MOUNTAINS OF OPPORTUNITY

CRANBROOK

City of Cranbrook
2025 Annual Water Report

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INTRODUCTION

This report is to provide citizens and visitors to the City of Cranbrook with information regarding the drinking water system and meets the requirements of the *Drinking Water Protection Regulation*, *Section 11.* The report will summarize water quality and future projects for the drinking water system. https://www.bclaws.gov.bc.ca/civix/document/id/complete/statreg/200_2003

OPERATIONS

All of the City's facilities and systems are classified as Level 2 facilities through the Environmental Operators Certification Program, or EOCP.

https://eocp.ca

14 EOCP certified operators operate the water and wastewater systems for the city.

The Phillips reservoir is a 500 million imperial gallon reservoir that was constructed in the late 1970's

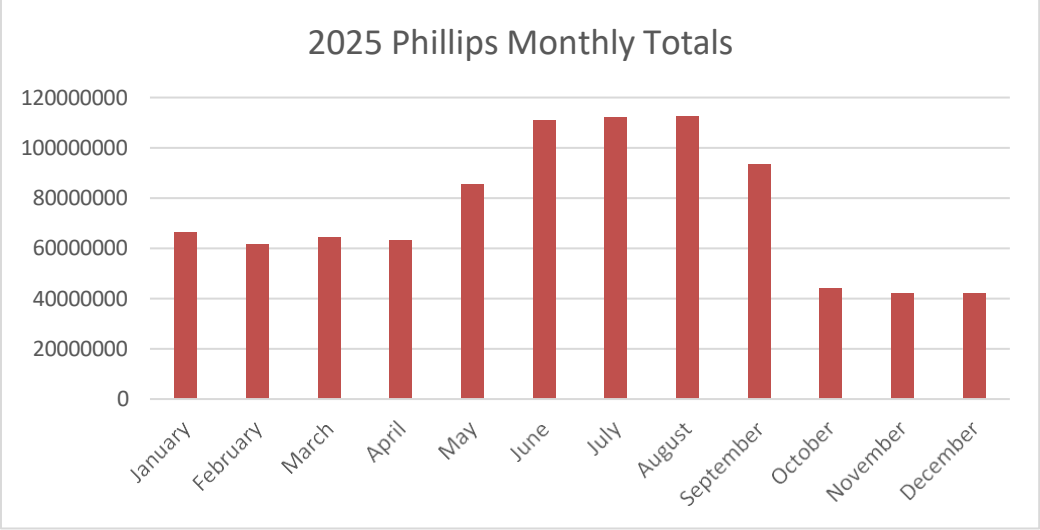
The City has 14 Pressure Reducing Stations (PRV) that reduce the pressure to manageable levels in the distribution system.

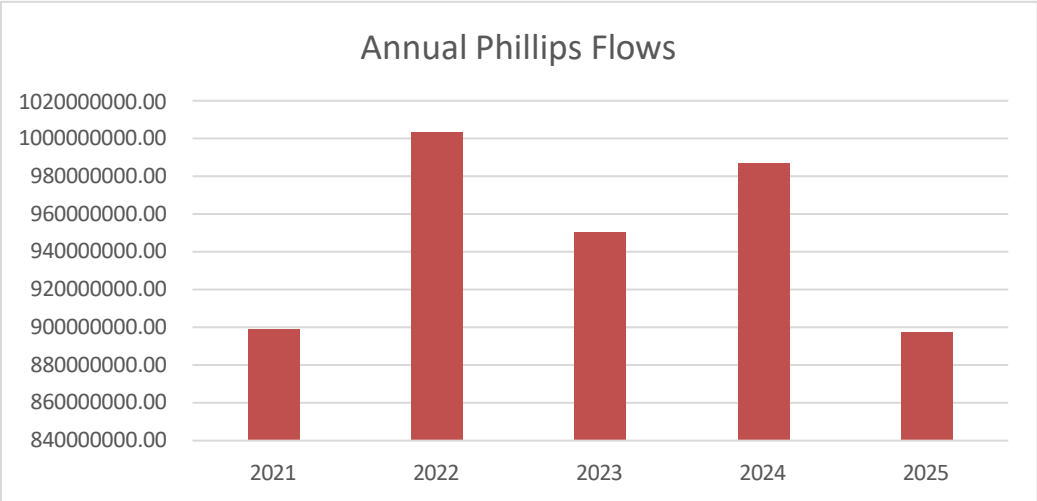
2 deep production wells augment the surface water supply year round.

https://cranbrook.ca/water-conservation/water-quality/raw-water-source

CONSUMPTION

Total flow through the Phillips Reservoir Disinfection Facility in 2025 was 897,733,349 imperial gallons for the entire year.





Outdoor Water Regulation Bylaw

2025 saw the majority of the summer in a Stage 1 water restriction and only went to Stage 2 late in the summer months.
City of Cranbrook - Outdoor Water Restrictions
https://cranbrook.civicweb.net/filepro/documents/85622/ - Outdoor Water Use and Regulation Bylaw

CROSS CONNECTION CONTROL PROGRAM

The purpose of the bylaw is to protect the drinking water supplied by the City of Cranbrook from the possibility of contamination by removing or isolating actual or potential sources of contamination that may backflow into the community water system. This bylaw requires that backflow preventors meet the design and installation criteria requirements of the CAN/CSA standards B64 Series most current editions and the BC Building/Plumbing Codes along with regular testing of the assemblies.

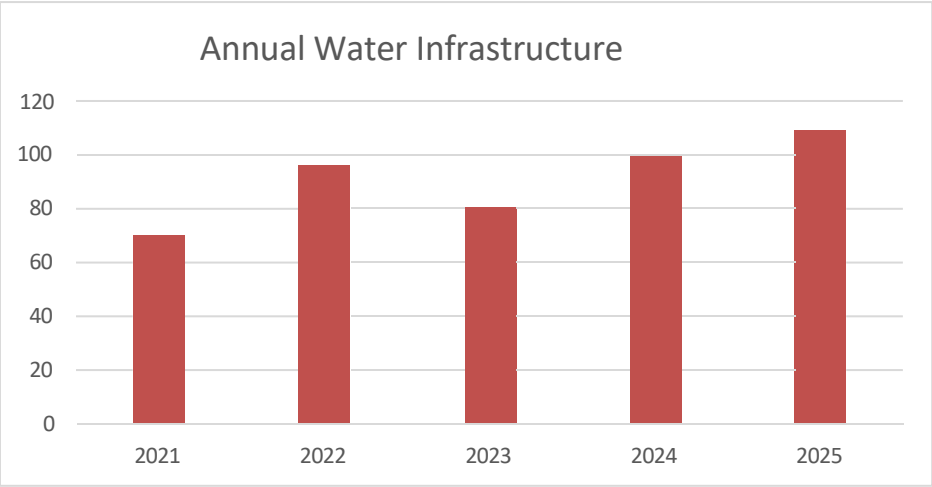
The bylaw as drafted is intended to be a simplistic program using best practices from other communities that download these requirements to owners and builders and not hire more City staff to create a detailed City operated program. Should this bylaw be adopted, the program mostly is record keeping and proactive following up once the program is launched.

Backflow preventors are currently required to be installed as per BC Building/Plumbing codes, this bylaw gives staff more support to continue that requirement, but also require annual testing to ensure that the backflow preventors are continuing to function and confirm when they must be repaired/replaced

https://cranbrook.civicweb.net/filepro/documents/101511/ - Cross Connection Control Bylaw

INFRASTRUCTURE REPAIRS

In 2025, a total of 109 repairs were completed on the drinking water system. This includes watermains, water services, fire hydrants and water valves. When performing a repair, the operators follow AWWA standards or ensure that positive pressure is maintained to prevent contamination of the watermain. When the repairs are completed hydrants are flushed to ensure a chlorine residual is established.



EMERGENCY RESPONSE PLAN

The City of Cranbrook's Emergency Response Plan for the water utility provides guidance to city staff for events that may be observed for the water utility. Events include spills in the reservoirs and watersheds, suspected contamination, infrastructure failures and loss of disinfection processes.

FUTURE PROJECTS

The City is planning on several projects over the next several years that will provide more resiliency to the City's drinking water system. In 2024 the City was awarded a grant to assist with the disinfection of the drinking water. A contractor has been awarded the project and with staff are in the initial construction stages of a new ultraviolet (UV) disinfection facility. The new facility is planned to be operational in 2028.

City of Cranbrook - Phillips Reservoir UV Disinfection Facility Project Officially Underway After Groundbreaking Event

Another planned project that the city has received grant funding for is the Gold Creek dam project which replaces a century old structure and will allow for better control and usage of our existing water supply.

City of Cranbrook - City To Apply For $5 Million Community Emergency Preparedness Grant For Gold Creek Dam

WATER QUALITY *(see appendices for full reports)*

Water quality is monitored 24 hours a day using the City's Supervisory Control and Data Acquisition (SCADA) system. Samples are also taken weekly throughout the water distribution system and analyzed by an independent laboratory. 2025 saw a change in services from M.B Laboratories Ltd to Bureau Veritas for all laboratory analysis.

During the summer months the Phillips reservoir and the city's 2 watershed catchments that lead to the Phillips reservoir are monitored by collecting samples monthly.

https://cranbrook.ca/water-conservation/water-quality

MONITORING PLAN

The City of Cranbrook has a extensive water quality monitor plan that the operators follow to ensure that the water that comes from the taps meets all water quality standards and regulations. With a total of 800 samples are taken throughout the watersheds, reservoirs and distribution system annually.

MAJOR EVENTS

January 16, 2025 A Boiler Water Advisory due to unchlorinated water entering system

- This event took place during regular maintenance of the city's chlorine injection site.
- City Flushed system and sampled through the system for bacteria and chlorine residuals.

April 9, 2025 A Water Quality Advisory due to high turbidity during spring freshet.

- This is a natural occurrence, and the city will continue to monitor.

EXCEEDANCES

When there is an exceedance of water quality parameters after the disinfection processes, operators will re-sample the site to see if it was an anomaly or a true result. If the results are exceeding after the second sample, Interior Health will be notified to discuss the need for any advisories, and the area will be flushed and re-sampled.

Total Coliform exceedances were investigated and determined to be collection errors and have been corrected.

HELPFUL LINKS

https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/laws-rules/water-protection-act

https://drinkingwaterforeveryone.ca

https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/drinking-water

https://www.canada.ca/en/health-canada/services/environmental-workplace-

health/water-quality/drinking-water/canadian-drinking-water-guidelines.html

Manganese in drinking water | HealthLink BC

APPENDIX A – Metals/ Nutrients

Cranbrook, City Of - E
*A
40 - 10th Avenue
Cranbrook, BC
V1C 2M8
TEL: (800) 728-2726
Group

15Apr25 11:24a W186606
Source: FWS
Type of Sample: Water
No. of Samples: 5
Arrival temp.: 2.2C
Sampler: Jodi Shmideder\Heather Lemmon

Sample: Metal Scan + Nutrients 14Apr25- 1)Philips ResPOT 30653 08:30 2)Philips ResRAW 30666 08:35
3)PR#1 305F9 9:40 4)PR#11 305FC 10:50 5)PR#9 305FB 13:50

ELEMENTS		1 SAMPLE	2 SAMPLE	3 SAMPLE	4 SAMPLE	5 SAMPLE	UNITS	Maximum Limits In Drinking Water*
1) Aluminium	Al	0.159	<0.010	<0.010	<0.010	<0.010	mg/L	no limit listed
2) Antimony	Sb	<0.500	<0.500	<0.500	<0.500	<0.500	ug/L	6.00 ug/L
3) Arsenic	As	<0.500	<0.500	<0.500	<0.500	<0.500	ug/L	10.0 ug/L
4) Barium	Ba	0.041	0.033	0.033	0.031	0.033	mg/L	2.00 mg/L
5) Beryllium	Be	<0.003	<0.003	<0.003	<0.003	<0.003	mg/L	no limit listed
6) Boron	B	<0.050	<0.050	<0.050	<0.050	<0.050	mg/L	5.00 mg/L
7) Cadmium	Cd	<0.010	<0.010	<0.010	<0.010	<0.010	ug/L	7.00 ug/L
8) Calcium	Ca	33.7	33.2	32.1	29.8	32.2	mg/L	200 mg/L
9) Chromium	Cr	<0.003	<0.003	<0.003	<0.003	<0.003	mg/L	0.050 mg/L
10) Cobalt	Co	<0.005	<0.005	<0.005	<0.005	<0.005	mg/L	no limit listed
11) Copper	Cu	0.042	<0.008	<0.008	<0.008	<0.008	mg/L	1.00 mg/L
12) Gold	Au	<0.040	<0.040	<0.040	<0.040	<0.040	mg/L	no limit listed
13) Iron	Fe	0.179	0.051	0.056	0.056	0.396	mg/L	0.300 mg/L
14) Lanthanum	La	<0.020	<0.020	<0.020	<0.020	<0.020	mg/L	no limit listed
15) Lead	Pb	<0.500	<0.500	<0.500	<0.500	<0.500	ug/L	5.00 ug/L
16) Magnesium	Mg	8.68	8.62	8.26	7.68	8.27	mg/L	50.0 mg/L
17) Manganese	Mn	0.038	0.023	0.015	0.013	0.010	mg/L	0.120 MAC 0.020 AO
18) Mercury	Hg	<0.010	<0.010	<0.010	<0.010	<0.010	ug/L	1.00 ug/L
19) Molybdenum	Mo	<0.005	<0.005	<0.005	<0.005	<0.005	mg/L	no limit listed
20) Nickel	Ni	<0.004	<0.004	<0.004	<0.004	<0.004	mg/L	no limit listed
21) Phosphorus	P	0.139	<0.010	<0.010	<0.010	<0.010	mg/L	no limit listed
22) Potassium	K	1.03	0.710	0.700	0.640	0.700	mg/L	no limit listed
23) Scandium	Sc	<0.050	<0.050	<0.050	<0.050	<0.050	mg/L	no limit listed
24) Selenium	Se	<0.500	<0.500	<0.500	<0.500	<0.500	ug/L	5.0 ug/L
25) Silicon	Si	11.3	10.7	10.6	9.91	10.8	mg/L	no limit listed
26) Silver	Ag	<0.010	<0.010	<0.010	<0.010	<0.010	mg/L	no limit listed
27) Sodium	Na	3.50	2.88	2.83	2.53	2.74	mg/L	200 mg/L
28) Strontium	Sr	0.060	0.050	0.050	0.040	0.050	mg/L	no limit listed
29) Tin	Sn	<0.020	<0.020	<0.020	<0.020	<0.020	mg/L	no limit listed
30) Titanium	Ti	<0.010	<0.010	<0.010	<0.010	<0.010	mg/L	no limit listed
31) Tungsten	W	<0.050	<0.050	<0.050	<0.050	<0.050	mg/L	no limit listed
32) Uranium	U	<0.100	<0.100	<0.100	<0.100	<0.100	ug/L	20 ug/L
33) Vanadium	V	<0.010	<0.010	<0.010	<0.010	<0.010	mg/L	no limit listed
34) Zinc	Zn	0.052	0.013	0.010	0.006	0.011	mg/L	5.00 mg/L
Hardness (mg/L $CaCO_3$)		120	118	114	106	114	mg/L	75-150 mg/L = moderately hard
pH		7.56	7.71	7.54	7.69	7.53	units	7.0 to 10.5

* As per Canadian or B.C. Health Act Safe Drinking Water Regulation BC Reg 230/92, & 390 Sch 120, 2001. Task Force of the Canadian Council of Resource and Environment Ministers - Guidelines for Canadian Drinking Water Quality, 2020.

R. Bilodeau
Analytical Chemist

H. Hartmann
Sr. Analytical Chemist

APPENDIX B

Water System Data Report Filter Summary

Organization:	City of Cranbrook
User Name:	Jason Perrault
Water System:	City of Cranbrook
Report Name:	Distribution Route #1 - Bacteriological- 2025
Report Description:	Bacteriological results for The City of Cranbrook Water Quality Monitoring Plan
Report Template Name:	Annual Report - Distribution Route 1- Micro
Collection Date Range:	01/01/2025 - 12/31/2025 (mm/dd/yyyy)
Reading Types:	Analyte Report by Sampling Point
Reading Types:	Calculated, Inline Instrument, Lab Data Transfer, Laboratory Report
Calculate Exceedances:	Apply Measurement Criteria
Show Records for Exceedances Only:	Yes
Suppress Lists with no Records:	Yes
Treatment of ND Results with Detection Limits in Reports Statistics:	Non-Detect (results are ignored in average statistics)
Treatment of OR Results with Detection Limits in Reports Statistics:	Over-Range (results are ignored in average statistics)
Grouped By:	Sampling Point, List by: Analyte
Sort Records By:	Collection Date

Facility:	Distribution Sample Sites
Sampling Point:	Gyro Park- Sampling Tap (1-17-MD, 30673)

Facility:	Distribution Sample Sites
Sampling Point:	PR 1 Sampling Tap - PRIORITY (1-1-MD, 305F9)

Total Coliforms (counts)		**Sampling Point Name**	**Lab/User Name**
*** 11/18/2025 09:40**	**1.0 counts/100ml**	**PR 1 Sampling Tap - PRIORITY**	**Bureau Veritas Canada (Burnaby)**

# samples:	27	**min:**	0 counts/100ml
# detects:	27	**max:**	1.0 counts/100ml
# non-detects:	0	**Geometric Mean:**	1.0 counts/100ml (based on 27 numerical results)
# of Exceedences:	1	**med:**	0.0 counts/100ml (based on 27 numerical results)

Facility:	Distribution Sample Sites
Sampling Point:	PR 11 Sampling Tap (1-4-MD, 305FC)

Total Coliforms (counts)		**Sampling Point Name**	**Lab/User Name**
*** 11/03/2025 11:05**	**1.0 counts/100ml**	**PR 11 Sampling Tap**	**Bureau Veritas Canada (Burnaby)**

# samples:	26	**min:**	0 counts/100ml
# detects:	26	**max:**	1.0 counts/100ml
# non-detects:	0	**Geometric Mean:**	1.0 counts/100ml (based on 26 numerical results)
# of Exceedences:	1	**med:**	0.0 counts/100ml (based on 26 numerical results)

Facility:	Distribution Sample Sites
Sampling Point:	PR 4- Sample Tap (1-16-MD, 30672)

Facility:	Distribution Sample Sites
Sampling Point:	PR 9 Sampling Tap PRIORITY (1-3-MD, 305FB)

Total Coliforms (counts)		**Sampling Point Name**	**Lab/User Name**
*** 09/22/2025 13:00**	**2.0 counts/100ml**	**PR 9 Sampling Tap PRIORITY**	**Bureau Veritas Canada (Burnaby)**

# samples:	26	**min:**	0 counts/100ml

# detects:	26	**max:**	2.0 counts/100ml
# non-detects:	0	**Geometric Mean:**	1.0 counts/100ml (based on 26 numerical results)
# of Exceedences:	1	**med:**	0.0 counts/100ml (based on 26 numerical results)

Facility: Distribution Sample Sites
Sampling Point: Well #3 - Pump On Raw PRIORITY (1-22-EP, 31E8C)

Facility: Distribution Sample Sites
Sampling Point: Well #3- Pump On Potable PRIORITY (1-21-EP, 31E8B)

Facility: Distribution Sample Sites
Sampling Point: Well #5. Pump On - Potable PRIORITY (1-28-EP, 3425E)

Facility: Distribution Sample Sites
Sampling Point: Well 3 - Pump OFF (1-6-MD, 305FE)

Facility: Distribution Sample Sites
Sampling Point: Well 5 - Pump OFF (1-8-MD, 30600)

Facility: Phillips Reservoir; Phillips Reservoir - Plant
Sampling Point: Phillips Reservoir POTABLE PRIORITY (16-1-IT, 30653)

Total Coliforms (counts)		Sampling Point Name	Lab/User Name
* 01/13/2025 08:45	2 counts/100ml	Phillips Reservoir POTABLE PRIORITY	MB Labs
* 08/05/2025 09:00	78 counts/100ml	Phillips Reservoir POTABLE PRIORITY	Bureau Veritas Canada (Burnaby)
* 08/18/2025 09:15	2.0 counts/100ml	Phillips Reservoir POTABLE PRIORITY	Bureau Veritas Canada (Burnaby)
* 09/02/2025 09:30	1.0 counts/100ml	Phillips Reservoir POTABLE PRIORITY	Bureau Veritas Canada (Burnaby)
* 09/22/2025 09:50	73 counts/100ml	Phillips Reservoir POTABLE PRIORITY	Bureau Veritas Canada (Burnaby)
* 11/03/2025 08:50	1.0 counts/100ml	Phillips Reservoir POTABLE PRIORITY	Bureau Veritas Canada (Burnaby)

Total Coliforms (counts)		Sampling Point Name	Lab/User Name
* 12/08/2025 09:25	2.0 counts/100ml	Phillips Reservoir POTABLE PRIORITY	Bureau Veritas Canada (Burnaby)
* 12/29/2025 08:30	1.0 counts/100ml	Phillips Reservoir POTABLE PRIORITY	Bureau Veritas Canada (Burnaby)

# samples:	48	**min:**	0 counts/100ml
# detects:	48	**max:**	78 counts/100ml
# non-detects:	0	**Geometric Mean:**	1.3 counts/100ml (based on 48 numerical results)
# of Exceedences:	8	**med:**	0.0 counts/100ml (based on 48 numerical results)

Facility: Phillips Reservoir; Phillips Reservoir - Plant
Sampling Point: Phillips Reservoir RAW PRIORITY (16-2-SR, 30666)

Escherichia coli / E. coli (counts)		Sampling Point Name	Lab/User Name
* 10/01/2025 09:40	1.0 counts/100ml	Phillips Reservoir RAW PRIORITY	Bureau Veritas Canada (Burnaby)
* 11/03/2025 08:50	1.0 counts/100ml	Phillips Reservoir RAW PRIORITY	Bureau Veritas Canada (Burnaby)
* 11/18/2025 08:40	1.0 counts/100ml	Phillips Reservoir RAW PRIORITY	Bureau Veritas Canada (Burnaby)
* 11/19/2025 09:20	1.0 counts/100ml	Phillips Reservoir RAW PRIORITY	Bureau Veritas Canada (Burnaby)

# samples:	48	**min:**	0 counts/100ml
# detects:	48	**max:**	1.0 counts/100ml
# non-detects:	0	**Geometric Mean:**	1.0 counts/100ml (based on 48 numerical results)
# of Exceedences:	4	**med:**	0.0 counts/100ml (based on 48 numerical results)

Total Coliforms (counts)			Sampling Point Name	Lab/User Name
* 02/10/2025 09:15	200	CFU/100ml	Phillips Reservoir RAW PRIORITY	MB Labs
* 04/28/2025 09:00	200	CFU/100ml	Phillips Reservoir RAW PRIORITY	MB Labs
* 09/15/2025 09:00	160	CFU/100ml	Phillips Reservoir RAW PRIORITY	Bureau Veritas Canada (Burnaby)

Total Coliforms (counts)		Sampling Point Name	Lab/User Name
* 10/01/2025	130 CFU/100ml	Phillips Reservoir RAW	Bureau Veritas
09:40		PRIORITY	Canada (Burnaby)
* 10/14/2025	110 CFU/100ml	Phillips Reservoir RAW	Bureau Veritas
08:45		PRIORITY	Canada (Burnaby)
* 11/18/2025	110 CFU/100ml	Phillips Reservoir RAW	Bureau Veritas
08:40		PRIORITY	Canada (Burnaby)

# samples:	48	**min:**	0 CFU/100ml
# detects:	48	**max:**	200 CFU/100ml
# non-detects:	0	**Geometric Mean:**	23.7 CFU/100ml (based on 48 numerical results)
# of Exceedences:	6	**med:**	38.5 CFU/100ml (based on 48 numerical results)

Result Legend:

P=present, A=absent, PR=presumptive, ND=non-detect, OR=over-range, OG=overgrown, Y=yes, N=no,
TNTC=too numerous to count, NR=no result, NT=not tested, IG=ignore, ER=external report, SC=see comment

< means less than lower detection limit shown
> means greater than upper detection limit shown
« means detected & less than number shown
» means detected & greater than number shown

*** Indicates Criteria is exceeded**

APPENDIX C

Water System Data Report Filter Summary

Organization:	City of Cranbrook
User Name:	Jason Perrault
Water System:	City of Cranbrook
Report Name:	Annual Report - Distribution Route 2-Microbiology
Report Description:	
Report Template Name:	Annual Report - Distribution Route 2 - Micro
Collection Date Range:	01/01/2025 - 12/31/2025 (mm/dd/yyyy)
Reading Types:	Analyte Report by Sampling Point
Reading Types:	Calculated, Inline Instrument, Lab Data Transfer, Laboratory Report, Test Kit
Calculate Exceedances:	Apply Measurement Criteria
Show Records for Exceedances Only:	No
Suppress Lists with no Records:	Yes
Treatment of ND Results with Detection Limits in Reports Statistics:	Non-Detect (results are ignored in average statistics)
Treatment of OR Results with Detection Limits in Reports Statistics:	Over-Range (results are ignored in average statistics)
Grouped By:	Sampling Point, List by: Analyte
Sort Records By:	Collection Date

Facility:	Distribution Sample Sites
Sampling Point:	City Works Yard-Janitors Room (1-11-MD, 3066D)

Aeromonas spp.

# samples:	1	**min:**	0 CFU/100ml
# detects:	1	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 1 numerical results)

Background Bacteria

# samples:	20	**min:**	0 CFU/100ml
# detects:	10	**max:**	4 CFU/100ml
# non-detects:	10	**Geometric Mean:**	1 CFU/100ml (based on 10 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 10 numerical results)

Escherichia coli / E. coli (counts)

# samples:	23	**min:**	0 counts/100ml
# detects:	23	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 23 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 23 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	22	**min:**	0 counts/100ml
# detects:	22	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 22 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 22 numerical results)

Fecal non-coliforms

# samples:	9	**min:**	0 CFU/100ml
# detects:	9	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 9 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 9 numerical results)

Heterotrophic Plate Count / HPC

# samples:	6	**min:**	0 CFU/100ml
# detects:	2	**max:**	800 CFU/100ml
# non-detects:	4	**Geometric Mean:**	28 CFU/100ml (based on 2 numerical results)
# of Exceedences:	1	**med:**	400 CFU/100ml (based on 2 numerical results)

Iron Bacteria (counts)

# samples:	1	**min:**	n/a
# detects:	0	**max:**	n/a
# non-detects:	1	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Mould (total)

# samples:	1	**min:**	0 counts/ml
# detects:	1	**max:**	0 counts/ml
# non-detects:	0	**Geometric Mean:**	0 counts/ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 counts/ml (based on 1 numerical results)

Sulfate Reducing Bacteria

# samples:	1	**min:**	n/a
# detects:	0	**max:**	n/a
# non-detects:	1	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Total Coliforms (counts)

# samples:	23	**min:**	0 counts/100ml
# detects:	23	**max:**	2.0 counts/100ml
# non-detects:	0	**Geometric Mean:**	1.0 counts/100ml (based on 23 numerical results)
# of Exceedences:	2	**med:**	0.0 counts/100ml (based on 23 numerical results)

Yeast (total)

# samples:	1	**min:**	0 count/ml
# detects:	1	**max:**	0 count/ml
# non-detects:	0	**Geometric Mean:**	0 count/ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 count/ml (based on 1 numerical results)

Facility:	Distribution Sample Sites
Sampling Point:	PR 2 Sampling Tap PRIORITY (1-2-MD, 305FA)

Aeromonas spp.

# samples:	9	**min:**	0 CFU/100ml
# detects:	9	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 9 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 9 numerical results)

Background Bacteria

# samples:	23	**min:**	0 CFU/100ml

# detects:	13	**max:**	67 CFU/100ml
# non-detects:	10	**Geometric Mean:**	2 CFU/100ml (based on 13 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 13 numerical results)

Escherichia coli / E. coli (counts)

# samples:	26	**min:**	0 counts/100ml
# detects:	26	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 26 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 26 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	25	**min:**	0 counts/100ml
# detects:	25	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 25 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 25 numerical results)

Fecal non-coliforms

# samples:	10	**min:**	0 CFU/100ml
# detects:	10	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 10 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 10 numerical results)

Heterotrophic Plate Count / HPC

# samples:	15	**min:**	0 CFU/100ml
# detects:	12	**max:**	200 CFU/100ml
# non-detects:	3	**Geometric Mean:**	16 CFU/100ml (based on 12 numerical results)
# of Exceedences:	0	**med:**	13 CFU/100ml (based on 12 numerical results)

Iron Bacteria (counts)

# samples:	10	**min:**	25 CFU/ml
# detects:	1	**max:**	25 CFU/ml
# non-detects:	9	**Geometric Mean:**	25 CFU/ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	25 CFU/ml (based on 1 numerical results)

Mould (total)

# samples:	9	**min:**	0 counts/ml
# detects:	9	**max:**	0 counts/ml
# non-detects:	0	**Geometric Mean:**	0 counts/ml (based on 9 numerical results)
# of Exceedences:	0	**med:**	0 counts/ml (based on 9 numerical results)

Sulfate Reducing Bacteria

# samples:	10	**min:**	< 75 CFU/ml
# detects:	0	**max:**	< 75 CFU/ml
# non-detects:	10	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Total Coliforms (counts)

# samples:	26	**min:**	0 counts/100ml
# detects:	26	**max:**	7.0 counts/100ml
# non-detects:	0	**Geometric Mean:**	1.1 counts/100ml (based on 26 numerical results)
# of Exceedences:	2	**med:**	0.0 counts/100ml (based on 26 numerical results)

Yeast (total)

# samples:	9	**min:**	0 count/ml
# detects:	9	**max:**	0 count/ml
# non-detects:	0	**Geometric Mean:**	0 count/ml (based on 9 numerical results)
# of Exceedences:	0	**med:**	0 count/ml (based on 9 numerical results)

Facility: Distribution Sample Sites
Sampling Point: PR 6 - Sampling Tap (1-12-MD, 3066E)

Aeromonas spp.

# samples:	2	**min:**	0 CFU/100ml
# detects:	2	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 2 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 2 numerical results)

Background Bacteria

# samples:	23	**min:**	0 CFU/100ml
# detects:	13	**max:**	4 CFU/100ml
# non-detects:	10	**Geometric Mean:**	1 CFU/100ml (based on 13 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 13 numerical results)

Escherichia coli / E. coli (counts)

# samples:	26	**min:**	0 counts/100ml
# detects:	26	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 26 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 26 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	25	**min:**	0 counts/100ml

# detects:	25	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 25 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 25 numerical results)

Fecal non-coliforms

# samples:	10	**min:**	0 CFU/100ml
# detects:	10	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 10 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 10 numerical results)

Heterotrophic Plate Count / HPC

# samples:	8	**min:**	0 CFU/100ml
# detects:	3	**max:**	200 CFU/100ml
# non-detects:	5	**Geometric Mean:**	15 CFU/100ml (based on 3 numerical results)
# of Exceedences:	0	**med:**	16 CFU/100ml (based on 3 numerical results)

Iron Bacteria (counts)

# samples:	3	**min:**	< 25 CFU/ml
# detects:	0	**max:**	< 25 CFU/ml
# non-detects:	3	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Mould (total)

# samples:	2	**min:**	0 counts/ml
# detects:	2	**max:**	0 counts/ml
# non-detects:	0	**Geometric Mean:**	0 counts/ml (based on 2 numerical results)
# of Exceedences:	0	**med:**	0 counts/ml (based on 2 numerical results)

Sulfate Reducing Bacteria

# samples:	3	**min:**	< 75 CFU/ml
# detects:	0	**max:**	< 75 CFU/ml
# non-detects:	3	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Total Coliforms (counts)

# samples:	26	**min:**	0 counts/100ml
# detects:	26	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 26 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 26 numerical results)

Yeast (total)

# samples:	2	**min:**	0 count/ml
# detects:	2	**max:**	0 count/ml
# non-detects:	0	**Geometric Mean:**	0 count/ml (based on 2 numerical results)
# of Exceedences:	0	**med:**	0 count/ml (based on 2 numerical results)

Facility: Distribution Sample Sites
Sampling Point: PR 8 - Sampling Tap (1-20-MD, 30677)

Aeromonas spp.

# samples:	1	**min:**	0 CFU/100ml
# detects:	1	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 1 numerical results)

Background Bacteria

# samples:	22	**min:**	0 CFU/100ml
# detects:	12	**max:**	39 CFU/100ml
# non-detects:	10	**Geometric Mean:**	2 CFU/100ml (based on 12 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 12 numerical results)

Escherichia coli / E. coli (counts)

# samples:	25	**min:**	0 counts/100ml
# detects:	25	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 25 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 25 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	24	**min:**	0 counts/100ml
# detects:	24	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 24 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 24 numerical results)

Fecal non-coliforms

# samples:	9	**min:**	0 CFU/100ml
# detects:	9	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 9 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 9 numerical results)

Heterotrophic Plate Count / HPC

# samples:	6	**min:**	8 CFU/100ml

# detects:	2	**max:**	100 CFU/100ml
# non-detects:	4	**Geometric Mean:**	28 CFU/100ml (based on 2 numerical results)
# of Exceedences:	0	**med:**	54 CFU/100ml (based on 2 numerical results)

Iron Bacteria (counts)

# samples:	1	**min:**	n/a
# detects:	0	**max:**	n/a
# non-detects:	1	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Mould (total)

# samples:	1	**min:**	0 counts/ml
# detects:	1	**max:**	0 counts/ml
# non-detects:	0	**Geometric Mean:**	0 counts/ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 counts/ml (based on 1 numerical results)

Sulfate Reducing Bacteria

# samples:	1	**min:**	n/a
# detects:	0	**max:**	n/a
# non-detects:	1	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Total Coliforms (counts)

# samples:	25	**min:**	0 counts/100ml
# detects:	25	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 25 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 25 numerical results)

Yeast (total)

# samples:	1	**min:**	0 count/ml
# detects:	1	**max:**	0 count/ml
# non-detects:	0	**Geometric Mean:**	0 count/ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 count/ml (based on 1 numerical results)

Facility:	Distribution Sample Sites
Sampling Point:	Well #4. Pump On - Potable PRIORITY (1-27-EP, 3425D)

Background Bacteria

# samples:	2	**min:**	0 CFU/100ml
# detects:	2	**max:**	0 CFU/100ml

# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 2 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 2 numerical results)

Escherichia coli / E. coli (counts)

# samples:	2	**min:**	0 counts/100ml
# detects:	2	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 2 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 2 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	2	**min:**	0 counts/100ml
# detects:	2	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 2 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 2 numerical results)

Fecal non-coliforms

# samples:	2	**min:**	0 CFU/100ml
# detects:	2	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 2 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 2 numerical results)

Total Coliforms (counts)

# samples:	2	**min:**	0 counts/100ml
# detects:	2	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 2 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 2 numerical results)

Facility:	Distribution Sample Sites
Sampling Point:	Well #4. Pump On - Raw PRIORITY (1-26-EP, 3425C)

Background Bacteria

# samples:	17	**min:**	0 CFU/100ml
# detects:	5	**max:**	4 CFU/100ml
# non-detects:	12	**Geometric Mean:**	1 CFU/100ml (based on 5 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 5 numerical results)

Escherichia coli / E. coli (counts)

# samples:	17	**min:**	0 counts/100ml
# detects:	17	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 17 numerical results)

# of Exceedences:	0	**med:**	0 counts/100ml (based on 17 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	17	**min:**	0 counts/100ml
# detects:	6	**max:**	< 1 counts/100ml
# non-detects:	11	**Geometric Mean:**	0 counts/100ml (based on 6 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 6 numerical results)

Fecal non-coliforms

# samples:	4	**min:**	0 CFU/100ml
# detects:	4	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 4 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 4 numerical results)

Heterotrophic Plate Count / HPC

# samples:	9	**min:**	< 100 CFU/100ml
# detects:	2	**max:**	4,200 CFU/100ml
# non-detects:	7	**Geometric Mean:**	648 CFU/100ml (based on 2 numerical results)
# of Exceedences:	1	**med:**	2,150 CFU/100ml (based on 2 numerical results)

Iron Bacteria (counts)

# samples:	6	**min:**	< 25 CFU/ml
# detects:	1	**max:**	150 CFU/ml
# non-detects:	5	**Geometric Mean:**	150 CFU/ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	150 CFU/ml (based on 1 numerical results)

Sulfate Reducing Bacteria

# samples:	6	**min:**	< 75 CFU/ml
# detects:	0	**max:**	< 75 CFU/ml
# non-detects:	6	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Total Coliforms (counts)

# samples:	17	**min:**	0 counts/100ml
# detects:	17	**max:**	2.0 counts/100ml
# non-detects:	0	**Geometric Mean:**	1.0 counts/100ml (based on 17 numerical results)
# of Exceedences:	1	**med:**	0.0 counts/100ml (based on 17 numerical results)

Facility:	Distribution Sample Sites
Sampling Point:	Well 2- Sampling Tap (1-19-MD, 30675)

Aeromonas spp.

# samples:	1	**min:**	0 CFU/100ml
# detects:	1	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 1 numerical results)

Background Bacteria

# samples:	21	**min:**	0 CFU/100ml
# detects:	9	**max:**	1 CFU/100ml
# non-detects:	12	**Geometric Mean:**	1 CFU/100ml (based on 9 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 9 numerical results)

Escherichia coli / E. coli (counts)

# samples:	21	**min:**	0 counts/100ml
# detects:	21	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 21 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 21 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	20	**min:**	0 counts/100ml
# detects:	20	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 20 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 20 numerical results)

Fecal non-coliforms

# samples:	9	**min:**	0 CFU/100ml
# detects:	9	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 9 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 9 numerical results)

Heterotrophic Plate Count / HPC

# samples:	3	**min:**	0 CFU/100ml
# detects:	1	**max:**	< 100 CFU/100ml
# non-detects:	2	**Geometric Mean:**	0 CFU/100ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 1 numerical results)

Iron Bacteria (counts)

# samples:	1	**min:**	n/a
# detects:	0	**max:**	n/a
# non-detects:	1	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Mould (total)

# samples:	1	**min:**	0 counts/ml
# detects:	1	**max:**	0 counts/ml
# non-detects:	0	**Geometric Mean:**	0 counts/ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 counts/ml (based on 1 numerical results)

Sulfate Reducing Bacteria

# samples:	1	**min:**	n/a
# detects:	0	**max:**	n/a
# non-detects:	1	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Total Coliforms (counts)

# samples:	21	**min:**	0 counts/100ml
# detects:	21	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 21 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 21 numerical results)

Yeast (total)

# samples:	1	**min:**	0 count/ml
# detects:	1	**max:**	0 count/ml
# non-detects:	0	**Geometric Mean:**	0 count/ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 count/ml (based on 1 numerical results)

Facility:	Distribution Sample Sites
Sampling Point:	Well 4 - Pump OFF (1-7-MD, 305FF)

Aeromonas spp.

# samples:	1	**min:**	0 CFU/100ml
# detects:	1	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 1 numerical results)

Background Bacteria

# samples:	10	**min:**	0 CFU/100ml
# detects:	6	**max:**	< 1 CFU/100ml
# non-detects:	4	**Geometric Mean:**	0 CFU/100ml (based on 6 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 6 numerical results)

Escherichia coli / E. coli (counts)

# samples:	10	**min:**	0 counts/100ml
# detects:	10	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 10 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 10 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	10	**min:**	0 counts/100ml
# detects:	10	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 10 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 10 numerical results)

Fecal non-coliforms

# samples:	6	**min:**	0 CFU/100ml
# detects:	6	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 6 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 6 numerical results)

Heterotrophic Plate Count / HPC

# samples:	1	**min:**	4 CFU/100ml
# detects:	1	**max:**	4 CFU/100ml
# non-detects:	0	**Geometric Mean:**	4 CFU/100ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	4 CFU/100ml (based on 1 numerical results)

Iron Bacteria (counts)

# samples:	1	**min:**	n/a
# detects:	0	**max:**	n/a
# non-detects:	1	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Mould (total)

# samples:	1	**min:**	0 counts/ml
# detects:	1	**max:**	0 counts/ml
# non-detects:	0	**Geometric Mean:**	0 counts/ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 counts/ml (based on 1 numerical results)

Sulfate Reducing Bacteria

# samples:	1	**min:**	n/a
# detects:	0	**max:**	n/a
# non-detects:	1	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Total Coliforms (counts)

# samples:	10	**min:**	0 counts/100ml
# detects:	10	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 10 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 10 numerical results)

Yeast (total)

# samples:	1	**min:**	0 count/ml
# detects:	1	**max:**	0 count/ml
# non-detects:	0	**Geometric Mean:**	0 count/ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	0 count/ml (based on 1 numerical results)

Facility:	Phillips Reservoir; Phillips Reservoir - Plant
Sampling Point:	Phillips Reservoir POTABLE PRIORITY (16-1-IT, 30653)

Aeromonas spp.

# samples:	20	**min:**	0 CFU/100ml
# detects:	20	**max:**	2 CFU/100ml
# non-detects:	0	**Geometric Mean:**	1 CFU/100ml (based on 20 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 20 numerical results)

Background Bacteria

# samples:	45	**min:**	0 CFU/100ml
# detects:	38	**max:**	120 CFU/100ml
# non-detects:	7	**Geometric Mean:**	3 CFU/100ml (based on 38 numerical results)
# of Exceedences:	0	**med:**	1 CFU/100ml (based on 38 numerical results)

Escherichia coli / E. coli (counts)

# samples:	48	**min:**	0 counts/100ml
# detects:	48	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 48 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 48 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	47	**min:**	0 counts/100ml
# detects:	47	**max:**	0 counts/100ml
# non-detects:	0	**Geometric Mean:**	0 counts/100ml (based on 47 numerical results)
# of Exceedences:	0	**med:**	0 counts/100ml (based on 47 numerical results)

Fecal non-coliforms

# samples:	20	**min:**	0 CFU/100ml
# detects:	20	**max:**	0 CFU/100ml
# non-detects:	0	**Geometric Mean:**	0 CFU/100ml (based on 20 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 20 numerical results)

Heterotrophic Plate Count / HPC

# samples:	48	**min:**	0.62 CFU/ml
# detects:	33	**max:**	28 CFU/ml
# non-detects:	15	**Geometric Mean:**	2.06 CFU/ml (based on 33 numerical results)
# of Exceedences:	0	**med:**	1.42 CFU/ml (based on 33 numerical results)

Iron Bacteria (counts)

# samples:	45	**min:**	< 25 CFU/ml
# detects:	4	**max:**	25 CFU/ml
# non-detects:	41	**Geometric Mean:**	25 CFU/ml (based on 4 numerical results)
# of Exceedences:	0	**med:**	25 CFU/ml (based on 4 numerical results)

Mould (total)

# samples:	20	**min:**	0 counts/ml
# detects:	20	**max:**	2.00 counts/ml
# non-detects:	0	**Geometric Mean:**	0.62 counts/ml (based on 20 numerical results)
# of Exceedences:	0	**med:**	0.00 counts/ml (based on 20 numerical results)

Sulfate Reducing Bacteria

# samples:	45	**min:**	P CFU/ml
# detects:	5	**max:**	75 CFU/ml
# non-detects:	40	**Geometric Mean:**	75 CFU/ml (based on 1 numerical results)
# of Exceedences:	0	**med:**	75 CFU/ml (based on 1 numerical results)

Total Coliforms (counts)

# samples:	48	**min:**	0 counts/100ml
# detects:	48	**max:**	78 counts/100ml
# non-detects:	0	**Geometric Mean:**	1.3 counts/100ml (based on 48 numerical results)
# of Exceedences:	8	**med:**	0.0 counts/100ml (based on 48 numerical results)

Yeast (total)

# samples:	20	**min:**	0 count/ml
# detects:	20	**max:**	0.02 count/ml
# non-detects:	0	**Geometric Mean:**	0.82 count/ml (based on 20 numerical results)
# of Exceedences:	0	**med:**	0.00 count/ml (based on 20 numerical results)

Facility:	Phillips Reservoir; Phillips Reservoir - Plant
Sampling Point:	Phillips Reservoir RAW PRIORITY (16-2-SR, 30666)

Aeromonas spp.

# samples:	20	**min:**	6 CFU/100ml
# detects:	20	**max:**	400 CFU/100ml
# non-detects:	0	**Geometric Mean:**	61 CFU/100ml (based on 20 numerical results)
# of Exceedences:	0	**med:**	76 CFU/100ml (based on 20 numerical results)

Background Bacteria

# samples:	45	**min:**	< 1 CFU/100ml
# detects:	44	**max:**	3,800 CFU/100ml
# non-detects:	1	**Geometric Mean:**	204 CFU/100ml (based on 44 numerical results)
# of Exceedences:	18	**med:**	115 CFU/100ml (based on 44 numerical results)

Cryptosporidium spp. (total, confirmed)

# samples:	8	**min:**	n/a
# detects:	0	**max:**	n/a
# non-detects:	8	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Escherichia coli / E. coli (counts)

# samples:	48	**min:**	0 counts/100ml
# detects:	48	**max:**	1.0 counts/100ml
# non-detects:	0	**Geometric Mean:**	1.0 counts/100ml (based on 48 numerical results)
# of Exceedences:	4	**med:**	0.0 counts/100ml (based on 48 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	47	**min:**	0 CFU/100ml
# detects:	32	**max:**	3 CFU/100ml
# non-detects:	15	**Geometric Mean:**	1 CFU/100ml (based on 32 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 32 numerical results)

Fecal non-coliforms

# samples:	20	**min:**	0 CFU/100ml
# detects:	20	**max:**	36 CFU/100ml
# non-detects:	0	**Geometric Mean:**	1 CFU/100ml (based on 20 numerical results)
# of Exceedences:	0	**med:**	0 CFU/100ml (based on 20 numerical results)

Giardia spp. (total, confirmed)

# samples:	8	**min:**	n/a
# detects:	0	**max:**	n/a
# non-detects:	8	**Geometric Mean:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Heterotrophic Plate Count / HPC

# samples:	48	**min:**	< 1.0 CFU/ml
# detects:	47	**max:**	3,226 CFU/ml
# non-detects:	1	**Geometric Mean:**	88.5 CFU/ml (based on 47 numerical results)
# of Exceedences:	11	**med:**	37.0 CFU/ml (based on 47 numerical results)

Iron Bacteria (counts)

# samples:	45	**min:**	< 25 CFU/ml
# detects:	21	**max:**	500 CFU/ml
# non-detects:	24	**Geometric Mean:**	88 CFU/ml (based on 21 numerical results)
# of Exceedences:	0	**med:**	150 CFU/ml (based on 21 numerical results)

Mould (total)

# samples:	20	**min:**	0 counts/ml
# detects:	20	**max:**	4.00 counts/ml
# non-detects:	0	**Geometric Mean:**	1.11 counts/ml (based on 20 numerical results)
# of Exceedences:	0	**med:**	0.00 counts/ml (based on 20 numerical results)

Sulfate Reducing Bacteria

# samples:	45	**min:**	P CFU/ml
# detects:	18	**max:**	75 CFU/ml
# non-detects:	27	**Geometric Mean:**	75 CFU/ml (based on 8 numerical results)
# of Exceedences:	0	**med:**	75 CFU/ml (based on 8 numerical results)

Total Coliforms (counts)

# samples:	48	**min:**	0 CFU/100ml
# detects:	48	**max:**	200 CFU/100ml
# non-detects:	0	**Geometric Mean:**	23.7 CFU/100ml (based on 48 numerical results)
# of Exceedences:	6	**med:**	38.5 CFU/100ml (based on 48 numerical results)

Yeast (total)

# samples:	20	**min:**	0 count/ml
# detects:	20	**max:**	0 count/ml
# non-detects:	0	**Geometric Mean:**	0 count/ml (based on 20 numerical results)
# of Exceedences:	0	**med:**	0 count/ml (based on 20 numerical results)

Result Legend:

P=present, A=absent, PR=presumptive, ND=non-detect, OR=over-range, OG=overgrown, Y=yes, N=no,
TNTC=too numerous to count, NR=no result, NT=not tested, IG=ignore, ER=external report, SC=see comment

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*** Indicates Criteria is exceeded**

APPENDIX D

Water System Data Report Filter Summary

Organization:	City of Cranbrook
User Name:	Jason Perrault
Water System:	City of Cranbrook
Report Name:	2025 Disinfection By-Products - THM
Report Description:	Sample results for THMs for the annual report.
Report Template Name:	Annual Report_Disinfection By-Product - THM
Collection Date Range:	01/01/2025 - 12/31/2025 (mm/dd/yyyy)
Reading Types:	Analyte Report by Sampling Point
Reading Types:	Calculated, Inline Instrument, Lab Data Transfer, Laboratory Report, Test Kit
Calculate Exceedances:	Apply Measurement Criteria
Show Records for Exceedances Only:	No
Suppress Lists with no Records:	Yes
Treatment of ND Results with Detection Limits in Reports Statistics:	Non-Detect (results are ignored in average statistics)
Treatment of OR Results with Detection Limits in Reports Statistics:	Over-Range (results are ignored in average statistics)
Grouped By:	Water System, List by: Analyte
Sort Records By:	Collection Date

2025 Disinfection By-Products - THM
01/01/2025 - 12/31/2025 (mm/dd/yyyy)

City of Cranbrook
City of Cranbrook

Bromodichloromethane (dichlorobromomethane)

# samples:	26	**min:**	< 0.0010 mg/L
# detects:	19	**max:**	0.00472 mg/L
# non-detects:	7	**avg:**	0.00255 mg/L (based on 19 numerical results)
# of Exceedences:	0	**med:**	0.00250 mg/L (based on 19 numerical results)

Bromoform

# samples:	26	**min:**	< 1.0 ug/L
# detects:	0	**max:**	< 1.0 ug/L
# non-detects:	26	**avg:**	n/a (based on 0 numerical results)
# of Exceedences:	0	**med:**	n/a (based on 0 numerical results)

Chloroform

# samples:	26	**min:**	11 ug/L
# detects:	26	**max:**	72 ug/L
# non-detects:	0	**avg:**	44.6 ug/L (based on 26 numerical results)
# of Exceedences:	0	**med:**	43.0 ug/L (based on 26 numerical results)

Dibromochloromethane (Chlorodibromomethane)

# samples:	26	**min:**	< 1.0 ug/L
# detects:	2	**max:**	3.2 ug/L
# non-detects:	24	**avg:**	3.0 ug/L (based on 2 numerical results)
# of Exceedences:	0	**med:**	3.0 ug/L (based on 2 numerical results)

THM Yearly Averages

Bromodichloromethane	Bromoform	Chloroform	Dibromochloromethane	Total Average	MAC
0.00255	< 1.0	44.6	3.0	47.56409	100

Result Legend:

P=present, A=absent, PR=presumptive, ND=non-detect, OR=over-range, OG=overgrown, Y=yes, N=no,
TNTC=too numerous to count, NR=no result, NT=not tested, IG=ignore, ER=external report, SC=see comment

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Water System Data Report Filter Summary

Organization:	City of Cranbrook
User Name:	Jason Perrault
Water System:	City of Cranbrook
Report Name:	2025 Disinfection By-Products - HAA
Report Description:	Sample results for HAA for the Annual Report
Report Template Name:	Annual Report_Disinfection By-Products - HAA
Collection Date Range:	01/01/2025 - 12/31/2025 (mm/dd/yyyy)
Reading Types:	Analyte Report by Sampling Point
Reading Types:	Calculated, Inline Instrument, Lab Data Transfer, Laboratory Report, Test Kit
Calculate Exceedances:	Apply Measurement Criteria
Show Records for Exceedances Only:	No
Suppress Lists with no Records:	Yes
Treatment of ND Results with Detection Limits in Reports Statistics:	Non-Detect (results are ignored in average statistics)
Treatment of OR Results with Detection Limits in Reports Statistics:	Over-Range (results are ignored in average statistics)
Grouped By:	Water System, List by: Analyte
Sort Records By:	Collection Date

Bromochloroacetic acid

# samples:	12	**min:**	n/a
# detects:	0	**max:**	n/a
# non-detects:	12	**avg:**	n/a (based on 0 numerical results)
# of Exceedences:	0		

Dibromoacetic acid

# samples:	26	**min:**	< 5.0 ug/L
# detects:	0	**max:**	< 5.0 ug/L
# non-detects:	26	**avg:**	n/a (based on 0 numerical results)
# of Exceedences:	0		

Dichloroacetic acid

# samples:	26	**min:**	< 5.0 ug/L
# detects:	25	**max:**	29.8 ug/L
# non-detects:	1	**avg:**	15.76 ug/L (based on 25 numerical results)
# of Exceedences:	0		

Monobromoacetic acid

# samples:	26	**min:**	< 5.0 ug/L
# detects:	0	**max:**	< 5.0 ug/L
# non-detects:	26	**avg:**	n/a (based on 0 numerical results)
# of Exceedences:	0		

Monochloroacetic acid

# samples:	26	**min:**	< 5.0 ug/L
# detects:	0	**max:**	< 5.0 ug/L
# non-detects:	26	**avg:**	n/a (based on 0 numerical results)
# of Exceedences:	0		

Trichloroacetic acid

# samples:	26	**min:**	< 5.0 ug/L
# detects:	25	**max:**	38 ug/L
# non-detects:	1	**avg:**	20.58 ug/L (based on 25 numerical results)
# of Exceedences:	0		

HAA Yearly Averages

Bromochloroacetic acid	Dibromoacetic acid	Dichloroacetic acid	Monobromoacetic acid	Monochloroacetic acid	Trichloroacetic acid	Total Average	MAC
n/a	n/a	15.76	n/a	n/a	20.58	36.3432	80

Result Legend:

P=present, A=absent, PR=presumptive, ND=non-detect, OR=over-range, OG=overgrown, Y=yes, N=no,
TNTC=too numerous to count, NR=no result, NT=not tested, IG=ignore, ER=external report, SC=see comment

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*** Indicates Criteria is exceeded**

APPENDIX E

Report Name: Production Wells.
Water System Data Report Filter Summary

Organization:	City of Cranbrook
User Name:	Jason Perrault
Water System:	City of Cranbrook
Report Description:	Report from Production Well #3, located at the City of Cranbrook Fire Hall, and Well #4 located
Report Template Name:	Annual Reports - Production Wells
Collection Date Range:	01/01/2025 - 12/31/2025 (mm/dd/yyyy)

Aluminum (total)				
# samples:	2	**min:**	< 0.0030	mg/L
# detects:	0	**max:**	< 0.0030	mg/L
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Ammonia (total, as N)				
# samples:	22	**min:**	1.50	ug/L
# detects:	7	**max:**	28	ug/L
# non-detects:	15	**avg:**	18.36	ug/L (based on 7 numerical results)
# exceedances:	0	**med:**	20.00	ug/L (based on 7 numerical results)
Antimony (total)				
# samples:	2	**min:**	< 0.00050	mg/L
# detects:	0	**max:**	< 0.00050	mg/L
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Arsenic (total)				
# samples:	2	**min:**	0.00032	mg/L
# detects:	1	**max:**	0.00032	mg/L
# non-detects:	1	**avg:**	0.00032	mg/L (based on 1 numerical results)
# exceedances:	0	**med:**	0.00032	mg/L (based on 1 numerical results)
Barium (total)				
# samples:	2	**min:**	0.028	mg/L
# detects:	2	**max:**	0.142	mg/L
# non-detects:	0	**avg:**	0.085	mg/L (based on 2 numerical results)
# exceedances:	0	**med:**	0.085	mg/L (based on 2 numerical results)
Beryllium (total)				
# samples:	2	**min:**	< 0.00010	mg/L
# detects:	0	**max:**	< 0.00010	mg/L
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Boron (total)				

# samples:	2	**min:**	< 0.05	mg/L
# detects:	0	**max:**	< 0.05	mg/L
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Cadmium (total)				
# samples:	2	**min:**	< 0.000010	mg/L
# detects:	0	**max:**	< 0.000010	mg/L
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Calcium (total)				
# samples:	2	**min:**	26.9	mg/L
# detects:	2	**max:**	59.6	mg/L
# non-detects:	0	**avg:**	43.3	mg/L (based on 2 numerical results)
# exceedances:	0	**med:**	43.3	mg/L (based on 2 numerical results)
Chloride				
# samples:	21	**min:**	2.72	mg/L
# detects:	21	**max:**	58	mg/L
# non-detects:	0	**avg:**	43.75	mg/L (based on 21 numerical results)
# exceedances:	0	**med:**	53.00	mg/L (based on 21 numerical results)
Chromium (total)				
# samples:	2	**min:**	< 0.0010	mg/L
# detects:	0	**max:**	< 0.0010	mg/L
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Cobalt (total)				
# samples:	2	**min:**	< 0.00020	mg/L
# detects:	0	**max:**	< 0.00020	mg/L
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Copper (total)				
# samples:	2	**min:**	0.00204	mg/L
# detects:	2	**max:**	0.015	mg/L
# non-detects:	0	**avg:**	0.00852	mg/L (based on 2 numerical results)
# exceedances:	0	**med:**	0.00852	mg/L (based on 2 numerical results)
Escherichia coli / E. coli (counts)				
# samples:	46	**min:**	0	counts/100ml
# detects:	46	**max:**	0	counts/100ml
# non-detects:	0	**Geometric Mean**	0	counts/100ml (based on 46 numerical results)
# exceedances:	0	**med:**	0	counts/100ml (based on 46 numerical results)
Fluoride				

# samples:	21	**min:**	< 0.050	mg/L
# detects:	19	**max:**	0.560	mg/L
# non-detects:	2	**avg:**	0.119	mg/L (based on 19 numerical results)
# exceedances:	0	**med:**	0.091	mg/L (based on 19 numerical results)
Gold (total)				
# samples:	1	**min:**	n/a	
# detects:	0	**max:**	n/a	
# non-detects:	1	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Iron (total)				
# samples:	2	**min:**	< 0.0050	mg/L
# detects:	1	**max:**	0.066	mg/L
# non-detects:	1	**avg:**	0.066	mg/L (based on 1 numerical results)
# exceedances:	0	**med:**	0.066	mg/L (based on 1 numerical results)
Lanthanum (total)				
# samples:	1	**min:**	n/a	
# detects:	0	**max:**	n/a	
# non-detects:	1	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Lead (total)				
# samples:	2	**min:**	0.55	ug/L
# detects:	2	**max:**	1.65	ug/L
# non-detects:	0	**avg:**	1.10	ug/L (based on 2 numerical results)
# exceedances:	0	**med:**	1.10	ug/L (based on 2 numerical results)
Magnesium (total)				
# samples:	2	**min:**	6.35	mg/L
# detects:	2	**max:**	49.5	mg/L
# non-detects:	0	**avg:**	27.93	mg/L (based on 2 numerical results)
# exceedances:	0	**med:**	27.93	mg/L (based on 2 numerical results)
Manganese (total)				
# samples:	22	**min:**	< 0.0010	mg/L
# detects:	8	**max:**	0.0206	mg/L
# non-detects:	14	**avg:**	0.0173	mg/L (based on 8 numerical results)
# exceedances:	2	**med:**	0.0195	mg/L (based on 8 numerical results)
Mercury (total)				
# samples:	2	**min:**	0.0000032	mg/L
# detects:	1	**max:**	0.0000032	mg/L
# non-detects:	1	**avg:**	0.0000032	mg/L (based on 1 numerical results)
# exceedances:	0	**med:**	0.0000032	mg/L (based on 1 numerical results)
Molybdenum (total)				

# samples:	2	**min:**	< 0.0010	mg/L
# detects:	1	**max:**	0.010	mg/L
# non-detects:	1	**avg:**	0.010	mg/L (based on 1 numerical results)
# exceedances:	0	**med:**	0.010	mg/L (based on 1 numerical results)
Nickel (total)				
# samples:	2	**min:**	< 0.0010	mg/L
# detects:	0	**max:**	< 0.0010	mg/L
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Nitrate (as N)				
# samples:	22	**min:**	0.0222	mg/L
# detects:	22	**max:**	1.96	mg/L
# non-detects:	0	**avg:**	1.5241	mg/L (based on 22 numerical results)
# exceedances:	0	**med:**	1.8400	mg/L (based on 22 numerical results)
Nitrite (as N)				
# samples:	22	**min:**	0.000400	mg/L
# detects:	1	**max:**	< 0.0050	mg/L
# non-detects:	21	**avg:**	0.000400	mg/L (based on 1 numerical results)
# exceedances:	0	**med:**	0.000400	mg/L (based on 1 numerical results)
o-Phosphate (as P)				
# samples:	19	**min:**	< 0.0030	mg/L
# detects:	13	**max:**	0.0098	mg/L
# non-detects:	6	**avg:**	0.0062	mg/L (based on 13 numerical results)
# exceedances:	0	**med:**	0.0062	mg/L (based on 13 numerical results)
Phosphorus (total dissolved)				
# samples:	19	**min:**	< 0.0030	mg/L
# detects:	8	**max:**	0.0094	mg/L
# non-detects:	11	**avg:**	0.0071	mg/L (based on 8 numerical results)
# exceedances:	0	**med:**	0.0079	mg/L (based on 8 numerical results)
Phosphorus (total)				
# samples:	21	**min:**	< 0.0030	mg/L
# detects:	11	**max:**	0.017	mg/L
# non-detects:	10	**avg:**	0.0075	mg/L (based on 11 numerical results)
# exceedances:	0	**med:**	0.0069	mg/L (based on 11 numerical results)
Potassium (total)				
# samples:	2	**min:**	0.380	mg/L
# detects:	2	**max:**	3.04	mg/L
# non-detects:	0	**avg:**	1.710	mg/L (based on 2 numerical results)
# exceedances:	0	**med:**	1.710	mg/L (based on 2 numerical results)
Scandium (total)				

# samples:	1	**min:**	n/a	
# detects:	0	**max:**	n/a	
# non-detects:	1	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Selenium (total)				
# samples:	2	**min:**	0.00016	mg/L
# detects:	1	**max:**	0.00016	mg/L
# non-detects:	1	**avg:**	0.00016	mg/L (based on 1 numerical results)
# exceedances:	0	**med:**	0.00016	mg/L (based on 1 numerical results)
Silicon (total, as Si)				
# samples:	2	**min:**	7.41	mg/L
# detects:	2	**max:**	7.96	mg/L
# non-detects:	0	**avg:**	7.69	mg/L (based on 2 numerical results)
# exceedances:	0	**med:**	7.69	mg/L (based on 2 numerical results)
Silver (total)				
# samples:	2	**min:**	< 0.000020	mg/L
# detects:	0	**max:**	< 0.000020	mg/L
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Sodium (total)				
# samples:	2	**min:**	1.94	mg/L
# detects:	2	**max:**	20.2	mg/L
# non-detects:	0	**avg:**	11.07	mg/L (based on 2 numerical results)
# exceedances:	0	**med:**	11.07	mg/L (based on 2 numerical results)
Strontium (total)				
# samples:	2	**min:**	0.040	mg/L
# detects:	2	**max:**	0.354	mg/L
# non-detects:	0	**avg:**	0.197	mg/L (based on 2 numerical results)
# exceedances:	0	**med:**	0.197	mg/L (based on 2 numerical results)
Sulphate				
# samples:	21	**min:**	0.932	mg/L
# detects:	21	**max:**	34	mg/L
# non-detects:	0	**avg:**	28.016	mg/L (based on 21 numerical results)
# exceedances:	0	**med:**	31.000	mg/L (based on 21 numerical results)
Tin (total)				
# samples:	2	**min:**	< 0.0050	mg/L
# detects:	0	**max:**	< 0.0050	mg/L
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Titanium (total)				

# samples:	2	**min:**	< 0.0050	mg/L
# detects:	0	**max:**	< 0.0050	mg/L
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Total Coliforms (counts)				
# samples:	46	**min:**	0	counts/100ml
# detects:	46	**max:**	2.0	counts/100ml
# non-detects:	0	**Geometric Mean**	1.0	counts/100ml (based on 46 numerical results)
# exceedances:	1	**med:**	0.0	counts/100ml (based on 46 numerical results)
Tungsten (total)				
# samples:	1	**min:**	n/a	
# detects:	0	**max:**	n/a	
# non-detects:	1	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Vanadium (total)				
# samples:	2	**min:**	< 0.0050	mg/L
# detects:	0	**max:**	< 0.0050	mg/L
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)
Zinc (total)				
# samples:	2	**min:**	< 0.0050	mg/L
# detects:	1	**max:**	0.024	mg/L
# non-detects:	1	**avg:**	0.024	mg/L (based on 1 numerical results)
# exceedances:	0	**med:**	0.024	mg/L (based on 1 numerical results)

Result Legend:

P=present, A=absent, PR=presumptive, ND=non-detect, OR=over-range, OG=overgrown, Y=yes, N=no,

TNTC=too numerous to count, NR=no result, NT=not tested, IG=ignore, ER=external report, SC=see comment

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*** Indicates Criteria is exceeded**

APPENDIX F

Water System Data Report Filter Summary

Organization:	City of Cranbrook
User Name:	Jason Perrault
Water System:	City of Cranbrook
Report Name:	Manganese (Total/Dissolved) - Phillips Reservoir
Report Description:	Total and Dissolved Manganese for Phillips Reservoir Raw and Potable (Disinfected) Water. Results are from all dates stored within the WaterTrax software
Report Template Name:	Manganese (Total/ Dissolved) - Phillips Reservoir
Collection Date Range:	01/01/2025 - 12/31/2025 (mm/dd/yyyy)
Reading Types:	Analyte Report by Sampling Point
Reading Types:	Calculated, Inline Instrument, Lab Data Transfer, Laboratory Report, Test Kit
Calculate Exceedances:	Apply Measurement Criteria
Show Records for Exceedances Only:	Yes
Suppress Lists with no Records:	Yes
Treatment of ND Results with Detection Limits in Reports Statistics:	Non-Detect (results are ignored in average statistics)
Treatment of OR Results with Detection Limits in Reports Statistics:	Over-Range (results are ignored in average statistics)
Grouped By:	Sampling Point, List by: Analyte
Sort Records By:	Collection Date

Facility:	Phillips Reservoir; Phillips Reservoir - Plant
Sampling Point:	Phillips Reservoir POTABLE PRIORITY (16-1-IT, 30653)

Facility:	Phillips Reservoir; Phillips Reservoir - Plant
Sampling Point:	Phillips Reservoir RAW PRIORITY (16-2-SR, 30666)

Manganese (total)		Criteria		Measurement Name	Detection Limit/MDL	Sampling Point Name	Lab/Us
* 01/06/2025 10:15	0.163 mg/L	<=0.12	MAC	Manganese (total)		Phillips Reservoir RAW PRIORITY	MB Lab

# samples:	51	**min:**	0.0030 mg/L
# detects:	51	**max:**	0.163 mg/L
# non-detects:	0	**avg:**	0.0211 mg/L (based on 51 numerical results)
# of Exceedences:	1		

Result Legend:

P=present, A=absent, PR=presumptive, ND=non-detect, OR=over-range, OG=overgrown, Y=yes, N=no,
TNTC=too numerous to count, NR=no result, NT=not tested, IG=ignore, ER=external report, SC=see comment

< means less than lower detection limit shown
> means greater than upper detection limit shown
« means detected & less than number shown
» means detected & greater than number shown

*** Indicates Criteria is exceeded**

Water System Data Report Filter Summary

Organization:	City of Cranbrook
User Name:	Jason Perrault
Water System:	City of Cranbrook
Report Name:	Manganese - Distribution System
Report Description:	Report on the City of Cranbrook Water Distribution System
Report Template Name:	Manganese - Distribution System
Collection Date Range:	01/01/2025 - 12/31/2025 (mm/dd/yyyy)
Reading Types:	Analyte Report by Sampling Point
Reading Types:	Lab Data Transfer, Laboratory Report, Test Kit
Calculate Exceedances:	Only Use Water System Criteria
Show Records for Exceedances Only:	No
Suppress Lists with no Records:	Yes
Treatment of ND Results with Detection Limits in Reports Statistics:	Non-Detect (results are ignored in average statistics)
Treatment of OR Results with Detection Limits in Reports Statistics:	Over-Range (results are ignored in average statistics)
Grouped By:	Sampling Point, List by: Analyte
Sort Records By:	Collection Date

Facility: Distribution Sample Sites
Sampling Point: City Works Yard-Janitors Room (1-11-MD, 3066D)

Manganese (total)		Sampling Point Name	Measurement Name	Lab/User Name	Criteria	
11/18/2025 13:30	0.0049 mg/L	City Works Yard-Janitors Room	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/19/2025 14:00	0.0052 mg/L	City Works Yard-Janitors Room	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/20/2025 14:00	0.0078 mg/L	City Works Yard-Janitors Room	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC

# samples:	3	**min:**	0.0049 mg/L
# detects:	3	**max:**	0.0078 mg/L
# non-detects:	0	**avg:**	0.0060 mg/L (based on 3 numerical results)
# of Exceedences:	0		

Facility: Distribution Sample Sites
Sampling Point: Gyro Park- Sampling Tap (1-17-MD, 30673)

Manganese (dissolved)		Sampling Point Name	Measurement Name	Lab/User Name	Criteria
[illegible]	[illegible]	Gyro Park- Sampling Tap	[illegible]	[illegible]	
03/28/2025	0.072 mg/L	Gyro Park- Sampling Tap	Manganese	Jodi Schmideder	
04/15/2025	0.056 mg/L	Gyro Park- Sampling Tap	Manganese	Jodi Schmideder	
04/25/2025	0.032 mg/L	Gyro Park- Sampling Tap	Manganese	Jodi Schmideder	
05/13/2025	0.000 mg/L	Gyro Park- Sampling Tap	Manganese	Jodi Schmideder	
05/29/2025	0.000 mg/L	Gyro Park- Sampling Tap	Manganese	Jodi Schmideder	
06/12/2025	0.063 mg/L	Gyro Park- Sampling Tap	Manganese	Jodi Schmideder	
07/09/2025	0.052 mg/L	Gyro Park- Sampling Tap	Manganese	Jodi Schmideder	
08/13/2025	0.043 mg/L	Gyro Park- Sampling Tap	Manganese	Jodi Schmideder	

# samples:	9	**min:**	0.000 mg/L

# detects:	9	**max:**	0.072 mg/L
# non-detects:	0	**avg:**	0.042 mg/L (based on 9 numerical results)
# of Exceedences:	0		

Facility: Distribution Sample Sites
Sampling Point: PR 1 Sampling Tap - PRIORITY (1-1-MD, 305F9)

Manganese (dissolved)		Sampling Point Name	Measurement Name	Lab/User Name	Criteria
03/14/2025	0.042 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Jodi Schmideder	
03/28/2025	0.189 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Jodi Schmideder	
04/15/2025	0.041 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Jodi Schmideder	
04/25/2025	0.047 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Jodi Schmideder	
05/13/2025	0.022 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Jodi Schmideder	
05/29/2025	0.027 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Jodi Schmideder	
06/12/2025	0.005 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Jodi Schmideder	
07/11/2025	0.036 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Jodi Schmideder	
07/22/2025	0.089 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Jodi Schmideder	
08/08/2025	0.025 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Jodi Schmideder	
08/13/2025	0.024 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Jodi Schmideder	
10/07/2025	0.054 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Weekend Operator	
10/23/2025	0.018 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Weekend Operator	
11/04/2025	0.032 mg/L	PR 1 Sampling Tap - PRIORITY	Manganese	Weekend Operator	

# samples:	14	**min:**	0.005 mg/L
# detects:	14	**max:**	0.189 mg/L
# non-detects:	0	**avg:**	0.047 mg/L (based on 14 numerical results)
# of Exceedences:	0		

Manganese (total)			Sampling Point Name	Measurement Name	Lab/User Name	Criteria	
01/20/2025 09:35	0.025	mg/L	PR 1 Sampling Tap - PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
04/14/2025 09:40	0.015	mg/L	PR 1 Sampling Tap - PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
04/14/2025 09:40	0.015	mg/L	PR 1 Sampling Tap - PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
07/02/2025 09:10	0.0075	mg/L	PR 1 Sampling Tap - PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
10/06/2025 09:30	0.0105	mg/L	PR 1 Sampling Tap - PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/18/2025 09:40	0.0404	mg/L	PR 1 Sampling Tap - PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/19/2025 10:00	0.0043	mg/L	PR 1 Sampling Tap - PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/20/2025 09:50	0.0038	mg/L	PR 1 Sampling Tap - PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC

# samples:	8	**min:**	0.0038 mg/L
# detects:	8	**max:**	0.0404 mg/L
# non-detects:	0	**avg:**	0.0152 mg/L (based on 8 numerical results)
# of Exceedences:	0		

Facility: Distribution Sample Sites
Sampling Point: PR 11 Sampling Tap (1-4-MD, 305FC)

Manganese (dissolved)			Sampling Point Name	Measurement Name	Lab/User Name	Criteria
03/20/2025	0.096	mg/L	PR 11 Sampling Tap	Manganese	Jodi Schmideder	
06/19/2025	0.0025	mg/L	PR 11 Sampling Tap	Manganese	Jodi Schmideder	

# samples:	2	**min:**	0.0025 mg/L
# detects:	2	**max:**	0.096 mg/L
# non-detects:	0	**avg:**	0.0493 mg/L (based on 2 numerical results)
# of Exceedences:	0		

Manganese (total)	Sampling Point Name	Measurement Name	Lab/User Name	Criteria

01/20/2025 10:50	0.022 mg/L	PR 11 Sampling Tap	Manganese (total)	MB Labs	<=0.12	MAC
02/10/2025 11:00	0.055 mg/L	PR 11 Sampling Tap	Manganese (total)	MB Labs	<=0.12	MAC

Manganese (total)			Sampling Point Name	Measurement Name	Lab/User Name	Criteria	
03/17/2025 13:15	0.018	mg/L	PR 11 Sampling Tap	Manganese (total)	MB Labs	<=0.12	MAC
04/14/2025 10:50	0.013	mg/L	PR 11 Sampling Tap	Manganese (total)	MB Labs	<=0.12	MAC
04/14/2025 10:50	0.013	mg/L	PR 11 Sampling Tap	Manganese (total)	MB Labs	<=0.12	MAC
06/23/2025	0.0034	mg/L	PR 11 Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
07/02/2025 10:45	0.0057	mg/L	PR 11 Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
10/06/2025 13:00	0.0107	mg/L	PR 11 Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
*** 11/18/2025 11:15**	**0.134**	**mg/L**	**PR 11 Sampling Tap**	**Manganese (total)**	**Bureau Veritas Canada (Burnaby)**	**<=0.12**	**MAC**
11/19/2025 13:30	0.0055	mg/L	PR 11 Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/20/2025 11:45	0.0023	mg/L	PR 11 Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC

# samples:	11	**min:**	0.0023 mg/L
# detects:	11	**max:**	0.134 mg/L
# non-detects:	0	**avg:**	0.0257 mg/L (based on 11 numerical results)
# of Exceedences:	1		

Facility: Distribution Sample Sites
Sampling Point: PR 12 Sampling Tap (1-5-MD, 305FD)

Manganese (dissolved)			Sampling Point Name	Measurement Name	Lab/User Name	Criteria
03/06/2025	0.063	mg/L	PR 12 Sampling Tap	Manganese	Jason Perrault	
03/20/2025	0.058	mg/L	PR 12 Sampling Tap	Manganese	Jodi Schmideder	
04/15/2025	0.041	mg/L	PR 12 Sampling Tap	Manganese	Jodi Schmideder	
04/17/2025	0.045	mg/L	PR 12 Sampling Tap	Manganese	Jodi Schmideder	
05/02/2025	0.026	mg/L	PR 12 Sampling Tap	Manganese	Jodi Schmideder	
06/05/2025	0.015	mg/L	PR 12 Sampling Tap	Manganese	Jodi Schmideder	
06/19/2025	0.0097	mg/L	PR 12 Sampling Tap	Manganese	Jodi Schmideder	
08/08/2025	0.073	mg/L	PR 12 Sampling Tap	Manganese	Jodi Schmideder	
09/04/2025	0.119	mg/L	PR 12 Sampling Tap	Manganese	Jodi Schmideder	
10/07/2025	0.004	mg/L	PR 12 Sampling Tap	Manganese	Weekend Operator	

Manganese (dissolved)		Sampling Point Name	Measurement Name	Lab/User Name	Criteria
12/09/2025	0.025 mg/L	PR 12 Sampling Tap	Manganese	Weekend Operator	
12/17/2025	0.028 mg/L	PR 12 Sampling Tap	Manganese	Weekend Operator	

# samples:	12	**min:**	0.004 mg/L
# detects:	12	**max:**	0.119 mg/L
# non-detects:	0	**avg:**	0.0422 mg/L (based on 12 numerical results)
# of Exceedences:	0		

Manganese (total)		Sampling Point Name	Measurement Name	Lab/User Name	Criteria	
02/10/2025 10:00	0.016 mg/L	PR 12 Sampling Tap	Manganese (total)	MB Labs	<=0.12	MAC
03/17/2025 11:00	0.013 mg/L	PR 12 Sampling Tap	Manganese (total)	MB Labs	<=0.12	MAC
06/23/2025 10:30	0.0095 mg/L	PR 12 Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/18/2025 10:30	0.0062 mg/L	PR 12 Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/19/2025 12:50	0.0034 mg/L	PR 12 Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/20/2025 10:30	0.0042 mg/L	PR 12 Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC

# samples:	6	**min:**	0.0034 mg/L
# detects:	6	**max:**	0.016 mg/L
# non-detects:	0	**avg:**	0.0087 mg/L (based on 6 numerical results)
# of Exceedences:	0		

Facility: Distribution Sample Sites
Sampling Point: PR 2 Sampling Tap PRIORITY (1-2-MD, 305FA)

Manganese (dissolved)		Sampling Point Name	Measurement Name	Lab/User Name	Criteria
03/06/2025	0.083 mg/L	PR 2 Sampling Tap PRIORITY	Manganese	Jason Perrault	
03/20/2025	0.136 mg/L	PR 2 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
04/17/2025	0.032 mg/L	PR 2 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	

Manganese (dissolved)		Sampling Point Name	Measurement Name	Lab/User Name	Criteria
05/02/2025	0.038 mg/L	PR 2 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
06/05/2025	0.030 mg/L	PR 2 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
06/19/2025	0.0078 mg/L	PR 2 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
08/08/2025	0.018 mg/L	PR 2 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
09/04/2025	0.082 mg/L	PR 2 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
10/07/2025	0.059 mg/L	PR 2 Sampling Tap PRIORITY	Manganese	Weekend Operator	
11/26/2025	0.099 mg/L	PR 2 Sampling Tap PRIORITY	Manganese	Weekend Operator	
12/09/2025	0.075 mg/L	PR 2 Sampling Tap PRIORITY	Manganese	Weekend Operator	
12/17/2025	0.016 mg/L	PR 2 Sampling Tap PRIORITY	Manganese	Weekend Operator	

# samples:	12	**min:**	0.0078 mg/L
# detects:	12	**max:**	0.136 mg/L
# non-detects:	0	**avg:**	0.0563 mg/L (based on 12 numerical results)
# of Exceedences:	0		

Manganese (total)		Sampling Point Name	Measurement Name	Lab/User Name	Criteria	
01/13/2025 10:00	0.021 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
01/27/2025 10:45	0.019 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
02/10/2025 09:30	0.025 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
02/10/2025 09:30	0.025 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
03/17/2025 10:45	0.021 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
03/24/2025 10:15	0.018 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
04/07/2025 09:45	0.013 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
04/22/2025 10:53	0.030 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
05/05/2025 08:00	0.094 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC

Manganese (total)		Sampling Point Name	Measurement Name	Lab/User Name	Criteria	
06/23/2025 10:45	0.0046 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/18/2025 10:00	0.0072 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/19/2025 10:15	0.0038 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/20/2025 10:15	0.0021 mg/L	PR 2 Sampling Tap PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC

# samples:	13	**min:**	0.0021 mg/L
# detects:	13	**max:**	0.094 mg/L
# non-detects:	0	**avg:**	0.0218 mg/L (based on 13 numerical results)
# of Exceedences:	0		

Facility: Distribution Sample Sites
Sampling Point: PR 4- Sample Tap (1-16-MD, 30672)

Manganese (dissolved)		Sampling Point Name	Measurement Name	Lab/User Name	Criteria
03/20/2025	0.069 mg/L	PR 4- Sample Tap	Manganese	Jodi Schmideder	
04/15/2025	0.055 mg/L	PR 4- Sample Tap	Manganese	Jodi Schmideder	
04/17/2025	0.035 mg/L	PR 4- Sample Tap	Manganese	Jodi Schmideder	
05/02/2025	0.046 mg/L	PR 4- Sample Tap	Manganese	Jodi Schmideder	
06/12/2025	0.038 mg/L	PR 4- Sample Tap	Manganese	Jodi Schmideder	
06/19/2025	0.0080 mg/L	PR 4- Sample Tap	Manganese	Jodi Schmideder	
08/08/2025	0.022 mg/L	PR 4- Sample Tap	Manganese	Jodi Schmideder	
09/04/2025	0.103 mg/L	PR 4- Sample Tap	Manganese	Jodi Schmideder	
10/07/2025	0.105 mg/L	PR 4- Sample Tap	Manganese	Weekend Operator	
11/26/2025	0.013 mg/L	PR 4- Sample Tap	Manganese	Weekend Operator	
12/09/2025	0.055 mg/L	PR 4- Sample Tap	Manganese	Weekend Operator	
12/17/2025	0.032 mg/L	PR 4- Sample Tap	Manganese	Weekend Operator	

# samples:	12	**min:**	0.0080 mg/L
# detects:	12	**max:**	0.105 mg/L
# non-detects:	0	**avg:**	0.0484 mg/L (based on 12 numerical results)

# of Exceedences:	0

Manganese (total)			**Sampling Point Name**	**Measurement Name**	**Lab/User Name**	**Criteria**	
03/17/2025 10:00	0.014	mg/L	PR 4- Sample Tap	Manganese (total)	MB Labs	<=0.12	MAC
06/23/2025	0.0047	mg/L	PR 4- Sample Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC

# samples:	2	**min:**	0.0047 mg/L
# detects:	2	**max:**	0.014 mg/L
# non-detects:	0	**avg:**	0.0094 mg/L (based on 2 numerical results)
# of Exceedences:	0		

Facility:	Distribution Sample Sites
Sampling Point:	PR 6 - Sampling Tap (1-12-MD, 3066E)

Manganese (total)			**Sampling Point Name**	**Measurement Name**	**Lab/User Name**	**Criteria**	
*** 11/18/2025 10:50**	**0.153**	**mg/L**	**PR 6 - Sampling Tap**	**Manganese (total)**	**Bureau Veritas Canada (Burnaby)** Bureau Veritas	**<=0.12**	**MAC**
11/19/2025 11:40	0.0036	mg/L	PR 6 - Sampling Tap	Manganese (total)	Canada (Burnaby)	<=0.12	MAC
11/20/2025 11:00	0.0231	mg/L	PR 6 - Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC

# samples:	3	**min:**	0.0036 mg/L
# detects:	3	**max:**	0.153 mg/L
# non-detects:	0	**avg:**	0.0599 mg/L (based on 3 numerical results)
# of Exceedences:	1		

Facility: Distribution Sample Sites
Sampling Point: PR 8 - Sampling Tap (1-20-MD, 30677)

Manganese (total)		Sampling Point Name	Measurement Name	Lab/User Name	Criteria	
11/18/2025 11:30	0.0027 mg/L	PR 8 - Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/19/2025 11:25	0.0047 mg/L	PR 8 - Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC

Manganese (total)			Sampling Point Name	Measurement Name	Lab/User Name	Criteria	
11/20/2025 13:35	0.0034	mg/L	PR 8 - Sampling Tap	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC

# samples:	3	**min:**	0.0027 mg/L
# detects:	3	**max:**	0.0047 mg/L
# non-detects:	0	**avg:**	0.0036 mg/L (based on 3 numerical results)
# of Exceedences:	0		

Facility: Distribution Sample Sites
Sampling Point: PR 9 Sampling Tap PRIORITY (1-3-MD, 305FB)

Manganese (dissolved)			Sampling Point Name	Measurement Name	Lab/User Name	Criteria
03/14/2025	0.019	mg/L	PR 9 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
03/28/2025	0.080	mg/L	PR 9 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
04/15/2025	0.065	mg/L	PR 9 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
04/25/2025	0.063	mg/L	PR 9 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
05/13/2025	0.010	mg/L	PR 9 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
05/29/2025	0.017	mg/L	PR 9 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
06/12/2025	0.000	mg/L	PR 9 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
07/09/2025	0.035	mg/L	PR 9 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
08/08/2025	0.059	mg/L	PR 9 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
08/13/2025	0.036	mg/L	PR 9 Sampling Tap PRIORITY	Manganese	Jodi Schmideder	
10/23/2025	0.016	mg/L	PR 9 Sampling Tap PRIORITY	Manganese	Weekend Operator	
11/26/2025	0.079	mg/L	PR 9 Sampling Tap PRIORITY	Manganese	Weekend Operator	

# samples:	12	**min:**	0.000 mg/L
# detects:	12	**max:**	0.080 mg/L
# non-detects:	0	**avg:**	0.040 mg/L (based on 12 numerical results)

# of Exceedences:	0

Manganese (total)			Sampling Point Name	Measurement Name	Lab/User Name	Criteria	
01/20/2025 13:10	0.018	mg/L	PR 9 Sampling Tap PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
04/14/2025 13:50	0.010	mg/L	PR 9 Sampling Tap PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
04/14/2025 13:50	0.010	mg/L	PR 9 Sampling Tap PRIORITY	Manganese (total)	MB Labs	<=0.12	MAC
07/02/2025 11:15	0.0045	mg/L	PR 9 Sampling Tap PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
10/06/2025 13:30	0.0062	mg/L	PR 9 Sampling Tap PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/18/2025 13:15	0.0028	mg/L	PR 9 Sampling Tap PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/19/2025 11:00	0.0053	mg/L	PR 9 Sampling Tap PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC
11/20/2025 13:30	0.0032	mg/L	PR 9 Sampling Tap PRIORITY	Manganese (total)	Bureau Veritas Canada (Burnaby)	<=0.12	MAC

# samples:	8	**min:**	0.0028 mg/L
# detects:	8	**max:**	0.018 mg/L
# non-detects:	0	**avg:**	0.0075 mg/L (based on 8 numerical results)
# of Exceedences:	0		

Result Legend:

P=present, A=absent, PR=presumptive, ND=non-detect, OR=over-range, OG=overgrown, Y=yes, N=no,
TNTC=too numerous to count, NR=no result, NT=not tested, IG=ignore, ER=external report, SC=see comment

< means less than lower detection limit shown
> means greater than upper detection limit shown
« means detected & less than number shown
» means detected & greater than number shown

*** Indicates Criteria is exceeded**