforms, Total	less than 1	CFU/100mL	1	
Verified E.coli	less than 1	CFU/100mL	1	

Glossary of Terms

<	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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson

Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-10-16	11:25 AM	Matrix DW

Date/Time on Test 2018-10-16 5:30 PM

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

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-10-16	11:00 AM	Matrix DW

Date/Time on Test 2018-10-16 5:35 PM

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

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-10-16	10:15 AM	Matrix DW

Date/Time on Test 2018-10-16 5:45 PM

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

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-10-16	10:40 AM	Matrix DW

Date/Time on Test 2018-10-16 5:50 PM

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

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-10-16	9:45 AM	Matrix SW

Date/Time on Test 2018-10-16 5:55 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	72	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Anderson Creek			Sample #	6
Date/Time Sampled	2018-10-16	10:30 AM	Matrix DW	Temperature on Receipt	
Date/Time on Test	2018-10-16	6:00 PM			
<u>Analyses</u>	<u>Result</u>		<u>Units</u>	<u>RDL</u>	
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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-10-23	8:10 AM	Matrix DW

Date/Time on Test 2018-10-23 4:30 PM

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

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-10-23	8:36 AM	Matrix DW

Date/Time on Test 2018-10-23 4:30 PM

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

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-10-23	8:50 AM	Matrix DW

Date/Time on Test 2018-10-23 4:35 PM

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

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-10-23	9:00 AM	Matrix DW

Date/Time on Test 2018-10-23 4:40 PM

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

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-10-23	9:27 AM	Matrix SW

Date/Time on Test 2018-10-23 4:45 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	67	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1

ANALYTICAL RESULTS

Sample Site	Anderson Creek			Sample #	6
Date/Time Sampled	2018-10-23	9:10 AM	Matrix DW	Temperature on Receipt	
Date/Time on Test	2018-10-23	4:50 PM			
<u>Analyses</u>	<u>Result</u>		<u>Units</u>	<u>RDL</u>	
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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-10-30	7:50 AM	Matrix DW

Date/Time on Test 2018-10-30 6:00 PM

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

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-10-30	8:20 AM	Matrix DW

Date/Time on Test 2018-10-30 6:05 PM

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

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-10-30	8:50 AM	Matrix DW

Date/Time on Test 2018-10-30 6:10 PM

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

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-10-30	8:40 AM	Matrix DW

Date/Time on Test 2018-10-30 6:10 PM

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

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-10-30	9:10 AM	Matrix SW

Date/Time on Test 2018-10-30 6:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	62	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1

ANALYTICAL RESULTS**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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-11-06	8:45 AM	Matrix DW

Date/Time on Test 2018-11-06 4:35 PM

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

Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-11-06	9:00 AM	Matrix DW

Date/Time on Test 2018-11-06 4:40 PM

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

Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-11-06	9:07 AM	Matrix DW

Date/Time on Test 2018-11-06 4:45 PM

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

Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-11-06	9:20 AM	Matrix DW

Date/Time on Test 2018-11-06 4:50 PM

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

Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-11-06	9:34 AM	Matrix SW

Date/Time on Test 2018-11-06 4:50 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	272	CFU/100mL	1
Verified E.coli	4	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	4	CFU/100mL	1

ANALYTICAL RESULTS**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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-11-13	9:30 AM	Matrix DW

Date/Time on Test 2018-11-13 6:05 PM

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

Sample Site Interior Health I.H.A Sample # 2

Date/Time Sampled 2018-11-13 9:11 AM Matrix DW Temperature on Receipt 9

Date/Time on Test 2018-11-13 6:10 PM

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

Sample Site Nelson Car Wash Sample # 3

Date/Time Sampled 2018-11-13 8:07 AM Matrix DW Temperature on Receipt 9

Date/Time on Test 2018-11-13 6:15 PM

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

Sample Site Mnt Lakes Seniors Sample # 4

Date/Time Sampled 2018-11-13 7:54 AM Matrix DW Temperature on Receipt 8

Date/Time on Test 2018-11-13 6:20 PM

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

Sample Site Mtn. Station Reservoir - Raw Sample # 5

Date/Time Sampled 2018-11-13 8:45 AM Matrix SW Temperature on Receipt 9

Date/Time on Test 2018-11-13 6:25 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	46	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1

ANALYTICAL RESULTS**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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-11-20	8:07 AM	Matrix DW

Date/Time on Test 2018-11-20 4:00 PM

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

Sample Site Interior Health I.H.A Sample # 2

Date/Time Sampled 2018-11-20 8:31 AM Matrix DW Temperature on Receipt 6

Date/Time on Test 2018-11-20 4:05 PM

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

Sample Site Nelson Car Wash Sample # 3

Date/Time Sampled 2018-11-20 8:43 AM Matrix DW Temperature on Receipt 6

Date/Time on Test 2018-11-20 4:10 PM

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

Sample Site Mnt Lakes Seniors Sample # 4

Date/Time Sampled 2018-11-20 8:54 AM Matrix DW Temperature on Receipt 6

Date/Time on Test 2018-11-20 4:10 PM

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

Sample Site Mtn. Station Reservoir - Raw Sample # 5

Date/Time Sampled 2018-11-20 9:10 AM Matrix SW Temperature on Receipt 8

Date/Time on Test 2018-11-20 4:15 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	33	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1

ANALYTICAL RESULTS**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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-11-27	8:30 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-11-27	8:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-11-27	9:00 AM	Matrix DW
			Temperature on Receipt 5
Date/Time on Test	2018-11-27	8:35 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-11-27	9:35 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-11-27	8:40 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-11-27	9:20 AM	Matrix DW
			Temperature on Receipt 7
Date/Time on Test	2018-11-27	8:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-11-27	11:45 AM	Matrix SW
			Temperature on Receipt 6
Date/Time on Test	2018-11-27	8:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	17	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1

ANALYTICAL RESULTS**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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-12-04	8:00 AM	Matrix DW
			Temperature on Receipt 7
Date/Time on Test	2018-12-04	5:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-12-04	8:15 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-12-04	5:35 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-12-04	8:45 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-12-04	5:40 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-12-04	9:00 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-12-04	5:45 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-12-04	10:45 AM	Matrix SW
			Temperature on Receipt 6
Date/Time on Test	2018-12-04	5:50 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	48	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1

ANALYTICAL RESULTS**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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson
Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-12-11	8:10 AM	Matrix DW
			Temperature on Receipt 7
Date/Time on Test	2018-12-11	5:20 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-12-11	8:30 AM	Matrix DW
			Temperature on Receipt 7
Date/Time on Test	2018-12-11	5:25 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-12-11	8:45 AM	Matrix DW
			Temperature on Receipt 7
Date/Time on Test	2018-12-11	5:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-12-11	9:00 AM	Matrix DW
			Temperature on Receipt 9
Date/Time on Test	2018-12-11	5:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-12-11	9:15 AM	Matrix SW
			Temperature on Receipt 8
Date/Time on Test	2018-12-11	5:40 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	16	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1

ANALYTICAL RESULTS**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



4240 Passmore Upper Road, Winlaw BC, V0G2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Client City of Nelson

Attention Martin Grill

CERTIFICATE OF ANALYSIS

<u>Analyses</u>	<u>Method Description</u>	<u>Reference</u>
Total Coliforms	Membrane Filtration on LES Endo medium	APHA 9222B
E. coli	MF Partition on NA-MUG medium	APHA 9222I
Fecal Coliforms	Membrane Filtration on mFC medium	APHA 9222D

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 23rd Edition, 2017 published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Zach Yeow

Jennifer Yeow,
Lab Manager

Please call or Email for with any questions, feedback, or more information

ANALYTICAL RESULTS

Sample Site	Rosemont Res.	Sample #	1
Date/Time Sampled	2018-12-18	7:40 AM	Matrix DW
			Temperature on Receipt 5
Date/Time on Test	2018-12-18	5:15 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Interior Health I.H.A	Sample #	2
Date/Time Sampled	2018-12-18	8:27 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-12-18	5:20 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Nelson Car Wash	Sample #	3
Date/Time Sampled	2018-12-18	9:07 AM	Matrix DW
			Temperature on Receipt 6
Date/Time on Test	2018-12-18	5:25 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mnt Lakes Seniors	Sample #	4
Date/Time Sampled	2018-12-18	8:51 AM	Matrix DW
			Temperature on Receipt 4
Date/Time on Test	2018-12-18	5:25 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	less than 1	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Sample Site	Mtn. Station Reservoir - Raw	Sample #	5
Date/Time Sampled	2018-12-18	8:34 AM	Matrix SW
			Temperature on Receipt 5
Date/Time on Test	2018-12-18	5:30 PM	
<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	15	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1

ANALYTICAL RESULTS**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