



CITY OF NELSON

# 2018 Annual Drinking Water Quality Report

*City of*  
**NELSON**



Chris Gainham, Manager of Municipal Services

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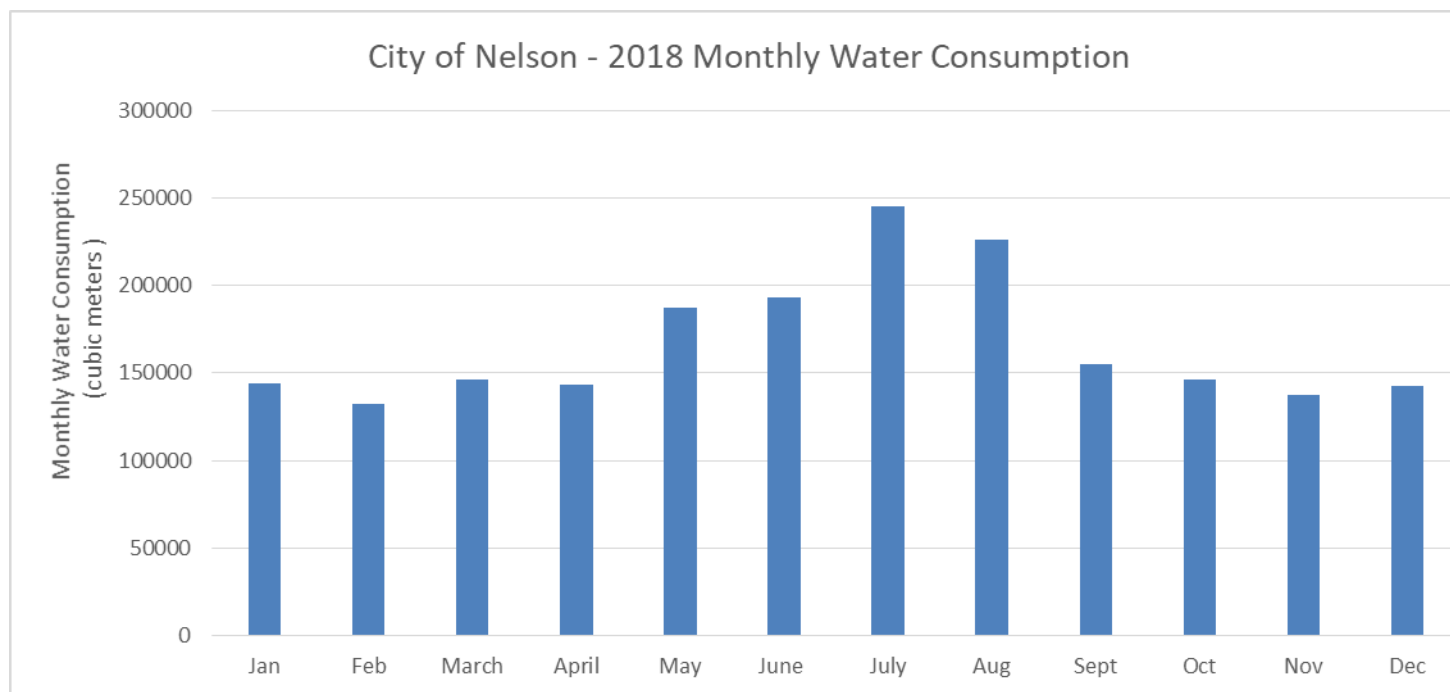
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## **Introduction**

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**

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

## **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	✗
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	✗	✗
Washing personal Vehicles **	✓ with a handheld shut-off nozzle	✓ with a handheld shut-off nozzle	✓ with a handheld shut-off nozzle	✗
Filling of fountains, pools, hot tubs, or garden ponds	✓	✓	✓	✗
Watering new sod or grass outside of the permitted restrictions ***	PERMIT REQUIRED	PERMIT REQUIRED	✗	✗

\* 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.

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

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

Client City of Nelson

Attention Martin Grill

Date 2018-01-02

Report # 180103CN

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	



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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

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Client City of Nelson  
Attention Martin Grill  
Date 2018-01-09

Report # 180109CN

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	

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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

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Client City of Nelson  
Attention Martin Grill  
Date 2018-01-16

Report # 180116CN

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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

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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

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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

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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

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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

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

Client City of Nelson  
Attention Martin Grill  
Date 2018-01-23

Report # 180123CN

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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

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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

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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

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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

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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

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

Client City of Nelson  
Attention Martin Grill  
Date 2018-01-30

Report # 180130CN

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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

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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

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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

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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

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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

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\*Colony forming units per 100ml

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

Client City of Nelson  
Attention Martin Grill  
Date 2018-02-06

Report # 180206CN

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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

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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

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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

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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

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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

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\*Colony forming units per 100ml

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



Report# 511  
Filename 180213CN.pdf

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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

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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	

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ANALYTICAL RESULTS

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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

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References



Report# 527  
Filename 180220CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0  
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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

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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	Temperature on Receipt	6

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	Temperature on Receipt	5

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	Temperature on Receipt	6

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	Temperature on Receipt	6

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	Temperature on Receipt	5

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



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**ANALYTICAL RESULTS**

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**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

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**References**



Report# 538  
Filename 180227CN.pdf

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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	Temperature on Receipt	7
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	Temperature on Receipt	7
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	Temperature on Receipt	5
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	Temperature on Receipt	5
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	Temperature on Receipt	6
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	

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**ANALYTICAL RESULTS**

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**Glossary of Terms**

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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

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**References**



Report# 553  
Filename 180306CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0  
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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.

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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	Temperature on Receipt	8

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	Temperature on Receipt	7

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	Temperature on Receipt	8

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	Temperature on Receipt	4

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	Temperature on Receipt	7

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 6

Date/Time on Test	2018-03-06	4:30 PM
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<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**



Report# 570  
Filename 180313CN.pdf

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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.

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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	Temperature on Receipt	8
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	Temperature on Receipt	7
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	Temperature on Receipt	6
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	Temperature on Receipt	7
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	Temperature on Receipt	8
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	

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**ANALYTICAL RESULTS**

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**Glossary of Terms**

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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

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**References**



Report# 582  
Filename 180320CN.pdf

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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.

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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	

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ANALYTICAL RESULTS

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Glossary of Terms

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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

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References



Report# 594  
Filename 180327CN.pdf

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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.

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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	Temperature on Receipt	6
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	Temperature on Receipt	6
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	Temperature on Receipt	6
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	Temperature on Receipt	7
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	Temperature on Receipt	6
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	

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ANALYTICAL RESULTS

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Glossary of Terms

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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

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References





Report# 608  
Filename 180403CN.pdf

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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.

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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	Temperature on Receipt	7
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	Temperature on Receipt	7
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	Temperature on Receipt	8
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	Temperature on Receipt	7
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	Temperature on Receipt	8
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	

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ANALYTICAL RESULTS

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Glossary of Terms

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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

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References



Report# 624  
Filename 180410CN.pdf

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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
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<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# 643  
Filename 180418CN.pdf

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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.

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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	Temperature on Receipt	7
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	Temperature on Receipt	7
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	Temperature on Receipt	7
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	Temperature on Receipt	8
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	Temperature on Receipt	8
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	



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**ANALYTICAL RESULTS**

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**Glossary of Terms**

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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

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**References**



Report# 655  
Filename 180424CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0  
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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.

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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	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	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	

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ANALYTICAL RESULTS

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Glossary of Terms

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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

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References



Report# 667  
Filename 180501CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0  
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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.

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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	Temperature on Receipt	6

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	Temperature on Receipt	7

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	Temperature on Receipt	7

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	Temperature on Receipt	7

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	Temperature on Receipt	8

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

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ANALYTICAL RESULTS

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Glossary of Terms

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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

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References



Report# 679  
Filename 180508CN.pdf

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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.

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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	Temperature on Receipt	8
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	Temperature on Receipt	6
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	Temperature on Receipt	7
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	Temperature on Receipt	6
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	Temperature on Receipt	7
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	

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ANALYTICAL RESULTS

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Glossary of Terms

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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

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References

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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.

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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	Temperature on Receipt	10
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	Temperature on Receipt	11
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	Temperature on Receipt	9
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	Temperature on Receipt	12
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	Temperature on Receipt	11
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	

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ANALYTICAL RESULTS

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Glossary of Terms

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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

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References



Report# 711  
Filename 180522CN.pdf

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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.

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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	Temperature on Receipt	8
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	

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**ANALYTICAL RESULTS**

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**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

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**References**





Report# 725  
Filename 180529CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0  
250-226-7339  
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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.

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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	

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ANALYTICAL RESULTS

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Glossary of Terms

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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

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References



Report# 745  
Filename 180605CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0  
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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.

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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	

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ANALYTICAL RESULTS

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Glossary of Terms

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Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

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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.

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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	Temperature on Receipt	7
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

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CFU/100mL	Colony Forming Units per 100 milliliters
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RDL	Reportable Detection Limit

### References





Report# 760  
Filename 180612CN.pdf

4240 Passmore Upper Road, Winlaw BC, V0G2J0  
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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.

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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	

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**ANALYTICAL RESULTS**

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**Glossary of Terms**

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RDL	Reportable Detection Limit

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**References**



Report# 779  
Filename 180619CN.pdf

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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.

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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	

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ANALYTICAL RESULTS

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Glossary of Terms

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---

References

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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.

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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	Temperature on Receipt	8
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	Temperature on Receipt	8
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	Temperature on Receipt	8
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	Temperature on Receipt	8
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	Temperature on Receipt	8
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	



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ANALYTICAL RESULTS

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Glossary of Terms

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RDL	Reportable Detection Limit

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References

4240 Passmore Upper Road, Winlaw BC, V0G2J0

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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.

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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	Temperature on Receipt	10
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	Temperature on Receipt	12
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	Temperature on Receipt	11
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	Temperature on Receipt	10
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	Temperature on Receipt	11
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	

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ANALYTICAL RESULTS

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References



Report# 816  
Filename 180706CN.pdf

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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.

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Processed by: Mechelle Babic

Jennifer Yeow,  
Lab Manager

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 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**



Report# 817  
Filename 180706CN2.pdf

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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.

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Processed by: Mechelle Babic

Jennifer Yeow,  
Lab Manager

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**





Report# 817  
Filename 180706CN2.pdf

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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.

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Processed by: Mechelle Babic

Jennifer Yeow,  
Lab Manager

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



Report# 824  
Filename 180710CN.pdf

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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.

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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	

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ANALYTICAL RESULTS

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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

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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.

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Processed by: Mechelle Babic

Jennifer Yeow,  
Lab Manager

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	Temperature on Receipt	8
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**

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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.

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Processed by: Mechelle Babic

Jennifer Yeow,  
Lab Manager

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**ANALYTICAL RESULTS**

Sample Site	Selous Creek source at Stanley & Stibbs St.			Sample #	1
Date/Time Sampled	2018-07-11	Matrix	DW	Temperature on Receipt	15
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	
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**

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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.

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Processed by: Mechelle Babic

Jennifer Yeow,  
Lab Manager

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## ANALYTICAL RESULTS

Sample Site	Rosemont Res.				Sample #	1
Date/Time Sampled	2018-07-17	8:00 AM	Matrix	DW	Temperature on Receipt	10
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	Temperature on Receipt	10
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	Temperature on Receipt	11
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	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

Sample Site	Mtn. Station Reservoir - Raw				Sample #	5
Date/Time Sampled	2018-07-17	9:05 AM	Matrix	SW	Temperature on Receipt	10
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

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APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

## References

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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

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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	Temperature on Receipt	10
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	Temperature on Receipt	10
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	Temperature on Receipt	11
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	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	

Sample Site	Mtn. Station Reservoir - Raw			Sample #	5
Date/Time Sampled	2018-07-17	9:05 AM	Matrix SW	Temperature on Receipt	10
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**

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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

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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.

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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	Temperature on Receipt 15
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**

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APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

**References**

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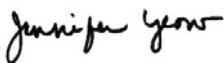
## CERTIFICATE OF ANALYSIS

<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.

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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	Temperature on Receipt 10
Date/Time on Test	2018-07-20	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
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

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Client City of Nelson

Attention Martin Grill

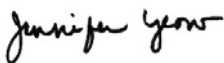
## CERTIFICATE OF ANALYSIS

<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.

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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	2018-07-24	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

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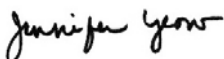
## CERTIFICATE OF ANALYSIS

<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

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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	2018-07-24	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**

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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.

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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	Temperature on Receipt	10
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	Temperature on Receipt	10
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	Temperature on Receipt	10
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	Temperature on Receipt	8
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	Temperature on Receipt	10
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

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APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

### References

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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

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Processed by: Lynne Alexander

Jennifer Yeow,  
Lab Manager

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## 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

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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

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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

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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	Temperature on Receipt 11
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

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APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

### References



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#### 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

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Jennifer Yeow,  
Lab Manager

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### ANALYTICAL RESULTS

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

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

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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
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## 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

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Processed by: Lynne Alexander

Jennifer Yeow,  
Lab Manager

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## ANALYTICAL RESULTS

Sample Site	Rosemont Res.				Sample #	1
Date/Time Sampled	2018-08-14	8:10 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	Interior Health I.H.A				Sample #	2
Date/Time Sampled	2018-08-14	9:23 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	Nelson Car Wash				Sample #	3
Date/Time Sampled	2018-08-14	11:31 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	Mnt Lakes Seniors				Sample #	4
Date/Time Sampled	2018-08-14	11:17 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	Mtn. Station Reservoir - Raw				Sample #	5
Date/Time Sampled	2018-08-14	9:35 AM	Matrix	SW	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		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



Report# 922  
Filename 180814CN2.pdf

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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.

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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	Temperature on Receipt 13
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

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APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

### References



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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

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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	Temperature on Receipt	10
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	Temperature on Receipt	11
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	Temperature on Receipt	10
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	Temperature on Receipt	9
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	Temperature on Receipt	12
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

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APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

### References



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Filename 180828CN.pdf

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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.

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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	2018-08-28	8:05 AM	Matrix DW	Temperature on Receipt	13

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	Temperature on Receipt	12

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	Temperature on Receipt	12

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	Temperature on Receipt	13

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	Temperature on Receipt	12

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

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APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

### References



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Filename 180830CN.pdf

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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.

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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	Temperature on Receipt 14

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

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APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

### References



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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.

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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	Temperature on Receipt	13
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	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	

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

Sample Site	Mnt Lakes Seniors			Sample #	4
Date/Time Sampled	2018-09-04	9:20 AM	Matrix DW	Temperature on Receipt	13
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	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		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

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APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

### References



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Filename 180911CN.pdf

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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

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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	2018-09-11	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

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APHA	American Public Health Association
CFU/100mL	Colony Forming Units per 100 milliliters
Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

### References

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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.

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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



Report# 1036  
Filename 180925CN.pdf

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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.

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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

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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.

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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



Report# 1063  
Filename 181005CN.pdf

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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.

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Processed by: Jennifer Yeow

Jennifer Yeow,  
Lab Manager

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	Temperature on Receipt
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**

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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.

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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	Temperature on Receipt	13
Date/Time on Test	2018-10-09	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	2018-10-09	Matrix	DW	Temperature on Receipt	12
Date/Time on Test	2018-10-09	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	2018-10-09	Matrix	DW	Temperature on Receipt	14
Date/Time on Test	2018-10-09	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	Mnt Lakes Seniors			Sample #	4
Date/Time Sampled	2018-10-09	Matrix	DW	Temperature on Receipt	13
Date/Time on Test	2018-10-09	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	Mtn. Station Reservoir - Raw			Sample #	5
Date/Time Sampled	2018-10-09	Matrix	SW	Temperature on Receipt	13
Date/Time on Test	2018-10-09	4:45 PM			
<u>Analyses</u>		<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
		Temperature on Receipt	12

Date/Time on Test	2018-10-09	4:50 PM
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<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# 1084  
Filename 181016CN.pdf

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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.

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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	Temperature on Receipt	12
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	Temperature on Receipt	12
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	Temperature on Receipt	12
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	Temperature on Receipt	11
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	Temperature on Receipt	12
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	11
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**



Report# 1110  
Filename 181023CN.pdf

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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

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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	Temperature on Receipt	8
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	Temperature on Receipt	8
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	Temperature on Receipt	9
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	Temperature on Receipt	8
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	Temperature on Receipt	9
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 8
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**

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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.

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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	Temperature on Receipt	8
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	Temperature on Receipt	7
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	Temperature on Receipt	7
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	Temperature on Receipt	7
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	Temperature on Receipt	6
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	

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ANALYTICAL RESULTS

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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

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References



Report# 1133  
Filename 181106CN.pdf

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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.

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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	Temperature on Receipt	8
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	Temperature on Receipt	8
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	Temperature on Receipt	8
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	Temperature on Receipt	8
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	Temperature on Receipt	8
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	

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**ANALYTICAL RESULTS**

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**Glossary of Terms**

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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

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**References**





Report# 1145  
Filename 181113CN.pdf

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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.

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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	Temperature on Receipt	9
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	

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ANALYTICAL RESULTS

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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

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References

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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.

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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	Temperature on Receipt	5
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	

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ANALYTICAL RESULTS

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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

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References



Report# 1182  
Filename 181127CN.pdf

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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.

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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	



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ANALYTICAL RESULTS

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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

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References

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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

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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>RD</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>RD</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>RD</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>RD</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>RD</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		

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ANALYTICAL RESULTS

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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

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References

4240 Passmore Upper Road, Winlaw BC, V0G2J0

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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	

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ANALYTICAL RESULTS

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Glossary of Terms

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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

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References



Report# 1233  
Filename 181218CN.pdf

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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.

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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	

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ANALYTICAL RESULTS

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Glossary of Terms

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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

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References