

Date: 12-OCT-17 PO No.: 0000132962 WO No.: L1999375

LSD:

Project Ref:

Sample ID: TEMP 171 FS

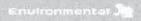
Sampled By:

Fountain no longer in service

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-8

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyze
Total Metals Lead (Pb)-Total	0.000628		mg/L	0.01		05-OCT-
DWQG = Health Canada Guideline Limits updated CDWQG for Nitrate+Nitrite-N is the limit for nitrate only. Furbidity guideline based on membrane filtration. For gummary Table of Guidelines for Canadian Drinking Wate A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQG	uidelines on co er Quality	litrate then the lin	ent and slow sand			ase see
Approved by Heather McKenzie Account Manager	=					
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Date: 12-OCT-17
PO No.: 0000132962
WO No.: L1999375

LSD: Project Ref:

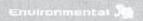
Sample ID: TEMP 125 BOB

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-9

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyzed
Total Metals Lead (Pb)-Total	0.000339		mg/L	0.01		05-OCT-1
DWQG = Health Canada Guideline Limits updated	DECEMBER	2015				
CDWQG for Nitrate+Nitrite-N is the limit for nitrate only. Furbidity guideline based on membrane filtration. For gummary Table of Guidelines for Canadian Drinking Wat A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQ0	juidelines on cor ter Quality	ventional treatm	ent and slow sand	N.D. = less than de l or diatomaceous e	tection limit. arth filtration ple	ase see
Approved by Heather McKenzie	_					
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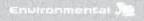
Sample ID: TEMP WA

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-10

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyzed
Total Metals Lead (Pb)-Total	<0.000050		mg/L	0.01		05-OCT-1
DWQG = Health Canada Guideline Limits updated CDWQG for Nitrate+Nitrite-N is the limit for nitrate only Turbidity guideline based on membrane filtration. For ummary Table of Guidelines for Canadian Drinking Washiah bank entry designates no known limit. A shaded value in the Results column exceeds CDWG	guidelines on con ater Quality	litrate then the lit nventional treatm	ent and slow sand	I.D. = less than de or diatomaceous ∈	tection limit. earth filtration ple	ase see
Approved by Heather McKenzie Account Manager						
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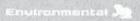
Sample ID: TEMP 120 BOB

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-11

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyze
Total Metals Lead (Pb)-Total	0.00847		mg/L	0.01		05-OCT-1
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DWQG = Health Canada Guideline Limits updated CDWQG for Nitrate+Nitrite-N is the limit for nitrate only.	DECEMBER If present as N	litrate then the li	mit is 10mg/L < or N	I.D. = less than de	tection limit.	
Turbidity guideline based on membrane filtration. For g ummary Table of Guidelines for Canadian Drinking Wal A blank entry designates no known limit.	uidelines on cor er Quality	nventional treatm	ent and slow sand	or diatomaceous e	arth filtration ple	ase see
A shaded value in the Results column exceeds CDWQ	3 MAC and/ or /	Aesthetic Objecti	ve.			
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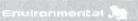
Sample ID: TEMP 109 DF

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-12

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyzed
Total Metals						
Lead (Pb)-Total	0.00500	1 × 8	mg/L	0.01		05-OCT-1
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DWQG = Health Canada Guideline Limits update						
CDWQG for Nitrate+Nitrite-N is the limit for nitrate Turbidity guideline based on membrane filtration. For Summary Table of Guidelines for Canadian Drinking A blank entry designates no known limit. A shaded value in the Results column exceeds CD	or guidelines on co Water Quality	nventional treatm	nent and slow sand	N.D. = less than de or diatomaceous e	tection limit. arth filtration ple	ease see
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Approved by Melengi						
Heather McKenzie						
Account Manager	1					
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VANCOUVER SCHOOL BOARD Maintenance and Construction 1549 Clark Drive

Vancouver BC V5L 3L4

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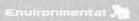
Sample ID: TEMP 137 D

Sampled By:

Date Collected: 27-SEP-17 **Lab Sample ID:** L1999375-13

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyze
Total Metals	7.					
Lead (Pb)-Total	0.00213		mg/L	0.01		05-OCT-
5						
DWQG = Health Canada Guideline Limits updated	DECEMBER	2015				
CDWQG for Nitrate+Nitrite-N is the limit for nitrate only. Turbidity guideline based on membrane filtration. For g ummary Table of Guidelines for Canadian Drinking Wal A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQ0	uidelines on col ter Quality	nventional treatm	ent and slow sand	N.D. = less than de or diatomaceous e	tection limit. arth filtration ple	ase see
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Heather McKenzie Account Manager	 -					
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Date: 12-OCT-17 PO No.: 0000132962 WO No.: L1999375

LSD: Project Ref:

Sample ID: TEMP 314 DF

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-14

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyzed
Total Metals						
Lead (Pb)-Total	0.00247		mg/L	0.01		05-OCT-1
WQG = Health Canada Guideline Limits updated	DECEMBER	2015		1		
DWQG for Nitrate+Nitrite-N is the limit for nitrate only urbidity guideline based on membrane filtration. For mmary Table of Guidelines for Canadian Drinking Wablank entry designates no known limit. shaded value in the Results column exceeds CDWQ	guidelines on cor iter Quality	nventional treatm	ent and slow sand	or diatomaceous e	arth filtration ple	ease see
pproved by MKenzi	_					
Heather McKenzie Account Manager						
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Date: 12-OCT-17 PO No.: 0000132962 WO No.: L1999375

LSD: Project Ref:

Sample ID: TEMP 317 DF

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-15

Matrix: Water

Lead (Pb)-Total CDWQG = Health Canada Guideline Limits updated CDWQG for Nitrate+Nitrite-N is the limit for nitrate only. If present as Nitrate*Turbidity guideline based on membrane filtration. For guidelines on conversummary Table of Guidelines for Canadian Drinking Water Quality A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQG MAC and/ or Aest Approved by Heather McKenzie Account Manager	te then the limit is 10m ntional treatment and s	mg/L < or N.D. = le	o.01 ess than detection limaceous earth filtra	imit.
CDWQG for Nitrate+Nitrite-N is the limit for nitrate only. If present as Nitra Turbidity guideline based on membrane filtration. For guidelines on convergummary Table of Guidelines for Canadian Drinking Water Quality A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQG MAC and/ or Aest Approved by Heather McKenzie	te then the limit is 10m ntional treatment and s	mg/L < or N.D. = le slow sand or diator	ess than detection li maceous earth filtra	imit. ation please see
Heather McKenzie				
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Date: 12-OCT-17 PO No.: 0000132962 WO No.: L1999375

LSD: Project Ref:

Sample ID: TEMP 213 DF

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-16

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyze
Total Metals						
Lead (Pb)-Total	0.00285		mg/L	0.01		05-OCT-1
DWQG = Health Canada Guideline Limits updated	DECEMBER	2015				
CDWQG for Nitrate+Nitrite-N is the limit for nitrate only furbidity guideline based on membrane filtration. For gummary Table of Guidelines for Canadian Drinking Wall blank entry designates no known limit. A shaded value in the Results column exceeds CDWQ	If present as Nuidelines on coller Quality	Nitrate then the lin	ent and slow sand	N.D. = less than de or diatomaceous e	tection limit. Parth filtration ple	ase see
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Date: 12-OCT-17 PO No.: 0000132962 WO No.: L1999375

LSD: Project Ref:

Sample ID: TEMP 162 DF

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-17

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyze
Total Metals						
Lead (Pb)-Total	0.00270		mg/L	0.01		05-OCT-
DWQG = Health Canada Guideline Limits updated	DECEMBER	2015				
CDWQG for Nitrate+Nitrite-N is the limit for nitrate only furbidity guideline based on membrane filtration. For our summary Table of Guidelines for Canadian Drinking Wand A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQ	guidelines on cor ter Quality	ventional treatm	ent and slow sand o	.D. = less than de or diatomaceous e	tection limit. arth filtration ple	ase see
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Date: 12-OCT-17 PO No.: 0000132962 WO No.: L1999375

LSD: Project Ref:

Sample ID: TEMP 129 BUB

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-18

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyze
Total Metals						
Lead (Pb)-Total	0.00359		mg/L	0.01		05-OCT-
DWQG = Health Canada Guideline Limits update	d DECEMBER	2015			<u> </u>	
CDWQG for Nitrate+Nitrite-N is the limit for nitrate of urbidity guideline based on membrane filtration. Firmmary Table of Guidelines for Canadian Drinking blank entry designates no known limit. Shaded value in the Results column exceeds CDV	only. If present as N or guidelines on co Water Quality	nventional treatm	ent and slow sand	N.D. = less than de or diatomaceous e	tection limit. arth filtration ple	ase see
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Heather McKenzie Account Manager	ř					





Date: 12-OCT-17 PO No.: 0000132962 WO No.: L1999375

LSD: Project Ref:

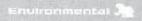
Sample ID: TEMP 185 FS

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-19

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyze
Total Metals						
Lead (Pb)-Total	<0.000050		mg/L	0.01		05-OCT-
DWQG = Health Canada Guideline Limits updated	DECEMBER	2015				
CDWQG for Nitrate+Nitrite-N is the limit for nitrate or Turbidity guideline based on membrane filtration. Fo ummary Table of Guidelines for Canadian Drinking V A blank entry designates no known limit. A shaded value in the Results column exceeds CDW	or guidelines on con Vater Quality	ventional treatm	ent and slow sand	N.D. = less than de or diatomaceous e	tection limit. earth filtration ple	ase see
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Approved by Heather McKenzie						
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Date: 12-OCT-17 PO No.: 0000132962 WO No.: L1999375

LSD: Project Ref:

Sample ID: TEMP 126 BUB

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-20

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyzed
Total Metals Lead (Pb)-Total	0.00614		mg/L	0.01		05-OCT-1
CDWQG = Health Canada Guideline Limits updated CDWQG for Nitrate+Nitrite-N is the limit for nitrate only. Turbidity guideline based on membrane filtration. For guarmany Table of Guidelines for Canadian Drinking Wate A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQG	uidelines on cor er Quality	itrate then the lin	ent and slow sand	N.D. = less than de or diatomaceous e	tection limit. arth filtration ple	ase see
Approved by Heather McKenzie Account Manager						
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Date: 12-OCT-17 PO No.: 0000132962 WO No.: L1999375

LSD:

Project Ref:

Sample ID: TEMP 116 DF

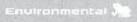
Fountain no longer in service

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-21

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyze
Total Metals						
Lead (Pb)-Total	0.0153		mg/L	0.01		10-OCT-
DWQG = Health Canada Guideline Limits updated	DECEMBER	2015				
CDWQG for Nitrate+Nitrite-N is the limit for nitrate only Turbidity guideline based on membrane filtration. For gummary Table of Guidelines for Canadian Drinking Wa A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQ	guidelines on cor iter Quality	nventional treatm	ent and slow sa	or N.D. = less than de nd or diatomaceous e	tection limit. earth filtration ple	ease see
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Date: 12-OCT-17 PO No.: 0000132962 WO No.: L1999375

LSD: Project Ref:

Sample ID: TEMP 127 BUB

Sampled By:

Date Collected: 27-SEP-17 Lab Sample ID: L1999375-22

Matrix: Water

Test Description	Result	Qualifier	Units of Measure	CDWQG MAC	Aesthetic Objective	Date Analyzed
Total Metals						
Lead (Pb)-Total	0.000993		mg/L	0.01		10-OCT-1
DWQG = Health Canada Guideline Limits updated	DECEMBER	2015	1.			
CDWQG for Nitrate+Nitrite-N is the limit for nitrate only. Furbidity guideline based on membrane filtration. For gummary Table of Guidelines for Canadian Drinking Wate A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQG	uidelines on co er Quality	nventional treatm	ent and slow sand	N.D. = less than det l or diatomaceous ea	ection limit. arth filtration ple	ase see
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Guidelines & Objectives

Health Canada MAC Health Related Criteria Limits

Nitrate/Nitrite-N* Criteria limit is 10 mg/L (1.0 mg/L if present as all Nitrite-N). High concentrations may contribute to blue baby syndrome in infants.

Lead* A cumulative body poison, uncommon in naturally occurring hard waters.

Fluoride* Present in fluoridated water supplies at 0.8 mg/L to reduce dental caries. Elevated levels causes fluorosis (mottling of teeth).

Total Coliforms* Criteria is 0 CFU/100mL. Adverse health effects.

E. Coli* Criteria is 0 CFU/100 mL, Certain E, Coli bacteria can be life threatening.

*Health Canada Canadian Drinking Water Quality Guidelines (MAC limit)

Aesthetic Objective Concentration Levels

Alkalinity Acid neutralizing capacity. Usually a measure of carbonate and bicarbonates and calculated and reported as calcium carbonate.

Balance — Quality control parameter ratioing cations to anions

Bicarbonate See Alkalinity. Report as the anion HCO3-1
Carbonate See Alkalinity. Reported at the anion CO3-2

Calcium See Hardness. Common major cation of water chemistry.

Chloride Common major anion of water chemistry.

Conductance Physical test measuring water salinity (dissolved ions or solids)

Hardness Classical measure or capacity of water to precipitate soap (chiefly calcium and magnesium ions). Causes scaling tendency in

water if carbonates/bicarbonates are present (if >200 mg/L). For drinking water purposes waters with results <200 mg/L are considered acceptable, results >200 mg/L are considered poor but can be tolerated. Results >500 mg/L are unacceptable.

Hydroxide See alkalinity

Magnesium See hardness. Common major cation of water chemistry. Elevated levels (>125 mg/L) may exert a cathartic or diuretic action.

pH Measure of water acidity/alkalinity. Normal range is 7.0-8.5.

Potassium Common major cation of water chemistry.

Sodium Common major cation of water chemistry. Measure of salinity (saltiness).

Sulphate Common major anion of water chemistry. Elevated levels may exert a cathartic or diuretic action.

Total Dissolved Solids A measure of water salinity.

Iron Causes staining to laundry and porcelain and astringent taste. Oxidizes to red-brown precipitate on exposure to air.

Manganese Elevated levels may cause staining of laundry and porcelain.

Heterotrophic

Plate Count Criteria is 500 cfu/mL Measure of heterotrophic bacteria present.

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

mg/kg - milligrams per kilogram based on dry weight of sample mg/kg wwt - milligrams per kilogram based on wet weight of sample mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight

mg/L - unit of concentration based on volume, parts per million.

< - Less than.

D.L. - The reporting limit.

N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory. UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION

Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.