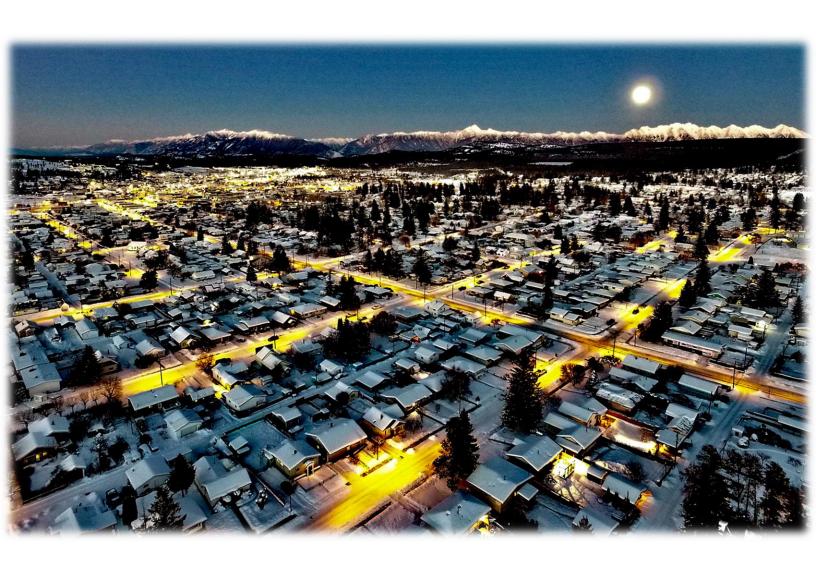**City of Cranbrook**
2024 Annual Water Report

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.

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 M.B. Laboratories Ltd.

During the summer months watershed catchments that lead to the Phillips reservoir are monitored using the SCADA and collecting samples monthly.

OPERATIONS

14 certified operators operate the water and wastewater systems for the city. In 2024, a total of 43 repairs were completed on the drinking water system.

The City's production ground water wells were not operational due to major repairs required. All repairs were completed in the fall of 2024.

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 and staff are in the initial planning stages of constructing a new ultraviolet (UV) disinfection facility. The new facility is planned to be operational in 2028.

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.

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.

APPENDICES

EXCEEDANCES

When there is an exceedance of water quality parameters after treatment 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, the area will be flushed and re-sampled.

Phillips Reservoir – Potable

Report Name: Phillips Reservoir - Potable, Inorganic

Water System Data Report Filter Summary

Water System:	City of Cranbrook
Report Description:	Annual report for inorganic parameters from the Phillips Reservoir surface water source, post disinfection process.
Report Template Name:	Annual Reports - Phillips Potable.
Collection Date Range:	01/01/2024 - 12/31/2024 (mm/dd/yyyy)
Report Type:	Analyte Report by Sampling Point
Reading Types:	Lab Data Transfer, Laboratory Report
Calculate Exceedances:	Apply Measurement Criteria

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

Aluminum (total)

# samples:	3	**min:**	0.074	mg/L
# detects:	2	**max:**	0.229	mg/L
# non-detects:	1	**avg:**	0.152	mg/L (based on 2 numerical results)
# exceedances:	1	**med:**	0.152	mg/L (based on 2 numerical results)

Action:	**Continue to flush and monitor**

Ammonia (total, as N)

# samples:	49	min:	1.50	ug/L
# detects:	22	max:	3,400	ug/L
# non-detects:	27	avg:	166.06	ug/L (based on 22 numerical results)
# exceedances:	0	med:	5.00	ug/L (based on 22 numerical results)

Antimony (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Arsenic (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Barium (total)

# samples:	3	min:	0.011	mg/L
# detects:	3	max:	0.035	mg/L
# non-detects:	0	avg:	0.023	mg/L (based on 3 numerical results)
# exceedances:	0	med:	0.023	mg/L (based on 3 numerical results)

Beryllium (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Boron (total)

# samples:	3	min:	0.402	mg/L
# detects:	2	max:	0.800	mg/L
# non-detects:	1	avg:	0.601	mg/L (based on 2 numerical results)
# exceedances:	0	med:	0.601	mg/L (based on 2 numerical results)

Cadmium (total)

# samples:	3	**min:**	n/a	
# detects:	0	**max:**	n/a	
# non-detects:	3	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)

Calcium (total)

# samples:	3	**min:**	12.0	mg/L
# detects:	3	**max:**	32.4	mg/L
# non-detects:	0	**avg:**	22.3	mg/L (based on 3 numerical results)
# exceedances:	0	**med:**	22.5	mg/L (based on 3 numerical results)

Chloride

# samples:	47	**min:**	0.150	mg/L
# detects:	34	**max:**	10.8	mg/L
# non-detects:	13	**avg:**	3.009	mg/L (based on 34 numerical results)
# exceedances:	0	**med:**	2.290	mg/L (based on 34 numerical results)

Chromium (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Cobalt (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Copper (total)

# samples:	3	min:	0.010	mg/L
# detects:	3	max:	0.034	mg/L
# non-detects:	0	avg:	0.026	mg/L (based on 3 numerical results)
# exceedances:	0	med:	0.033	mg/L (based on 3 numerical results)

Fluoride

# samples:	47	min:	0.080	mg/L
# detects:	38	max:	0.850	mg/L
# non-detects:	9	avg:	0.414	mg/L (based on 38 numerical results)
# exceedances:	0	med:	0.392	mg/L (based on 38 numerical results)

Gold (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Iron (total)

# samples:	3	min:	0.031	mg/L
# detects:	3	max:	0.077	mg/L
# non-detects:	0	avg:	0.054	mg/L (based on 3 numerical results)
# exceedances:	0	med:	0.053	mg/L (based on 3 numerical results)

Lanthanum (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Lead (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Magnesium (total)

# samples:	3	min:	3.31	mg/L
# detects:	3	max:	8.50	mg/L
# non-detects:	0	avg:	5.82	mg/L (based on 3 numerical results)
# exceedances:	0	med:	5.64	mg/L (based on 3 numerical results)

Manganese (total)

# samples:	52	**min:**	0.001	mg/L
# detects:	50	**max:**	0.025	mg/L
# non-detects:	2	**avg:**	0.012	mg/L (based on 50 numerical results)
# exceedances:	0	**med:**	0.011	mg/L (based on 50 numerical results)

Mercury (total)

# samples:	3	**min:**	n/a	
# detects:	0	**max:**	n/a	
# non-detects:	3	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)

Molybdenum (total)

# samples:	3	**min:**	n/a	
# detects:	0	**max:**	n/a	
# non-detects:	3	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)

Nickel (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Nitrate (as N)

# samples:	49	min:	0.00110	mg/L
# detects:	35	max:	0.0504	mg/L
# non-detects:	14	avg:	0.01971	mg/L (based on 35 numerical results)
# exceedances:	0	med:	0.01620	mg/L (based on 35 numerical results)

Nitrite (as N)

# samples:	49	min:	0.00470	mg/L
# detects:	1	max:	0.00470	mg/L
# non-detects:	48	avg:	0.00470	mg/L (based on 1 numerical results)
# exceedances:	0	med:	0.00470	mg/L (based on 1 numerical results)

o-Phosphate (as P)

# samples:	2	min:	3.90	ug/L
# detects:	2	max:	6.50	ug/L
# non-detects:	0	avg:	5.20	ug/L (based on 2 numerical results)
# exceedances:	0	med:	5.20	ug/L (based on 2 numerical results)

Phosphate (dissolved, as P)

# samples:	2	min:	6.80	ug/L
# detects:	2	max:	11.2	ug/L
# non-detects:	0	avg:	9.00	ug/L (based on 2 numerical results)
# exceedances:	0	med:	9.00	ug/L (based on 2 numerical results)

Phosphate (total, as P)

# samples:	2	min:	8.20	ug/L
# detects:	2	max:	12.9	ug/L
# non-detects:	0	avg:	10.55	ug/L (based on 2 numerical results)
# exceedances:	0	med:	10.55	ug/L (based on 2 numerical results)

Phosphorus (total)

# samples:	3	**min:**	n/a	
# detects:	0	**max:**	n/a	
# non-detects:	3	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)

Potassium (total)

# samples:	3	**min:**	0.210	mg/L
# detects:	3	**max:**	0.600	mg/L
# non-detects:	0	**avg:**	0.377	mg/L (based on 3 numerical results)
# exceedances:	0	**med:**	0.320	mg/L (based on 3 numerical results)

Scandium (total)

# samples:	3	**min:**	n/a	
# detects:	0	**max:**	n/a	
# non-detects:	3	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)

Selenium (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Silicon (total, as Si)

# samples:	3	min:	4.00	mg/L
# detects:	3	max:	8.01	mg/L
# non-detects:	0	avg:	5.99	mg/L (based on 3 numerical results)
# exceedances:	0	med:	5.97	mg/L (based on 3 numerical results)

Silver (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Sodium (total)

# samples:	3	min:	1.76	mg/L
# detects:	2	max:	3.61	mg/L
# non-detects:	1	avg:	2.69	mg/L (based on 2 numerical results)
# exceedances:	0	med:	2.69	mg/L (based on 2 numerical results)

Strontium (total)

# samples:	3	min:	0.010	mg/L
# detects:	3	max:	0.050	mg/L
# non-detects:	0	avg:	0.030	mg/L (based on 3 numerical results)
# exceedances:	0	med:	0.030	mg/L (based on 3 numerical results)

Sulphate

# samples:	47	min:	0.433	mg/L
# detects:	44	max:	5.36	mg/L
# non-detects:	3	avg:	1.313	mg/L (based on 44 numerical results)
# exceedances:	0	med:	1.095	mg/L (based on 44 numerical results)

Tin (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Titanium (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Tungsten (total)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Vanadium (total)

# samples:	3	min:	0.442	mg/L
# detects:	1	max:	0.442	mg/L
# non-detects:	2	avg:	0.442	mg/L (based on 1 numerical results)
# exceedances:	0	med:	0.442	mg/L (based on 1 numerical results)

Zinc (total)

# samples:	3	min:	0.003	mg/L
# detects:	3	max:	0.018	mg/L
# non-detects:	0	avg:	0.013	mg/L (based on 3 numerical results)
# exceedances:	0	med:	0.017	mg/L (based on 3 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

Report Name: Distribution Route 1 - Bacteriological

Water System Data Report Filter Summary

Organization:	City of Cranbrook
Water System:	City of Cranbrook
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:	01/01/2024 - 12/31/2024 (mm/dd/yyyy)

Facility:	Distribution Sample Sites
Sampling Point:	Chamber of Commerce-Coffee Sink (1-13-MD, 3066F)

Escherichia coli / E. coli (counts)

# samples:	3	min:	0	counts/100ml
# detects:	3	max:	0	counts/100ml
# non-detects:		**Geometric**		counts/100ml (based on 3
	0	**Mean:**	0	numerical results)
# exceedances:				counts/100ml (based on 3
	0	med:	0	numerical results)

Total Coliforms (counts)

# samples:	3	min:	0	counts/100ml
# detects:	3	max:	0	counts/100ml
# non-detects:		**Geometric**		counts/100ml (based on 3
	0	**Mean:**	0	numerical results)
# exceedances:				counts/100ml (based on 3
	0	med:	0	numerical results)

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

Escherichia coli / E. coli (counts)

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

# exceedances:				counts/100ml (based on 22
	0	med:	0	numerical results)

Total Coliforms (counts)

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

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

Escherichia coli / E. coli (counts)

# samples:	22	min:	0	counts/100ml
# detects:	21	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 21
	1	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 21
	0	med:	0	numerical results)

Total Coliforms (counts)

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

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

Escherichia coli / E. coli (counts)

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

Total Coliforms (counts)

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

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

Escherichia coli / E. coli (counts)

# samples:	22	min:	0	counts/100ml
# detects:	21	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 21
	1	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 21
	0	med:	0	numerical results)

Total Coliforms (counts)

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

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

Escherichia coli / E. coli (counts)

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

Total Coliforms (counts)

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

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

Escherichia coli / E. coli (counts)

# samples:	1	min:	0	counts/100ml
# detects:	1	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 1
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 1
	0	med:	0	numerical results)

Total Coliforms (counts)

# samples:	1	min:	0	counts/100ml
# detects:	1	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 1
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 1
	0	med:	0	numerical results)

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

Escherichia coli / E. coli (counts)

# samples:	1	min:	0	counts/100ml
# detects:	1	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 1
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 1
	0	med:	0	numerical results)

Total Coliforms (counts)

# samples:	1	min:	0	counts/100ml
# detects:	1	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 1
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 1
	0	med:	0	numerical results)

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

Escherichia coli / E. coli (counts)

# samples:	7	min:	0	counts/100ml
# detects:	7	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 7
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 7
	0	med:	0	numerical results)

Total Coliforms (counts)

# samples:	7	min:	0	counts/100ml
# detects:	7	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 7
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 7
	0	med:	0	numerical results)

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

Escherichia coli / E. coli (counts)

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

Total Coliforms (counts)

# samples:	25	min:	0	counts/100ml

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

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

Escherichia coli / E. coli (counts)

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

Total Coliforms (counts)

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

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

Escherichia coli / E. coli (counts)

# samples:	46	min:	0	counts/100ml
# detects:	44	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 44
	2	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 44
	0	med:	0	numerical results)

Total Coliforms (counts)

# samples:	47	min:	0	counts/100ml
# detects:	47	max:	0	counts/100ml

# non-detects:		**Geometric**		counts/100ml (based on 47
	0	**Mean:**	0	numerical results)
# exceedances:				counts/100ml (based on 47
	0	**med:**	0	numerical results)

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

Escherichia coli / E. coli (counts)

# samples:	46	min:	0	counts/100ml
# detects:	44	max:	2	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 44
	2	Mean:	1	numerical results)
# exceedances:				counts/100ml (based on 44
	2	med:	0	numerical results)
Action:		Continue to flush and monitor		

Total Coliforms (counts)

# samples:	48	min:	2	CFU/100ml
# detects:	48	max:	1,250	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 48
	0	Mean:	26	numerical results)
# exceedances:				CFU/100ml (based on 48
	4	med:	24	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**

Report Name: Distribution Route 2- Bacteriological

Organization:	City of Cranbrook
Water System:	City of Cranbrook
Report Template Name:	Annual Report - Distribution Route 2 - Micro
Collection Date Range:	01/01/2024 - 12/31/2024 (mm/dd/yyyy)

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

Aeromonas spp.

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

Background Bacteria

# samples:	27	**min:**	0	CFU/100ml
# detects:	27	**max:**	0	CFU/100ml
# non-detects:		**Geometric**		CFU/100ml (based on 27
	0	**Mean:**	0	numerical results)
# exceedances:				CFU/100ml (based on 27
	0	**med:**	0	numerical results)

Escherichia coli / E. coli (counts)

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

Fecal (thermal tolerant) Coliforms (counts)

# samples:	27	**min:**	0	counts/100ml

# detects:	27	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 27
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 27
	0	med:	0	numerical results)

Fecal non-coliforms

# samples:	27	min:	0	CFU/100ml
# detects:	27	max:	0	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 27
	0	Mean:	0	numerical results)
# exceedances:				CFU/100ml (based on 27
	0	med:	0	numerical results)

Heterotrophic Plate Count / HPC

# samples:	3	min:	0	CFU/100ml
# detects:	3	max:	0	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 3
	0	Mean:	0	numerical results)
# exceedances:				CFU/100ml (based on 3
	0	med:	0	numerical results)

Iron Bacteria (counts)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Mould (total)

# samples:	3	min:	0	counts/ml
# detects:	3	max:	0	counts/ml
# non-detects:		Geometric		counts/ml (based on 3 numerical
	0	Mean:	0	results)
# exceedances:				counts/ml (based on 3 numerical
	0	med:	0	results)

Sulfate Reducing Bacteria

# samples:	3	min:	n/a	

# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Total Coliforms (counts)

# samples:	27	min:	0	counts/100ml
# detects:	27	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 27
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 27
	0	med:	0	numerical results)

Yeast (total)

# samples:	3	min:	0	count/ml
# detects:	3	max:	0	count/ml
# non-detects:		Geometric		count/ml (based on 3 numerical
	0	Mean:	0	results)
# exceedances:				count/ml (based on 3 numerical
	0	med:	0	results)

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

Aeromonas spp.

# samples:	23	min:	0	CFU/100ml
# detects:	22	max:	0	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 22
	1	Mean:	0	numerical results)
# exceedances:				CFU/100ml (based on 22
	0	med:	0	numerical results)

Background Bacteria

# samples:	24	min:	0	CFU/100ml
# detects:	24	max:	14	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 24
	0	Mean:	1	numerical results)
# exceedances:				CFU/100ml (based on 24
	0	med:	0	numerical results)

Escherichia coli / E. coli (counts)

# samples:	24	min:	0	counts/100ml
# detects:	23	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 23
	1	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 23
	0	med:	0	numerical results)

Fecal (thermal tolerant) Coliforms (counts)

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

Fecal non-coliforms

# samples:	24	min:	0	CFU/100ml
# detects:	24	max:	0	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 24
	0	Mean:	0	numerical results)
# exceedances:				CFU/100ml (based on 24
	0	med:	0	numerical results)

Heterotrophic Plate Count / HPC

# samples:	23	min:	0	CFU/100ml
# detects:	23	max:	216	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 23
	0	Mean:	9	numerical results)
# exceedances:				CFU/100ml (based on 23
	0	med:	12	numerical results)

Iron Bacteria (counts)

# samples:	23	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	23	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Mould (total)

# samples:	23	min:	0	counts/ml
# detects:	23	max:	0.02	counts/ml
# non-detects:		**Geometric**		counts/ml (based on 23
	0	**Mean:**	0.71	numerical results)
# exceedances:				counts/ml (based on 23
	0	med:	0.00	numerical results)

Sulfate Reducing Bacteria

# samples:	23	min:	P	CFU/ml
# detects:	1	max:	P	CFU/ml
# non-detects:	22	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Total Coliforms (counts)

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

Yeast (total)

# samples:	23	min:	0	count/ml
# detects:	23	max:	0	count/ml
# non-detects:		**Geometric**		count/ml (based on 23 numerical
	0	**Mean:**	0	results)
# exceedances:				count/ml (based on 23 numerical
	0	med:	0	results)

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

Aeromonas spp.

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

# exceedances:				CFU/100ml (based on 4
	0	med:	0	numerical results)

Background Bacteria

# samples:	24	min:	0	CFU/100ml
# detects:	24	max:	68	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 24
	0	Mean:	1	numerical results)
# exceedances:				CFU/100ml (based on 24
	0	med:	0	numerical results)

Escherichia coli / E. coli (counts)

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

Fecal (thermal tolerant) Coliforms (counts)

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

Fecal non-coliforms

# samples:	24	min:	0	CFU/100ml
# detects:	24	max:	0	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 24
	0	Mean:	0	numerical results)
# exceedances:				CFU/100ml (based on 24
	0	med:	0	numerical results)

Heterotrophic Plate Count / HPC

# samples:	4	min:	4	CFU/100ml
# detects:	4	max:	8	CFU/100ml

# non-detects:		Geometric		CFU/100ml (based on 4
	0	Mean:	6	numerical results)
# exceedances:				CFU/100ml (based on 4
	0	med:	6	numerical results)

Iron Bacteria (counts)

# samples:	4	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	4	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Mould (total)

# samples:	4	min:	0	counts/ml
# detects:	4	max:	0	counts/ml
# non-detects:		Geometric		counts/ml (based on 4 numerical
	0	Mean:	0	results)
# exceedances:				counts/ml (based on 4 numerical
	0	med:	0	results)

Sulfate Reducing Bacteria

# samples:	4	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	4	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Total Coliforms (counts)

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

Yeast (total)

# samples:	4	min:	0	count/ml
# detects:	4	max:	0	count/ml
# non-detects:		Geometric		count/ml (based on 4 numerical
	0	Mean:	0	results)

# exceedances:				count/ml (based on 4 numerical
	0	**med:**	0	results)

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

Aeromonas spp.

# samples:	3	min:	0	CFU/100ml
# detects:	3	max:	0	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 3
	0	Mean:	0	numerical results)
# exceedances:				CFU/100ml (based on 3
	0	med:	0	numerical results)

Background Bacteria

# samples:	24	min:	0	CFU/100ml
# detects:	24	max:	12	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 24
	0	Mean:	1	numerical results)
# exceedances:				CFU/100ml (based on 24
	0	med:	0	numerical results)

Escherichia coli / E. coli (counts)

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

Fecal (thermal tolerant) Coliforms (counts)

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

Fecal non-coliforms

# samples:	24	min:	0	CFU/100ml
# detects:	24	max:	0	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 24
	0	Mean:	0	numerical results)
# exceedances:				CFU/100ml (based on 24
	0	med:	0	numerical results)

Heterotrophic Plate Count / HPC

# samples:	3	min:	4	CFU/100ml
# detects:	3	max:	10	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 3
	0	Mean:	6	numerical results)
# exceedances:				CFU/100ml (based on 3
	0	med:	6	numerical results)

Iron Bacteria (counts)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Mould (total)

# samples:	3	min:	0	counts/ml
# detects:	3	max:	0	counts/ml
# non-detects:		Geometric		counts/ml (based on 3 numerical
	0	Mean:	0	results)
# exceedances:				counts/ml (based on 3 numerical
	0	med:	0	results)

Sulfate Reducing Bacteria

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Total Coliforms (counts)

# samples:	24	min:	0	counts/100ml

# detects:	24	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 24
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 24
	0	med:	0	numerical results)

Yeast (total)

# samples:	3	min:	0	count/ml
# detects:	3	max:	0	count/ml
# non-detects:		Geometric		count/ml (based on 3 numerical
	0	Mean:	0	results)
# exceedances:				count/ml (based on 3 numerical
	0	med:	0	results)

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

Aeromonas spp.

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

Background Bacteria

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

Escherichia coli / E. coli (counts)

# samples:	10	min:	0	counts/100ml
# detects:	9	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 9
	1	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 9
	0	med:	0	numerical results)

Fecal (thermal tolerant) Coliforms (counts)

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

Fecal non-coliforms

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

Heterotrophic Plate Count / HPC

# samples:	2	min:	20	CFU/100ml
# detects:	2	max:	117	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 2
	0	Mean:	48	numerical results)
# exceedances:				CFU/100ml (based on 2
	0	med:	69	numerical results)

Iron Bacteria (counts)

# samples:	2	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	2	avg:	n/a	(based on 0 numerical results)
# exceedances:	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:		Geometric		counts/ml (based on 2 numerical
	0	Mean:	0	results)
# exceedances:				counts/ml (based on 2 numerical
	0	med:	0	results)

Sulfate Reducing Bacteria

# samples:	2	min:	n/a	
# detects:	0	max:	n/a	
# 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:	10	min:	0	counts/100ml
# detects:	10	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 10
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 10
	0	med:	0	numerical results)

Yeast (total)

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

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

Aeromonas spp.

# samples:	3	min:	0	CFU/100ml
# detects:	3	max:	0	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 3
	0	Mean:	0	numerical results)
# exceedances:				CFU/100ml (based on 3
	0	med:	0	numerical results)

Background Bacteria

# samples:	18	min:	0	CFU/100ml
# detects:	18	max:	0	CFU/100ml

# non-detects:	0	Geometric Mean:	0	CFU/100ml (based on 18 numerical results)
# exceedances:	0	med:	0	CFU/100ml (based on 18 numerical results)

Escherichia coli / E. coli (counts)

# samples:	18	min:	0	counts/100ml
# detects:	18	max:	0	counts/100ml
# non-detects:	0	Geometric Mean:	0	counts/100ml (based on 18 numerical results)
# exceedances:	0	med:	0	counts/100ml (based on 18 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	18	min:	0	counts/100ml
# detects:	18	max:	0	counts/100ml
# non-detects:	0	Geometric Mean:	0	counts/100ml (based on 18 numerical results)
# exceedances:	0	med:	0	counts/100ml (based on 18 numerical results)

Fecal non-coliforms

# samples:	18	min:	0	CFU/100ml
# detects:	18	max:	0	CFU/100ml
# non-detects:	0	Geometric Mean:	0	CFU/100ml (based on 18 numerical results)
# exceedances:	0	med:	0	CFU/100ml (based on 18 numerical results)

Heterotrophic Plate Count / HPC

# samples:	4	min:	42	CFU/100ml
# detects:			13,00	
	4	max:	0	CFU/100ml
# non-detects:	0	Geometric Mean:	1,272	CFU/100ml (based on 4 numerical results)
# exceedances:	3	med:	2,900	CFU/100ml (based on 4 numerical results)

Iron Bacteria (counts)

# samples:	4	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	4	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Mould (total)

# samples:	3	min:	0	counts/ml
# detects:	3	max:	3.2	counts/ml
# non-detects:		Geometric		counts/ml (based on 3 numerical
	0	Mean:	1.5	results)
# exceedances:				counts/ml (based on 3 numerical
	0	med:	0.0	results)

Sulfate Reducing Bacteria

# samples:	4	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	4	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Total Coliforms (counts)

# samples:	18	min:	0	counts/100ml
# detects:	18	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 18
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 18
	0	med:	0	numerical results)

Yeast (total)

# samples:	3	min:	0	count/ml
# detects:	3	max:	0	count/ml
# non-detects:		Geometric		count/ml (based on 3 numerical
	0	Mean:	0	results)
# exceedances:				count/ml (based on 3 numerical
	0	med:	0	results)

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

Aeromonas spp.

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

Background Bacteria

# samples:	24	min:	0	CFU/100ml
# detects:	24	max:	0	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 24
	0	Mean:	0	numerical results)
# exceedances:				CFU/100ml (based on 24
	0	med:	0	numerical results)

Escherichia coli / E. coli (counts)

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

Fecal (thermal tolerant) Coliforms (counts)

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

Fecal non-coliforms

# samples:	24	min:	0	CFU/100ml
# detects:	24	max:	0	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 24
	0	Mean:	0	numerical results)

# exceedances:				CFU/100ml (based on 24
	0	**med:**	0	numerical results)

Heterotrophic Plate Count / HPC

# samples:	2	**min:**	0	CFU/100ml
# detects:	2	**max:**	4	CFU/100ml
# non-detects:		**Geometric**		CFU/100ml (based on 2
	0	**Mean:**	2	numerical results)
# exceedances:				CFU/100ml (based on 2
	0	**med:**	2	numerical results)

Iron Bacteria (counts)

# samples:	2	**min:**	n/a	
# detects:	0	**max:**	n/a	
# non-detects:	2	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	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:		**Geometric**		counts/ml (based on 2 numerical
	0	**Mean:**	0	results)
# exceedances:				counts/ml (based on 2 numerical
	0	**med:**	0	results)

Sulfate Reducing Bacteria

# samples:	2	**min:**	n/a	
# detects:	0	**max:**	n/a	
# 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:	24	**min:**	0	counts/100ml
# detects:	24	**max:**	0	counts/100ml
# non-detects:		**Geometric**		counts/100ml (based on 24
	0	**Mean:**	0	numerical results)
# exceedances:				counts/100ml (based on 24
	0	**med:**	0	numerical results)

Yeast (total)

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

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

Aeromonas spp.

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

Background Bacteria

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

Escherichia coli / E. coli (counts)

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

Fecal (thermal tolerant) Coliforms (counts)

# samples:	20	min:	0	counts/100ml

# detects:	20	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 20
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 20
	0	med:	0	numerical results)

Fecal non-coliforms

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

Heterotrophic Plate Count / HPC

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

Iron Bacteria (counts)

# samples:	2	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	2	avg:	n/a	(based on 0 numerical results)
# exceedances:	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:		Geometric		counts/ml (based on 2 numerical
	0	Mean:	0	results)
# exceedances:				counts/ml (based on 2 numerical
	0	med:	0	results)

Sulfate Reducing Bacteria

# samples:	2	min:	n/a	

# detects:	0	max:	n/a	
# 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:	20	min:	0	counts/100ml
# detects:	20	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 20
	0	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 20
	0	med:	0	numerical results)

Yeast (total)

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

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

Aeromonas spp.

# samples:	46	min:	0	CFU/100ml
# detects:	44	max:	0	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 44
	2	Mean:	0	numerical results)
# exceedances:				CFU/100ml (based on 44
	0	med:	0	numerical results)

Anaerobic Plate Count

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

Background Bacteria

# samples:	47	min:	0	CFU/100ml
# detects:	47	max:	800	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 47
	0	Mean:	1	numerical results)
# exceedances:				CFU/100ml (based on 47
	1	med:	0	numerical results)

Action: Continue to flush and monitor

Enterococcus (counts)

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

Escherichia coli / E. coli (counts)

# samples:	46	min:	0	counts/100ml
# detects:	44	max:	0	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 44
	2	Mean:	0	numerical results)
# exceedances:				counts/100ml (based on 44
	0	med:	0	numerical results)

Fecal (thermal tolerant) Coliforms (counts)

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

Fecal non-coliforms

# samples:	47	min:	0	CFU/100ml
# detects:	47	max:	0	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 47
	0	Mean:	0	numerical results)

# exceedances:				CFU/100ml (based on 47
	0	med:	0	numerical results)

Heterotrophic Plate Count / HPC

# samples:	47	min:	0.30	CFU/ml
# detects:	47	max:	78.0	CFU/ml
# non-detects:		Geometric		CFU/ml (based on 47 numerical
	0	Mean:	1.38	results)
# exceedances:				CFU/ml (based on 47 numerical
	0	med:	1.01	results)

Iron Bacteria (counts)

# samples:	47	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	47	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Mould (total)

# samples:	47	min:	0	counts/ml
# detects:	47	max:	4.00	counts/ml
# non-detects:		Geometric		counts/ml (based on 47
	0	Mean:	0.83	numerical results)
# exceedances:				counts/ml (based on 47
	0	med:	0.00	numerical results)

Sulfate Reducing Bacteria

# samples:	47	min:	P	CFU/ml
# detects:	5	max:	P	CFU/ml
# non-detects:	42	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Total Coliforms (counts)

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

Yeast (total)

# samples:	47	min:	0	count/ml	
# detects:	47	max:	0.02	count/ml	
# non-detects:		Geometric		count/ml (based on 47 numerical	
	0	Mean:	0.92	results)	
# exceedances:				count/ml (based on 47 numerical	
	0	med:	0.00	results)	

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

Aeromonas spp.

# samples:	46	min:	0	CFU/100ml	
# detects:	46	max:	800	CFU/100ml	
# non-detects:		Geometric		CFU/100ml (based on 46	
	0	Mean:	70.8	numerical results)	
# exceedances:				CFU/100ml (based on 46	
	0	med:	60.0	numerical results)	

Anaerobic Plate Count

# samples:	2	min:	10.0	CFU/ml	
# detects:	2	max:	14.0	CFU/ml	
# non-detects:		Geometric		CFU/ml (based on 2 numerical	
	0	Mean:	11.8	results)	
# exceedances:				CFU/ml (based on 2 numerical	
	0	med:	12.0	results)	

Background Bacteria

# samples:	48	min:	200	CFU/100ml	
# detects:	48	max:	5,800	CFU/100ml	
# non-detects:		Geometric		CFU/100ml (based on 48	
	0	Mean:	1,267	numerical results)	
# exceedances:				CFU/100ml (based on 48	
	40	med:	1,600	numerical results)	

Action: Continue to flush and monitor

Cryptosporidium spp. (total, confirmed)

# samples:	9	min:	0.46	counts/100L	

# detects:	4	max:	1.8	counts/100L
# non-detects:		Geometric		counts/100L (based on 4
	5	Mean:	1.07	numerical results)
# exceedances:				counts/100L (based on 4
	0	med:	1.26	numerical results)

Enterococcus (counts)

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

Escherichia coli / E. coli (counts)

# samples:	46	min:	0	counts/100ml
# detects:	44	max:	2	counts/100ml
# non-detects:		Geometric		counts/100ml (based on 44
	2	Mean:	1	numerical results)
# exceedances:				counts/100ml (based on 44
	2	med:	0	numerical results)

Action: Continue to flush and monitor

Fecal (thermal tolerant) Coliforms (counts)

# samples:	48	min:	0	CFU/100ml
# detects:	48	max:	12	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 48
	0	Mean:	1	numerical results)
# exceedances:				CFU/100ml (based on 48
	0	med:	0	numerical results)

Fecal non-coliforms

# samples:	48	min:	0	CFU/100ml
# detects:	48	max:	118	CFU/100ml
# non-detects:		Geometric		CFU/100ml (based on 48
	0	Mean:	4	numerical results)
# exceedances:				CFU/100ml (based on 48
	0	med:	4	numerical results)

Giardia spp. (total, confirmed)

# samples:	9	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	9	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Heterotrophic Plate Count / HPC

# samples:	48	min:	120	CFU/ml
# detects:	48	max:	5,968	CFU/ml
# non-detects:		Geometric		CFU/ml (based on 48 numerical results)
	0	Mean:	770	
# exceedances:				CFU/ml (based on 48 numerical results)
	35	med:	744	

Action: Continue to flush and monitor

Iron Bacteria (counts)

# samples:	48	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	48	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Mould (total)

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

Sulfate Reducing Bacteria

# samples:	48	min:	P	CFU/ml
# detects:	33	max:	P	CFU/ml
# non-detects:	15	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Total Coliforms (counts)

# samples:	48	min:	2	CFU/100ml
# detects:	48	max:	1,250	CFU/100ml

# non-detects:		Geometric		CFU/100ml (based on 48
	0	Mean:	26	numerical results)
# exceedances:				CFU/100ml (based on 48
	4	med:	24	numerical results)

Action: Continue to flush and monitor

Yeast (total)

# samples:	48	min:	0	count/ml
# detects:	48	max:	0	count/ml
# non-detects:		Geometric		count/ml (based on 48 numerical
	0	Mean:	0	results)
# exceedances:				count/ml (based on 48 numerical
	0	med:	0	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

Phillips Reservoir – Raw, Inorganic

Report Name: Annual Report - Distribution Route 2-Microbiology

Water System Data Report Filter Summary

Organization:	City of Cranbrook
Water System:	City of Cranbrook
Report Description:	
Report Template Name:	Annual Report - Distribution Route 2 - Micro
Collection Date Range:	01/01/2024 - 12/31/2024 (mm/dd/yyyy)
Sampling Point	City Works Yard-Janitors Room (1-11-MD, 3066D)

Aeromonas spp.

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

Background Bacteria

# samples:	27	**min:**	0	CFU/100ml
# detects:	27	**max:**	0	CFU/100ml
# non-detects:	0	**Geometric Mean:**	0	CFU/100ml (based on 27 numerical results)
# exceedances:	0	**med:**	0	CFU/100ml (based on 27 numerical results)

Escherichia coli / E. coli (counts)

# samples:	27	**min:**	0	counts/100ml
# detects:	27	**max:**	0	counts/100ml
# non-detects:	0	**Geometric Mean:**	0	counts/100ml (based on 27 numerical results)

# exceedances:	0	med:	0	counts/100ml (based on 27 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	27	min:	0	counts/100ml
# detects:	27	max:	0	counts/100ml
# non-detects:	0	Geometric Mean:	0	counts/100ml (based on 27 numerical results)
# exceedances:	0	med:	0	counts/100ml (based on 27 numerical results)

Yeast (total)

# samples:	3	min:	0	count/ml
# detects:	3	max:	0	count/ml
# non-detects:	0	Geometric Mean:	0	count/ml (based on 3 numerical results)
# exceedances:	0	med:	0	count/ml (based on 3 numerical results)

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

Aeromonas spp.

# samples:	23	min:	0	CFU/100ml
# detects:	22	max:	0	CFU/100ml
# non-detects:	1	Geometric Mean:	0	CFU/100ml (based on 22 numerical results)
# exceedances:	0	med:	0	CFU/100ml (based on 22 numerical results)

Background Bacteria

# samples:	24	min:	0	CFU/100ml
# detects:	24	max:	14	CFU/100ml
# non-detects:	0	Geometric Mean:	1	CFU/100ml (based on 24 numerical results)
# exceedances:	0	med:	0	CFU/100ml (based on 24 numerical results)

Total 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)
# exceedances:	0	**med:**		0	counts/100ml (based on 24 numerical results)

Yeast (total)

# samples:	23	**min:**		0	count/ml
# detects:	23	**max:**		0	count/ml
# non-detects:	0	**Geometric Mean:**		0	count/ml (based on 23 numerical results)
# exceedances:	0	**med:**		0	count/ml (based on 23 numerical results)

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

Escherichia coli / E. coli (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)
# exceedances:	0	med:	0	counts/100ml (based on 24 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)
# exceedances:	0	med:	0	counts/100ml (based on 24 numerical results)

Fecal non-coliforms

# samples:	24	min:	0	CFU/100ml
# detects:	24	max:	0	CFU/100ml
# non-detects:	0	Geometric Mean:	0	CFU/100ml (based on 24 numerical results)
# exceedances:	0	med:	0	CFU/100ml (based on 24 numerical results)

Heterotrophic Plate Count / HPC

# samples:	3	min:	4	CFU/100ml
# detects:	3	max:	10	CFU/100ml
# non-detects:	0	Geometric Mean:	6	CFU/100ml (based on 3 numerical results)
# exceedances:	0	med:	6	CFU/100ml (based on 3 numerical results)

Iron Bacteria (counts)

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Mould (total)

# samples:	3	min:	0	counts/ml
# detects:	3	max:	0	counts/ml
# non-detects:	0	Geometric Mean:	0	counts/ml (based on 3 numerical results)
# exceedances:	0	med:	0	counts/ml (based on 3 numerical results)

Sulfate Reducing Bacteria

# samples:	3	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	3	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Total 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)
# exceedances:	0	med:	0	counts/100ml (based on 24 numerical results)

Yeast (total)

# samples:	3	min:	0	count/ml
# detects:	3	max:	0	count/ml
# non-detects:	0	Geometric Mean:	0	count/ml (based on 3 numerical results)
# exceedances:	0	med:	0	count/ml (based on 3 numerical results)

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

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)
# exceedances:	0	med:	0	CFU/100ml (based on 2 numerical results)

Background Bacteria

# 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)
# exceedances:	0	med:	0	CFU/100ml (based on 10 numerical results)

Escherichia coli / E. coli (counts)

# samples:	10	min:	0	counts/100ml
# detects:	9	max:	0	counts/100ml
# non-detects:	1	Geometric Mean:	0	counts/100ml (based on 9 numerical results)
# exceedances:	0	med:	0	counts/100ml (based on 9 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)
# exceedances:	0	med:	0	counts/100ml (based on 10 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)
# exceedances:	0	med:		0	CFU/100ml (based on 10 numerical results)

Heterotrophic Plate Count / HPC

# samples:	2	min:		20	CFU/100ml
# detects:	2	max:		117	CFU/100ml
# non-detects:	0	Geometric Mean:		48	CFU/100ml (based on 2 numerical results)
# exceedances:	0	med:		69	CFU/100ml (based on 2 numerical results)

Iron Bacteria (counts)

# samples:	2	min:	n/a		
# detects:	0	max:	n/a		
# non-detects:	2	avg:	n/a		(based on 0 numerical results)
# exceedances:	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)
# exceedances:	0	med:		0	counts/ml (based on 2 numerical results)

Sulfate Reducing Bacteria

# samples:	2	min:	n/a		
# detects:	0	max:	n/a		
# 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:	10	min:		0	counts/100ml
# detects:	10	max:		0	counts/100ml
# non-detects:	0	Geometric Mean:		0	counts/100ml (based on 10 numerical results)
# exceedances:	0	med:		0	counts/100ml (based on 10 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)
# exceedances:	0	med:		0	count/ml (based on 2 numerical results)

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

Aeromonas spp.

# samples:	3	min:		0	CFU/100ml
# detects:	3	max:		0	CFU/100ml
# non-detects:	0	Geometric Mean:		0	CFU/100ml (based on 3 numerical results)
# exceedances:	0	med:		0	CFU/100ml (based on 3 numerical results)

Background Bacteria

# samples:	18	min:		0	CFU/100ml
# detects:	18	max:		0	CFU/100ml
# non-detects:	0	Geometric Mean:		0	CFU/100ml (based on 18 numerical results)
# exceedances:	0	med:		0	CFU/100ml (based on 18 numerical results)

Escherichia coli / E. coli (counts)

# samples:	18	min:		0	counts/100ml
# detects:	18	max:		0	counts/100ml
# non-detects:	0	Geometric Mean:		0	counts/100ml (based on 18 numerical results)
# exceedances:	0	med:		0	counts/100ml (based on 18 numerical results)

Fecal (thermal tolerant) Coliforms (counts)

# samples:	18	min:		0	counts/100ml
# detects:	18	max:		0	counts/100ml
# non-detects:	0	Geometric Mean:		0	counts/100ml (based on 18 numerical results)
# exceedances:	0	med:		0	counts/100ml (based on 18 numerical results)

Fecal non-coliforms

# samples:	18	min:		0	CFU/100ml
# detects:	18	max:		0	CFU/100ml
# non-detects:	0	Geometric Mean:		0	CFU/100ml (based on 18 numerical results)
# exceedances:	0	med:		0	CFU/100ml (based on 18 numerical results)

Heterotrophic Plate Count / HPC

# samples:	4	min:		42	CFU/100ml
# detects:	4	max:		13,000	CFU/100ml
# non-detects:	0	Geometric Mean:		1,272	CFU/100ml (based on 4 numerical results)
# exceedances:	3	med:		2,900	CFU/100ml (based on 4 numerical results)

Action: Continue to monitor and flush

Iron Bacteria (counts)

# samples:	4	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	4	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Mould (total)

# samples:	3	min:	0	counts/ml
# detects:	3	max:	3.2	counts/ml
# non-detects:	0	Geometric Mean:	1.5	counts/ml (based on 3 numerical results)
# exceedances:	0	med:	0	counts/ml (based on 3 numerical results)

Sulfate Reducing Bacteria

# samples:	4	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	4	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Total Coliforms (counts)

# samples:	18	min:	0	counts/100ml
# detects:	18	max:	0	counts/100ml
# non-detects:	0	Geometric Mean:	0	counts/100ml (based on 18 numerical results)
# exceedances:	0	med:	0	counts/100ml (based on 18 numerical results)

Yeast (total)

# samples:	3	min:	0	count/ml
# detects:	3	max:	0	count/ml
# non-detects:	0	Geometric Mean:	0	count/ml (based on 3 numerical results)
# exceedances:	0	med:	0	count/ml (based on 3 numerical results)

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

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)
# exceedances:	0	med:	0	CFU/100ml (based on 2 numerical results)

Background Bacteria

# samples:	24	min:	0	CFU/100ml
# detects:	24	max:	0	CFU/100ml
# non-detects:	0	Geometric Mean:	0	CFU/100ml (based on 24 numerical results)
# exceedances:	0	med:	0	CFU/100ml (based on 24 numerical results)

Escherichia coli / E. coli (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)
# exceedances:	0	med:	0	counts/100ml (based on 24 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)
# exceedances:	0	med:	0	counts/100ml (based on 24 numerical results)

Fecal non-coliforms

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

Heterotrophic Plate Count / HPC

# samples:	2	**min:**		0	CFU/100ml
# detects:	2	**max:**		4	CFU/100ml
# non-detects:	0	**Geometric Mean:**		2	CFU/100ml (based on 2 numerical results)
# exceedances:	0	**med:**		2	CFU/100ml (based on 2 numerical results)

Iron Bacteria (counts)

# samples:	2	**min:**	n/a		
# detects:	0	**max:**	n/a		
# non-detects:	2	**avg:**	n/a		(based on 0 numerical results)
# exceedances:	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)
# exceedances:	0	**med:**		0	counts/ml (based on 2 numerical results)

Sulfate Reducing Bacteria

# samples:	2	**min:**	n/a		
# detects:	0	**max:**	n/a		
# 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:	24	min:		0	counts/100ml
# detects:	24	max:		0	counts/100ml
# non-detects:	0	Geometric Mean:		0	counts/100ml (based on 24 numerical results)
# exceedances:	0	med:		0	counts/100ml (based on 24 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)
# exceedances:	0	med:		0	count/ml (based on 2 numerical results)

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

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)
# exceedances:	0	med:		0	CFU/100ml (based on 2 numerical results)

Background Bacteria

# 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)
# exceedances:	0	med:		0	CFU/100ml (based on 20 numerical results)

Escherichia coli / E. coli (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)	
# exceedances:	0	**med:**	0	counts/100ml (based on 20 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)	
# exceedances:	0	**med:**	0	counts/100ml (based on 20 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)	
# exceedances:	0	**med:**	0	CFU/100ml (based on 20 numerical results)	

Heterotrophic Plate Count / HPC

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

Iron Bacteria (counts)

# samples:	2	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	2	avg:	n/a	(based on 0 numerical results)
# exceedances:	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)
# exceedances:	0	med:	0	counts/ml (based on 2 numerical results)

Sulfate Reducing Bacteria

# samples:	2	min:	n/a	
# detects:	0	max:	n/a	
# 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:	20	min:	0	counts/100ml
# detects:	20	max:	0	counts/100ml
# non-detects:	0	Geometric Mean:	0	counts/100ml (based on 20 numerical results)
# exceedances:	0	med:	0	counts/100ml (based on 20 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)
# exceedances:	0	med:	0	count/ml (based on 2 numerical results)

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

Aeromonas spp.

# samples:	46	min:	0	CFU/100ml
# detects:	44	max:	0	CFU/100ml
# non-detects:	2	Geometric Mean:	0	CFU/100ml (based on 44 numerical results)
# exceedances:	0	med:	0	CFU/100ml (based on 44 numerical results)

Anaerobic Plate Count

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

Background Bacteria

# samples:	47	min:	0	CFU/100ml
# detects:	47	max:	800	CFU/100ml
# non-detects:	0	Geometric Mean:	1	CFU/100ml (based on 47 numerical results)
# exceedances:	1	med:	0	CFU/100ml (based on 47 numerical results)

Action: Continue to flush and monitor

Enterococcus (counts)

# 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)
# exceedances:	0	med:	0	CFU/100ml (based on 1 numerical results)

Escherichia coli / E. coli (counts)

# samples:	46	min:	0	counts/100ml
# detects:	44	max:	0	counts/100ml
# non-detects:	2	Geometric Mean:	0	counts/100ml (based on 44 numerical results)
# exceedances:	0	med:	0	counts/100ml (based on 44 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)
# exceedances:	0	med:	0	counts/100ml (based on 47 numerical results)

Fecal non-coliforms

# samples:	47	min:	0	CFU/100ml
# detects:	47	max:	0	CFU/100ml
# non-detects:	0	Geometric Mean:	0	CFU/100ml (based on 47 numerical results)
# exceedances:	0	med:	0	CFU/100ml (based on 47 numerical results)

Heterotrophic Plate Count / HPC

# samples:	47	min:	0.3	CFU/ml
# detects:	47	max:	78	CFU/ml
# non-detects:	0	Geometric Mean:	1.38	CFU/ml (based on 47 numerical results)
# exceedances:	0	med:	1.01	CFU/ml (based on 47 numerical results)

Iron Bacteria (counts)

# samples:	47	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:	47	avg:	n/a	(based on 0 numerical results)
# exceedances:	0	med:	n/a	(based on 0 numerical results)

Mould (total)

# samples:	47	**min:**	0	counts/ml
# detects:	47	**max:**	4	counts/ml
# non-detects:	0	**Geometric Mean:**	0.83	counts/ml (based on 47 numerical results)
# exceedances:	0	**med:**	0	counts/ml (based on 47 numerical results)

Sulfate Reducing Bacteria

# samples:	47	**min:**	P	CFU/ml
# detects:	5	**max:**	P	CFU/ml
# non-detects:	42	**avg:**	n/a	(based on 0 numerical results)
# exceedances:	0	**med:**	n/a	(based on 0 numerical results)

Total 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)
# exceedances:	0	**med:**	0	counts/100ml (based on 47 numerical results)

Yeast (total)

# samples:	47	**min:**	0	count/ml
# detects:	47	**max:**	0.02	count/ml
# non-detects:	0	**Geometric Mean:**	0.92	count/ml (based on 47 numerical results)
# exceedances:	0	**med:**	0	count/ml (based on 47 numerical results)

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

Aeromonas spp.

# samples:	46	**min:**		0	CFU/100ml
# detects:	46	**max:**		800	CFU/100ml
# non-detects:	0	**Geometric Mean:**		70.8	CFU/100ml (based on 46 numerical results)
# exceedances:	0	**med:**		60	CFU/100ml (based on 46 numerical results)

Anaerobic Plate Count

# samples:	2	**min:**		10	CFU/ml
# detects:	2	**max:**		14	CFU/ml
# non-detects:	0	**Geometric Mean:**		11.8	CFU/ml (based on 2 numerical results)
# exceedances:	0	**med:**		12	CFU/ml (based on 2 numerical results)

Background Bacteria

# samples:	48	**min:**		200	CFU/100ml
# detects:	48	**max:**		5,800	CFU/100ml
# non-detects:	0	**Geometric Mean:**		1,267	CFU/100ml (based on 48 numerical results)
# exceedances:	40	**med:**		1,600	CFU/100ml (based on 48 numerical results)

Action: Continue to monitor and flush

Cryptosporidium spp. (total, confirmed)

# samples:	9	**min:**		0.46	counts/100L
# detects:	4	**max:**		1.8	counts/100L
# non-detects:	5	**Geometric Mean:**		1.07	counts/100L (based on 4 numerical results)
# exceedances:	0	**med:**		1.26	counts/100L (based on 4 numerical results)

Total Coliforms (counts)

# samples:	48	min:	2	CFU/100ml
# detects:	48	max:	1,250	CFU/100ml
# non-detects:	0	Geometric Mean:	26	CFU/100ml (based on 48 numerical results)
# exceedances:	4	med:	24	CFU/100ml (based on 48 numerical results)

Action: Continue to monitor and flush

Yeast (total)

# samples:	48	min:	0	count/ml
# detects:	48	max:	0	count/ml
# non-detects:	0	Geometric Mean:	0	count/ml (based on 48 numerical results)
# exceedances:	0	med:	0	count/ml (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

Disinfection By-Products - THM

Bromodichloromethane (dichlorobromomethane)

# samples:	24	min:	0.00137	mg/L
# detects:	15	max:	0.00391	mg/L
# non-detects:				mg/L (based on 15 numerical results)
	9	avg:	0.00234	
# exceedances:	0			

Bromoform

# samples:	24	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:				(based on 0 numerical results)
	24	avg:	n/a	
# exceedances:	0			

Chloroform

# samples:	24	min:	14.2	ug/L
# detects:	24	max:	89.3	ug/L
# non-detects:				ug/L (based on 24 numerical results)
	0	avg:	54.5	
# exceedances:	0			

Dibromochloromethane (Chlorodibromomethane)

# samples:	24	min:	n/a	
# detects:	0	max:	n/a	
# non-detects:				(based on 0 numerical results)
	24	avg:	n/a	
# exceedances:	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