



EDMONTON WATERWORKS MONTHLY REPORT

February 2026

PROVIDING MORE



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1.1.1 Operations – Rossdale and E.L. Smith Plants

Plant Bypasses

The number of bypasses shown on Table 1.2.26 “Rossdale Waste Stream Data” and Table 1.2.27 “E.L. Smith Waste Stream Data” include both planned and unplanned bypasses. A planned bypass is any bypass that is planned for a minimum of one day ahead of the actual bypass. All other bypasses are considered unplanned.

In February, Rossdale Plant had 1 planned shutdown and 3 bypasses.

Date	Type	Bypass Description
Feb 3	Unplanned	39-minute bypass. Power bump – needed to test bypass system
Feb 16	Unplanned	48-minute bypass. Power bump – Low lift #5 and High lift #2 tripped
Feb 25	Planned	Plant was shutdown at 2200 hours on Feb 24 th . Shutdown was 18.45-hour bypass for maintenance on leaks and WS7 project work
Feb 26	Unplanned	10.45 hour bypass for emergency hypo piping leak repair

In February, E.L. Smith Plant had 1 planned shutdown and 0 bypasses.

Date	Type	Bypass Description
Feb 18	Planned	10.67-hour bypass due to for electrical work and maintenance

Clarifier Blowdown Volume

- ◆ The clarifier blowdown volume shown on Table 1.2.26 and Table 1.2.27 include estimated plant leakage.

Dechlorination Highlights

- ◆ During the month of February, there were zero instances of chlorinated waste released at the outfall structure at Rossdale Water Treatment Plant.
- ◆ During the month of February, there were zero instances of chlorinated waste released at the outfall structure at E.L. Smith Water Treatment Plant.

Monthly Highlights

- ◆ On February 1st, UV Reactor 5 at the Rossdale Water Treatment Plant experienced operational issues. Similarly, on February 5th, UV Reactor 7 experienced operational issues. In each case, this resulted in a brief period, lasting less than 60 seconds, where filtered water received a low UV dose. The UV reactors continued to run because these short periods did not meet the threshold that would trigger an automatic filter shutdown.

Chemical Dosing Highlights

In February, Rosssdale and E.L. Smith Water Treatment Plants did not exceed the Maximum Use in the Standard 60, published by the National Sanitation Foundation and the American National Sanitation Standards Institute (NSF/ANSI) for Alum or Caustic Soda.

Chemicals Used for the Month

CHEMICAL NAME	MANUFACTURER
Aluminum Sulfate 48.5%	Chemtrade
Aqua Ammonia 19%	Univar
Caustic Soda 50%	Chemtrade
Hydrofluorosilicic Acid 25%	Nutrien
Magnafloc LT27AG / Praestol DW27AG	Solenis
Magnafloc LT-7995	Solenis
Phosphoric Acid 75%	Innophos
Sodium Hypochlorite 12%	Univar
Liquid Ammonium Sulphate 41%	Umicore Canada Inc
Salt	Windsor
Sodium Bisulphite 38%	Chemtrade

ENV-1.1.2 EDMONTON INCIDENT REPORT SUMMARY – February 2026

EPCOR Incident Number	Description	Date of Incident	AEPA Reference Number
20260204-020172-v1	About 58 m ³ of potable chlorinated water at +/-1.5ppm was released to the surface due to a suspected leak within the water distribution system buried underground. The water drained to the nearby catch basin. Dechlorination pucks were placed in the path of water and the water entry point into the drainage infrastructure to dechlorinate the water. The leak was isolated until the repair was completed.	February 4, 2026	449946
ENV-20260205-843725-v1	About 47 m ³ of potable chlorinated water at +/-1.5ppm was released to the surface due to a suspected leak within the water distribution system buried underground. The water drained to the nearby catch basin. Dechlorination pucks were placed in the path of water and the water entry point into the drainage infrastructure to dechlorinate the water. The leak was isolated until the repair was completed.	February 5, 2026	449979
ENV-20260210-223110-v1	About 39 m ³ of potable chlorinated water at +/-1.5ppm was released to the surface due to a suspected leak within the water distribution system buried underground. The water drained to the nearby catch basin. Dechlorination pucks were placed in the path of water and the water entry point into the drainage infrastructure to dechlorinate the water. The leak was isolated until the repair was completed.	February 10, 2026	450118
ENV-20260211-096125-v1	About 41 m ³ of potable chlorinated water at +/-1.5ppm was released to the surface due to a suspected leak within the water distribution system buried underground. The water drained to the nearby catch basin. Dechlorination pucks were placed in the path of water and the water entry point into the drainage infrastructure to dechlorinate the water. The leak was isolated until the repair was completed.	February 11, 2026	450158
ENV-20260218-130280-v1	About 115 m ³ of potable chlorinated water at +/-1.5ppm was released to the surface due to a suspected leak within the water distribution system buried underground. The water drained to the nearby catch basin. Dechlorination pucks were placed in the path of water and the water entry point into the drainage infrastructure to dechlorinate the water. The leak was isolated until the repair was completed.	February 18, 2026	450315

ENV-20260227-972306-v1	About 33 m ³ of potable chlorinated water at +/-1.5ppm was released to the surface due to a suspected leak within the water distribution system buried underground. The water drained to the nearby catch basin. Dechlorination pucks were placed in the path of water and the water entry point into the drainage infrastructure to dechlorinate the water. The leak was isolated until the repair was completed.	February 27, 2026	450597
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1.1.3 Alberta Environment Operator Certifications

Operator Contact Number: EPCOR Water Services Dispatch (24 hr) (780) 412-4500

ROSSDALE WATER TREATMENT PLANT (LEVEL IV)

Director, Edmonton Water Treatment Plants

Senior Manager, Operations

Manager, Operations

WT III, WWT III

Title

Alberta Environment Certification Level

Operations Engineer	
Manager, Transmission Operations & Training	WT III
Operator Foreman	WT IV
HEI Foreman	WT IV
Operator Foreman	WT IV
Operator Foreman	WT IV
Transmission Foreman	WT III
Training Foreman	WT III
Lead Operator	WT II
Transmisison Operator	WT III
Water Operator	WT II
Water Operator	WT III
Water Operator	WT III
Operations Trainer	WT III
Day Foreman	WT IV
Operator Foreman	WT III
Operator Foreman	WT III
Water Operator	WT III
Water Operator	WT III
Lead Operator	WT IV
Lead Operator	WT III
Water Operator	WT III, WD II
Water Operator	WT III, WWT III
Water Operator	WT III
Water Operator	WT II
Water Operator	WT II, WD II, WWT II, WWC II
Water Operator	WT II, WD I
Water Operator	WT II, WD II, WWT I, WWC II
Water Operator	WT I, WD I, WWT I, WWC I
Water Operator	WT I
Water Operator	Non-certified

1.1.3 Alberta Environment Operator Certifications

Operator Contact Number: EPCOR Water Services Dispatch (24 hr) (780) 412-4500

E.L. SMITH TREATMENT PLANT (LEVEL IV)

Director, Edmonton Water Treatment Plants

Senior Manager, Operations

Manager, Operations

Title	Alberta Environment Certification Level
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Operations Engineer	WWC I
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Day Foreman	WT IV
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HEI Foreman	WT IV
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Training Foreman	WT IV
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Operator Foreman	WT IV
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Operator Foreman	WT IV
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Operator Foreman	WT III
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Operator Foreman	WT IV
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Operator Foreman	WT IV
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Lead Operator	WT IV
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Lead Operator	WT IV
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Lead Operator	WT II
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Lead Operator	WT III
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Lead Operator	WT III
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Lead Operator	WT II, WD II, WWT I, WWC I
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Water Operator	WT III
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Water Operator	WT III, WWT II,
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Water Operator	WT III
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Water Operator	WT III, WWT III
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Water Operator	WT II, WD I, WWT II, WWC I
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Water Operator	Non-certified
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Water Operator	Non-certified
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Labourer III	WD I
Labourer II	WD I

1.1.3 Alberta Environment Operator Certifications

Operator Contact Number: EPCOR Water Services Dispatch (24 hr) (780) 412-4500

**DISTRIBUTION SYSTEM (LEVEL IV FACILITY)
WATER DISTRIBUTION (WD) - CONSTRUCTION**

Senior Manager, Maintenance and Construction

Manager, Maintenance and Construction

Manager, Dist. Maint Scheduling

Title	Alberta Environment Certification Level
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Labourer III	WD I
Labourer II	WD I
Labourer II	WD II
Labourer II	WD I WWC I
Labourer II	WD II WWC I WT I WWT I
Truck Driver III	WD II
Labourer II	WD II
Truck Driver III	WD II
Truck Driver III	WD II
Truck Driver III	WD I
Truck Driver III	WD I
Welder	WD II
Maintenance Repairman I	WD II
Maintenance Repairman I	WD I
Maintenance Repairman I	WD I
Labourer II	WD I
Foreman I	WD I
Water Sys Tech Support Specialist	WD II
Water Sys Tech Support Specialist	WD IV

1.1.3 Alberta Environment Operator Certifications

Operator Contact Number: EPCOR Water Services Dispatch (24 hr) (780) 412-4500

DISTRIBUTION SYSTEM (LEVEL IV FACILITY)

WATER DISTRIBUTION (WD) - CUSTOMER SERVICE

Senior Manager, Customer Service

Manager, Dispatch

WD II

Manager, Customer Service

Title

Alberta Environment Certification Level

Team Lead, Dispatch

Dispatcher Coordinator

WD I

Dispatcher Coordinator

WD I WWC I WT I WWT I

Inspector – Water Metering

WD II

Inspector – Water Metering

WD I

Manager, Cross Connections

WD II

Inspector – Cross Connections

WD I

1.1.3 Alberta Environment Operator Certifications

Operator Contact Number: EPCOR Water Services Dispatch (24 hr) (780) 412-4500

**DISTRIBUTION SYSTEM (LEVEL IV FACILITY)
WATER METERING (WD)**

Manager, Metering Operations	WD I
Title	Alberta Environment Certification Level
Foreman III	WD II
Meter Installer I	WD I
Meter Installer I	WD I
Meter Installer II	WD III
Meter Installer I	WD I WWC I
Meter Installer I	WD III
Meter Installer I	WD I
Meter Installer I	WD II
Meter Mechanic II	WD II
Meter Installer II	WD I
Meter Installer I	WD I
Meter Installer I	WD I

1.2.1 Raw Water Intake (ML)

February 2026

Day	Rossdale			E.L. Smith	Plants Combined Total
	Plant 1	Plant 2	Plant Total	Plant Total	
1	53	108	160	257	417
2	89	51	141	265	405
3	113	1.3	114	281	395
4	115	--	115	270	385
5	115	--	115	288	403
6	115	9.7	125	299	423
7	109	38	147	301	448
8	68	100	168	275	443
9	63	111	174	262	436
10	51	91	142	241	383
11	50	90	140	241	381
12	57	97	154	241	395
13	60	113	173	252	425
14	54	94	148	281	429
15	50	86	136	281	417
16	17	105	123	271	393
17	--	144	144	281	425
18	--	164	164	171	335
19	6.4	157	164	273	436
20	1.6	147	149	281	429
21	28	129	157	281	438
22	60	100	160	267	427
23	60	99	159	260	419
24	55	91	146	274	420
25	--	--	--	294	294
26	34	47	81	304	385
27	60	100	160	301	461
28	60	100	160	301	461
Monthly Total	1,545	2,374	3,919	7,589	11,508
Monthly Min	0.0	0.0	0.0	171	
Monthly Max	115	164	174	304	
Monthly Avg	55	85	140	271	411

NOTES: ' -- ' indicates plant offline

1.2.2 Treated Water Production (ML)

February 2026

Day	Rossdale (Plant 1 & Plant 2)			E.L. Smith			Plants Combined	Reservoir Levels (%)
	Flow Meters			Flow Meters			Flow Meters (Both Plants)	
	Min	Max	Total	Min	Max	Total		
1	88	207	142	203	292	231	373	84.4
2	88	178	123	205	293	239	362	81.3
3	18	198	99	207	302	253	352	78.5
4	52	209	105	206	297	247	352	76.1
5	39	206	105	206	305	263	368	72.4
6	65	209	105	245	298	268	374	74.3
7	47	211	112	211	303	272	385	76.0
8	57	210	157	209	301	248	405	81.1
9	105	201	162	206	290	235	397	83.1
10	64	200	129	206	277	218	348	83.4
11	60	184	125	209	295	217	343	79.9
12	63	207	140	10.0	294	218	359	74.9
13	67	207	161	210	304	228	389	72.9
14	78	203	131	208	306	257	387	77.5
15	53	201	125	208	305	257	382	79.2
16	3.1	199	102	204	312	247	349	82.8
17	55	209	138	208	303	254	392	80.1
18	62	208	152	0.0	307	129	281	83.8
19	72	188	147	209	290	252	399	68.9
20	76	206	138	210	303	255	393	71.4
21	52	207	142	209	306	254	396	75.8
22	58	209	148	207	308	244	392	80.7
23	43	208	146	205	307	236	382	79.2
24	32	195	129	209	304	246	375	80.6
25	0.0	195	0.0	248	306	265	263	74.6
26	0.0	109	24	209	307	276	300	59.7
27	56	209	150	206	307	274	424	54.9
28	21	207	142	209	308	276	418	62.9
Monthly Total			3,479			6,861	10,338	
Monthly Min	0.0			0.0				
Monthly Max		211			312			
Monthly Avg			124			245	369	

NOTES: ' -- ' indicates plant offline

- Estimated flows are based on UV effluent flow meters to address inaccuracy of highlift flow meters.
- Reservoir levels (%) recorded daily at 7 AM

1.2.3 Raw Water Quality - North Saskatchewan River

February 2026

Day	Rossdale									E.L. Smith								
	Turbidity (NTU)			pH			Colour (TCU)			Turbidity (NTU)			pH			Colour (TCU)		
	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	2.2	5.2	3.5	8.0	8.1	8.0	5.7	6.2	6.0	2.0	3.0	2.5	7.8	8.0	7.9	5.8	6.7	6.3
2	1.9	2.2	2.0	8.0	8.1	8.1	5.7	6.2	6.0	1.7	3.5	2.1	7.9	7.9	7.9	5.4	6.2	5.9
3	2.2	2.9	2.7	8.0	8.0	8.0	4.9	5.7	5.2	2.5	4.0	3.1	7.9	8.0	7.9	5.1	5.6	5.3
4	1.9	2.9	2.7	8.0	8.0	8.0	4.4	5.3	4.9	1.8	3.2	2.1	7.9	8.0	8.0	4.8	5.5	5.1
5	1.9	6.8	3.3	8.0	8.1	8.0	5.0	5.6	5.4	1.9	3.2	2.2	8.0	8.0	8.0	5.3	5.5	5.4
6	3.3	6.8	5.5	8.0	8.1	8.0	4.4	10.2	6.2	2.0	3.2	2.3	8.0	8.0	8.0	4.6	5.5	4.9
7	2.5	3.7	3.5	8.0	8.1	8.0	4.4	4.8	4.6	1.8	2.3	2.1	7.9	8.0	8.0	4.4	5.3	4.9
8	2.5	5.4	4.3	8.0	8.0	8.0	4.7	4.8	4.7	2.2	3.2	2.8	8.0	8.0	8.0	4.5	5.3	4.8
9	2.6	5.4	3.9	8.0	8.1	8.0	4.5	5.5	5.1	2.4	3.7	3.0	8.0	8.0	8.0	4.6	5.3	4.9
10	2.6	2.7	2.7	8.0	8.1	8.0	4.5	4.7	4.6	2.3	3.7	2.7	8.0	8.0	8.0	4.0	4.7	4.5
11	2.4	2.7	2.5	8.0	8.0	8.0	0.6	4.7	2.8	2.6	3.6	2.8	8.0	8.0	8.0	4.0	4.3	4.2
12	2.5	2.7	2.6	8.0	8.1	8.0	3.6	3.9	3.8	2.1	3.6	2.7	8.0	8.0	8.0	3.6	4.4	4.0
13	2.5	2.7	2.6	8.1	8.1	8.1	3.8	4.2	4.0	2.7	5.6	3.7	8.0	8.1	8.0	4.4	5.3	4.8
14	2.4	2.6	2.5	8.1	8.1	8.1	4.2	4.6	4.4	2.3	5.6	3.1	8.0	8.1	8.0	3.9	4.8	4.5
15	2.5	2.7	2.5	8.1	8.1	8.1	4.3	4.5	4.4	2.1	3.2	2.6	8.0	8.0	8.0	3.9	4.7	4.3
16	2.5	2.7	2.7	8.1	8.1	8.1	4.2	4.3	4.3	2.4	3.2	2.7	8.0	8.0	8.0	4.2	4.6	4.5
17	2.5	2.5	2.5	8.0	8.1	8.1	4.0	4.2	4.1	1.8	3.0	2.3	8.0	8.0	8.0	3.9	5.8	4.7
18	2.1	2.5	2.3	8.0	8.1	8.1	3.7	4.0	3.9	1.8	2.1	1.9	8.0	8.0	8.0	4.1	6.6	6.2
19	1.9	2.2	2.1	8.1	8.1	8.1	3.7	4.1	4.0	1.6	3.1	2.1	7.9	8.0	7.9	3.9	4.6	4.4
20	1.8	2.1	2.0	8.0	8.1	8.1	3.8	3.9	3.9	1.5	2.1	1.8	7.9	8.0	7.9	3.7	4.3	4.0
21	1.8	2.8	1.9	8.0	8.1	8.0	3.9	4.1	4.0	1.5	2.9	2.1	8.0	8.0	8.0	3.8	5.4	4.8
22	1.9	2.8	2.4	8.0	8.1	8.0	3.9	5.1	4.3	2.3	3.1	2.5	7.9	8.0	7.9	5.0	5.8	5.4
23	2.5	4.6	3.6	8.1	8.1	8.1	5.1	5.8	5.4	2.9	4.5	3.5	8.0	8.1	8.0	4.3	6.2	5.5
24	2.0	3.4	2.8	8.0	8.1	8.1	5.8	8.9	6.4	2.0	2.9	2.2	8.0	8.1	8.0	5.7	6.9	6.2
25	2.0	2.0	2.0	8.1	8.1	8.1	8.9	8.9	8.9	2.0	3.0	2.2	8.0	8.1	8.0	5.4	6.4	5.8
26	2.0	3.1	2.7	8.0	8.1	8.0	5.0	8.9	6.4	2.6	3.4	3.0	8.0	8.0	8.0	4.9	6.2	5.2
27	2.3	3.6	3.2	8.0	8.0	8.0	5.0	5.7	5.3	1.8	3.1	2.1	8.0	8.0	8.0	4.6	5.2	4.9
28	1.9	2.8	2.5	8.0	8.0	8.0	4.4	5.7	5.0	1.8	2.7	2.2	7.8	8.0	7.9	4.3	5.2	4.7
Monthly Min/Max/Avg	1.8	6.8	2.8	8.0	8.1	8.0	0.6	10.2	4.9	1.5	5.6	2.5	7.8	8.1	8.0	3.6	6.9	5.0

NOTES: ' -- ' indicates plant offline

**1.2.4 Treated Water Quality Entering the Distribution System
February 2026**

Day	Rossdale														E.L. Smith													
	Turbidity (NTU)			Chloramine Residual (mg/L)			pH			Fluoride Residual (mg/L)			Total Hardness (mg/L as CaCO ₃)	Colour (TCU)	Turbidity (NTU)			Chloramine Residual (mg/L)			pH			Fluoride Residual (mg/L)			Total Hardness (mg/L as CaCO ₃)	Colour (TCU)
	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Total	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Total	Avg
1	0.04	0.06	0.05	2.06	2.21	2.14	7.8	7.8	7.8	0.71	0.74	0.72	190	1.2	0.07	0.07	0.07	1.93	2.00	1.95	8.1	8.1	8.1	0.70	0.71	0.71	187	1.2
2	0.04	0.06	0.05	2.01	2.16	2.11	7.8	7.8	7.8	0.71	0.72	0.72	189	1.3	0.06	0.07	0.07	1.93	1.98	1.94	8.1	8.1	8.1	0.70	0.71	0.70	193	1.3
3	0.05	0.08	0.05	2.01	2.16	2.09	7.8	7.8	7.8	0.71	0.72	0.71	190	0.8	0.06	0.07	0.07	1.93	1.98	1.95	8.1	8.1	8.1	0.70	0.71	0.71	186	1.1
4	0.05	0.07	0.06	2.01	2.16	2.08	7.8	7.8	7.8	0.71	0.72	0.71	185	0.9	0.06	0.07	0.07	1.93	1.98	1.93	8.1	8.1	8.1	0.71	0.72	0.71	185	1.1
5	0.05	0.07	0.05	1.96	2.16	2.09	7.8	7.8	7.8	0.70	0.72	0.71	186	1.0	0.06	0.08	0.07	1.93	1.97	1.93	8.1	8.1	8.1	0.71	0.72	0.71	185	1.2
6	0.05	0.04	0.06	1.96	2.06	2.02	7.8	7.8	7.8	0.71	0.71	0.71	188	1.0	0.06	0.07	0.07	1.93	1.98	1.93	8.1	8.1	8.1	0.71	0.72	0.71	185	1.2
7	0.05	0.08	0.05	2.01	2.11	2.06	7.8	7.8	7.8	0.71	0.72	0.71	181	0.9	0.06	0.07	0.07	1.91	1.96	1.93	8.1	8.1	8.1	0.71	0.73	0.72	178	1.0
8	0.05	0.07	0.05	2.01	2.11	2.07	7.8	7.8	7.8	0.71	0.72	0.71	182	0.7	0.06	0.07	0.07	1.88	1.96	1.92	8.1	8.1	8.1	0.71	0.73	0.72	178	1.2
9	0.04	0.07	0.05	2.06	2.21	2.10	7.8	7.8	7.8	0.71	0.73	0.72	185	0.8	0.07	0.07	0.07	1.93	1.98	1.94	8.1	8.1	8.1	0.71	0.72	0.71	182	1.2
10	0.05	0.07	0.05	2.01	2.26	2.16	7.8	7.8	7.8	0.71	0.73	0.72	182	0.8	0.07	0.07	0.07	1.92	1.96	1.93	8.1	8.1	8.1	0.71	0.72	0.71	178	1.0
11	0.05	0.07	0.05	2.01	2.11	2.07	7.8	7.8	7.8	0.73	0.73	0.73	182	0.8	0.06	0.07	0.07	1.90	1.97	1.93	8.1	8.1	8.1	0.71	0.72	0.71	181	0.6
12	0.05	0.07	0.05	2.01	2.16	2.08	7.8	7.8	7.8	0.73	0.74	0.73	178	0.7	0.06	0.07	0.07	1.93	1.98	1.94	8.1	8.1	8.1	0.71	0.72	0.71	176	0.9
13	0.05	0.06	0.05	2.01	2.11	2.05	7.8	7.8	7.8	0.73	0.74	0.74	182	0.5	0.06	0.07	0.07	1.93	1.97	1.93	8.1	8.1	8.1	0.71	0.73	0.72	181	1.0
14	0.05	0.06	0.05	1.96	2.11	2.04	7.8	7.8	7.8	0.73	0.74	0.74	181	0.7	0.06	0.07	0.07	1.89	1.96	1.93	8.1	8.1	8.1	0.72	0.74	0.73	181	1.1
15	0.05	0.11	0.05	2.01	2.11	2.07	7.8	7.8	7.8	0.74	0.75	0.74	184	1.0	0.06	0.07	0.07	1.91	1.98	1.93	8.1	8.1	8.1	0.73	0.75	0.74	182	0.6
16	0.05	0.06	0.05	2.01	2.16	2.09	7.8	7.9	7.8	0.72	0.74	0.73	186	0.8	0.06	0.07	0.07	1.93	1.98	1.93	8.1	8.2	8.2	0.73	0.75	0.74	185	0.9
17	0.05	0.06	0.05	2.01	2.21	2.12	7.8	7.9	7.8	0.72	0.74	0.73	186	0.8	0.06	0.07	0.06	1.88	1.97	1.92	8.1	8.2	8.2	0.73	0.74	0.73	186	1.0
18	0.05	0.06	0.05	1.50	2.16	2.08	7.8	7.9	7.8	0.73	0.76	0.74	182	0.7	0.05	0.07	0.06	1.89	1.95	1.92	7.6	7.7	7.7	0.73	0.76	0.76	185	1.1
19	0.05	0.06	0.05	2.01	2.16	2.07	7.8	7.9	7.8	0.73	0.74	0.74	183	0.7	0.06	0.07	0.07	1.89	1.98	1.93	8.1	8.2	8.2	0.76	0.77	0.77	183	0.8
20	0.05	0.06	0.05	2.01	2.16	2.08	7.8	7.9	7.9	0.73	0.74	0.74	186	0.7	0.06	0.06	0.06	1.93	1.98	1.94	8.1	8.2	8.1	0.76	0.77	0.76	187	0.6
21	0.05	0.07	0.05	2.01	2.21	2.10	7.8	7.9	7.9	0.74	0.74	0.74	186	0.5	0.06	0.07	0.06	1.93	1.98	1.93	8.1	8.2	8.2	0.76	0.76	0.76	186	0.9
22	0.05	0.07	0.05	2.01	2.32	2.14	7.8	7.9	7.9	0.74	0.74	0.74	189	0.6	0.07	0.07	0.07	1.92	1.97	1.93	8.1	8.2	8.2	0.76	0.77	0.76	192	1.3
23	0.04	0.07	0.05	2.01	2.26	2.15	7.8	7.9	7.9	0.74	0.74	0.74	198	0.7	0.07	0.07	0.07	1.93	2.08	2.00	7.4	8.2	7.8	0.76	0.78	0.76	198	1.2
24	0.05	0.07	0.05	1.96	2.11	2.01	7.9	7.9	7.9	0.73	0.74	0.74	199	1.0	0.07	0.07	0.07	2.03	2.08	2.07	7.6	7.6	7.6	0.76	0.78	0.77	204	1.1
25	0.05	0.06	0.07	2.00	2.18	2.05	7.6	7.9	7.8	0.74	0.80	0.78	204	1.0	0.07	0.07	0.07	2.03	2.11	2.07	7.6	7.6	7.6	0.76	0.78	0.76	202	1.1
26	0.07	0.08	0.06	1.95	1.96	1.86	7.7	7.9	7.9	0.73	0.81	0.75	199	1.0	0.06	0.07	0.07	1.98	2.08	2.00	7.6	7.6	7.6	0.76	0.76	0.76	198	1.2
27	0.04	0.12	0.07	1.81	2.01	1.93	7.9	7.9	7.9	0.72	0.74	0.73	196	1.2	0.06	0.07	0.07	1.96	1.99	1.98	7.6	7.6	7.6	0.76	0.77	0.76	197	1.0
28	0.05	0.06	0.05	1.81	2.01	1.92	7.9	7.9	7.9	0.72	0.73	0.72	202	0.9	0.06	0.07	0.07	1.93	1.98	1.96	7.6	7.6	7.6	0.76	0.78	0.78	196	1.1
Monthly Min/Max/ Avg	0.04	0.12	0.05	1.50	2.32	2.06	7.6	7.9	7.8	0.70	0.81	0.73	188	0.8	0.05	0.08	0.07	1.88	2.11	1.95	7.4	8.2	8.0	0.70	0.78	0.74	187	1.0

NOTES: ' -- ' indicates plant offline

1.2.5 Rossdale Filters 1 - 9 Particle Counts (no./mL >2um)

February 2026

Filter	1			2			3			4			5			6			7			8			9			
Day	Min	Max	Avg																									
1	1	45	2	1	25	4	1	15	2	1	35	5	4	26	13	1	22	4	1	43	5	1	18	2	1	16	3	
2	1	3	1	1	20	2	1	17	1	1	3	1	4	36	10	1	2	1	1	21	2	1	39	7	1	37	11	
3	--	--	--	1	31	7	1	3	1	1	14	2	--	--	--	1	13	2	1	45	21	1	45	4	1	14	2	
4	1	12	3	1	18	2	1	1	1	1	2	1	10	20	15	1	2	1	1	13	2	2	43	24	1	38	4	
5	1	11	3	1	23	1	1	27	3	--	--	--	1	23	4	1	1	1	1	7	1	1	20	3	10	21	16	
6	--	--	--	1	1	1	1	3	1	1	13	3	1	14	2	1	11	2	1	2	1	1	3	1	1	28	4	
7	1	14	2	1	17	2	1	7	1	1	2	1	3	19	5	1	3	1	2	13	3	1	1	1	1	9	1	
8	1	10	1	1	2	1	1	11	1	1	14	1	1	5	2	1	1	1	1	6	2	1	22	3	1	17	1	
9	1	19	2	1	14	1	1	1	1	1	11	2	1	2	1	1	15	3	1	2	1	1	3	1	1	5	2	
10	1	4	1	1	3	1	1	10	3	1	7	1	1	18	3	1	2	1	1	15	2	1	1	1	1	2	1	
11	1	20	3	1	2	1	1	13	2	1	12	2	1	3	1	1	1	1	1	34	2	1	21	2	1	18	1	
12	1	4	1	1	9	2	1	1	1	1	2	1	1	1	1	1	10	2	1	2	1	1	2	1	1	2	1	
13	1	9	1	1	11	1	1	15	2	1	22	1	1	13	2	1	2	1	1	18	2	1	3	1	1	9	1	
14	1	4	2	1	10	2	1	3	1	1	2	1	1	3	1	1	12	1	1	3	1	1	20	2	1	10	2	
15	1	2	1	1	12	3	1	17	2	1	6	1	1	15	3	1	2	1	7	13	8	1	3	1	1	3	1	
16	1	24	4	1	17	2	1	2	1	1	29	4	1	3	2	1	1	1	1	33	3	1	20	2	1	21	1	
17	1	5	2	1	57	3	--	--	--	1	3	1	2	13	4	1	11	3	1	4	1	1	14	2	1	8	3	
18	1	13	2	1	19	3	1	10	1	1	2	1	1	7	2	1	3	1	1	20	2	1	20	2	1	2	1	
19	1	8	1	1	4	2	1	1	1	1	10	2	1	3	1	1	18	1	1	2	1	1	26	2	1	18	2	
20	1	13	2	1	2	1	1	5	2	1	2	1	1	12	3	1	4	1	1	16	1	1	23	1	1	4	1	
21	1	3	1	1	11	2	1	2	1	1	1	1	1	2	1	1	25	1	1	3	2	1	33	4	1	14	1	
22	1	2	1	1	11	1	1	39	1	1	9	2	1	18	4	1	11	3	1	2	1	1	2	1	1	3	1	
23	2	30	11	1	2	1	1	3	1	1	4	1	1	5	3	1	2	1	3	13	5	1	1	1	1	6	1	
24	4	11	7	1	11	2	1	20	2	2	11	4	1	18	3	1	57	5	2	16	5	1	23	4	1	44	8	
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	1	5	3	10	28	15	1	6	3	--	--	--	1	7	3	3	9	6	3	16	6	2	7	4	
27	--	--	--	1	10	1	1	11	2	1	3	1	1	8	7	1	17	1	1	7	2	--	--	--	1	5	2	
28	2	29	7	1	45	14	1	5	1	1	18	3	1	8	2	1	16	3	1	35	6	1	26	4	1	27	6	
Monthly Min/Max/Avg	1	45	3	1	57	2	1	39	2	1	35	2	1	36	4	1	57	2	1	45	3	1	45	3	1	44	3	

NOTE: '--' indicates filter offline

1.2.6 E.L. Smith Filters 1 - 9 Particle Counts (no./mL >2um)

February 2026

Filter	1			2			3			4			5			6			7			8			9		
Day	Min	Max	Avg																								
1	1	2	1	1	17	2	1	18	1	1	20	1	1	7	2	--	--	--	8	28	11	1	29	3	2	27	6
2	1	12	2	1	18	1	1	3	1	1	2	1	1	11	1	--	--	--	7	25	10	1	30	5	2	36	7
3	1	2	1	1	3	1	1	16	1	1	11	1	1	16	1	--	--	--	7	30	11	1	44	8	1	44	6
4	1	10	2	1	11	2	1	13	1	1	12	1	1	5	1	--	--	--	5	28	9	1	28	3	1	28	2
5	1	10	2	1	22	1	1	4	2	1	3	1	1	8	2	--	--	--	5	25	9	1	32	2	1	21	2
6	1	9	1	1	9	1	1	9	2	1	7	1	1	9	1	--	--	--	6	27	8	1	25	2	1	19	2
7	1	8	1	1	13	1	1	14	2	1	8	1	1	8	1	--	--	--	5	29	8	1	28	2	1	29	2
8	1	3	1	1	11	1	1	18	2	1	11	1	1	6	1	--	--	--	5	24	8	1	3	1	1	26	2
9	1	6	2	1	14	1	1	9	2	1	3	1	1	4	1	--	--	--	5	29	8	1	27	2	1	27	2
10	1	6	1	1	5	1	1	3	1	1	6	1	1	4	2	--	--	--	5	28	8	1	31	2	1	25	2
11	1	3	1	1	20	2	1	9	2	1	5	1	1	2	1	--	--	--	5	11	7	1	29	2	1	24	1
12	1	8	2	1	7	1	1	2	1	1	2	1	1	7	1	--	--	--	5	35	8	1	28	2	1	28	2
13	1	7	2	1	23	1	1	6	2	1	6	2	1	7	2	--	--	--	5	31	7	1	24	2	1	3	1
14	1	3	1	1	6	1	1	10	2	1	8	1	1	8	2	--	--	--	4	30	8	1	7	2	1	28	2
15	1	7	2	1	15	2	1	14	2	1	3	1	1	2	1	--	--	--	4	29	7	1	28	2	1	24	2
16	1	6	2	1	17	1	1	3	1	1	9	2	1	6	2	--	--	--	5	25	7	1	28	2	1	27	2
17	1	3	1	1	26	2	1	12	2	1	8	1	1	9	2	--	--	--	4	26	7	1	28	2	1	24	2
18	1	7	2	1	13	1	1	12	2	1	13	2	1	6	2	--	--	--	4	8	6	1	31	3	1	27	2
19	1	3	1	1	43	2	1	14	2	1	3	1	1	4	2	--	--	--	4	28	7	1	3	2	1	27	2
20	1	10	2	1	16	1	1	5	2	1	15	1	1	12	1	--	--	--	3	29	7	1	29	2	1	4	2
21	1	18	1	1	4	1	1	14	2	1	2	1	1	2	1	--	--	--	5	23	10	1	31	4	1	28	8
22	1	4	2	1	20	2	1	4	1	1	9	2	1	16	2	--	--	--	6	28	10	1	22	4	3	27	9
23	1	17	1	1	9	1	1	20	2	1	3	2	1	10	2	--	--	--	7	29	14	3	30	8	6	37	15
24	1	5	2	1	44	2	1	12	2	1	10	1	1	10	1	--	--	--	6	36	12	2	41	8	4	38	10
25	1	15	2	1	20	1	1	18	1	1	18	1	1	4	1	--	--	--	4	37	7	2	36	4	1	27	3
26	1	14	1	1	4	1	1	4	1	1	2	1	1	14	1	--	--	--	5	25	9	1	29	4	1	28	5
27	1	6	2	1	16	1	1	14	2	1	10	1	1	14	1	--	--	--	5	27	8	2	8	3	2	23	4
28	1	13	2	1	16	1	1	19	1	1	2	1	1	14	1	--	--	--	6	27	13	1	32	3	1	26	7
Monthly Min/Max/Avg	1	18	1	1	44	1	1	20	2	1	20	1	1	16	1	--	--	--	3	37	9	1	44	3	1	44	4

NOTES: '--' indicates filter offline

1.2.7 E.L. Smith Filters 10 - 18 Particle Counts (no./mL >2um)

February 2026

Filter	10			11			12			13			14			15			16			17			18		
Day	Min	Max	Avg																								
1	3	32	9	1	31	3	8	27	14	1	15	3	1	20	4	1	15	2	1	17	4	1	38	5	1	23	4
2	3	29	7	1	25	4	6	33	13	1	27	4	1	22	4	1	15	3	1	14	3	1	40	5	1	18	4
3	1	35	8	1	24	2	2	38	12	1	44	5	1	23	4	1	14	3	1	17	4	1	44	4	1	39	8
4	1	27	2	1	26	2	1	8	2	1	16	2	1	3	2	1	10	2	1	19	3	1	11	2	1	16	1
5	1	27	2	1	26	2	1	23	2	1	11	2	1	16	3	1	13	2	1	18	2	1	14	2	1	8	2
6	1	19	2	1	26	2	1	27	2	1	12	2	1	12	2	1	9	2	1	13	2	1	11	2	1	13	2
7	1	27	2	1	28	2	1	23	2	1	8	1	1	12	2	1	21	2	1	14	2	1	11	2	1	17	2
8	1	26	2	1	25	2	1	10	1	1	12	2	1	15	2	1	7	2	1	13	2	1	10	2	1	13	2
9	1	28	2	1	24	2	1	26	2	1	12	2	1	12	2	1	7	1	1	14	2	1	4	2	1	12	2
10	1	26	2	1	19	2	1	3	2	1	11	2	1	11	2	1	8	1	1	13	2	1	12	2	1	6	1
11	1	24	2	1	21	2	1	28	2	1	14	1	1	19	2	1	12	2	1	12	1	1	19	2	1	12	2
12	1	25	2	1	21	3	1	26	3	1	7	2	1	15	2	1	12	2	1	19	2	1	3	1	1	11	2
13	1	6	1	1	20	2	1	23	2	1	12	3	1	11	2	1	10	1	1	13	2	1	13	2	1	17	2
14	1	24	2	1	28	2	1	25	2	1	13	2	1	15	3	1	8	2	1	17	2	1	15	2	1	15	2
15	1	25	2	1	24	2	1	24	2	1	16	2	1	17	3	1	15	2	1	9	1	1	15	2	1	7	2
16	1	25	2	1	26	2	1	22	2	1	9	2	1	18	2	1	7	2	1	18	2	1	3	1	1	15	2
17	1	24	2	1	27	2	1	5	2	1	14	2	1	19	3	1	8	2	1	16	2	1	27	2	1	16	2
18	1	5	2	1	27	2	1	26	2	1	11	2	1	4	2	1	7	2	1	13	2	1	14	2	1	5	2
19	1	26	2	1	25	2	1	23	2	1	8	2	1	14	3	1	8	2	1	18	2	1	14	2	1	13	2
20	1	23	2	1	4	1	1	26	6	1	18	2	1	23	3	1	12	2	1	8	1	1	3	1	1	22	2
21	3	31	9	3	24	6	6	36	16	1	24	4	2	26	6	1	5	1	2	24	4	2	24	6	1	35	6
22	4	44	12	2	29	6	6	45	19	2	30	6	2	10	4	1	19	3	1	31	7	2	26	7	1	27	5
23	5	33	11	1	13	3	10	38	20	3	36	8	3	26	6	1	24	4	2	25	6	2	29	6	2	35	8
24	5	44	14	3	25	7	5	44	14	1	44	6	2	36	7	1	15	3	2	44	10	2	44	9	2	40	11
25	4	44	13	1	34	4	4	44	14	1	45	7	2	23	4	1	43	7	1	23	4	2	37	7	1	19	3
26	4	21	8	1	20	3	6	33	11	1	29	5	2	22	4	1	15	3	1	22	4	1	23	4	1	15	4
27	2	24	7	1	25	3	5	29	11	1	22	4	1	23	4	1	20	2	2	21	4	2	24	4	1	24	3
28	4	33	12	2	25	4	5	31	12	2	39	10	2	35	9	1	12	2	1	31	8	1	45	8	1	32	7
Monthly Min/Max/Avg	1	44	5	1	34	3	1	45	7	1	45	3	1	36	3	1	43	2	1	44	3	1	45	4	1	40	3

NOTES: ' - ' indicates filter offline

1.2.8 Rosedale Filters 1 - 9 Turbidity (NTU)

February 2026

Filter	1			2			3			4			5			6			7			8			9		
Day	Min	Max	Avg																								
1	0.02	0.06	0.03	0.03	0.05	0.03	0.02	0.05	0.03	0.01	0.06	0.03	0.02	0.06	0.04	0.02	0.06	0.03	0.03	0.05	0.03	0.02	0.03	0.02	0.02	0.05	0.03
2	0.03	0.04	0.03	0.03	0.06	0.04	0.02	0.05	0.02	0.02	0.03	0.02	0.03	0.05	0.03	0.02	0.04	0.02	0.03	0.07	0.04	0.02	0.05	0.04	0.02	0.03	0.02
3	--	--	--	0.03	0.04	0.03	0.02	0.03	0.02	0.02	0.05	0.03	--	--	--	0.03	0.06	0.04	0.03	0.03	0.03	0.02	0.03	0.02	0.02	0.06	0.03
4	0.02	0.05	0.03	0.03	0.05	0.04	0.02	0.02	0.02	0.01	0.03	0.02	0.05	0.05	0.05	0.02	0.03	0.02	0.03	0.06	0.04	0.02	0.03	0.02	0.01	0.03	0.02
5	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.05	0.03	--	--	--	0.03	0.05	0.03	0.01	0.04	0.02	0.02	0.03	0.03	0.02	0.04	0.03	0.02	0.02	0.02
6	--	--	--	0.03	0.05	0.03	0.01	0.02	0.02	0.02	0.04	0.02	0.02	0.03	0.02	0.02	0.04	0.03	0.02	0.04	0.03	0.02	0.03	0.02	0.02	0.05	0.03
7	0.02	0.04	0.03	0.03	0.05	0.04	0.01	0.02	0.01	0.01	0.02	0.01	0.03	0.04	0.04	0.02	0.02	0.02	0.04	0.06	0.04	0.02	0.02	0.02	0.02	0.03	0.02
8	0.02	0.02	0.02	0.03	0.04	0.03	0.02	0.04	0.02	0.01	0.04	0.01	0.02	0.03	0.03	0.01	0.04	0.01	0.03	0.04	0.03	0.02	0.05	0.03	0.01	0.04	0.02
9	0.02	0.06	0.03	0.03	0.06	0.03	0.01	0.02	0.01	0.01	0.03	0.02	0.02	0.03	0.02	0.02	0.04	0.03	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.02
10	0.02	0.03	0.02	0.02	0.06	0.03	0.02	0.04	0.03	0.01	0.01	0.01	0.02	0.04	0.03	0.01	0.02	0.02	0.02	0.04	0.03	0.02	0.02	0.02	0.01	0.02	0.02
11	0.02	0.04	0.03	0.03	0.04	0.03	0.01	0.04	0.02	0.02	0.06	0.02	0.02	0.04	0.02	0.01	0.03	0.01	0.03	0.04	0.03	0.02	0.04	0.03	0.01	0.05	0.02
12	0.02	0.03	0.02	0.03	0.05	0.04	0.01	0.02	0.01	0.01	0.02	0.01	0.02	0.04	0.02	0.02	0.05	0.02	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02
13	0.02	0.05	0.02	0.03	0.07	0.03	0.02	0.06	0.03	0.01	0.05	0.02	0.02	0.04	0.03	0.01	0.03	0.02	0.03	0.06	0.03	0.02	0.02	0.02	0.01	0.02	0.02
14	0.02	0.03	0.03	0.03	0.05	0.03	0.02	0.06	0.02	0.01	0.02	0.01	0.02	0.04	0.02	0.01	0.04	0.02	0.03	0.04	0.03	0.02	0.04	0.03	0.02	0.04	0.03
15	0.02	0.04	0.02	0.02	0.08	0.03	0.02	0.06	0.03	0.01	0.02	0.01	0.03	0.04	0.03	0.02	0.02	0.02	0.04	0.04	0.04	0.02	0.02	0.02	0.02	0.02	0.02
16	0.03	0.04	0.03	0.03	0.07	0.03	0.02	0.03	0.02	0.02	0.05	0.03	0.02	0.04	0.03	0.01	0.02	0.01	0.03	0.04	0.03	0.02	0.04	0.03	0.02	0.04	0.02
17	0.02	0.03	0.02	0.03	0.05	0.03	--	--	--	0.01	0.02	0.02	0.03	0.05	0.04	0.02	0.04	0.03	0.03	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.02
18	0.02	0.06	0.03	0.02	0.08	0.03	0.02	0.04	0.02	0.01	0.02	0.01	0.02	0.04	0.03	0.01	0.02	0.02	0.03	0.05	0.03	0.02	0.05	0.02	0.01	0.02	0.02
19	0.02	0.03	0.02	0.03	0.05	0.03	0.01	0.02	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.01	0.04	0.02	0.03	0.03	0.03	0.02	0.03	0.02	0.02	0.05	0.03
20	0.02	0.06	0.03	0.03	0.04	0.03	0.02	0.04	0.03	0.01	0.02	0.01	0.03	0.05	0.03	0.02	0.02	0.02	0.02	0.05	0.03	0.01	0.02	0.02	0.01	0.04	0.02
21	0.02	0.03	0.03	0.03	0.06	0.04	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.01	0.03	0.02	0.03	0.05	0.03	0.01	0.05	0.03	0.01	0.05	0.02
22	0.02	0.03	0.02	0.03	0.04	0.03	0.01	0.05	0.02	0.02	0.06	0.03	0.02	0.06	0.04	0.03	0.06	0.03	0.03	0.04	0.03	0.02	0.03	0.02	0.02	0.04	0.03
23	0.03	0.06	0.04	0.03	0.05	0.03	0.02	0.03	0.02	0.01	0.02	0.02	0.03	0.05	0.03	0.02	0.03	0.02	0.04	0.06	0.05	0.02	0.02	0.02	0.02	0.02	0.02
24	0.03	0.04	0.03	0.04	0.06	0.05	0.01	0.06	0.02	0.03	0.05	0.04	0.02	0.04	0.03	0.01	0.07	0.03	0.03	0.05	0.04	0.03	0.05	0.04	0.02	0.07	0.03
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26	--	--	--	0.04	0.06	0.05	0.05	0.05	0.05	0.03	0.03	0.03	--	--	--	0.03	0.06	0.04	0.05	0.06	0.06	0.03	0.04	0.04	0.04	0.04	0.04
27	--	--	--	0.03	0.05	0.04	0.02	0.07	0.03	0.01	0.03	0.02	0.03	0.05	0.04	0.02	0.03	0.02	0.03	0.07	0.04	--	--	--	0.02	0.04	0.02
28	0.02	0.06	0.03	0.03	0.05	0.03	0.01	0.02	0.02	0.01	0.05	0.03	0.02	0.04	0.03	0.01	0.06	0.02	0.03	0.07	0.04	0.03	0.06	0.04	0.02	0.02	0.02
Monthly Min/Max/Avg	0.02	0.06	0.03	0.02	0.08	0.03	0.01	0.07	0.02	0.01	0.06	0.02	0.02	0.06	0.03	0.01	0.07	0.02	0.02	0.07	0.03	0.01	0.06	0.02	0.01	0.07	0.02

NOTES: '--' indicates filter offline

1.2.9 E.L. Smith Filters 1 - 9 Turbidity (NTU)

February 2026

Filter	1			2			3			4			5			6			7			8			9		
Day	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg												
1	0.01	0.01	0.01	0.02	0.06	0.02	0.00	0.04	0.01	0.02	0.06	0.03	0.00	0.02	0.01	--	--	--	0.00	0.05	0.01	0.01	0.07	0.03	0.00	0.06	0.01
2	0.01	0.04	0.02	0.02	0.07	0.02	0.00	0.02	0.01	0.02	0.03	0.03	0.00	0.04	0.01	--	--	--	0.01	0.05	0.01	0.01	0.04	0.02	0.00	0.06	0.01
3	0.01	0.01	0.01	0.02	0.02	0.02	0.00	0.04	0.01	0.02	0.05	0.03	0.00	0.05	0.00	--	--	--	0.01	0.05	0.01	0.01	0.07	0.03	0.01	0.06	0.01
4	0.01	0.04	0.02	0.02	0.05	0.03	0.00	0.04	0.01	0.02	0.06	0.03	0.00	0.01	0.00	--	--	--	0.01	0.06	0.01	0.02	0.07	0.03	0.01	0.06	0.01
5	0.01	0.05	0.02	0.02	0.07	0.02	0.00	0.01	0.01	0.02	0.03	0.03	0.00	0.04	0.01	--	--	--	0.01	0.06	0.01	0.02	0.07	0.02	0.01	0.05	0.01
6	0.01	0.05	0.02	0.02	0.03	0.02	0.00	0.04	0.01	0.02	0.05	0.03	0.00	0.05	0.01	--	--	--	0.01	0.05	0.01	0.02	0.07	0.02	0.01	0.05	0.01
7	0.01	0.05	0.02	0.02	0.07	0.02	0.00	0.04	0.01	0.02	0.06	0.03	0.00	0.05	0.01	--	--	--	0.01	0.06	0.01	0.02	0.07	0.03	0.01	0.05	0.01
8	0.01	0.03	0.02	0.02	0.07	0.02	0.00	0.05	0.01	0.02	0.06	0.03	0.00	0.04	0.00	--	--	--	0.01	0.05	0.01	0.02	0.03	0.02	0.01	0.05	0.01
9	0.01	0.04	0.02	0.02	0.05	0.02	0.00	0.04	0.01	0.02	0.03	0.03	0.00	0.02	0.01	--	--	--	0.01	0.05	0.01	0.02	0.07	0.03	0.01	0.05	0.01
10	0.01	0.04	0.02	0.02	0.02	0.02	0.00	0.01	0.01	0.02	0.05	0.03	0.00	0.04	0.01	--	--	--	0.01	0.05	0.01	0.02	0.07	0.03	0.01	0.06	0.01
11	0.01	0.02	0.01	0.02	0.06	0.02	0.00	0.04	0.01	0.02	0.05	0.03	0.01	0.00	0.00	--	--	--	0.01	0.02	0.00	0.01	0.06	0.02	0.01	0.05	0.01
12	0.01	0.05	0.02	0.02	0.07	0.02	0.00	0.00	0.00	0.02	0.03	0.03	0.00	0.04	0.01	--	--	--	0.01	0.04	0.01	0.01	0.06	0.02	0.01	0.05	0.01
13	0.01	0.04	0.02	0.02	0.08	0.02	0.01	0.03	0.01	0.02	0.05	0.03	0.00	0.04	0.01	--	--	--	0.01	0.05	0.01	0.01	0.06	0.02	0.01	0.02	0.00
14	0.01	0.02	0.01	0.02	0.02	0.02	0.00	0.04	0.01	0.02	0.06	0.03	0.00	0.04	0.01	--	--	--	0.01	0.05	0.01	0.02	0.05	0.02	0.01	0.05	0.01
15	0.01	0.04	0.02	0.02	0.07	0.02	0.00	0.04	0.01	0.02	0.04	0.03	0.00	0.01	0.00	--	--	--	0.01	0.05	0.01	0.02	0.07	0.03	0.01	0.05	0.01
16	0.01	0.04	0.02	0.02	0.06	0.02	0.00	0.01	0.01	0.02	0.06	0.03	0.00	0.04	0.01	--	--	--	0.01	0.05	0.01	0.02	0.07	0.03	0.01	0.05	0.01
17	0.01	0.03	0.01	0.02	0.05	0.02	0.00	0.06	0.01	0.02	0.06	0.03	0.00	0.05	0.01	--	--	--	0.01	0.05	0.01	0.02	0.07	0.03	0.01	0.05	0.01
18	0.01	0.04	0.02	0.02	0.02	0.02	0.00	0.04	0.01	0.03	0.07	0.03	0.00	0.04	0.01	--	--	--	0.01	0.01	0.00	0.02	0.07	0.03	0.00	0.05	0.01
19	0.01	0.01	0.01	0.02	0.06	0.02	0.00	0.04	0.01	0.02	0.03	0.03	0.00	0.03	0.01	--	--	--	0.00	0.05	0.01	0.02	0.04	0.02	0.01	0.05	0.01
20	0.01	0.05	0.02	0.02	0.07	0.02	0.00	0.02	0.01	0.02	0.06	0.03	0.01	0.05	0.01	--	--	--	0.01	0.04	0.01	0.02	0.06	0.02	0.01	0.02	0.00
21	0.01	0.05	0.01	0.02	0.02	0.02	0.01	0.04	0.01	0.02	0.03	0.02	0.01	0.00	0.00	--	--	--	0.00	0.05	0.01	0.01	0.06	0.03	0.01	0.06	0.01
22	0.01	0.02	0.02	0.02	0.06	0.02	0.00	0.01	0.00	0.02	0.05	0.03	0.00	0.04	0.01	--	--	--	0.00	0.05	0.01	0.01	0.03	0.02	0.00	0.03	0.01
23	0.01	0.05	0.01	0.02	0.02	0.02	0.00	0.05	0.01	0.02	0.03	0.03	0.00	0.05	0.01	--	--	--	0.00	0.02	0.01	0.02	0.06	0.03	0.00	0.07	0.01
24	0.01	0.03	0.02	0.02	0.06	0.02	0.00	0.05	0.01	0.02	0.07	0.03	0.00	0.05	0.01	--	--	--	0.00	0.05	0.01	0.02	0.07	0.03	0.01	0.07	0.01
25	0.01	0.05	0.02	0.02	0.07	0.02	0.00	0.04	0.01	0.03	0.07	0.03	0.00	0.02	0.01	--	--	--	0.00	0.06	0.01	0.02	0.08	0.03	0.00	0.06	0.01
26	0.01	0.04	0.01	0.02	0.02	0.02	0.00	0.01	0.01	0.02	0.03	0.03	0.00	0.04	0.01	--	--	--	0.01	0.05	0.01	0.02	0.07	0.02	0.01	0.05	0.01
27	0.01	0.03	0.02	0.02	0.06	0.02	0.00	0.04	0.01	0.02	0.06	0.03	0.00	0.04	0.01	--	--	--	0.01	0.05	0.01	0.02	0.03	0.02	0.01	0.06	0.01
28	0.01	0.04	0.02	0.02	0.06	0.02	0.00	0.04	0.01	0.02	0.03	0.03	0.01	0.04	0.00	--	--	--	0.01	0.05	0.00	0.02	0.06	0.03	0.00	0.06	0.01
Monthly Min/Max/Avg	0.01	0.05	0.02	0.02	0.08	0.02	0.01	0.06	0.01	0.02	0.07	0.03	0.01	0.05	0.01	--	--	--	0.01	0.06	0.01	0.01	0.08	0.02	0.01	0.07	0.01

NOTES: '--' indicates filter offline

1.2.10 E.L. Smith Filters 10 - 18 Turbidity (NTU)

February 2026

Filter	10			11			12			13			14			15			16			17			18		
Day	Min	Max	Avg																								
1	0.03	0.08	0.04	0.01	0.02	0.00	0.01	0.06	0.02	0.03	0.05	0.03	0.03	0.08	0.04	0.04	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.06	0.03
2	0.03	0.08	0.04	0.01	0.06	0.01	0.01	0.06	0.02	0.03	0.08	0.04	0.03	0.08	0.04	0.04	0.08	0.05	0.04	0.05	0.04	0.04	0.09	0.05	0.03	0.06	0.03
3	0.03	0.07	0.03	0.01	0.06	0.01	0.01	0.05	0.02	0.03	0.07	0.04	0.03	0.08	0.04	0.04	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.06	0.03
4	0.02	0.07	0.03	0.01	0.06	0.01	0.00	0.02	0.01	0.02	0.08	0.03	0.03	0.04	0.04	0.04	0.06	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.06	0.03
5	0.02	0.07	0.03	0.01	0.06	0.00	0.00	0.05	0.01	0.03	0.08	0.04	0.03	0.08	0.04	0.04	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.04	0.03
6	0.02	0.07	0.03	0.01	0.06	0.01	0.00	0.05	0.01	0.03	0.08	0.04	0.03	0.08	0.04	0.04	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.07	0.03
7	0.02	0.07	0.03	0.01	0.06	0.03	0.00	0.05	0.01	0.03	0.05	0.04	0.03	0.08	0.04	0.04	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.07	0.03
8	0.02	0.07	0.03	0.01	0.06	0.00	0.00	0.03	0.01	0.03	0.08	0.03	0.03	0.08	0.04	0.04	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.04	0.02	0.06	0.03
9	0.02	0.07	0.03	0.01	0.06	0.00	0.00	0.05	0.01	0.03	0.08	0.04	0.03	0.08	0.04	0.04	0.09	0.05	0.04	0.08	0.04	0.04	0.05	0.04	0.03	0.06	0.03
10	0.02	0.07	0.03	0.01	0.05	0.01	0.00	0.03	0.01	0.03	0.08	0.04	0.03	0.08	0.04	0.04	0.07	0.05	0.03	0.08	0.04	0.04	0.09	0.05	0.02	0.03	0.03
11	0.02	0.07	0.03	0.01	0.05	0.00	0.00	0.05	0.01	0.03	0.08	0.03	0.03	0.07	0.04	0.04	0.08	0.05	0.03	0.04	0.04	0.04	0.08	0.05	0.03	0.05	0.03
12	0.02	0.06	0.03	0.01	0.05	0.01	0.01	0.04	0.01	0.03	0.04	0.03	0.03	0.08	0.04	0.04	0.08	0.05	0.03	0.08	0.04	0.04	0.04	0.04	0.03	0.06	0.03
13	0.02	0.04	0.02	0.01	0.05	0.00	0.00	0.04	0.01	0.04	0.08	0.04	0.03	0.05	0.04	0.04	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.06	0.03
14	0.02	0.07	0.03	0.01	0.06	0.01	0.00	0.05	0.01	0.03	0.08	0.04	0.03	0.08	0.04	0.04	0.06	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.06	0.03
15	0.02	0.07	0.03	0.01	0.05	0.00	0.00	0.05	0.01	0.03	0.08	0.04	0.03	0.08	0.04	0.04	0.08	0.05	0.03	0.04	0.04	0.04	0.09	0.05	0.03	0.04	0.03
16	0.02	0.07	0.03	0.01	0.06	0.01	0.00	0.05	0.01	0.03	0.05	0.04	0.03	0.08	0.04	0.04	0.09	0.05	0.04	0.08	0.04	0.04	0.05	0.04	0.03	0.07	0.03
17	0.02	0.06	0.03	0.01	0.06	0.01	0.00	0.02	0.01	0.03	0.08	0.04	0.03	0.08	0.04	0.04	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.07	0.03
18	0.02	0.05	0.03	0.01	0.06	0.01	0.01	0.05	0.01	0.03	0.08	0.05	0.03	0.04	0.04	0.05	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.03	0.03
19	0.02	0.09	0.03	0.01	0.05	0.00	0.01	0.05	0.01	0.02	0.08	0.03	0.02	0.08	0.04	0.04	0.05	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.07	0.03
20	0.02	0.06	0.03	0.01	0.01	0.00	0.00	0.04	0.01	0.03	0.08	0.04	0.03	0.06	0.03	0.04	0.08	0.05	0.03	0.04	0.04	0.04	0.05	0.04	0.03	0.06	0.03
21	0.03	0.07	0.03	0.01	0.04	0.00	0.01	0.04	0.02	0.03	0.08	0.04	0.03	0.06	0.03	0.04	0.05	0.04	0.04	0.07	0.04	0.04	0.08	0.05	0.03	0.06	0.03
22	0.03	0.07	0.03	0.01	0.05	0.01	0.01	0.05	0.02	0.04	0.08	0.04	0.03	0.04	0.03	0.05	0.09	0.05	0.04	0.07	0.04	0.04	0.08	0.05	0.03	0.06	0.03
23	0.03	0.07	0.04	0.01	0.00	0.01	0.02	0.05	0.03	0.04	0.05	0.04	0.03	0.07	0.04	0.05	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.06	0.04
24	0.03	0.08	0.04	0.01	0.06	0.01	0.02	0.06	0.02	0.04	0.09	0.04	0.01	0.05	0.02	0.05	0.06	0.05	0.04	0.09	0.05	0.04	0.09	0.05	0.03	0.08	0.04
25	0.03	0.08	0.04	0.01	0.06	0.01	0.01	0.06	0.02	0.04	0.09	0.04	0.01	0.06	0.02	0.05	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.07	0.04
26	0.03	0.07	0.04	0.01	0.05	0.01	0.01	0.05	0.02	0.03	0.08	0.04	0.01	0.05	0.02	0.05	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.04	0.03
27	0.03	0.06	0.03	0.01	0.05	0.01	0.01	0.05	0.02	0.03	0.08	0.04	0.01	0.05	0.02	0.04	0.09	0.05	0.04	0.07	0.04	0.04	0.08	0.05	0.03	0.07	0.03
28	0.03	0.07	0.03	0.01	0.05	0.00	0.01	0.05	0.02	0.03	0.08	0.04	0.01	0.02	0.01	0.04	0.07	0.05	0.04	0.07	0.04	0.04	0.08	0.05	0.03	0.06	0.03
Monthly Min/Max/Avg	0.02	0.09	0.03	0.01	0.06	0.01	0.00	0.06	0.01	0.02	0.09	0.04	0.01	0.08	0.03	0.04	0.09	0.05	0.03	0.09	0.04	0.04	0.09	0.05	0.02	0.08	0.03

NOTES: ' -- ' indicates filter offline

1.2.11 Combined Filter Effluent Water Quality

February 2026

Day	Rossdale						E.L. Smith					
	Particle Counts (no./mL,>2um)			Turbidity (NTU)			Particle Counts (no./mL,>2um)			Turbidity (NTU)		
	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	2	9	4	0.04	0.06	0.04	2	8	4	0.02	0.03	0.02
2	2	10	4	0.04	0.08	0.04	3	9	4	0.02	0.03	0.02
3	1	14	3	0.03	0.06	0.04	2	12	5	0.02	0.03	0.02
4	1	9	2	0.06	0.08	0.06	1	4	2	0.02	0.03	0.02
5	1	6	2	0.03	0.08	0.04	2	7	2	0.02	0.03	0.02
6	1	6	2	0.03	0.07	0.04	1	4	2	0.02	0.03	0.02
7	1	4	1	0.03	0.07	0.03	2	4	2	0.02	0.03	0.02
8	1	4	1	0.03	0.04	0.03	2	4	2	0.02	0.03	0.02
9	1	4	1	0.03	0.13	0.03	2	5	2	0.02	0.03	0.02
10	1	3	1	0.03	0.07	0.03	1	4	2	0.02	0.03	0.02
11	1	7	1	0.03	0.05	0.03	1	4	2	0.02	0.03	0.02
12	1	2	1	0.03	0.07	0.03	1	4	2	0.02	0.03	0.02
13	1	4	1	0.03	0.07	0.03	1	4	2	0.02	0.03	0.02
14	1	3	1	0.03	0.05	0.03	2	4	2	0.02	0.03	0.02
15	1	4	2	0.03	0.05	0.03	2	4	2	0.02	0.03	0.02
16	1	10	2	0.03	0.06	0.03	1	4	2	0.02	0.03	0.02
17	1	11	2	0.03	0.05	0.03	2	4	2	0.02	0.03	0.02
18	1	4	2	0.03	0.09	0.04	1	12	2	0.02	0.03	0.02
19	1	5	1	0.03	0.08	0.04	2	5	2	0.02	0.03	0.02
20	1	5	1	0.03	0.06	0.03	1	5	2	0.02	0.02	0.02
21	1	5	1	0.03	0.01	0.04	3	9	5	0.02	0.03	0.02
22	1	4	1	0.03	0.07	0.04	4	10	6	0.02	0.03	0.02
23	1	5	2	0.03	0.06	0.04	4	11	7	0.02	0.03	0.03
24	1	12	4	0.03	0.05	0.04	4	12	7	0.02	0.03	0.03
25	1	1	1	0.03	0.08	0.04	2	10	5	0.02	0.03	0.03
26	1	1	2	0.04	0.08	0.04	2	6	4	0.02	0.03	0.02
27	1	10	2	0.03	0.26	0.05	3	6	4	0.02	0.03	0.02
28	1	10	5	0.03	0.08	0.04	4	9	6	0.02	0.02	0.02
Monthly Min/Max/Avg	1	14	2	0.03	0.26	0.04	1	12	3	0.02	0.03	0.02

NOTES: ' -- ' indicates plant offline

1.2.12 Rossdale UV Disinfection - Filters 1 - 3

February 2026

Filter	1						2						3						Transmittance (%)		
	Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)					
	Day	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max
1	35.1	50.7	35.6	10.6	24.4	14.6	35.1	41.4	36.0	16.5	25.2	15.0	34.9	36.6	35.6	17.1	23.9	15.0	92.7	93.1	93.0
2	35.1	35.8	35.6	19.0	23.4	14.2	34.8	37.2	35.7	20.1	27.3	16.5	34.9	49.3	35.6	10.2	25.9	14.6	92.0	93.5	93.2
3	--	--	--	--	--	--	35.8	38.2	36.0	17.3	25.0	11.6	35.5	36.2	35.6	18.1	26.7	21.2	92.0	93.5	93.3
4	35.1	36.1	35.6	20.1	24.3	21.9	35.1	36.4	35.7	23.1	26.4	13.3	35.7	41.0	38.4	15.7	18.3	4.6	93.5	94.5	94.2
5	34.9	39.7	35.9	14.6	21.4	14.2	35.2	44.6	37.9	16.4	25.9	20.7	33.9	36.1	35.6	21.5	28.9	7.0	93.7	94.1	93.8
6	--	--	--	--	--	--	41.4	55.7	46.4	12.2	16.5	8.1	35.0	41.2	36.4	15.6	28.2	21.6	92.7	94.5	93.3
7	35.1	38.3	35.7	18.7	25.0	20.6	35.3	40.6	35.8	20.4	26.8	12.6	38.4	45.7	46.0	13.5	17.3	6.4	94.3	94.5	94.4
8	35.2	52.4	40.5	11.7	20.9	16.6	35.3	49.7	39.8	16.1	26.9	21.6	35.0	36.3	35.6	20.2	29.7	24.4	94.3	95.2	94.8
9	35.0	41.9	35.9	11.7	30.6	23.6	35.2	58.9	53.4	12.7	31.3	12.6	35.2	54.7	42.1	13.9	20.3	15.0	94.1	94.7	94.5
10	35.2	51.8	41.0	11.6	20.9	16.0	35.2	42.0	36.8	19.6	31.1	25.5	34.7	36.0	35.6	22.1	26.5	10.3	92.5	94.7	94.1
11	35.2	54.0	45.2	11.0	27.8	4.4	41.2	74.6	48.9	10.2	19.7	9.4	35.3	48.9	38.3	14.0	24.1	19.5	94.4	94.9	94.7
12	35.1	36.4	35.7	19.7	27.3	24.3	35.2	36.2	35.7	27.7	31.7	9.3	47.9	62.1	55.0	11.1	14.3	8.9	94.9	96.1	95.1
13	35.3	50.9	40.9	13.2	27.6	11.0	35.2	49.7	39.7	17.2	30.5	23.5	35.0	36.2	35.6	21.9	29.2	19.0	93.6	95.2	94.8
14	35.0	37.2	35.7	18.5	27.0	23.0	36.4	61.0	51.0	13.3	24.4	10.7	35.3	51.2	40.5	13.5	22.7	16.2	94.7	95.0	94.9
15	35.7	52.8	41.8	12.1	19.3	10.9	35.4	44.3	38.1	19.3	25.8	23.1	35.1	36.3	35.7	20.6	26.0	19.0	94.8	95.0	94.9
16	35.2	36.0	35.6	22.4	24.0	7.8	35.0	55.1	46.8	14.0	24.7	12.6	35.0	46.3	39.6	14.6	20.7	11.5	94.8	95.2	94.9
17	35.1	40.3	36.5	17.3	28.1	21.5	35.4	41.7	38.3	21.9	31.0	24.2	--	--	--	--	--	--	95.0	95.2	95.1
18	33.7	44.5	36.3	13.2	30.0	17.9	35.1	42.3	41.7	12.0	27.6	17.9	33.9	40.7	36.4	17.5	30.1	21.7	92.8	95.9	94.8
19	35.3	46.8	39.9	14.3	22.3	18.0	38.0	51.2	44.2	17.0	25.2	20.9	39.2	54.8	43.6	13.1	19.3	12.4	94.8	95.9	95.1
20	35.1	53.7	40.0	11.9	23.7	10.7	50.4	69.0	58.2	11.9	17.2	9.8	35.0	36.7	35.7	20.3	22.5	9.8	94.8	95.2	94.9
21	35.0	36.1	35.6	18.7	24.2	22.0	35.2	46.6	37.3	19.9	29.2	21.7	35.1	37.0	35.8	19.1	24.3	21.7	93.8	95.2	94.7
22	35.4	38.7	36.6	16.2	19.1	12.1	35.4	44.4	38.9	16.9	25.6	21.6	35.3	48.0	37.6	13.5	22.4	15.9	94.0	95.0	94.6
23	35.0	36.0	35.6	20.2	27.0	17.2	42.6	45.1	43.9	16.6	17.4	3.9	34.9	36.1	35.6	19.9	27.1	22.7	92.7	94.2	93.6
24	35.0	36.1	35.6	19.8	26.7	15.3	35.1	36.0	35.6	20.0	27.4	16.4	34.9	53.5	35.6	11.0	27.1	16.6	91.4	92.9	92.6
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	92.6	92.6	92.6
26	--	--	--	--	--	--	35.4	36.1	35.7	22.1	24.6	9.0	35.0	36.4	35.6	20.9	25.9	0.9	92.6	93.6	92.9
27	--	--	--	--	--	--	35.2	36.1	35.7	23.2	29.9	25.5	34.9	36.1	35.6	20.6	27.5	24.3	93.2	94.1	93.7
28	35.0	36.0	35.6	20.8	31.1	20.2	35.4	48.3	39.3	16.2	23.4	17.5	35.2	47.8	39.1	13.2	20.8	17.0	93.2	94.4	93.9
Monthly Total						377.9						434.5						397.1			
Monthly Min/Max/Avg	33.7	54.0	37.5	10.6	31.1		34.8	74.6	40.8	10.2	31.7		33.9	62.1	38.2	10.2	30.1		91.4	96.1	94.2

NOTES: - Each filter has a UV reactor
 - Transmittance (%) is a grab sample of the filter effluent prior to the UV reactor of a random online filter
 ' -- ' indicates filter and UV reactor offline

1.2.13 Rossdale UV Disinfection - Filters 4 - 6

February 2026

Filter	4						5						6						Transmittance (%)		
	Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)					
	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg
1	35.2	41.4	38.0	17.6	25.1	14.5	32.7	36.4	36.1	19.2	23.2	8.9	35.0	38.2	35.7	18.6	25.6	18.9	92.7	93.1	93.0
2	35.1	35.8	35.8	20.6	23.4	12.5	34.5	50.8	35.7	12.4	23.0	20.3	35.4	56.3	35.7	21.2	24.3	13.1	92.0	93.5	93.2
3	35.7	42.2	37.9	18.2	22.7	17.2	--	--	--	--	--	--	34.9	35.9	35.6	24.9	25.8	9.9	92.0	93.5	93.3
4	40.7	47.6	44.2	17.2	19.9	8.0	37.0	38.2	37.4	19.1	19.4	0.2	35.2	38.4	36.3	19.3	24.9	22.0	93.5	94.5	94.2
5	--	--	--	--	--	--	34.5	39.1	36.4	18.2	25.8	21.6	37.4	50.1	40.2	13.3	19.7	10.4	93.7	94.1	93.8
6	35.1	43.1	36.4	18.2	26.1	12.1	37.2	63.8	45.9	10.3	18.3	11.5	34.6	35.9	35.7	24.9	28.4	6.6	92.7	94.5	93.3
7	38.0	51.0	46.5	15.9	22.4	17.6	35.3	35.9	35.6	23.1	24.3	2.5	35.3	40.3	37.0	19.3	29.0	21.6	94.3	94.5	94.4
8	35.3	73.7	55.4	10.8	26.3	11.5	35.1	47.8	38.3	15.8	27.1	22.3	39.9	73.1	52.3	10.4	19.3	13.0	94.3	95.2	94.8
9	34.9	43.3	36.8	19.7	30.2	25.2	47.0	57.2	53.8	13.9	16.2	8.1	35.4	35.9	35.6	25.4	32.7	15.4	94.1	94.7	94.5
10	42.2	62.9	50.4	12.6	19.9	14.2	34.4	36.2	35.6	22.3	27.0	15.8	35.2	48.1	39.1	15.9	28.0	21.5	92.5	94.7	94.1
11	37.1	50.0	39.8	17.7	24.0	18.9	35.4	65.0	47.7	11.9	22.3	16.7	47.4	76.9	55.5	12.2	15.9	7.2	94.4	94.9	94.7
12	43.5	62.5	51.6	14.4	20.5	17.6	63.1	70.6	65.4	10.6	11.9	0.4	35.2	35.9	35.7	25.4	32.8	19.2	94.9	96.1	95.1
13	35.2	67.6	48.8	11.8	29.4	16.9	35.3	45.7	37.9	17.9	28.4	22.6	35.3	56.6	43.7	14.1	27.4	19.7	93.6	95.2	94.8
14	35.3	54.6	43.0	16.2	26.3	21.1	45.0	64.4	52.6	11.6	18.0	10.6	33.8	68.2	49.7	11.2	25.4	11.1	94.7	95.0	94.9
15	50.3	57.0	53.1	15.0	17.1	3.4	40.6	43.4	42.0	18.4	19.9	5.1	34.9	43.9	37.4	18.3	25.7	22.8	94.8	95.0	94.9
16	40.6	52.7	43.0	17.2	22.0	7.0	35.6	44.2	38.8	18.3	24.0	13.6	35.8	56.2	48.8	12.6	18.3	10.4	94.8	95.2	94.9
17	35.3	47.4	42.7	19.5	28.1	21.6	36.8	43.7	39.9	19.2	23.0	4.0	35.4	36.3	35.7	20.9	30.1	8.4	95.0	95.2	95.1
18	43.1	46.0	43.1	13.0	19.6	13.4	34.9	56.1	40.6	15.2	26.2	20.9	35.2	54.2	40.1	16.3	29.4	23.2	92.8	95.9	94.8
19	36.3	52.9	38.2	17.8	25.8	14.6	51.6	59.2	57.4	15.7	15.7	6.7	35.5	58.3	44.3	13.8	29.3	12.3	94.8	95.9	95.1
20	38.9	59.2	45.9	14.9	23.4	19.7	35.0	44.6	37.3	18.4	26.8	20.0	35.3	47.5	38.0	17.5	26.3	22.9	94.8	95.2	94.9
21	59.1	58.9	59.0	15.0	15.0	0.0	43.8	58.9	48.9	13.0	18.5	15.9	46.7	61.5	52.2	12.3	17.5	13.1	93.8	95.2	94.7
22	35.1	53.1	36.6	17.6	25.5	20.2	35.3	60.7	52.6	12.2	23.3	3.9	35.4	37.2	35.7	20.7	25.6	12.4	94.0	95.0	94.6
23	35.5	41.1	37.4	16.5	21.4	19.4	35.3	36.1	35.6	21.2	27.0	23.2	35.2	35.9	35.6	21.1	25.5	22.7	92.7	94.2	93.6
24	35.1	45.1	35.9	13.9	26.9	8.8	34.6	38.0	35.8	16.0	21.5	11.4	35.1	36.0	35.7	14.0	30.7	13.2	91.4	92.9	92.6
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	92.6	92.6	92.6
26	35.1	38.8	36.5	19.8	23.1	7.8	--	--	--	--	--	--	34.7	35.9	35.6	23.9	25.4	9.3	92.6	93.6	92.9
27	34.5	43.1	37.4	18.1	24.2	21.4	36.3	39.9	38.6	18.2	19.0	3.9	35.2	36.0	35.6	20.6	27.5	24.5	93.2	94.1	93.7
28	35.1	52.4	39.6	13.5	29.0	8.9	35.2	40.4	36.5	18.4	26.9	22.6	35.5	53.5	42.7	13.5	20.7	17.1	93.2	94.4	93.9
Monthly Total						373.6						312.7						421.8			
Monthly Min/Max/Avg	34.5	73.7	42.8	10.8	30.2		32.7	70.6	42.5	10.3	28.4		33.8	76.9	40.2	10.4	32.8		91.4	96.1	94.2

NOTES: - Each filter has a UV reactor
 - Transmittance (%) is a grab sample of the filter effluent prior to the UV reactor of a random online filter
 ' -- ' indicates filter and UV reactor offline

1.2.14 Rossdale UV Disinfection - Filters 7 - 9

February 2026

Filter	7						8						9						Transmittance (%)		
	Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)					
	Day	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max
1	35.3	35.9	35.6	19.8	23.9	19.9	35.2	38.1	35.6	20.7	24.8	22.6	34.6	36.4	35.6	20.5	25.6	22.6	92.7	93.1	93.0
2	33.2	36.2	35.4	19.5	27.3	22.3	34.4	36.7	35.6	20.1	30.3	14.1	35.1	70.7	35.8	9.2	22.4	7.3	92.0	93.5	93.2
3	34.4	37.3	35.5	21.2	25.2	3.0	35.1	37.0	35.6	18.6	29.1	23.9	34.9	36.4	35.6	22.2	26.9	20.6	92.0	93.5	93.3
4	33.5	37.0	35.5	20.4	29.2	19.3	35.7	37.6	36.7	18.4	19.5	0.7	35.3	45.7	39.1	16.8	23.7	21.0	93.5	94.5	94.2
5	32.9	38.4	35.7	17.5	26.6	21.9	35.2	36.0	35.6	20.6	31.7	13.8	45.3	45.8	45.5	16.7	16.8	0.1	93.7	94.1	93.8
6	35.9	41.2	37.9	14.3	17.6	3.9	35.2	39.2	36.1	17.1	30.1	23.6	33.7	36.0	35.7	21.1	32.2	22.1	92.7	94.5	93.3
7	35.3	36.0	35.6	24.8	26.0	2.8	37.1	54.6	46.7	11.9	19.1	14.5	36.5	48.2	44.7	16.7	23.3	18.3	94.3	94.5	94.4
8	34.6	36.8	35.6	21.7	31.7	27.2	35.2	81.6	40.3	11.0	34.2	14.2	35.1	65.4	49.3	12.0	33.4	12.7	94.3	95.2	94.8
9	35.2	50.5	40.6	13.6	22.1	17.6	35.0	37.6	35.7	19.3	30.6	24.7	34.7	39.2	35.9	21.9	33.3	27.7	94.1	94.7	94.5
10	35.4	54.4	45.0	20.1	24.0	4.8	37.3	43.3	40.0	15.2	19.4	8.9	38.5	56.9	46.1	14.1	22.2	17.8	92.5	94.7	94.1
11	35.3	37.6	35.7	20.6	29.3	25.2	35.1	36.5	35.7	22.4	25.5	14.2	35.3	65.5	47.8	12.4	25.5	16.6	94.4	94.9	94.7
12	35.3	51.3	43.1	15.1	20.9	17.9	35.3	39.2	36.4	20.1	25.9	23.2	35.0	43.8	38.5	21.2	26.9	24.5	94.9	96.1	95.1
13	34.6	55.2	38.2	13.3	32.4	22.5	38.5	58.3	48.0	10.3	20.6	15.1	42.5	65.7	53.3	12.6	21.7	16.4	93.6	95.2	94.8
14	34.8	67.0	36.9	11.3	28.1	20.3	35.0	38.4	36.0	20.5	25.8	16.7	36.2	66.4	41.2	12.4	24.9	10.4	94.7	95.0	94.9
15	35.5	35.8	35.6	24.6	25.1	0.3	34.9	42.1	36.7	17.3	26.4	21.9	35.4	43.8	38.5	19.8	25.7	23.3	94.8	95.0	94.9
16	36.0	37.2	35.5	23.1	28.9	25.1	35.1	51.1	36.3	14.1	25.6	13.1	41.8	42.8	44.9	14.5	20.9	14.0	94.8	95.2	94.9
17	34.7	45.3	38.0	12.1	23.3	14.7	35.2	37.7	35.8	20.5	25.6	23.2	35.3	44.4	39.7	20.2	27.4	23.4	95.0	95.2	95.1
18	34.7	36.2	35.6	24.0	29.6	17.7	35.2	47.1	39.6	10.8	29.7	11.7	41.2	54.0	45.6	11.2	21.0	14.8	92.8	95.9	94.8
19	35.1	41.2	36.9	17.6	24.5	21.1	35.2	36.6	35.6	23.4	29.8	26.8	35.1	43.0	37.2	21.3	29.8	21.0	94.8	95.9	95.1
20	35.3	53.2	45.0	13.1	29.5	11.2	35.4	49.8	41.5	14.9	23.8	18.5	40.3	55.3	44.7	16.3	22.8	20.3	94.8	95.2	94.9
21	34.3	36.6	35.6	22.8	28.7	25.8	34.2	56.9	39.2	12.8	30.0	17.8	36.9	58.8	51.5	14.7	24.8	11.0	93.8	95.2	94.7
22	34.9	37.8	35.8	18.3	23.2	20.6	35.1	36.1	35.7	19.7	27.2	24.1	36.2	38.9	37.3	20.7	25.1	23.4	94.0	95.0	94.6
23	33.7	36.0	35.6	19.8	28.8	6.7	35.3	35.9	35.7	17.4	20.5	14.2	35.1	40.2	36.8	19.5	23.5	21.1	92.7	94.2	93.6
24	33.2	36.0	35.1	25.0	30.3	23.1	35.2	51.8	35.7	10.0	34.2	20.2	34.3	56.0	35.8	10.0	30.2	16.4	91.4	92.9	92.6
25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	92.6	92.6	92.6
26	34.2	35.9	35.5	24.5	26.4	3.7	35.1	35.6	35.8	34.8	23.7	5.3	34.5	36.4	35.6	23.1	26.5	9.1	92.6	93.6	92.9
27	33.3	36.3	35.5	25.1	29.5	27.6	--	--	--	--	--	--	34.3	39.6	36.1	20.7	26.6	24.0	93.2	94.1	93.7
28	34.0	35.7	35.6	21.4	25.3	21.1	35.3	38.9	35.6	20.0	25.5	12.8	38.3	59.8	41.6	12.9	21.0	11.5	93.2	94.4	93.9
Monthly Total						447.3						439.9						471.0			
Monthly Min/Max/Avg	32.9	67.0	37.1	11.3	32.4		34.2	81.6	37.6	10.0	34.2		33.7	70.7	41.1	9.2	33.4		91.4	96.1	94.2

NOTES: - Each filter has a UV reactor
 - Transmittance (%) is a grab sample of the filter effluent prior to the UV reactor of a random online filter
 ' -- ' indicates filter and UV reactor offline

1.2.15 E.L. Smith UV Disinfection - UV Reactors 1 - 4

February 2026

Filter	1						2						3						4						Transmittance (%)		
	Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)					
	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg
1	69.4	80.6	75.2	47.9	72.5	63.7	63.0	88.7	69.5	43.6	65.6	58.3	57.3	74.8	62.5	51.7	77.2	69.4	47.8	48.6	48.1	43.8	52.6	48.0	92.8	93.0	92.9
2	72.6	81.5	76.8	48.0	73.2	65.6	67.9	75.0	70.6	44.4	70.0	60.0	62.1	67.4	64.0	52.1	80.9	71.5	47.8	48.3	48.1	41.8	53.3	49.4	93.0	93.5	93.3
3	77.9	89.3	83.8	62.1	74.1	69.7	73.0	81.4	77.1	56.2	68.6	63.6	65.7	72.6	69.5	67.1	81.4	75.9	47.8	48.5	48.2	47.6	54.4	52.4	93.5	94.1	94.0
4	75.6	83.7	79.3	59.5	72.9	67.4	69.4	78.7	73.5	54.4	67.6	61.7	62.5	71.2	66.4	64.1	79.3	73.6	47.9	48.4	48.2	46.5	53.5	50.8	93.5	94.1	93.8
5	76.0	83.9	79.6	56.8	79.6	71.5	69.6	78.4	72.6	53.2	73.8	65.5	62.2	66.9	64.3	62.6	87.2	78.0	47.8	47.8	49.2	47.8	58.1	53.9	93.5	93.7	93.5
6	49.7	92.0	74.5	63.9	80.9	73.0	75.3	86.3	79.6	58.4	73.8	68.4	66.0	74.5	69.3	70.3	87.8	81.7	47.7	48.4	48.2	52.6	58.9	56.3	93.7	94.5	94.1
7	48.4	52.4	50.3	63.7	76.0	70.9	76.5	83.8	79.2	62.4	74.6	69.7	66.8	73.8	69.2	74.4	90.1	83.3	47.9	48.4	48.2	54.4	59.4	57.6	94.1	94.5	94.2
8	48.8	60.7	55.6	55.5	75.6	64.6	46.9	95.7	81.6	53.3	74.1	63.5	68.1	86.3	75.9	63.9	88.2	75.8	48.0	48.4	48.2	47.4	58.3	52.5	94.1	94.3	94.2
9	52.0	61.0	56.5	52.0	70.8	61.9	47.4	88.4	66.0	51.7	69.8	60.9	72.4	84.5	77.6	60.5	82.7	72.3	48.0	48.4	48.2	46.5	55.3	50.4	94.1	94.4	94.2
10	57.8	66.0	61.5	49.9	61.2	56.5	48.3	54.4	51.3	49.4	60.0	55.5	78.4	88.4	84.2	59.4	71.5	66.1	47.6	48.6	48.2	42.8	48.8	46.2	94.2	94.5	94.3
11	61.0	80.1	68.7	50.7	61.7	56.7	52.1	67.7	57.2	49.3	60.4	55.6	54.5	93.3	76.0	58.6	71.6	66.2	47.9	48.3	48.2	43.1	48.4	46.1	94.5	95.6	94.8
12	47.6	71.9	56.4	51.0	88.2	75.8	55.9	58.7	60.0	50.5	59.1	55.4	51.3	87.0	73.1	59.5	87.0	77.8	48.0	48.4	48.2	45.9	63.3	57.4	94.8	95.6	95.1
13	45.6	80.1	55.1	70.1	99.8	84.5	--	--	--	--	--	--	66.2	80.2	73.3	69.8	100.4	84.2	48.0	48.4	48.2	55.3	76.1	64.1	94.6	94.8	94.6
14	70.1	76.5	73.3	85.4	101.4	94.3	--	--	--	--	--	--	62.7	68.5	65.2	85.5	98.7	94.1	46.2	48.3	47.7	69.8	75.9	74.2	94.4	94.7	94.5
15	69.5	74.1	71.3	85.4	99.9	94.4	--	--	--	--	--	--	62.4	67.0	63.9	85.5	99.3	94.1	44.8	48.2	46.3	69.2	77.0	74.2	94.3	94.5	94.4
16	71.2	81.9	75.7	77.2	99.6	90.7	--	--	--	--	--	--	62.8	71.0	67.0	78.4	100.0	90.5	45.0	48.3	47.5	66.4	76.7	71.3	94.4	94.5	94.4
17	72.3	76.7	74.2	85.6	99.0	94.1	--	--	--	--	--	--	64.8	69.6	67.0	84.8	99.7	93.8	46.2	48.3	47.4	70.9	76.6	73.9	94.4	94.7	94.6
18	52.5	89.7	55.9	68.3	106.3	52.7	71.4	79.1	76.6	38.0	85.9	16.5	65.1	99.0	46.4	66.8	103.2	53.6	48.1	69.1	58.6	50.8	74.9	27.0	94.6	94.7	94.7
19	47.9	93.3	75.0	64.9	88.8	78.2	68.8	83.3	75.4	60.4	86.8	73.4	70.1	88.8	80.1	62.0	93.7	77.8	48.4	98.5	74.6	40.1	46.3	26.7	94.6	94.7	94.6
20	46.7	50.7	48.1	70.0	81.0	76.4	74.7	80.9	77.9	63.2	74.7	69.9	82.7	88.2	84.5	64.7	75.8	71.7	68.7	75.2	70.9	43.2	47.6	45.8	94.6	94.7	94.6
21	45.5	86.9	64.6	63.9	81.1	76.0	69.2	79.2	74.9	58.0	74.1	69.4	75.8	86.1	81.5	59.3	75.6	71.2	63.0	74.6	68.6	42.5	47.1	45.6	94.2	94.7	94.6
22	64.6	82.7	72.7	55.6	80.3	72.1	60.7	76.5	66.1	51.4	74.7	66.1	63.7	82.6	71.7	53.8	74.8	67.7	55.1	68.9	60.5	39.4	47.0	43.3	92.9	94.2	93.6
23	60.8	67.0	63.5	62.3	75.5	70.0	54.8	63.6	57.8	57.0	68.7	64.0	60.2	66.7	62.4	58.5	69.8	65.6	51.8	57.5	53.9	38.3	43.7	42.0	92.4	93.0	92.5
24	50.3	69.3	61.8	59.8	91.7	71.9	52.8	67.9	56.9	59.7	70.6	62.9	52.6	86.2	58.5	57.6	102.5	74.9	42.9	55.9	51.2	38.9	54.4	44.4	92.3	92.6	92.4
25	63.1	70.9	66.5	64.2	82.2	75.5	56.5	62.6	59.1	58.4	76.6	69.1	56.4	61.8	58.1	69.8	88.7	82.0	50.7	56.5	53.0	41.0	49.8	47.2	92.6	93.0	92.9
26	64.2	76.2	70.3	70.4	85.5	78.3	59.8	68.2	63.6	64.0	80.3	71.6	58.5	67.3	62.6	76.7	93.0	84.8	51.8	58.3	54.8	45.1	52.4	48.8	93.0	93.7	93.4
27	66.5	77.4	70.6	69.4	82.3	77.7	60.3	66.2	62.8	62.9	76.3	71.1	59.8	67.1	62.0	76.1	89.0	84.2	52.4	58.1	55.0	44.8	49.9	48.5	93.3	93.7	93.5
28	70.7	82.6	77.2	69.7	82.0	77.7	62.8	75.6	69.7	62.6	75.1	71.1	61.8	72.8	68.5	76.1	88.4	84.4	54.6	62.0	59.1	45.7	49.6	48.5	93.4	94.4	94.0
Monthly Total						2,062.0						1,443.2						2,166.2						1,446.3			
Monthly Min/Max/Avg	45.5	93.3	67.6	47.9	106.3		46.9	95.7	68.7	38.0	86.8		51.3	99.0	68.7	51.7	103.2		42.9	98.5	52.7	38.3	77.0		92.3	95.6	94.0

NOTES: ' -- ' indicates UV reactor offline
 - Transmittance (%) is a grab sample of the combined filter effluent prior to the UV reactor

1.2.16 Log Removal

February 2026

Day	Rossdale									E.L. Smith								
	Log Removal									Log Removal								
	Giardia			Virus			Cryptosporidium			Giardia			Virus			Cryptosporidium		
	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	7.4	7.5	7.4	14	15	14	6.5	6.5	6.5	6.7	6.8	6.7	7.3	8.7	8.0	6.5	6.5	6.5
2	7.5	8.2	7.7	13	15	14	6.5	6.5	6.5	6.7	6.7	6.7	7.9	8.8	8.4	6.5	6.5	6.5
3	7.5	8.4	8.0	13	15	14	6.5	6.5	6.5	6.7	6.7	6.7	7.4	9.2	8.3	6.5	6.5	6.5
4	7.9	8.8	8.3	13	14	13	6.5	6.5	6.5	6.7	6.7	6.7	7.3	8.3	7.8	6.5	6.5	6.5
5	7.9	8.5	8.1	12	15	13	6.5	6.5	6.5	6.6	6.7	6.7	6.7	8.5	7.6	6.5	6.5	6.5
6	7.4	8.3	7.9	12	15	13	6.5	6.5	6.5	6.6	6.7	6.7	6.8	7.8	7.3	6.5	6.5	6.5
7	7.4	8.1	7.7	13	16	14	6.5	6.5	6.5	6.7	6.7	6.7	6.5	8.0	7.2	6.5	6.5	6.5
8	7.4	7.8	7.5	12	13	13	6.5	6.5	6.5	6.7	6.7	6.7	6.5	7.4	6.9	6.5	6.5	6.5
9	7.3	7.7	7.5	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.4	8.7	7.2	6.5	6.5	6.5
10	7.4	7.6	7.5	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.7	8.1	7.3	6.5	6.5	6.5
11	7.5	7.7	7.5	13	15	14	6.5	6.5	6.5	6.6	6.7	6.7	5.6	7.6	6.9	6.5	6.5	6.5
12	7.4	7.7	7.6	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.7	9.0	7.6	6.5	6.5	6.5
13	7.3	7.7	7.5	12	13	12	6.5	6.5	6.5	6.7	6.7	6.7	6.6	8.2	7.4	6.5	6.5	6.5
14	7.3	7.7	7.6	13	15	14	6.5	6.5	6.5	6.7	6.7	6.7	6.8	8.0	7.3	6.5	6.5	6.5
15	7.5	7.8	7.6	13	15	14	6.5	6.5	6.5	6.6	6.7	6.7	6.6	8.0	7.4	6.5	6.5	6.5
16	7.5	8.2	7.8	12	15	14	6.5	6.5	6.5	6.6	6.7	6.7	6.6	7.6	7.1	6.5	6.5	6.5
17	7.6	8.0	7.7	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.7	7.5	7.1	6.5	6.5	6.5
18	7.5	7.6	7.6	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.3	8.3	7.2	6.5	6.5	6.5
19	7.1	7.7	7.5	13	14	13	6.5	6.5	6.5	6.6	6.7	6.7	6.6	8.8	7.3	6.4	6.5	6.5
20	7.4	7.8	7.7	13	15	14	6.5	6.5	6.5	6.7	6.7	6.7	6.6	7.4	7.0	6.5	6.5	6.5
21	7.2	7.7	7.5	13	15	14	6.5	6.5	6.5	6.7	6.7	6.7	6.4	7.9	7.2	6.5	6.5	6.5
22	7.3	7.5	7.4	14	15	14	6.5	6.5	6.5	6.7	6.7	6.7	6.9	8.3	7.7	6.5	6.5	6.5
23	7.4	7.5	7.4	13	15	14	6.5	6.5	6.5	6.7	6.7	6.7	7.6	8.7	8.1	6.5	6.5	6.5
24	7.4	8.2	7.6	12	13	13	6.5	6.5	6.5	6.7	6.7	6.7	7.2	9.4	8.4	6.5	6.5	6.5
25	--	--	--	--	--	--	--	--	--	6.7	6.7	6.7	7.4	8.9	8.2	6.5	6.5	6.5
26	7.5	8.0	7.7	13	15	14	6.5	6.5	6.5	6.7	6.7	6.7	7.5	8.8	8.1	6.5	6.5	6.5
27	7.4	7.7	7.5	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	7.2	8.7	7.8	6.5	6.5	6.5
28	7.3	7.7	7.5	11	13	12	6.5	6.5	6.5	6.7	6.7	6.7	6.8	8.5	7.4	6.5	6.5	6.5
Monthly Min/Max/Avg	7.1	8.8	7.6	11	16	13	6.5	6.5	6.5	6.6	6.8	6.7	5.6	9.4	7.5	6.4	6.5	6.5

NOTES: ' -- ' indicates plant offline

1.2.17 Liquid Alum Chemical Consumption

February 2026

Day	Dosage (mg/L)			Consumption (kg)			
	Rossdale		E.L. Smith	Rossdale			E.L. Smith
	Plant 1	Plant 2		Plant 1	Plant 2	Plant Total	
1	7.92	8.02	6.15	858	1,778	2,636	3,256
2	7.70	8.01	6.15	1,417	847	2,264	3,354
3	7.02	--	5.54	1,636	--	1,636	3,206
4	6.99	--	5.15	1,658	--	1,658	2,870
5	7.00	--	5.14	1,659	--	1,659	3,048
6	7.00	6.86	5.13	1,660	138	1,797	3,161
7	7.04	7.06	5.13	1,589	547	2,136	3,184
8	6.95	6.98	5.15	972	1,443	2,415	2,913
9	7.00	6.99	5.15	916	1,594	2,509	2,782
10	7.01	7.01	5.17	736	1,313	2,049	2,567
11	6.98	6.99	5.39	719	1,297	2,016	2,677
12	7.00	6.99	5.33	823	1,401	2,224	2,645
13	6.99	7.00	5.16	865	1,637	2,502	2,678
14	7.02	7.01	5.14	780	1,357	2,136	2,977
15	6.98	7.01	5.14	720	1,248	1,967	2,977
16	7.06	6.96	5.15	252	1,514	1,765	2,871
17	--	6.98	5.14	--	2,076	2,076	2,975
18	--	7.00	5.26	--	2,362	2,362	1,852
19	6.21	6.04	5.16	82	1,960	2,042	2,902
20	6.07	5.99	5.16	21	1,815	1,836	2,984
21	6.09	6.01	5.15	355	1,597	1,952	2,982
22	6.12	6.13	5.16	757	1,264	2,021	2,839
23	6.91	6.91	5.72	854	1,410	2,264	3,067
24	7.00	7.00	5.68	791	1,317	2,108	3,208
25	--	--	5.48	--	--	--	3,319
26	6.92	6.90	5.14	490	664	1,155	3,218
27	7.02	6.98	5.14	868	1,439	2,307	3,187
28	6.99	6.99	5.14	865	1,441	2,307	3,184
Monthly Total				22,343	33,456	55,799	82,883
Monthly Avg	6.92	6.91	5.30	894	1,394	2,232	2,960

NOTES : ' -- ' indicates system offline

- Liquid alum consumption (kg) at 48.5% by weight (solution delivered to sites at a concentration of 48.5%)

- NSF limit for liquid alum is **194 mg/L**

1.2.18 Primary Polymer (Magnafloc LT 27AG) Chemical Consumption

February 2026

Day	Dosage (mg/L)			Consumption (kg)			
	Rossdale		E.L. Smith	Rossdale			E.L. Smith
	Plant 1	Plant 2		Plant 1	Plant 2	Plant Total	
1	0.10	0.10	--	5	11	16	--
2	0.10	0.10	--	9	5	14	--
3	0.10	--	--	11	--	11	--
4	0.10	--	--	12	--	12	--
5	0.10	--	--	12	--	12	--
6	0.10	0.10	--	12	1	12	--
7	0.10	0.10	--	11	4	15	--
8	0.10	0.10	--	7	10	17	--
9	0.10	0.10	--	6	11	17	--
10	0.10	0.10	--	5	9	14	--
11	0.10	0.10	--	5	9	14	--
12	0.10	0.10	--	6	10	15	--
13	0.10	0.10	--	6	11	17	--
14	0.10	0.10	--	5	9	15	--
15	0.10	0.10	--	5	9	14	--
16	0.10	0.10	--	2	11	12	--
17	--	0.10	0.00	--	14	14	0
18	--	0.10	--	--	16	16	--
19	0.10	0.10	--	1	16	16	--
20	0.10	0.10	--	0	15	15	--
21	0.10	0.10	--	3	13	16	--
22	0.10	0.10	--	6	10	16	--
23	0.10	0.10	--	6	10	16	--
24	0.10	0.10	--	5	9	15	--
25	--	--	--	--	--	--	--
26	0.10	0.10	--	3	5	8	--
27	0.10	0.10	--	6	10	16	--
28	0.10	0.10	--	6	10	16	--
Monthly Total				154	237	392	--
Monthly Avg	0.10	0.10	0.00	6	10	16	--

- NOTES: ' -- ' indicates system offline or primary polymer not being used
 - Primary polymer consumption (kg) at 100% by weight mixed at the sites to required solution
 - NSF limit for Magnafloc LT 27AG is **1.00 mg/L**

1.2.19 Carbon Chemical Consumption

February 2026

Day	Dosage (mg/L)			Consumption (kg)			
	Rossdale		E.L. Smith	Rossdale			E.L. Smith
	Plant 1	Plant 2		Plant 1	Plant 2	Plant Total	
1	--	--	--	--	--	--	--
2	--	--	--	--	--	--	--
3	--	--	--	--	--	--	--
4	--	--	--	--	--	--	--
5	--	--	--	--	--	--	--
6	--	--	--	--	--	--	--
7	--	--	--	--	--	--	--
8	--	--	--	--	--	--	--
9	--	--	--	--	--	--	--
10	--	--	--	--	--	--	--
11	--	--	--	--	--	--	--
12	--	--	0.25	--	--	--	61
13	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--
18	--	--	--	--	--	--	--
19	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--
21	--	--	--	--	--	--	--
22	--	--	--	--	--	--	--
23	--	--	--	--	--	--	--
24	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--
Monthly Total				--	--	--	61
Monthly Avg	--	--	0.25	--	--	--	61

- NOTES: ' -- ' indicates carbon not being used
- Carbon consumption (kg) at 100% by weight (mixed at the sites)
 - NSF limit for Carbon is **250 mg/L**

1.2.20 Sodium Hypochlorite Chemical Consumption

February 2026

Day	Rossdale					E.L. Smith	
	Dosage (mg/L)		Consumption (kg)			Dosage (mg/L)	Consumption (kg)
	Plant 1	Plant 2	Plant 1	Plant 2	Plant Total		
1	2.40	2.60	15,774	34,957	52,630	3.34	112,862
2	2.40	2.53	26,770	16,201	45,140	3.39	118,143
3	2.43	--	34,387	--	36,463	3.29	121,439
4	2.52	--	36,252	--	38,845	3.36	119,497
5	2.71	--	38,991	--	41,911	3.40	128,824
6	2.94	--	42,295	--	45,235	3.20	125,608
7	2.81	0.82	38,477	3,835	45,008	3.15	124,712
8	2.80	2.79	23,745	35,027	62,857	3.30	119,076
9	2.93	2.93	23,252	40,477	67,364	3.30	113,636
10	2.74	2.74	17,454	31,163	50,461	3.25	103,134
11	2.63	2.63	16,457	29,621	47,484	3.15	99,764
12	2.49	2.49	17,774	30,300	50,216	3.08	97,439
13	2.57	2.69	19,248	38,152	60,793	3.20	105,891
14	2.70	2.75	18,186	32,273	52,988	3.25	120,220
15	2.72	2.72	16,975	29,312	49,151	3.09	114,167
16	2.75	2.78	5,941	36,665	45,082	3.00	106,753
17	--	2.69	--	48,551	50,514	2.95	108,869
18	--	2.60	--	53,196	55,186	3.05	68,557
19	0.02	2.54	14	49,999	52,652	3.23	115,731
20	0.11	2.60	24	47,795	50,497	3.23	119,334
21	2.36	2.60	8,343	41,927	52,587	3.34	123,251
22	2.60	2.56	19,500	31,954	53,674	3.41	119,670
23	2.55	2.50	19,124	30,930	52,643	3.65	124,831
24	2.50	2.50	17,139	28,515	48,734	3.42	123,314
25	--	--	--	--	--	3.38	130,376
26	2.31	2.39	9,915	13,978	25,032	3.09	123,481
27	2.46	2.48	18,421	30,985	52,158	3.09	122,315
28	2.42	2.46	18,151	30,702	51,787	3.13	123,588
Monthly Total			502,606	766,514	1,337,099		3,234,481
Monthly Avg	2.40	2.54	20,104	33,327	53,484	3.24	115,517

NOTES: ' -- ' indicates system offline

- Sodium hypochlorite consumption (kg) at 0.8% by weight (sodium hypochlorite generated onsite at a concentration of 0.8%)
- Plant Total Consumption is the combined addition of Plant 1, Plant 2 and Post Filter Trim.
- NSF limit for Sodium Hypochlorite generated onsite is **10 mg/L**

1.2.21 Filter Polymer Chemical Consumption
February 2026

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	0.32	0.62	48	160
2	0.34	0.61	46	162
3	0.34	0.57	36	159
4	0.34	0.50	38	135
5	0.33	0.45	36	130
6	0.29	0.45	32	134
7	0.29	0.45	34	135
8	0.29	0.45	47	124
9	0.29	0.45	49	118
10	0.29	0.44	39	106
11	0.29	0.40	38	96
12	0.29	0.40	42	96
13	0.29	0.40	48	100
14	0.29	0.40	41	112
15	0.29	0.40	38	112
16	0.29	0.40	33	108
17	0.29	0.40	41	112
18	0.29	0.39	46	67
19	0.29	0.40	45	109
20	0.29	0.40	41	112
21	0.29	0.42	43	118
22	0.29	0.48	45	127
23	0.29	0.55	44	144
24	0.29	0.67	41	182
25	0.00	0.64	0	188
26	0.29	0.55	13	167
27	0.29	0.52	44	156
28	0.29	0.50	43	150
Monthly Total			1,091	3,622
Monthly Avg	0.29	0.48	39	129

NOTES: ' -- ' indicates system offline

- Filter polymer consumption (kg) at 100% by weight mixed at the sites to required solution
- NSF limit for Magnafloc LT 7981 is **20 mg/L**
- NSF limit for Magnafloc LT 7995 is **25 mg/L**

1.2.22-1 LAS Ammonia Chemical Consumption
February 2026

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	0.58	0.57	899	1,399
2	0.58	0.57	803	1,438
3	0.59	0.57	647	1,528
4	0.59	0.58	673	1,492
5	0.60	0.58	672	1,597
6	0.60	0.59	670	1,675
7	0.60	0.59	716	1,701
8	0.60	0.59	1,001	1,548
9	0.60	0.59	1,045	1,486
10	0.61	0.59	839	1,356
11	0.62	0.59	830	1,347
12	0.62	0.58	920	1,333
13	0.62	0.58	1,055	1,384
14	0.62	0.58	888	1,562
15	0.62	0.58	822	1,563
16	0.62	0.58	728	1,502
17	0.62	0.58	892	1,557
18	0.62	0.57	1,008	865
19	0.62	0.58	974	1,522
20	0.62	0.58	911	1,567
21	0.63	0.58	959	1,559
22	0.63	0.58	992	1,480
23	0.63	0.60	965	1,471
24	0.62	0.60	896	1,559
25	0.00	0.60	0	1,682
26	0.60	0.60	278	1,740
27	0.62	0.60	950	1,730
28	0.61	0.60	926	1,732
Monthly Total			22,957	42,375
Monthly Avg	0.59	0.59	820	1,513

NOTES: ' -- ' indicates system offline

- LAS ammonia consumption (kg) at 100% by weight (solution delivered to sites at a concentration of **41.0%**)

- NSF limit for LAS Ammonia is **16.4 mg/L**

1.2.23 Caustic Soda Chemical Consumption
February 2026

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	--	--	--	--
2	--	--	--	--
3	--	--	--	--
4	--	--	--	--
5	--	--	--	--
6	--	--	--	--
7	--	--	--	--
8	--	--	--	--
9	--	--	--	--
10	--	--	--	--
11	--	--	--	--
12	--	--	--	--
13	--	--	--	--
14	--	--	--	--
15	--	--	--	--
16	--	--	--	--
17	--	--	--	--
18	--	--	--	--
19	--	--	--	--
20	--	--	--	--
21	--	--	--	--
22	--	--	--	--
23	--	--	--	--
24	--	--	--	--
25	--	--	--	--
26	--	--	--	--
27	--	--	--	--
28	--	--	--	--
Monthly Total			--	--
Monthly Avg	--	--	--	--

NOTES: ' -- ' indicates system offline

- Caustic soda consumption (kg) at 100% by weight (solution delivered to sites at a concentration of 50.0%)
- NSF limit for Caustic Soda is **50 mg/L**

**1.2.24 Fluoride Chemical Consumption
February 2026**

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	0.62	0.63	432	693
2	0.62	0.63	384	713
3	0.62	0.63	305	757
4	0.62	0.63	316	734
5	0.62	0.63	312	778
6	0.62	0.63	311	809
7	0.62	0.63	332	815
8	0.62	0.63	465	743
9	0.64	0.63	498	711
10	0.64	0.63	396	649
11	0.64	0.63	388	650
12	0.64	0.64	427	655
13	0.64	0.64	489	684
14	0.64	0.64	412	772
15	0.64	0.64	381	772
16	0.64	0.64	337	742
17	0.64	0.64	414	769
18	0.64	0.62	467	427
19	0.64	0.64	452	751
20	0.64	0.63	419	763
21	0.64	0.63	438	759
22	0.64	0.63	453	721
23	0.64	0.63	444	700
24	0.64	0.63	416	735
25	--	0.63	--	792
26	0.61	0.63	127	820
27	0.64	0.63	444	814
28	0.64	0.63	437	816
Monthly Total			10,693	20,544
Monthly Avg	0.63	0.63	396	734

NOTES: ' -- ' indicates system offline

- Fluoride consumption (kg) at 100% by weight (solution delivered to sites at a concentration of 21.8%)

- NSF limit for Fluoride is **1.308 mg/L**

1.2.25 Sodium Bisulfite (SBS) Chemical Consumption

February 2026

Day	Dosage (mg/L)		Consumption (kg)		De-chlorinated Waste Stream to Outfall (ML)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	23.7	16.0	1,099	1,303	18	31
2	25.0	16.3	1,118	1,370	17	31
3	19.8	20.1	783	1,711	15	33
4	25.7	16.8	651	1,239	9.7	28
5	20.3	15.4	523	1,263	9.9	31
6	11.9	12.8	598	1,282	19	36
7	6.27	11.9	571	1,191	35	33
8	22.0	15.2	652	1,280	11	32
9	20.1	17.3	633	1,384	12	32
10	20.9	13.9	663	1,164	12	27
11	20.3	17.2	775	1,299	15	29
12	14.5	15.3	522	1,163	14	29
13	20.4	14.1	652	1,114	12	30
14	20.6	15.1	912	1,224	17	31
15	18.4	13.8	521	1,096	11	30
16	24.7	14.5	1,308	1,147	20	30
17	15.2	14.6	260	1,189	6.6	33
18	29.1	17.8	912	2,139	12	46
19	12.2	13.8	520	940	16	26
20	23.7	13.9	651	1,092	11	30
21	16.7	13.7	652	1,198	15	33
22	16.9	14.4	521	1,060	12	28
23	15.4	14.9	503	1,203	13	31
24	28.6	11.1	1,273	1,113	17	34
25	318	11.4	1,358	1,141	1.7	35
26	13.5	13.9	2,031	1,284	57	34
27	16.2	10.5	430	1,051	10	32
28	17.5	13.9	811	1,151	18	31
Monthly Total			21,905	34,793	437	886
Monthly Avg	29.9	14.6	782	1,243	16	32

NOTES: ' -- ' indicates plant offline

- Sodium bisulfite consumption (kg) at 38% by weight (solution delivered to sites at a concentration of 38.0%)

1.2.26 Rossdale Waste Stream Data

February 2026

		Clarifier Blowdown	Clarifier Washdown *	Backwash Water	Filter To Waste	Bypass	Total	De-Chlorin'd Waste Stream 3			De-Chlorin'd Waste Stream 7		
Volume (ML)		223	0.0	131	42	22	417	54.32			382.49		
Solids (kg)	TSS	35,987	0	18,057			54,044						
	Aluminium	2,435	0	6,251			8,686						
# of Bypasses						4		Min	Max	Avg	Min	Max	Avg
pH								7.1	8.0	7.7	7.4	8.1	8.0
Total Chlorine (mg/L)								0.00	0.00	0.00	0.00	0.00	0.00
Sulfite (mg/L)								0.99	20.0	8.48	0.99	20.0	7.15

NOTES: * Estimate value for the waste stream volume and calculated value for the waste stream solids
 - Clarifier washdown volume(s) estimated for clarifier cleaning
 - LLP flush, HLP cooling are not applicable to the Rossdale WTP

1.2.27 E.L. Smith Waste Stream Data

February 2026

		Clarifier Blowdown	Clarifier Washdown *	Backwash Water	Filter To Waste	Bypass	LLP Flush	HLP Cooling	Total	De-chlorinated Waste flow to		
Volume (ML)		175	0.0	343	156	22	0.5	24	719	886		
Solids (kg)	TSS	52,951	0	38,383					91,334			
	Aluminium	3,614	0	13,286					16,900			
# of Bypasses						1				Min	Max	Avg
pH										6.75	8.26	7.52
Total Chlorine (mg/L)										0.00	0.00	0.00
Sulphite (mg/L)										0.12	20.0	4.48

- NOTES: * Estimate value for the waste stream volume and calculated value for the waste stream solids
- Clarifier washdown volume(s) estimated for clarifer cleaning
 - Estimated chlorinated waste stream to outfall for dechlorination

1.2.28 Demand/Production Statistics
February 2026

Month	ROSSDALE ZONE			E.L.SMITH ZONE			SYSTEM TOTAL			RESERVOIR PUMPAGE		
	Monthly Prod'n (ML)	Max Daily Prod'n (ML)	Peak Daily Demand (ML)	Monthly Prod'n (ML)	Max Daily Prod'n (ML)	Peak Daily Demand (ML)	Monthly Prod'n (ML)	Max Daily Prod'n (ML)	Peak Daily Demand (ML)	Rossdale Zone (ML)	E.L.Smith Zone (ML)	Total (ML)
JANUARY	4,071	169	213	7,613	276	290	11,684	428	384	1,094	2,830	3,923
FEBRUARY	3,477	162	180	6,861	276	307	10,338	424	384	868	2,558	3,425

2026 - HIGH 5-DAY DEMAND

	PLANTS PROD (ML/d)	RES. GAIN / LOSS (%)	RES. GAIN / LOSS (ML)	TOTAL DEMAND (ML)
15-Jan-2026	391	2.2	13.6	378
16-Jan-2026	402	3.6	22.8	379
17-Jan-2026	396	2.0	12.7	383
18-Jan-2026	399	2.6	16.3	382
19-Jan-2026	399	2.7	17.1	382

AVERAGE: 381

Year to Date Data	2026	2025	% CHANGE
TOTAL PRODUCTION TO DATE (ML)	22,022	21,739	1.3
AVG. DAILY DEMAND TO DATE (ML)	373	368	1.5
PEAK DAILY DEMAND TO DATE (ML)	384	390	(1.4)
PEAK HOURLY DEMAND TO DATE (ML)	516	519	(0.6)
HIGH 5-DAY AVERAGE TO DATE (ML)	381	379	0.4

Peak daily demand of 384 ML/d occurred on January 25, 2026

Peak hourly demand of 516 ML/d occurred on January 4, 2026 @ 19:00

1.2.29 Reservoir Chlorine Residual (mg/L) - Part 1

February 2026

Reservoir	Papaschase 1			Ormsby			Clareview Discharge			Millwoods Discharge			Kaskitayo			Discovery Park		
Day	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	1.44	1.64	1.46	1.74	1.93	1.85	1.34	1.51	1.36	1.54	1.66	1.60	1.54	1.67	1.63	1.25	1.32	1.28
2	1.41	1.71	1.43	1.64	1.85	1.82	1.31	1.49	1.35	1.56	1.62	1.59	1.53	1.68	1.62	1.21	1.29	1.26
3	1.38	1.68	1.42	1.73	1.84	1.80	1.21	1.51	1.32	1.57	1.65	1.60	1.60	1.67	1.62	1.19	1.30	1.25
4	1.39	1.75	1.41	1.76	1.88	1.80	--	--	--	1.54	1.68	1.59	1.58	1.72	1.61	1.26	1.32	1.29
5	1.39	1.42	1.40	1.72	1.82	1.79	--	--	--	1.55	1.63	1.58	1.54	1.64	1.61	1.23	1.31	1.27
6	1.47	1.75	1.52	1.65	1.83	1.78	--	--	--	1.56	1.63	1.59	1.54	1.72	1.60	1.21	1.32	1.27
7	1.50	1.76	1.54	1.74	1.82	1.76	--	--	--	1.58	1.70	1.61	1.53	1.62	1.59	1.27	1.36	1.31
8	1.55	1.81	1.68	1.72	1.80	1.75	1.09	1.47	1.19	1.59	1.67	1.62	1.53	1.63	1.58	1.26	1.34	1.30
9	1.51	1.76	1.56	1.63	1.79	1.75	1.14	1.64	1.26	1.59	1.70	1.62	1.45	1.61	1.58	1.23	1.31	1.27
10	1.50	1.70	1.52	1.71	1.84	1.75	1.17	1.63	1.23	1.59	1.68	1.62	1.55	1.62	1.58	1.20	1.31	1.26
11	1.51	1.77	1.53	1.65	1.80	1.76	1.10	1.29	1.21	1.63	1.71	1.65	1.50	1.62	1.59	1.25	1.32	1.28
12	1.51	1.76	1.54	1.64	1.84	1.76	--	--	--	1.64	1.71	1.66	1.57	1.77	1.61	1.24	1.30	1.27
13	1.59	1.76	1.61	1.66	1.85	1.79	--	--	--	1.64	1.70	1.67	1.57	1.74	1.64	1.20	1.30	1.25
14	1.58	1.80	1.62	1.65	1.86	1.81	1.16	1.70	1.22	1.63	1.71	1.66	1.56	1.75	1.63	1.22	1.29	1.25
15	1.56	1.78	1.59	1.68	1.86	1.81	1.13	1.60	1.20	1.63	1.71	1.67	1.63	1.66	1.65	1.21	1.27	1.24
16	1.60	1.84	1.62	1.72	1.86	1.81	1.19	1.33	1.28	1.66	1.73	1.68	1.56	1.71	1.66	1.19	1.25	1.22
17	1.59	1.83	1.61	1.80	1.84	1.82	1.30	1.69	1.34	1.66	1.73	1.69	1.58	1.77	1.66	1.15	1.26	1.21
18	1.55	1.79	1.58	1.69	1.83	1.80	1.25	1.69	1.31	1.63	1.71	1.67	1.63	1.67	1.65	1.21	1.26	1.24
19	1.59	1.85	1.63	1.66	1.85	1.80	1.25	1.33	1.30	1.65	1.69	1.67	1.62	1.67	1.64	1.20	1.27	1.24
20	1.60	1.83	1.62	1.71	1.90	1.82	1.23	1.62	1.35	1.66	1.71	1.68	1.62	1.66	1.65	1.19	1.26	1.23
21	1.62	1.85	1.65	1.77	1.86	1.83	1.47	1.88	1.50	1.67	1.74	1.69	1.64	1.72	1.66	1.18	1.25	1.21
22	1.64	1.98	1.71	1.67	1.86	1.82	1.19	2.03	1.51	1.66	1.72	1.69	1.63	1.68	1.66	1.15	1.23	1.19
23	1.77	2.04	1.88	1.75	1.86	1.83	1.50	2.04	1.57	1.65	1.74	1.70	1.59	1.68	1.67	1.11	1.20	1.16
24	--	--	--	1.71	1.90	1.84	1.36	1.99	1.51	1.68	1.81	1.74	1.67	1.81	1.69	1.10	1.19	1.14
25	1.66	1.83	1.71	1.73	1.91	1.86	1.17	1.54	1.45	1.72	1.80	1.75	1.63	1.72	1.70	1.11	1.19	1.15
26	1.61	1.72	1.66	1.80	1.92	1.83	1.17	1.68	1.42	1.70	1.79	1.75	1.62	1.72	1.70	1.10	1.18	1.14
27	1.69	1.88	1.70	1.80	1.86	1.83	1.29	1.56	1.41	1.70	1.76	1.72	1.70	1.73	1.72	1.09	1.20	1.15
28	1.69	1.83	1.75	1.73	1.90	1.84	1.39	1.68	1.42	1.68	1.73	1.70	1.57	1.73	1.71	1.13	1.21	1.17
Monthly Min/Max/Avg	1.38	2.04	1.59	1.63	1.93	1.80	1.09	2.04	1.35	1.54	1.81	1.66	1.45	1.81	1.64	1.09	1.36	1.23

NOTES: '--' Indication Analyzer Offline

1.2.30 Reservoir Chlorine Residual (mg/L) - Part 2

February 2026

Reservoir	Rosslyn 1			Londonderry			N. Jasper Place			Rosslyn 2			Thornccliffe			Blackmud Creek		
Day	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1				1.32	1.70	1.47	1.43	1.86	1.57	1.42	1.45	1.44	1.59	1.88	1.67	1.87	1.92	1.89
2	1.42	1.51	1.50	1.23	1.59	1.45	1.49	1.83	1.57	1.39	1.47	1.43	1.59	1.85	1.63	1.83	1.89	1.86
3	1.43	1.52	1.48	1.28	1.58	1.44	1.43	1.84	1.57	1.33	1.48	1.40	1.59	1.87	1.62	1.81	1.87	1.83
4				1.22	1.63	1.45				1.32	1.42	1.38	1.61	1.82	1.62	1.80	1.84	1.82
5	1.40	1.50	1.44	1.30	1.58	1.43	1.49	1.75	1.55	1.33	1.78	1.38	1.58	1.83	1.60	1.79	1.85	1.82
6	1.39	1.43	1.41	1.26	1.54	1.43	1.47	1.82	1.53	1.36	1.71	1.39	1.58	1.60	1.59	1.80	1.84	1.83
7	1.36	1.43	1.42	1.26	1.68	1.44	1.45	1.83	1.55	1.35	1.77	1.38	1.51	1.83	1.57	1.81	1.86	1.83
8	--	--	--	1.31	1.63	1.46	1.53	1.84	1.58	1.37	1.78	1.40	1.59	1.81	1.62	1.80	1.84	1.81
9	--	--	--	1.21	1.59	1.42	1.49	1.78	1.58	1.36	1.79	1.43	1.60	1.86	1.61	1.77	1.83	1.80
10	--	--	--	1.32	1.72	1.45	1.44	1.84	1.55	1.39	1.72	1.42	1.46	1.86	1.59	1.76	1.83	1.79
11	--	--	--	1.31	1.63	1.48	1.48	1.79	1.55	1.41	1.79	1.43	1.54	1.87	1.57	1.75	1.80	1.77
12	1.44	1.46	1.45	1.27	1.64	1.46	1.42	1.56	1.51	1.33	1.44	1.40	1.53	1.88	1.54	1.75	1.78	1.76
13	--	--	--	1.29	1.69	1.50	1.50	1.75	1.53	1.33	1.55	1.38	1.44	1.86	1.54	1.75	1.79	1.77
14	1.42	1.49	1.48	1.30	1.69	1.49	1.51	1.79	1.56	1.37	1.80	1.39	1.56	1.85	1.58	1.73	1.78	1.76
15	--	--	--	1.34	1.67	1.49	1.53	1.86	1.58	1.30	1.40	1.39	1.59	1.86	1.62	1.73	1.78	1.75
16	1.51	1.53	1.52	1.32	1.62	1.49	1.54	1.87	1.56	1.29	1.82	1.41	1.58	1.88	1.60	1.73	1.77	1.75
17	1.48	1.52	1.50	1.39	1.73	1.52	1.55	1.90	1.61	1.33	1.41	1.39	1.60	1.85	1.62	1.73	1.78	1.76
18	1.38	1.56	1.49	1.39	1.78	1.54	1.55	1.83	1.61	1.36	1.81	1.39	1.48	1.84	1.59	1.71	1.75	1.74
19	1.46	1.52	1.50	1.37	1.71	1.56	1.54	1.82	1.60	1.33	1.39	1.38	1.51	1.86	1.57	1.72	1.75	1.73
20	--	--	--	1.44	1.86	1.67	1.57	1.88	1.61	1.38	1.82	1.55	1.59	1.88	1.61	1.70	1.76	1.74
21	--	--	--	1.51	1.87	1.78	1.55	1.93	1.63	1.61	2.06	1.63	1.64	1.86	1.67	1.72	1.76	1.74
22	--	--	--	1.37	1.91	1.79	1.59	1.93	1.63	1.63	2.16	1.66	1.65	1.86	1.66	1.71	1.78	1.75
23	--	--	--	1.50	1.92	1.78	1.62	1.65	1.63	1.62	2.13	1.65	1.63	1.92	1.67	1.73	1.77	1.75
24	1.74	1.80	1.78	1.57	1.93	1.83	1.56	1.93	1.66	1.51	1.65	1.63	1.67	1.97	1.68	1.74	1.80	1.77
25	1.70	1.86	1.77	1.33	1.92	1.78	1.62	2.01	1.65	1.54	1.65	1.61	1.63	1.96	1.66	1.77	1.82	1.80
26	1.63	1.82	1.77	1.47	1.86	1.73	1.55	2.01	1.60	1.43	1.77	1.61	1.60	1.90	1.65	1.77	1.82	1.80
27	--	--	--	1.72	1.90	1.82	1.58	1.86	1.60	1.31	2.00	1.63	1.55	1.87	1.66	1.74	1.80	1.77
28	1.67	1.82	1.76	1.68	1.89	1.80	1.49	1.89	1.61	1.30	1.80	1.62	1.68	1.86	1.71	1.71	1.77	1.74
Monthly Min/Max/Avg	1.36	1.86	1.55	1.21	1.93	1.57	1.42	2.01	1.58	1.29	2.16	1.47	1.44	1.97	1.62	1.70	1.92	1.78

NOTES: '--' Indication Analyzer Offline

**1.2.31 Orthophosphate Chemical
~ February 2026**

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	0.90	0.85	581	805
2	0.90	0.85	428	868
3	0.90	0.85	414	894
4	0.90	0.85	396	877
5	0.90	0.85	394	944
6	0.90	0.85	409	983
7	0.90	0.85	425	920
8	0.90	0.85	589	932
9	0.90	0.85	579	826
10	0.90	0.85	497	770
11	0.90	0.85	472	814
12	0.90	0.85	523	784
13	0.90	0.85	596	855
14	0.90	0.85	559	883
15	0.90	0.85	483	903
16	0.90	0.85	370	883
17	0.90	0.85	518	903
18	0.90	0.85	617	514
19	0.90	0.85	502	865
20	0.90	0.85	544	855
21	0.90	0.85	525	939
22	0.90	0.85	564	885
23	0.90	0.85	558	877
24	0.90	0.85	489	871
25	0.91	0.85	38	987
26	0.47	0.84	39	999
27	0.90	0.85	556	915
28	0.90	0.85	512	972
Monthly Total			13,178	24,524
Monthly Avg	0.89	0.85	471	876

NOTES: ' -- ' indicates plant offline

- Fluoride consumption (kg) at 100% by weight (solution delivered to sites at a concentration of 21.8%)

2.1.1 SUMMARY OF PARAMETERS FOR EDMONTON DRINKING WATER

Water Treatment Plants

February 2026



Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Alkalinity total (mg CaCO ₃ /L)	56	127.6	119.0 - 139.0	118	127.6	119.0 - 139.0		
Aluminum (mg/L)	2	0.074	0.067 - 0.081	4	0.074	0.067 - 0.081	2.900 (0.100)	
Arsenic (mg/L)	2	0.0002	<0.0002	4	0.0002	<0.0002 - 0.0002	0.0100	
Bromate Dissolved (mg/L)	8	<0.005	<0.005	16	<0.005	<0.005	0.010	
Bromodichloromethane (µg/L)	56	1.0	0.6 - 1.7	118	0.9	<0.50 - 1.7		
Cadmium (mg/L)	2	<0.00002	<0.00002	4	<0.00002	<0.00002	0.00700	
Calcium Hardness (mg/L CaCO ₃)	56	124.3	114.0 - 136.0	118	124.1	114.0 - 136.0		
Chlorate Dissolved (mg/L)	8	0.19	0.10 - 0.29	16	0.19	0.09 - 0.29	1.00	
Chloride Dissolved (mg/L)	8	6.7	5.5 - 9.6	16	6.2	4.8 - 9.6	(250.0)	
Chlorine total (mg/L)	56	2.01	1.82 - 2.21	118	2.02	1.82 - 2.21		
Chlorite Dissolved (mg/L)	8	<0.005	<0.005	16	<0.005	<0.005	1.000	
Chloroform (µg/L)	56	13.1	8.3 - 19.5	118	13.2	8.3 - 19.5	(40.0)	
Chromium (mg/L)	2	<0.0002	<0.0002	4	<0.0002	<0.0002	0.0500	
Colour (TCU)	56	1.0	<0.5 - 1.7	118	0.9	<0.5 - 1.7	(15.0)	10.0
Conductivity (µS/cm)	8	397.0	381.0 - 423.0	16	395.1	357.0 - 423.0		
Copper (mg/L)	2	<0.002	<0.002	4	<0.002	<0.002	2.000 (1.000)	
Cryptosporidium (oocysts/100L)	2	<0.1	<0.1	4	<0.1	<0.1		
Fluoride (mg/L)	56	0.71	0.64 - 0.78	118	0.71	0.64 - 0.78	1.50	0.60 - 0.80
Giardia (cysts/100L)	2	<0.1	<0.1	4	<0.1	<0.1		
Haloacetic acids total (HAA5) (µg/L)	2	17.40	16.60 - 18.20	4	17.58	16.60 - 18.60	80.00	40.00
Iron (mg/L)	2	<0.005	<0.005	4	<0.005	<0.005	(0.100)	
Manganese (mg/L)	2	<0.002	<0.002	4	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	2	<0.0050	<0.0050	4	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	8	0.09	0.08 - 0.10	16	0.09	0.08 - 0.10	10.00	
Nitrite (as N) dissolved (mg/L)	8	0.02	0.02	16	0.02	0.02	1.00	
Nitrosodimethylamine, N- [NDMA] (µg/L)	2	<0.0009	<0.0009	4	<0.0009	<0.0009	0.04000	0.01000
pH	56	8	8	118	8	8		7 - 8
Potassium (mg/L)	2	0.8	0.7 - 0.8	4	0.8	0.7 - 0.8		
Sodium (mg/L)	2	8.9	8.0 - 9.8	4	7.9	6.6 - 9.8	(200.0)	
Sulphate Dissolved (mg/L)	8	67.9	65.0 - 73.1	16	66.2	62.0 - 73.1	(500.0)	
Total Dissolved Solids (mg/L)	2	224.00	217.00 - 231.00	4	220.25	214.00 - 231.00	(500.00)	
Total Hardness (mg/L CaCO ₃)	56	187.5	176.0 - 204.0	118	187.2	171.0 - 204.0		
Total Organic Carbon (mg/L)	8	1.4	1.3 - 1.7	16	1.4	1.2 - 1.7		
Trihalomethanes (µg/L)	56	14.1	9.0 - 20.7	118	14.2	9.0 - 20.7	100.0	50.0
Turbidity (NTU)	56	0.05	<0.04 - 0.24	118	0.05	<0.04 - 0.24	(3.00)	1.00
Uranium (mg/L)	2	0.0005	0.0005	4	0.0005	0.0005	0.0200	
Zinc (mg/L)	2	<0.005	<0.005	4	<0.005	<0.005	(5.000)	

2.1.2 EXPLANATION OF NOTATIONS USED

Water Treatment Plants

February 2026



Concentrations are reported as mg/L unless otherwise indicated.
Alkalinity and Hardness (Ca and Total) are reported as mg CaCO₃/L

%T	= % Transmittance
- ve	= Absent
+ ve	= Present
ng/L	= Nanograms per litre (1 ng/L)
µg/L	= Micrograms per litre (1 µg/L)
µS/cm	= Microsiemens per centimeter (unit of conductivity)
2/Y	= Twice per Year
AO	= Aesthetic Objective
Bq/L	= Becquerel(s) per litre (unit of radionuclide concentration)
CCPP	= Calcium Carbonate Precipitation Potential
CFU	= Colony Forming Units
Comm	= Commercial Laboratories
D	= Daily
EWSI	= EPCOR Water Services Inc.
FPA	= Flavour Profile Analysis
GCDWQ	= Guidelines for Canadian Drinking Water Quality
GM	= Geometric Mean
inoff	= Inoffensive (no objectionable odour)
M	= Monthly
MAC	= Maximum Acceptable Concentration
MDL	= Method Detection Limit
N/A	= Not Available
ND	= Not Detected
NTU	= Nephelometric Turbidity Units
PA	= Presence/Absence Testing
PBR	= Performance Based Rates
PHP	= phenolphthalein
PLPH	= Provincial Laboratory of Public Health
ppb	= Parts Per Billion
ppm	= Parts Per Million
Q	= Quarterly
QA	= Quality Assurance
QC	= Quality Control
RDL	= Reportable Detection Limit
TCU	= True Colour Units
TDS	= Total Dissolved Solids
TOC	= Total Organic Carbon
UV Abs/cm	= UV Absorbance per centimeter
WL	= Water Laboratory
WTP	= Water Treatment Plant

2.1.3 QUALITY ASSURANCE – February 2026

Drinking water quality must meet the requirements in the Alberta Environment and Protected Areas *Approval-to-Operate* (638-04-02) and the limits set out in the latest version of the Health Canada *Guidelines for Canadian Drinking Water Quality (GCDWQ)*. The latest internet edition of the GCDWQ was issued in December 2025. Health Canada updates their on-line document regularly, but they recommend always consulting individual guideline technical documents and guidance documents on Health Canada's website, "Water Quality—Reports and Publications" for the most current information. Guideline limits are listed as Maximum Acceptable Concentrations (MAC), Aesthetic Objectives (AO) or Operational Guidelines (OG). The latest edition of Health Canada's Guidelines includes parameter types, common sources, health considerations and application of the guideline.

In addition, for treated water in the distribution system, total chlorine residual values under 0.5 mg/L are not necessarily violations of the approval but do require immediate follow-up action and re-sampling. A violation of the current *Approval-to-Operate* (638-04-02) requirements occurs if the chlorine residual in more than 25% of follow-up samples are < 0.5 mg/L. Alberta Environment and Protected Areas is to be notified of any single positive total coliform sample and follow-up sampling is done according to the *Communication and Action Protocol for Failed Bacteriological Results in Drinking Water*. Any sample that is positive for *E. coli* is also considered a violation and requires follow-up action and re-sampling. A repeat total coliform positive from the same location is also considered a violation.

Critical water quality parameters (e.g. turbidity, residual chlorine, fluoride, pH, & particle counts) in the treated water are monitored continuously using on-line instruments at the water treatment plants. In addition, water quality samples are collected daily at the two Water Treatment Plants, and 210 to 300 samples per month are collected throughout the distribution system (routine and random sampling sites, reservoirs, following system depressurizations and in response to customer complaints).

The EPCOR Water Laboratory is nationally accredited by CALA (Canadian Association for Laboratory Accreditation) to ISO/IEC 17025 for specific water quality analyses, and it also provides quality assurance support for Water Plant Operations labs and on-line analytical monitoring.

"*Violations*" occur when the concentration of a measured parameter exceeds the AEPA *Approval-to-Operate* limits, including the MACs for the GCDWQ parameters listed Schedule 4.

"*Variations*" occur when the concentration of a measured parameter exceeds EPCOR's own internal water quality objectives.

2.1.3.1 **Total Water Quality Violations of AEP Approval-to-Operate:**

Current month: **0** YTD Total: **0**

2.1.3.2 **Water Quality Violations for Water Plants (Treated Water)**

Current month: **0** YTD Total: **0**

2.1.3.3 **Water Quality Violations (Environmental): Plants Waste Streams**

Current month: **0** YTD Total: **0**

2.1.3.4 **Violations for Water Quality in the Field Reservoirs and Distribution System**

Sample Type	This Month	YTD
Depressurization Samples	0	0
Complaint Samples	0	0
Random Samples	0	0
Reservoirs	0	0
TOTAL (Distribution) ¹	0	0

2.1.3.5 **Variances from EPCOR Water Services Water Quality Objectives at the Water Treatment Plants**

Variance Category ¹	This Month	YTD
Aluminum ² > 0.20 or 0.10 mg/L	0	0
Turbidity > 1 NTU	0	0
Chlorine < 1 mg/L or > 2.4 mg/L	0	0
<i>Cryptosporidium</i> ≥ 1/1000 L	0	0
<i>Giardia</i> ≥ 1/1000 L	0	0
Other	0	0
Total Variances + Violations	0	0

2.1.3.6

Variations from EPCOR Water Services Water Quality Objectives in the Field Reservoirs and Distribution System

Variance Category ¹	This Month	YTD
Turbidity > 1 NTU	2	2
Chlorine < 1 mg/L or > 2.4 mg/L	1	1
Single Positive Coliform	0	0
THMs > 50 µg/L	0	0
Pipe Lube, Odour, UV positive	0	0
Aluminum ² > 0.20 (or 0.1) mg/L	0	0
Iron > 0.10 mg/L	1	1
Other	0	0
Total Variations + Violations	4	4

2.2.1 BACTERIOLOGICAL DATA

Water Treatment Plants

February 2026



Location	#	Mean	Range	YTD #	YTD Mean	YTD Range
EL Smith Raw						
Coliforms total (MPN/100 mL)	4	35.8	22.8 - 47.9	8	62.5	22.8 - 148.3
E. coli (MPN/100 mL)	4	Not Detected	2.0	8	Not Detected	1.0 - 2.0
Rossdale Raw						
Cellular ATP (pg/mL)	1	14.6	14.6	2	15.8	14.6 - 17.1
Coliforms total (MPN/100 mL)	27	214.8	33.1 - 488.4	58	182.1	33.1 - 1119.9
E. coli (MPN/100 mL)	27	28.9	3.1 - 77.1	58	21.1	1.0 - 159.7
EL Smith Treated						
Cellular ATP (pg/mL)	28	0.1	<0.10 - 0.4	59	0.2	<0.10 - 0.4
Coliforms total (PA/100mL)	27	-VE	-VE	58	-VE	-VE
E. coli (PA/100mL)	27	-VE	-VE	58	-VE	-VE
Rossdale Treated						
Cellular ATP (pg/mL)	27	0.1	<0.10 - 0.2	58	0.1	<0.10 - 0.4
Coliforms total (PA/100mL)	26	-VE	-VE	57	-VE	-VE
E. coli (PA/100mL)	26	-VE	-VE	57	-VE	-VE
EL Smith Reservoir						
Cellular ATP (pg/mL)	28	0.1	<0.10 - 0.4	59	0.1	<0.10 - 0.4
Coliforms total (PA/100mL)	27	-VE	-VE	58	-VE	-VE
E. coli (PA/100mL)	27	-VE	-VE	58	-VE	-VE
Rossdale Reservoir						
Cellular ATP (pg/mL)	28	0.1	<0.10 - 0.3	59	0.1	<0.10 - 0.3
Coliforms total (PA/100mL)	28	-VE	-VE	59	-VE	-VE
E. coli (PA/100mL)	28	-VE	-VE	59	-VE	-VE

2.2.2 BACTERIOLOGICAL DATA

Distribution System

February 2026



Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range
Cellular ATP (pg/mL)	114	0.2	<0.10 - 0.7	226	0.2	<0.10 - 1.7
Chlorine total (mg/L)	213	1.84	0.35 - 2.13	427	1.85	0.35 - 2.13
Coliforms total (MPN/100 mL)	2	Not Detected	Not Detected	2	Not Detected	Not Detected
Coliforms total (PA/100mL)	211	-VE	-VE	425	-VE	-VE
E. coli (MPN/100 mL)	2	Not Detected	Not Detected	2	Not Detected	Not Detected
E. coli (PA/100mL)	211	-VE	-VE	425	-VE	-VE
Turbidity (NTU)	213	0.13	<0.04 - 1.48	427	0.12	<0.04 - 1.48

213

Count of Bacteriological Tests

101%

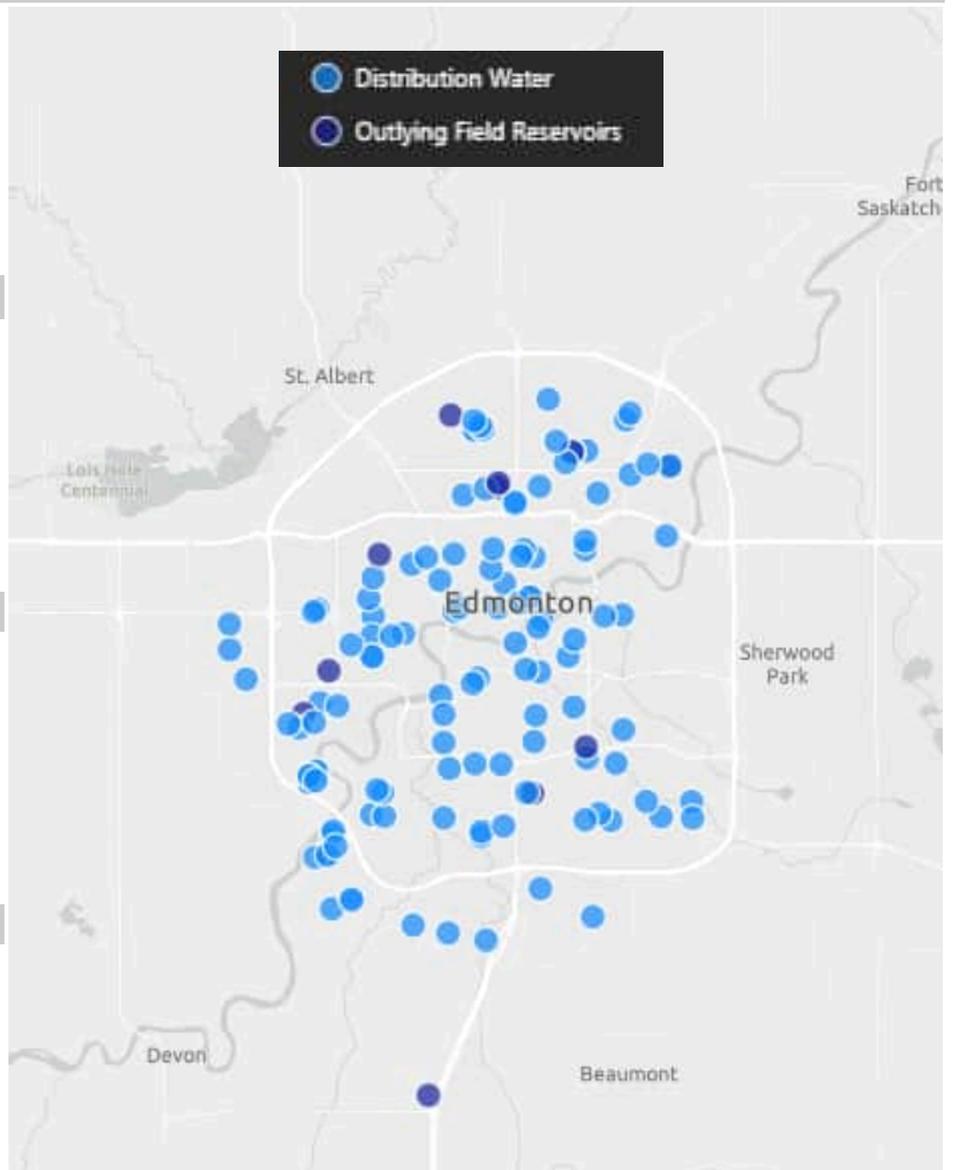
Percent of Target Sampling (210)

52%

Analyzed by AHS

48%

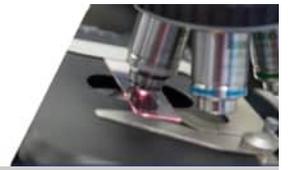
Analyzed by Epcor



2.2.3 SUMMARY OF GIARDIA AND CRYPTOSPORIDIUM

Water Treatment Plants

February 2026



Location Date	EL Smith Reservoir Cryptosporidium	Giardia	Rossdale Reservoir Cryptosporidium	Giardia
Jan 12	<0.1	<0.1	<0.1	<0.1
Feb 09	<0.1	<0.1		
Feb 11			<0.1	<0.1

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rosssdale Water Treatment Plant

February 2026



Parameter (units)	#	Mean	Range	YTD #	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Microbiologicals								
Coliforms total (PA/100mL)	28	-VE	-VE	59	-VE	-VE	0.0	
Cryptosporidium (oocysts/100L)	1	<0.1	<0.1	2	<0.1	<0.1		
E. coli (PA/100mL)	28	-VE	-VE	59	-VE	-VE	0.0	
Giardia (cysts/100L)	1	<0.1	<0.1	2	<0.1	<0.1		
Physical								
Colour (TCU)	28	0.9	0.6 - 1.6	59	0.9	0.5 - 1.7	(15.0)	10.0
Conductivity (µS/cm)	4	398.3	393.0 - 411.0	8	396.1	357.0 - 418.0		
pH	28	8	8	59	8	8		7 - 8
Total Dissolved Solids (mg/L)	1	231.00	231.00	2	222.50	214.00 - 231.00	(500.00)	
Turbidity (NTU)	28	0.05	<0.04 - 0.24	59	0.05	<0.04 - 0.24	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	2	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0100	
Barium (mg/L)	1	0.062	0.062	2	0.063	0.062 - 0.063	2.000	
Boron (mg/L)	1	0.010	0.010	2	0.010	0.009 - 0.010	5.000	
Bromate Dissolved (mg/L)	4	<0.005	<0.005	8	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	2	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	4	0.27	0.23 - 0.29	8	0.26	0.23 - 0.29	1.00	
Chlorine total (mg/L)	28	2.02	1.82 - 2.21	59	2.01	1.82 - 2.21		
Chlorite Dissolved (mg/L)	4	<0.005	<0.005	8	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0500	
Cyanide (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.2000	
Fluoride (mg/L)	28	0.72	0.67 - 0.78	59	0.73	0.67 - 0.78	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	2	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	2	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	4	0.09	0.08 - 0.10	8	0.09	0.08 - 0.10	10.00	
Nitrite (as N) dissolved (mg/L)	4	0.02	0.02	8	0.02	0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	2	0.0003	0.0002 - 0.0003	0.0500	
Uranium (mg/L)	1	0.0005	0.0005	2	0.0005	0.0005	0.0200	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rossdale Water Treatment Plant

February 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Primary Organics								
2,4-D (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050	100.000	
2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050	350.000	
Atrazine + metabolites (µg/L)	1	<0.10	<0.10	1	<0.10	<0.10	5.00	
Benzene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	5.0	
Benzo(a)pyrene (µg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.0400	
Bromoxynil (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050	30.000	
Carbon Tetrachloride (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	2.0	
Chlorpyrifos (µg/L)	1	<0.10	<0.10	1	<0.10	<0.10	90.00	
Cyanazine (µg/L)	1	<0.100	<0.100	1	<0.100	<0.100		
Dicamba (µg/L)	1	<0.10	<0.10	1	<0.10	<0.10	110.00	
Dichlorobenzene (1,4) (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)				2	<0.50	<0.50	5.00	
Dichlorophenol (2,4) (µg/L)	1	<0.20	<0.20	1	<0.20	<0.20		
Dimethoate (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050	20.000	
Diquat (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	50.0	
Ethylbenzene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	140.0 (1.6)	
Glyphosate (µg/L)	1	<1.00	<1.00	1	<1.00	<1.00	280.0	
Haloacetic acids total (HAA5) (µg/L)	1	18.20	18.20	2	18.40	18.20 - 18.60	80.00	40.00
Malathion (µg/L)	1	<0.0250	<0.0250	1	<0.0250	<0.0250	290.000	
Methylene Chloride (Dichloromethane) (µg/L)	28	<0.5	<0.5	59	<1.00	<0.5 - <1.00	50.0	
Metribuzin (µg/L)	1	<0.100	<0.100	1	<0.100	<0.100	80.00	
Microcystin total (µg/L)	1	<0.15	<0.15	1	<0.15	<0.15	1.50	
Nitrilotriacetic acid (NTA) (mg/L)	1	<0.4	<0.4	1	<0.4	<0.4	0.40	
Nitrosodimethylamine, N- [NDMA] (µg/L)	1	<0.0009	<0.0009	2	<0.0009	<0.0009	0.04000	0.01000
Omethoate (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050		
Omethoate (as dimethoate) (µg/L)	1	<0.16	<0.16	1	<0.16	<0.16		
Pentachlorophenol (µg/L)	1	<0.50	<0.50	1	<0.50	<0.50	60.00 (30.00)	
Perfluorooctanesulfonic acid (PFOS) (ng/L)	1	<2.0	<2.0	1	<2.0	<2.0		
Perfluorooctanoic Acid (PFOA) (ng/L)	1	<2.0	<2.0	1	<2.0	<2.0		
Tetrachloroethylene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	10.0	
Toluene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	60.0 (24.0)	
Total PFAS (ng/L)	1	<12.0	<12.0	1	<12.0	<12.0		
Trichloroethylene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	5.0	
Trichlorophenol (2,4,6) (µg/L)	1	<0.20	<0.20	1	<0.20	<0.20	5.00 (2.00)	
Trihalomethanes (µg/L)	28	15.4	11.7 - 20.7	59	15.4	11.7 - 20.7	100.0	50.0
Vinyl Chloride (µg/L)	28	<1.0	<1.0	59	<1.0	<0.50 - <1.0	2.00	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rossdale Water Treatment Plant

February 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	28	127.4	121.0 - 138.0	59	127.4	119.0 - 138.0		
Aluminum (mg/L)	1	0.067	0.067	2	0.069	0.067 - 0.070	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	13	0.09	<0.05 - 0.17	27	0.08	<0.05 - 0.17		
Beryllium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	4	<0.03	<0.03	8	<0.03	<0.03		
Calcium (mg/L)	1	51.1	51.1	2	51.1	51.0 - 51.1		
Calcium Hardness (mg/L CaCO ₃)	28	124.7	118.0 - 136.0	59	124.5	115.0 - 136.0		
Chloride Dissolved (mg/L)	4	6.8	5.6 - 9.6	8	6.1	4.8 - 9.6	(250.0)	
Chlorine free (mg/L)	1	<0.07	<0.07	2	<0.07	<0.07		
Cobalt (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	2	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	2	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0035	0.0035	2	0.0035	0.0035		
Magnesium (mg/L)	1	15.3	15.3	2	15.4	15.3 - 15.5		
Molybdenum (mg/L)	1	0.0007	0.0007	2	0.0007	0.0006 - 0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	2	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	1	0.02	0.02	2	0.02	<0.02 - 0.02		
Phosphorus (mg/L)	1	<0.02	<0.02	2	<0.02	<0.02		
Potassium (mg/L)	1	0.8	0.8	2	0.8	0.8		
Silicon (mg/L)	1	2.35	2.35	2	2.36	2.35 - 2.37		
Silver (mg/L)	1	<0.00002	<0.00002	2	<0.00002	<0.00002		
Sodium (mg/L)	1	9.8	9.8	2	8.2	6.6 - 9.8	(200.0)	
Strontium (mg/L)	1	0.454	0.454	2	0.463	0.454 - 0.472	7.000	
Sulphate Dissolved (mg/L)	4	68.4	66.0 - 73.0	8	66.6	62.4 - 73.0	(500.0)	
Sulphide (mg/L)	1	<0.0015	<0.0015	1	<0.0015	<0.0015	(0.0500)	
Thallium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	28	187.9	178.0 - 204.0	59	187.7	177.0 - 204.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	2	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	2	<0.005	<0.005	(5.000)	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L Smith Water Treatment Plant

February 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Microbiologicals								
Coliforms total (PA/100mL)	27	-VE	-VE	58	-VE	-VE	0.0	
Cryptosporidium (oocysts/100L)	1	<0.1	<0.1	2	<0.1	<0.1		
E. coli (PA/100mL)	27	-VE	-VE	58	-VE	-VE	0.0	
Giardia (cysts/100L)	1	<0.1	<0.1	2	<0.1	<0.1		
Physical								
Colour (TCU)	28	1.0	<0.5 - 1.7	59	0.9	<0.5 - 1.7	(15.0)	10.0
Conductivity (µS/cm)	4	395.8	381.0 - 423.0	8	394.1	363.0 - 423.0		
pH	28	8	8	59	8	8		7 - 8
Total Dissolved Solids (mg/L)	1	217.00	217.00	2	218.00	217.00 - 219.00	(500.00)	
Turbidity (NTU)	28	0.05	<0.04 - 0.07	59	0.04	<0.04 - 0.08	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	2	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	0.0002	0.0002	2	0.0002	0.0002	0.0100	
Barium (mg/L)	1	0.062	0.062	2	0.063	0.062 - 0.063	2.000	
Boron (mg/L)	1	0.010	0.010	2	0.010	0.009 - 0.010	5.000	
Bromate Dissolved (mg/L)	4	<0.005	<0.005	8	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	2	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	4	0.12	0.10 - 0.14	8	0.11	0.09 - 0.14	1.00	
Chlorine total (mg/L)	28	2.01	1.93 - 2.19	59	2.03	1.93 - 2.19		
Chlorite Dissolved (mg/L)	4	<0.005	<0.005	8	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0500	
Cyanide (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.2000	
Fluoride (mg/L)	28	0.69	0.64 - 0.73	59	0.69	0.64 - 0.73	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	2	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	2	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	4	0.09	0.09	8	0.09	0.08 - 0.09	10.00	
Nitrite (as N) dissolved (mg/L)	4	0.02	0.02	8	0.02	0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	2	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0005	0.0005	2	0.0005	0.0005	0.0200	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L. Smith Water Treatment Plant

February 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Primary Organics								
2,4-D (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050	100.000	
2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050	350.000	
Atrazine + metabolites (µg/L)	1	<0.10	<0.10	1	<0.10	<0.10	5.00	
Benzene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	5.0	
Benzo(a)pyrene (µg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.0400	
Bromoxynil (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050	30.000	
Carbon Tetrachloride (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	2.0	
Chlorpyrifos (µg/L)	1	<0.10	<0.10	1	<0.10	<0.10	90.00	
Cyanazine (µg/L)	1	<0.100	<0.100	1	<0.100	<0.100		
Dicamba (µg/L)	1	<0.10	<0.10	1	<0.10	<0.10	110.00	
Dichlorobenzene (1,4) (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)				2	<0.50	<0.50	5.00	
Dichlorophenol (2,4) (µg/L)	1	<0.20	<0.20	1	<0.20	<0.20		
Dimethoate (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050	20.000	
Diquat (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	50.0	
Ethylbenzene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	140.0 (1.6)	
Glyphosate (µg/L)	1	<1.00	<1.00	1	<1.00	<1.00	280.0	
Haloacetic acids total (HAA5) (µg/L)	1	16.60	16.60	2	16.75	16.60 - 16.90	80.00	40.00
Malathion (µg/L)	1	<0.0250	<0.0250	1	<0.0250	<0.0250	290.000	
Methylene Chloride (Dichloromethane) (µg/L)	28	<0.5	<0.5	59	<1.00	<0.5 - <1.00	50.0	
Metribuzin (µg/L)	1	<0.100	<0.100	1	<0.100	<0.100	80.00	
Microcystin total (µg/L)	1	<0.15	<0.15	1	<0.15	<0.15	1.50	
Nitritotriacetic acid (NTA) (mg/L)	1	<0.4	<0.4	1	<0.4	<0.4	0.40	
Nitrosodimethylamine, N- [NDMA] (µg/L)	1	<0.0009	<0.0009	2	<0.0009	<0.0009	0.04000	0.01000
Omethoate (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050		
Omethoate (as dimethoate) (µg/L)	1	<0.16	<0.16	1	<0.16	<0.16		
Pentachlorophenol (µg/L)	1	<0.50	<0.50	1	<0.50	<0.50	60.00 (30.00)	
Perfluorooctanesulfonic acid (PFOS) (ng/L)	1	<2.0	<2.0	1	<2.0	<2.0		
Perfluorooctanoic Acid (PFOA) (ng/L)	1	<2.0	<2.0	1	<2.0	<2.0		
Tetrachloroethylene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	10.0	
Toluene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	60.0 (24.0)	
Total PFAS (ng/L)	1	<12.0	<12.0	1	<12.0	<12.0		
Trichloroethylene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	5.0	
Trichlorophenol (2,4,6) (µg/L)	1	<0.20	<0.20	1	<0.20	<0.20	5.00 (2.00)	
Trihalomethanes (µg/L)	28	12.9	9.0 - 17.3	59	13.0	9.0 - 18.3	100.0	50.0
Vinyl Chloride (µg/L)	28	<1.0	<1.0	59	<1.0	<0.50 - <1.0	2.00	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L. Smith Water Treatment Plant

February 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO3/L)	28	127.9	119.0 - 139.0	59	127.8	119.0 - 139.0		
Aluminum (mg/L)	1	0.081	0.081	2	0.079	0.077 - 0.081	2.900 (0.100)	
Ammonia as NH3 (mg/L)	13	0.08	<0.05 - 0.10	27	0.08	<0.05 - 0.11		
Beryllium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	4	<0.03	<0.03	8	<0.03	<0.03		
Calcium (mg/L)	1	50.5	50.5	2	50.6	50.5 - 50.7		
Calcium Hardness (mg/L CaCO3)	28	123.9	114.0 - 135.0	59	123.8	114.0 - 135.0		
Chloride Dissolved (mg/L)	4	6.5	5.5 - 7.5	8	6.2	5.5 - 7.5	(250.0)	
Chlorine free (mg/L)	1	<0.07	<0.07	2	<0.07	<0.07		
Cobalt (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	2	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	2	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0034	0.0034	2	0.0034	0.0033 - 0.0034		
Magnesium (mg/L)	1	15.3	15.3	2	15.3	15.3		
Molybdenum (mg/L)	1	0.0006	0.0006	2	0.0006	0.0006		
Nickel (mg/L)	1	<0.0005	<0.0005	2	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	1	<0.02	<0.02	2	0.02	<0.02 - 0.02		
Phosphorus (mg/L)	1	<0.02	<0.02	2	<0.02	<0.02		
Potassium (mg/L)	1	0.7	0.7	2	0.8	0.7 - 0.8		
Silicon (mg/L)	1	2.27	2.27	2	2.31	2.27 - 2.35		
Silver (mg/L)	1	<0.00002	<0.00002	2	<0.00002	<0.00002		
Sodium (mg/L)	1	8.0	8.0	2	7.6	7.2 - 8.0	(200.0)	
Strontium (mg/L)	1	0.451	0.451	2	0.461	0.451 - 0.471	7.000	
Sulphate Dissolved (mg/L)	4	67.4	65.0 - 73.1	8	65.8	62.0 - 73.1	(500.0)	
Sulphide (mg/L)	1	<0.0015	<0.0015	1	<0.0015	<0.0015	(0.0500)	
Thallium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	28	187.0	176.0 - 204.0	59	186.8	171.0 - 204.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	2	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	2	<0.005	<0.005	(5.000)	

2.2.5 TREATED WATER ENTERING THE PLANT RESERVOIR

E.L. Smith and Rossdale Reservoirs

February 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
EL Smith Combined Filter Effluent								
UV 254 % Transmittance (%T/cm)	28	95.2	92.5	59	95.5	92.5 - 95.5		
UV Absorbance (UV Abs/cm)	28	0.026	0.022 - 0.034	59	0.026	0.020 - 0.034		
EL Smith Treated								
Turbidity (NTU)	28	0.04	<0.04 - 0.09	59	0.04	<0.04 - 0.09	(3.00)	0.10
Rossdale Filter Effluent								
UV 254 % Transmittance (%T/cm)	27	95.1	92.9	58	95.3	91.4 - 95.3		
UV Absorbance (UV Abs/cm)	27	0.026	0.022 - 0.032	58	0.026	0.021 - 0.039		
Rossdale Treated								
Turbidity (NTU)	27	0.04	<0.04 - 0.06	58	0.04	<0.04 - 0.06	(3.00)	0.10
Primary Organics								
EL Smith Treated								
Benzene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	5.0	
Carbon Tetrachloride (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	2.0	
Dichlorobenzene (1,4) (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	5.0 (1.0)	
Ethylbenzene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	28	<0.5	<0.5	59	<1.00	<0.5 - <1.00	50.0	
Tetrachloroethylene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	10.0	
Toluene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	60.0 (24.0)	
Trichloroethylene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	5.0	
Trihalomethanes (µg/L)	28	10.5	7.7 - 14.2	59	10.6	7.7 - 19.7	100.0	50.0
Vinyl Chloride (µg/L)	28	<1.0	<1.0	59	<1.0	<0.50 - <1.0	2.00	
Rossdale Treated								
Benzene (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50	5.0	
Carbon Tetrachloride (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50	2.0	
Dichlorobenzene (1,4) (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50	5.0 (1.0)	
Ethylbenzene (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	27	<0.5	<0.5	58	<1.00	<0.5 - <1.00	50.0	
Tetrachloroethylene (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50	10.0	
Toluene (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50	60.0 (24.0)	
Trichloroethylene (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50	5.0	
Trihalomethanes (µg/L)	27	12.5	9.8 - 16.6	58	12.8	9.8 - 19.8	100.0	50.0
Vinyl Chloride (µg/L)	27	<1.0	<1.0	58	<1.0	<0.50 - <1.0	2.00	

2.2.5 TREATED WATER ENTERING THE PLANT RESERVOIR

E.L. Smith and Rossdale Reservoirs

February 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Primary Inorganics								
EL Smith Treated								
Bromate Dissolved (mg/L)	4	<0.005	<0.005	8	<0.005	<0.005	0.010	
Chlorate Dissolved (mg/L)	4	0.11	0.10 - 0.15	8	0.11	0.09 - 0.15	1.00	
Chlorite Dissolved (mg/L)	4	<0.005	<0.005	8	<0.005	<0.005	1.000	
Nitrate (as N) dissolved (mg/L)	4	0.09	0.09	8	0.09	0.08 - 0.09	10.00	
Nitrite (as N) dissolved (mg/L)	4	0.02	0.02	8	0.02	0.02	1.00	
Rossdale Treated								
Bromate Dissolved (mg/L)	4	<0.005	<0.005	8	<0.005	<0.005	0.010	
Chlorate Dissolved (mg/L)	4	0.27	0.25 - 0.29	8	0.27	0.24 - 0.30	1.00	
Chlorite Dissolved (mg/L)	4	<0.005	<0.005	8	<0.005	<0.005	1.000	
Nitrate (as N) dissolved (mg/L)	4	0.09	0.08 - 0.09	8	0.09	0.08 - 0.10	10.00	
Nitrite (as N) dissolved (mg/L)	4	0.02	0.02	8	0.02	0.02	1.00	
Secondary Inorganics								
EL Smith Treated								
Ammonia as NH3 (mg/L)	13	0.08	<0.05 - 0.13	27	0.09	<0.05 - 0.13		
Bromide Dissolved (mg/L)	4	<0.03	<0.03	8	<0.03	<0.03		
Chloride Dissolved (mg/L)	4	6.5	5.6 - 7.7	8	6.3	5.6 - 7.7	(250.0)	
Sulphate Dissolved (mg/L)	4	67.3	64.9 - 73.4	8	65.7	62.1 - 73.4	(500.0)	
Rossdale Treated								
Ammonia as NH3 (mg/L)	12	0.07	<0.05 - 0.19	26	0.07	<0.05 - 0.19		
Bromide Dissolved (mg/L)	4	<0.03	<0.03	8	<0.03	<0.03		
Chloride Dissolved (mg/L)	4	8.1	5.4 - 12.8	8	7.3	4.9 - 12.8	(250.0)	
Sulphate Dissolved (mg/L)	4	68.5	66.4 - 73.9	8	66.7	62.4 - 73.9	(500.0)	

2.2.5 TREATED WATER ENTERING THE PLANT RESERVOIR

E.L. Smith and Rossdale Reservoirs

February 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
EL Smith Treated								
Bromodichloromethane (µg/L)	28	0.7	<0.5 - 1.0	59	0.6	<0.5 - 1.0		
Bromoform (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50		
Chlorobenzene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50		
Chloroform (µg/L)	28	9.7	7.0 - 13.2	59	9.9	7.0 - 19.2	(40.0)	
Dibromochloromethane (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50		
Dichlorobenzene (1,2) (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	200.0 (3.0)	
Dichlorobenzene (1,3) (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50		
Dichloroethylene (1,1) (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	14.0	
Dichloroethylene cis (1,2) (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50		
Dichloroethylene trans (1,2) (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50		
Dichloropropane (1,2) (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50		
Methyl Isobutyl Ketone (MIBK) (µg/L)	28	<1.0	<1.0	59	<20	<1.0 - <20		
Methyl t-Butyl Ether (MTBE) (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50	100.0 (15.0)	50.0
Styrene (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50		
Tetrachloroethane (1,1,2,2) (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50		
Total Volatile Organics (Non THM) (µg/L)	28	<1.0	<1.0	57	1.0	<1.0 - 1.1		
Trichlorobenzene (1,2,4) (µg/L)	28	<0.5	<0.5	59	<0.50	<0.5 - <0.50		
Xylene (1,2) (µg/L)	28	<0.5	<0.5	59	<0.5	<0.30 - <0.5		
Xylene (1,4) (µg/L)	28	<0.5	<0.5	59	<0.5	<0.40 - <0.5		
Xylenes total (µg/L)	28	<1.0	<1.0	59	<1.0	<0.50 - <1.0	90.00 (20.00)	
Rossdale Treated								
Bromodichloromethane (µg/L)	27	1.0	0.5 - 2.0	58	0.9	0.5 - 2.0		
Bromoform (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50		
Chlorobenzene (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50		
Chloroform (µg/L)	27	11.5	9.1 - 14.6	58	11.8	9.1 - 19.3	(40.0)	
Dibromochloromethane (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50		
Dichlorobenzene (1,2) (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50	200.0 (3.0)	
Dichlorobenzene (1,3) (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50		
Dichloroethylene (1,1) (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50	14.0	
Dichloroethylene cis (1,2) (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50		
Dichloroethylene trans (1,2) (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50		
Dichloropropane (1,2) (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50		
Methyl Isobutyl Ketone (MIBK) (µg/L)	27	<1.0	<1.0	58	<20	<1.0 - <20		
Methyl t-Butyl Ether (MTBE) (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50	100.0 (15.0)	50.0
Styrene (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50		
Tetrachloroethane (1,1,2,2) (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50		
Total Volatile Organics (Non THM) (µg/L)	27	1.0	<1.0 - 1.1	56	1.0	<1.0 - 1.3		
Trichlorobenzene (1,2,4) (µg/L)	27	<0.5	<0.5	58	<0.50	<0.5 - <0.50		
Xylene (1,2) (µg/L)	27	<0.5	<0.5	58	<0.5	<0.30 - <0.5		
Xylene (1,4) (µg/L)	27	<0.5	<0.5	58	<0.5	<0.40 - <0.5		
Xylenes total (µg/L)	27	<1.0	<1.0	58	<1.0	<0.50 - <1.0	90.00 (20.00)	

2.2.6 Routine Distribution System (Excluding Field Reservoirs)

February 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Microbiologicals								
Coliforms total (MPN/100 mL)	2	Not Detected	Not Detected	2	Not Detected	Not Detected	0.0	
Coliforms total (PA/100mL)	159	-VE	-VE	321	-VE	-VE	0.0	
E. coli (MPN/100 mL)	2	Not Detected	Not Detected	2	Not Detected	Not Detected	0.0	
E. coli (PA/100mL)	159	-VE	-VE	321	-VE	-VE	0.0	
Physical								
Colour (TCU)	1	0.8	0.8	1	0.8	0.8	(15.0)	10.0
pH	2	8	8	4	8	8		7 - 8
Total Dissolved Solids (mg/L)	1	127.00	127.00	1	127.00	127.00	(500.00)	
Turbidity (NTU)	161	0.13	<0.04 - 1.48	323	0.13	<0.04 - 1.48	(3.00)	1.00
UV Absorbance (UV Abs/cm)	1	0.032	0.032	1	0.032	0.032		
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0100	
Barium (mg/L)	1	0.060	0.060	1	0.060	0.060	2.000	
Boron (mg/L)	1	0.010	0.010	1	0.010	0.010	5.000	
Bromate Dissolved (mg/L)	2	<0.005	<0.005	4	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	2	0.10	0.10 - 0.11	4	0.19	0.10 - 0.28	1.00	
Chlorine total (mg/L)	161	1.85	0.35 - 2.13	323	1.86	0.35 - 2.13		1.00 - 2.40
Chlorite Dissolved (mg/L)	2	<0.005	<0.005	4	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Cyanide (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.2000	
Fluoride (mg/L)	1	0.66	0.66	1	0.66	0.66	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	2	0.09	0.09	4	0.10	0.09 - 0.11	10.00	
Nitrite (as N) dissolved (mg/L)	2	0.02	0.02	4	0.02	0.01 - 0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0005	0.0005	1	0.0005	0.0005	0.0200	

2.2.6 Routine Distribution System (Excluding Field Reservoirs)

February 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Primary Organics								
2,4-D (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050	100.000	
2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050	350.000	
Atrazine + metabolites (µg/L)	1	<0.10	<0.10	1	<0.10	<0.10	5.00	
Benzene (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5	5.0	
Benzo(a)pyrene (µg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.0400	
Bromoxynil (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050	30.000	
Carbon Tetrachloride (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5	2.0	
Chlorpyrifos (µg/L)	1	<0.10	<0.10	1	<0.10	<0.10	90.00	
Cyanazine (µg/L)	1	<0.100	<0.100	1	<0.100	<0.100		
Dicamba (µg/L)	1	<0.10	<0.10	1	<0.10	<0.10	110.00	
Dichlorobenzene (1,4) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5	5.0	
Dichlorophenol (2,4) (µg/L)	1	<0.20	<0.20	1	<0.20	<0.20		
Dimethoate (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050	20.000	
Diquat (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	50.0	
Ethylbenzene (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5	140.0 (1.6)	
Glyphosate (µg/L)	1	<1.00	<1.00	1	<1.00	<1.00	280.0	
Haloacetic acids total (HAA5) (µg/L)	2	18.40	18.00 - 18.80	8	18.96	17.40 - 20.40	80.00	40.00
Malathion (µg/L)	1	<0.0250	<0.0250	1	<0.0250	<0.0250	290.000	
Methylene Chloride (Dichloromethane) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5	50.0	
Metribuzin (µg/L)	1	<0.100	<0.100	1	<0.100	<0.100	80.00	
Microcystin total (µg/L)	1	<0.15	<0.15	1	<0.15	<0.15	1.50	
Nitritotriacetic acid (NTA) (mg/L)	1	<0.4	<0.4	1	<0.4	<0.4	0.40	
Nitrosodimethylamine, N- [NDMA] (µg/L)	3	0.00090	<0.0009	6	0.00106	<0.0009 - 0.00176	0.04000	0.01000
Omethoate (µg/L)	1	<0.050	<0.050	1	<0.050	<0.050		
Omethoate (as dimethoate) (µg/L)	1	<0.16	<0.16	1	<0.16	<0.16		
Pentachlorophenol (µg/L)	1	<0.50	<0.50	1	<0.50	<0.50	60.00 (30.00)	
Perfluorooctanesulfonic acid (PFOS) (ng/L)	1	<2.0	<2.0	1	<2.0	<2.0		
Perfluorooctanoic Acid (PFOA) (ng/L)	1	<2.0	<2.0	1	<2.0	<2.0		
Tetrachloroethylene (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5	10.0	
Toluene (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5	60.0 (24.0)	
Total PFAS (ng/L)	1	<12.0	<12.0	1	<12.0	<12.0		
Trichloroethylene (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5	5.0	
Trichlorophenol (2,4,6) (µg/L)	1	<0.20	<0.20	1	<0.20	<0.20	5.00 (2.00)	
Trihalomethanes (µg/L)	6	13.7	12.2 - 14.9	12	15.4	11.9 - 21.6	100.0	50.0
Vinyl Chloride (µg/L)	6	<1.0	<1.0	12	<1.0	<1.0	2.0	

2.2.6 Routine Distribution System (Excluding Field Reservoirs)

February 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO3/L)	1	123.0	123.0	1	123.0	123.0		
Aluminum (mg/L)	1	0.083	0.083	1	0.083	0.083	2.900 (0.100)	
Ammonia as NH3 (mg/L)	2	0.08	0.07 - 0.09	4	0.09	0.07 - 0.12		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	2	<0.03	<0.03	4	<0.03	<0.03		
Calcium (mg/L)	1	50.7	50.7	1	50.7	50.7		
Chloride Dissolved (mg/L)	2	6.4	6.4	4	5.9	5.3 - 6.4	(250.0)	
Chlorine free (mg/L)	1	<0.07	<0.07	1	<0.07	<0.07		
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	0.007	0.007	1	0.007	0.007	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0037	0.0037	1	0.0037	0.0037		
Magnesium (mg/L)	1	15.5	15.5	1	15.5	15.5		
Molybdenum (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	2	0.89	0.88 - 0.90	4	0.89	0.86 - 0.90		
Phosphorus (mg/L)	1	0.98	0.98	1	0.98	0.98		
Potassium (mg/L)	1	0.7	0.7	1	0.7	0.7		
Silicon (mg/L)	1	2.46	2.46	1	2.46	2.46		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	7.9	7.9	1	7.9	7.9	(200.0)	
Strontium (mg/L)	1	0.474	0.474	1	0.474	0.474	7.000	
Sulphate Dissolved (mg/L)	2	64.8	64.8	4	66.3	64.8 - 68.0	(500.0)	
Sulphide (mg/L)	1	<0.0015	<0.0015	1	<0.0015	<0.0015	(0.0500)	
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	1	181.0	181.0	1	181.0	181.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.6 Routine Distribution System (Excluding Field Reservoirs)

February 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromochloroacetic acid (µg/L)	2	<1.00	<1.00	8	<1.00	<1.00		
Bromodichloromethane (µg/L)	6	1.0	0.8 - 1.0	12	1.0	0.7 - 1.2		
Bromoform (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Chlorobenzene (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Chloroform (µg/L)	6	12.7	11.2 - 13.8	12	14.3	11.1 - 20.2		
Dibromoacetic acid (µg/L)	2	<1.00	<1.00	8	<1.00	<1.00		
Dibromochloromethane (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Dichloroacetic acid (µg/L)	2	9.25	9.07 - 9.42	8	9.37	8.61 - 9.83		
Dichlorobenzene (1,2) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	6	<1.0	<1.0	12	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5	(15.0)	
Monobromoacetic acid (µg/L)	2	<1.00	<1.00	8	<1.00	<1.00		
Monochloroacetic acid (µg/L)	2	<1.00	<1.00	8	<1.00	<1.00		
Styrene (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Total Organic Carbon (mg/L)	2	1.4	1.3 - 1.4	4	1.3	1.3 - 1.4		
Total Volatile Organics (Non THM) (µg/L)	6	1.0	<1.0 - 1.1	12	1.0	<1.0 - 1.2		
Trichloroacetic acid (µg/L)	2	9.14	8.94 - 9.33	8	9.60	8.79 - 10.60		
Trichlorobenzene (1,2,4) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Xylene (1,2) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Xylene (1,4) (µg/L)	6	<0.5	<0.5	12	<0.5	<0.5		
Xylenes total (µg/L)	6	<1.0	<1.0	12	<1.0	<1.0	90.0 (20.0)	

2.2.7 Additional Distribution System Samples Collected from Water Quality Complaint Investigations

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	7	1.0	0.5 - 1.5	12	0.9	<0.5 - 1.6	(15.0)	10.0
pH	7	8	8	12	8	8		7 - 8
Turbidity (NTU)	7	0.25	0.09 - 1.13	12	0.18	0.06 - 1.13	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	7	<0.0005	<0.0005	12	0.0005	<0.0005	0.0060	
Arsenic (mg/L)	7	0.0002	<0.0002	12	0.0002	<0.0002 - 0.0002	0.0100	
Barium (mg/L)	7	0.059	0.057 - 0.061	12	0.060	0.057 - 0.064	2.000	
Boron (mg/L)	7	0.010	0.009 - 0.010	12	0.010	0.009 - 0.010	5.000	
Cadmium (mg/L)	7	<0.00002	<0.00002	12	<0.00002	<0.00002	0.00700	
Chlorine total (mg/L)	7	1.78	1.45 - 1.96	12	1.80	1.45 - 1.97		1.00 - 2.40
Chromium (mg/L)	7	0.0002	<0.0002	12	0.0002	<0.0002	0.0500	
Lead (mg/L)	7	0.0003	<0.0002 - 0.0009	12	0.0003	<0.0002 - 0.0009	0.0050	
Manganese (mg/L)	7	0.003	<0.002 - 0.008	12	0.003	<0.002 - 0.008	0.120 (0.020)	
Selenium (mg/L)	7	0.0003	0.0003	12	0.0003	0.0003	0.0500	
Uranium (mg/L)	7	0.0005	<0.0005 - 0.0006	12	0.0005	<0.0005 - 0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5	10.0	
Toluene (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	7	17.6	13.9 - 19.7	12	17.3	13.9 - 21.4	100.0	50.0
Vinyl Chloride (µg/L)	7	<1.0	<1.0	12	<1.0	<1.0	2.0	

2.2.7 Additional Distribution System Samples Collected from Water Quality Complaint Investigations

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)	7	1.2	1.0 - 1.5	12	1.1	0.8 - 1.5		
Bromoform (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Chlorobenzene (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Chloroform (µg/L)	7	16.4	12.8 - 18.4	12	16.1	12.8 - 20.3		
Dibromochloromethane (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	7	<1.0	<1.0	12	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5	(15.0)	
Styrene (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Total Volatile Organics (Non THM) (µg/L)	7	<1.0	<1.0	12	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Xylene (1,2) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Xylene (1,4) (µg/L)	7	<0.5	<0.5	12	<0.5	<0.5		
Xylenes total (µg/L)	7	<1.0	<1.0	12	<1.0	<1.0	90.0 (20.0)	

2.2.7 Additional Distribution System Samples Collected from Water Quality Complaint Investigations

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Aluminum (mg/L)	7	0.060	0.044 - 0.079	12	0.060	0.044 - 0.079	2.900 (0.100)	
Beryllium (mg/L)	7	0.0002	<0.0002	12	0.0002	<0.0002		
Calcium (mg/L)	7	52.2	50.5 - 55.1	12	52.0	50.3 - 55.1		
Cobalt (mg/L)	7	0.0002	<0.0002	12	0.0002	<0.0002		
Copper (mg/L)	7	0.003	<0.002 - 0.004	12	0.003	<0.002 - 0.005	2.000 (1.000)	
Iron (mg/L)	7	0.034	<0.005 - 0.171	12	0.023	<0.005 - 0.171	(0.100)	
Lithium (mg/L)	7	0.0036	0.0035 - 0.0037	12	0.0036	0.0034 - 0.0039		
Magnesium (mg/L)	7	15.7	15.2 - 16.4	12	15.6	15.2 - 16.4		
Molybdenum (mg/L)	7	0.0007	0.0006 - 0.0007	12	0.0007	0.0006 - 0.0007		
Nickel (mg/L)	7	<0.0005	<0.0005	12	0.0005	<0.0005 - 0.0006		
Phosphorus (mg/L)	7	0.97	0.94 - 0.99	12	0.96	0.92 - 0.99		
Potassium (mg/L)	7	0.7	0.7 - 0.8	12	0.7	0.7 - 0.8		
Silicon (mg/L)	7	2.46	2.38 - 2.61	12	2.48	2.38 - 2.61		
Silver (mg/L)	7	<0.00002	<0.00002	12	<0.00002	<0.00002		
Sodium (mg/L)	7	8.0	7.5 - 8.6	12	7.8	7.0 - 8.6	(200.0)	
Strontium (mg/L)	7	0.464	0.455 - 0.479	12	0.467	0.455 - 0.479	7.000	
Thallium (mg/L)	7	0.0002	<0.0002	12	0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	7	195.0	189.0 - 205.0	12	194.0	189.0 - 205.0		
Vanadium (mg/L)	7	<0.0005	<0.0005	12	0.0005	<0.0005		
Zinc (mg/L)	7	<0.005	<0.005	12	<0.005	<0.005	(5.000)	

2.2.8 Castledowns Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	1.0	1.0	1	1.0	1.0	(15.0)	10.0
Conductivity (µS/cm)	1	409.0	409.0	1	409.0	409.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.09	0.08 - 0.10	8	0.09	0.08 - 0.10	(3.00)	1.00
Primary Organics								
Haloacetic acids total (HAA5) (µg/L)								
Nitrosodimethylamine, N- [NDMA] (µg/L)								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	20.6	20.6	1	20.6	20.6	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0100	
Barium (mg/L)	1	0.066	0.066	1	0.066	0.066	2.000	
Boron (mg/L)	1	0.010	0.010	1	0.010	0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.12	0.12	1	0.12	0.12	1.00	
Chlorine total (mg/L)	4	1.94	1.90 - 1.97	8	1.95	1.90 - 1.97		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.65	0.65	1	0.65	0.65	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.09	0.09	1	0.09	0.09	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.02	0.02	1	0.02	0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006	0.0200	

2.2.8 Castledowns Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	1	129.0	129.0	1	129.0	129.0		
Aluminum (mg/L)	1	0.076	0.076	1	0.076	0.076	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	1	0.09	0.09	1	0.09	0.09		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	1	<0.03	<0.03		
Calcium (mg/L)	1	52.3	52.3	1	52.3	52.3		
Calcium Hardness (mg/L CaCO ₃)	1	131.0	131.0	1	131.0	131.0		
Chloride Dissolved (mg/L)	1	6.8	6.8	1	6.8	6.8	(250.0)	
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0036	0.0036	1	0.0036	0.0036		
Magnesium (mg/L)	1	15.9	15.9	1	15.9	15.9		
Molybdenum (mg/L)	1	0.0007	0.0007	1	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.89	0.86 - 0.92	8	0.89	0.86 - 0.92		
Phosphorus (mg/L)	1	0.94	0.94	1	0.94	0.94		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.66	2.66	1	2.66	2.66		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	8.2	8.2	1	8.2	8.2	(200.0)	
Strontium (mg/L)	1	0.446	0.446	1	0.446	0.446	7.000	
Sulphate Dissolved (mg/L)	1	67.4	67.4	1	67.4	67.4	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	1	196.0	196.0	1	196.0	196.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.8 Castledowns Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromochloroacetic acid (µg/L)								
Bromodichloromethane (µg/L)	1	1.1	1.1	1	1.1	1.1		
Bromoform (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chloroform (µg/L)	1	19.5	19.5	1	19.5	19.5		
Dibromoacetic acid (µg/L)								
Dibromochloromethane (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroacetic acid (µg/L)								
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	(15.0)	
Monobromoacetic acid (µg/L)								
Monochloroacetic acid (µg/L)								
Styrene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.6	1.6	1	1.6	1.6		
Total Volatile Organics (Non THM) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Trichloroacetic acid (µg/L)								
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	90.0 (20.0)	

2.2.9 Clareview Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)				1	0.6	0.6	(15.0)	10.0
Conductivity (µS/cm)				1	397.0	397.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	4	0.13	0.11 - 0.15	8	0.13	0.10 - 0.21	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)				1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)				1	<0.0002	<0.0002	0.0100	
Barium (mg/L)				1	0.066	0.066	2.000	
Boron (mg/L)				1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)				1	<0.005	<0.005	0.010	
Cadmium (mg/L)				1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)				1	0.26	0.26	1.00	
Chlorine total (mg/L)	4	1.59	1.53 - 1.67	8	1.66	1.53 - 1.80		1.00 - 2.40
Chlorite Dissolved (mg/L)				1	<0.005	<0.005	1.000	
Chromium (mg/L)				1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)				1	0.69	0.69	1.50	0.60 - 0.80
Lead (mg/L)				1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)				1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)				1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)				1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)				1	0.01	0.01	1.00	
Selenium (mg/L)				1	0.0003	0.0003	0.0500	
Uranium (mg/L)				1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)				1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)				1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)				1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)				1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)				1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)				1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)				1	<0.5	<0.5	10.0	
Toluene (µg/L)				1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)				1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)				1	20.3	20.3	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	

2.2.9 Clareview Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)				1	129.0	129.0		
Aluminum (mg/L)				1	0.064	0.064	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)				1	0.10	0.10		
Beryllium (mg/L)				1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)				1	<0.03	<0.03		
Calcium (mg/L)				1	52.7	52.7		
Calcium Hardness (mg/L CaCO ₃)				1	132.0	132.0		
Chloride Dissolved (mg/L)				1	5.6	5.6	(250.0)	
Cobalt (mg/L)				1	<0.0002	<0.0002		
Copper (mg/L)				1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)				1	0.010	0.010	(0.100)	
Lithium (mg/L)				1	0.0035	0.0035		
Magnesium (mg/L)				1	16.0	16.0		
Molybdenum (mg/L)				1	0.0007	0.0007		
Nickel (mg/L)				1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.91	0.88 - 0.92	8	0.91	0.88 - 0.94		
Phosphorus (mg/L)				1	0.95	0.95		
Potassium (mg/L)				1	0.8	0.8		
Silicon (mg/L)				1	2.57	2.57		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	7.5	7.5	(200.0)	
Strontium (mg/L)				1	0.481	0.481	7.000	
Sulphate Dissolved (mg/L)				1	67.0	67.0	(500.0)	
Thallium (mg/L)				1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)				1	198.0	198.0		
Vanadium (mg/L)				1	<0.0005	<0.0005		
Zinc (mg/L)				1	<0.005	<0.005	(5.000)	

2.2.9 Clareview Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)				1	1.1	1.1		
Bromoform (µg/L)				1	<0.5	<0.5		
Chlorobenzene (µg/L)				1	<0.5	<0.5		
Chloroform (µg/L)				1	19.1	19.1		
Dibromochloromethane (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)				1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)				1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)				1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)				1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)				1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)				1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)				1	<0.5	<0.5	(15.0)	
Styrene (µg/L)				1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)				1	<0.5	<0.5		
Total Organic Carbon (mg/L)				1	1.4	1.4		
Total Volatile Organics (Non THM) (µg/L)				1	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)				1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)				1	<0.5	<0.5		
Xylene (1,2) (µg/L)				1	<0.5	<0.5		
Xylene (1,4) (µg/L)				1	<0.5	<0.5		
Xylenes total (µg/L)				1	<1.0	<1.0	90.0 (20.0)	

2.2.10 Discovery Park Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)				1	<0.5	<0.5	(15.0)	10.0
Conductivity (µS/cm)				1	399.0	399.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	4	0.10	0.09 - 0.12	8	0.10	0.07 - 0.12	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)				1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)				1	0.0002	0.0002	0.0100	
Barium (mg/L)				1	0.064	0.064	2.000	
Boron (mg/L)				1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)				1	<0.005	<0.005	0.010	
Cadmium (mg/L)				1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)				1	0.09	0.09	1.00	
Chlorine total (mg/L)	4	1.28	1.25 - 1.32	8	1.32	1.25 - 1.43		1.00 - 2.40
Chlorite Dissolved (mg/L)				1	<0.005	<0.005	1.000	
Chromium (mg/L)				1	<0.0002	<0.0002	0.0500	
Cyanide (mg/L)								
Fluoride (mg/L)				1	0.68	0.68	1.50	0.60 - 0.80
Lead (mg/L)				1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)				1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)				1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)				1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)				1	0.01	0.01	1.00	
Selenium (mg/L)				1	0.0002	0.0002	0.0500	
Uranium (mg/L)				1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)				1	<0.5	<0.5	5.0	
Benzo(a)pyrene (µg/L)								
Carbon Tetrachloride (µg/L)				1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)				1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)				1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)				1	<0.5	<0.5	140.0 (1.6)	
Haloacetic acids total (HAA5) (µg/L)	1	21.90	21.90	1	21.90	21.90	80.00	40.00
Methylene Chloride (Dichloromethane) (µg/L)				1	<0.5	<0.5	50.0	
Microcystin total (µg/L)								
Nitrilotriacetic acid (NTA) (mg/L)								
Nitrosodimethylamine, N- [NDMA] (µg/L)								
Tetrachloroethylene (µg/L)				1	<0.5	<0.5	10.0	
Toluene (µg/L)				1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)				1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)				1	17.3	17.3	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	

2.2.10 Discovery Park Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO3/L)				1	128.0	128.0		
Aluminum (mg/L)				1	0.077	0.077	2.900 (0.100)	
Ammonia as NH3 (mg/L)				1	0.16	0.16		
Beryllium (mg/L)				1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)				1	<0.03	<0.03		
Calcium (mg/L)				1	52.4	52.4		
Calcium Hardness (mg/L CaCO3)				1	131.0	131.0		
Chloride Dissolved (mg/L)				1	5.8	5.8	(250.0)	
Cobalt (mg/L)				1	<0.0002	<0.0002		
Copper (mg/L)				1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)				1	<0.005	<0.005	(0.100)	
Lithium (mg/L)				1	0.0033	0.0033		
Magnesium (mg/L)				1	15.7	15.7		
Molybdenum (mg/L)				1	0.0006	0.0006		
Nickel (mg/L)				1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.88	0.86 - 0.88	8	0.87	0.86 - 0.88		
Phosphorus (mg/L)				1	0.92	0.92		
Potassium (mg/L)				1	0.9	0.9		
Silicon (mg/L)				1	2.43	2.43		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	7.4	7.4	(200.0)	
Strontium (mg/L)				1	0.495	0.495	7.000	
Sulphate Dissolved (mg/L)				1	64.8	64.8	(500.0)	
Sulphide (mg/L)								
Thallium (mg/L)				1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)				1	195.0	195.0		
Vanadium (mg/L)				1	<0.0005	<0.0005		
Zinc (mg/L)				1	<0.005	<0.005	(5.000)	

2.2.10 Discovery Park Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromochloroacetic acid (µg/L)	1	<1.00	<1.00	1	<1.00	<1.00		
Bromodichloromethane (µg/L)				1	0.9	0.9		
Bromoform (µg/L)				1	<0.5	<0.5		
Chlorobenzene (µg/L)				1	<0.5	<0.5		
Chloroform (µg/L)				1	16.1	16.1		
Dibromoacetic acid (µg/L)	1	<1.00	<1.00	1	<1.00	<1.00		
Dibromochloromethane (µg/L)				1	<0.5	<0.5		
Dichloroacetic acid (µg/L)	1	12.00	12.00	1	12.00	12.00		
Dichlorobenzene (1,2) (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)				1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)				1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)				1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)				1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)				1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)				1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)				1	<0.5	<0.5	(15.0)	
Monobromoacetic acid (µg/L)	1	<1.00	<1.00	1	<1.00	<1.00		
Monochloroacetic acid (µg/L)	1	<1.00	<1.00	1	<1.00	<1.00		
Styrene (µg/L)				1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)				1	<0.5	<0.5		
Total Organic Carbon (mg/L)				1	1.3	1.3		
Total Volatile Organics (Non THM) (µg/L)				1	<1.0	<1.0		
Trichloroacetic acid (µg/L)	1	9.89	9.89	1	9.89	9.89		
Trichlorobenzene (1,2,4) (µg/L)				1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)				1	<0.5	<0.5		
Xylene (1,2) (µg/L)				1	<0.5	<0.5		
Xylene (1,4) (µg/L)				1	<0.5	<0.5		
Xylenes total (µg/L)				1	<1.0	<1.0	90.0 (20.0)	

2.2.11 Kaskitayo Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)				1	0.9	0.9	(15.0)	10.0
Conductivity (µS/cm)				1	410.0	410.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	4	0.12	0.10 - 0.14	8	0.11	0.09 - 0.14	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)				1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)				1	0.0002	0.0002	0.0100	
Barium (mg/L)				1	0.069	0.069	2.000	
Boron (mg/L)				1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)				1	<0.005	<0.005	0.010	
Cadmium (mg/L)				1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)				1	0.13	0.13	1.00	
Chlorine total (mg/L)	4	1.87	1.80 - 1.95	8	1.93	1.80 - 2.04		1.00 - 2.40
Chlorite Dissolved (mg/L)				1	<0.005	<0.005	1.000	
Chromium (mg/L)				1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)				1	0.70	0.70	1.50	0.60 - 0.80
Lead (mg/L)				1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)				1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)				1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)				1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)				1	0.02	0.02	1.00	
Selenium (mg/L)				1	0.0003	0.0003	0.0500	
Uranium (mg/L)				1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)				1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)				1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)				1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)				1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)				1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)				1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)				1	<0.5	<0.5	10.0	
Toluene (µg/L)				1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)				1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)				1	17.5	17.5	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	

2.2.11 Kaskitayo Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)				1	130.0	130.0		
Aluminum (mg/L)				1	0.082	0.082	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)				1	0.10	0.10		
Beryllium (mg/L)				1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)				1	<0.03	<0.03		
Calcium (mg/L)				1	53.4	53.4		
Calcium Hardness (mg/L CaCO ₃)				1	133.0	133.0		
Chloride Dissolved (mg/L)				1	5.7	5.7	(250.0)	
Cobalt (mg/L)				1	<0.0002	<0.0002		
Copper (mg/L)				1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)				1	<0.005	<0.005	(0.100)	
Lithium (mg/L)				1	0.0036	0.0036		
Magnesium (mg/L)				1	15.8	15.8		
Molybdenum (mg/L)				1	0.0007	0.0007		
Nickel (mg/L)				1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.89	0.88 - 0.90	8	0.89	0.88 - 0.94		
Phosphorus (mg/L)				1	0.96	0.96		
Potassium (mg/L)				1	0.8	0.8		
Silicon (mg/L)				1	2.68	2.68		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	7.5	7.5	(200.0)	
Strontium (mg/L)				1	0.468	0.468	7.000	
Sulphate Dissolved (mg/L)				1	67.3	67.3	(500.0)	
Thallium (mg/L)				1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)				1	199.0	199.0		
Vanadium (mg/L)				1	<0.0005	<0.0005		
Zinc (mg/L)				1	<0.005	<0.005	(5.000)	

2.2.11 Kaskitayo Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)				1	1.0	1.0		
Bromoform (µg/L)				1	<0.5	<0.5		
Chlorobenzene (µg/L)				1	<0.5	<0.5		
Chloroform (µg/L)				1	16.3	16.3		
Dibromochloromethane (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)				1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)				1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)				1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)				1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)				1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)				1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)				1	<0.5	<0.5	(15.0)	
Styrene (µg/L)				1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)				1	<0.5	<0.5		
Total Organic Carbon (mg/L)				1	1.6	1.6		
Total Volatile Organics (Non THM) (µg/L)				1	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)				1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)				1	<0.5	<0.5		
Xylene (1,2) (µg/L)				1	<0.5	<0.5		
Xylene (1,4) (µg/L)				1	<0.5	<0.5		
Xylenes total (µg/L)				1	<1.0	<1.0	90.0 (20.0)	

2.2.12 Londonderry Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	0.8	0.8	1	0.8	0.8	(15.0)	10.0
Conductivity (µS/cm)	1	409.0	409.0	1	409.0	409.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.09	0.09	8	0.09	0.08 - 0.10	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0100	
Barium (mg/L)	1	0.065	0.065	1	0.065	0.065	2.000	
Boron (mg/L)	1	0.010	0.010	1	0.010	0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.21	0.21	1	0.21	0.21	1.00	
Chlorine total (mg/L)	4	1.88	1.80 - 1.95	8	1.88	1.80 - 1.95		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.68	0.68	1	0.68	0.68	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.09	0.09	1	0.09	0.09	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.02	0.02	1	0.02	0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	23.2	23.2	1	23.2	23.2	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	

2.2.12 Londonderry Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	1	131.0	131.0	1	131.0	131.0		
Aluminum (mg/L)	1	0.069	0.069	1	0.069	0.069	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	1	0.09	0.09	1	0.09	0.09		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	1	<0.03	<0.03		
Calcium (mg/L)	1	53.0	53.0	1	53.0	53.0		
Calcium Hardness (mg/L CaCO ₃)	1	132.0	132.0	1	132.0	132.0		
Chloride Dissolved (mg/L)	1	7.2	7.2	1	7.2	7.2	(250.0)	
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0038	0.0038	1	0.0038	0.0038		
Magnesium (mg/L)	1	15.9	15.9	1	15.9	15.9		
Molybdenum (mg/L)	1	0.0007	0.0007	1	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.91	0.90 - 0.92	8	0.91	0.90 - 0.92		
Phosphorus (mg/L)	1	0.99	0.99	1	0.99	0.99		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.73	2.73	1	2.73	2.73		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	8.5	8.5	1	8.5	8.5	(200.0)	
Strontium (mg/L)	1	0.448	0.448	1	0.448	0.448	7.000	
Sulphate Dissolved (mg/L)	1	67.8	67.8	1	67.8	67.8	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	1	198.0	198.0	1	198.0	198.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.12 Londonderry Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)	1	1.4	1.4	1	1.4	1.4		
Bromoform (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chloroform (µg/L)	1	21.7	21.7	1	21.7	21.7		
Dibromochloromethane (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	(15.0)	
Styrene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.6	1.6	1	1.6	1.6		
Total Volatile Organics (Non THM) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	90.0 (20.0)	

2.2.13 Millwoods Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	1.0	1.0	1	1.0	1.0	(15.0)	10.0
Conductivity (µS/cm)	1	412.0	412.0	1	412.0	412.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.11	0.09 - 0.14	8	0.10	0.07 - 0.14	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0100	
Barium (mg/L)	1	0.067	0.067	1	0.067	0.067	2.000	
Boron (mg/L)	1	0.010	0.010	1	0.010	0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.15	0.15	1	0.15	0.15	1.00	
Chlorine total (mg/L)	4	1.97	1.92 - 2.01	8	1.98	1.92 - 2.01		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.71	0.71	1	0.71	0.71	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.09	0.09	1	0.09	0.09	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.02	0.02	1	0.02	0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0005	0.0005	1	0.0005	0.0005	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	19.3	19.3	1	19.3	19.3	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	

2.2.13 Millwoods Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	1	128.0	128.0	1	128.0	128.0		
Aluminum (mg/L)	1	0.078	0.078	1	0.078	0.078	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	1	0.09	0.09	1	0.09	0.09		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	1	<0.03	<0.03		
Calcium (mg/L)	1	53.7	53.7	1	53.7	53.7		
Calcium Hardness (mg/L CaCO ₃)	1	134.0	134.0	1	134.0	134.0		
Chloride Dissolved (mg/L)	1	7.7	7.7	1	7.7	7.7	(250.0)	
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0038	0.0038	1	0.0038	0.0038		
Magnesium (mg/L)	1	16.0	16.0	1	16.0	16.0		
Molybdenum (mg/L)	1	0.0007	0.0007	1	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.89	0.86 - 0.90	8	0.89	0.86 - 0.90		
Phosphorus (mg/L)	1	0.97	0.97	1	0.97	0.97		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.71	2.71	1	2.71	2.71		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	8.7	8.7	1	8.7	8.7	(200.0)	
Strontium (mg/L)	1	0.457	0.457	1	0.457	0.457	7.000	
Sulphate Dissolved (mg/L)	1	67.8	67.8	1	67.8	67.8	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	1	200.0	200.0	1	200.0	200.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.13 Millwoods Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)	1	1.0	1.0	1	1.0	1.0		
Bromoform (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chloroform (µg/L)	1	18.3	18.3	1	18.3	18.3		
Dibromochloromethane (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	(15.0)	
Styrene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.7	1.7	1	1.7	1.7		
Total Volatile Organics (Non THM) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	90.0 (20.0)	

2.2.14 North Jasper Place Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)				1	<0.5	<0.5	(15.0)	10.0
Conductivity (µS/cm)				1	398.0	398.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	4	0.10	0.09 - 0.11	8	0.10	0.09 - 0.11	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)				1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)				1	0.0002	0.0002	0.0100	
Barium (mg/L)				1	0.067	0.067	2.000	
Boron (mg/L)				1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)				1	<0.005	<0.005	0.010	
Cadmium (mg/L)				1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)				1	0.11	0.11	1.00	
Chlorine total (mg/L)	4	1.76	1.73 - 1.78	8	1.76	1.72 - 1.82		1.00 - 2.40
Chlorite Dissolved (mg/L)				1	<0.005	<0.005	1.000	
Chromium (mg/L)				1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)				1	0.65	0.65	1.50	0.60 - 0.80
Lead (mg/L)				1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)				1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)				1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)				1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)				1	0.01	0.01	1.00	
Selenium (mg/L)				1	0.0003	0.0003	0.0500	
Uranium (mg/L)				1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)				1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)				1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)				1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)				1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)				1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)				1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)				1	<0.5	<0.5	10.0	
Toluene (µg/L)				1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)				1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)				1	18.6	18.6	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	

2.2.14 North Jasper Place Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)				1	131.0	131.0		
Aluminum (mg/L)				1	0.079	0.079	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)				1	0.13	0.13		
Beryllium (mg/L)				1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)				1	<0.03	<0.03		
Calcium (mg/L)				1	52.9	52.9		
Calcium Hardness (mg/L CaCO ₃)				1	132.0	132.0		
Chloride Dissolved (mg/L)				1	5.8	5.8	(250.0)	
Cobalt (mg/L)				1	<0.0002	<0.0002		
Copper (mg/L)				1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)				1	<0.005	<0.005	(0.100)	
Lithium (mg/L)				1	0.0034	0.0034		
Magnesium (mg/L)				1	16.0	16.0		
Molybdenum (mg/L)				1	0.0007	0.0007		
Nickel (mg/L)				1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.89	0.86 - 0.92	8	0.89	0.86 - 0.92		
Phosphorus (mg/L)				1	0.93	0.93		
Potassium (mg/L)				1	0.8	0.8		
Silicon (mg/L)				1	2.54	2.54		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	7.4	7.4	(200.0)	
Strontium (mg/L)				1	0.482	0.482	7.000	
Sulphate Dissolved (mg/L)				1	66.2	66.2	(500.0)	
Thallium (mg/L)				1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)				1	198.0	198.0		
Vanadium (mg/L)				1	<0.0005	<0.0005		
Zinc (mg/L)				1	<0.005	<0.005	(5.000)	

2.2.14 North Jasper Place Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)				1	1.1	1.1		
Bromoform (µg/L)				1	<0.5	<0.5		
Chlorobenzene (µg/L)				1	<0.5	<0.5		
Chloroform (µg/L)				1	17.3	17.3		
Dibromochloromethane (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)				1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)				1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)				1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)				1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)				1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)				1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)				1	<0.5	<0.5	(15.0)	
Styrene (µg/L)				1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)				1	<0.5	<0.5		
Total Organic Carbon (mg/L)				1	1.4	1.4		
Total Volatile Organics (Non THM) (µg/L)				1	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)				1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)				1	<0.5	<0.5		
Xylene (1,2) (µg/L)				1	<0.5	<0.5		
Xylene (1,4) (µg/L)				1	<0.5	<0.5		
Xylenes total (µg/L)				1	<1.0	<1.0	90.0 (20.0)	

2.2.15 Ormsby Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	1.2	1.2	1	1.2	1.2	(15.0)	10.0
Conductivity (µS/cm)	1	406.0	406.0	1	406.0	406.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.10	0.09 - 0.11	8	0.10	0.09 - 0.11	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0100	
Barium (mg/L)	1	0.066	0.066	1	0.066	0.066	2.000	
Boron (mg/L)	1	0.010	0.010	1	0.010	0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.11	0.11	1	0.11	0.11	1.00	
Chlorine total (mg/L)	4	1.95	1.88 - 2.00	8	1.96	1.88 - 2.00		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.71	0.71	1	0.71	0.71	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.09	0.09	1	0.09	0.09	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.01	0.01	1	0.01	0.01	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	19.1	19.1	1	19.1	19.1	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	

2.2.15 Ormsby Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	1	129.0	129.0	1	129.0	129.0		
Aluminum (mg/L)	1	0.082	0.082	1	0.082	0.082	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	1	0.10	0.10	1	0.10	0.10		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	1	<0.03	<0.03		
Calcium (mg/L)	1	52.8	52.8	1	52.8	52.8		
Calcium Hardness (mg/L CaCO ₃)	1	132.0	132.0	1	132.0	132.0		
Chloride Dissolved (mg/L)	1	6.8	6.8	1	6.8	6.8	(250.0)	
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0038	0.0038	1	0.0038	0.0038		
Magnesium (mg/L)	1	15.9	15.9	1	15.9	15.9		
Molybdenum (mg/L)	1	0.0007	0.0007	1	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.89	0.86 - 0.90	8	0.89	0.86 - 0.92		
Phosphorus (mg/L)	1	0.96	0.96	1	0.96	0.96		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.77	2.77	1	2.77	2.77		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	8.2	8.2	1	8.2	8.2	(200.0)	
Strontium (mg/L)	1	0.452	0.452	1	0.452	0.452	7.000	
Sulphate Dissolved (mg/L)	1	67.5	67.5	1	67.5	67.5	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	1	197.0	197.0	1	197.0	197.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.15 Ormsby Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)	1	1.0	1.0	1	1.0	1.0		
Bromoform (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chloroform (µg/L)	1	18.1	18.1	1	18.1	18.1		
Dibromochloromethane (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	(15.0)	
Styrene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.7	1.7	1	1.7	1.7		
Total Volatile Organics (Non THM) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	90.0 (20.0)	

2.2.16 Papaschase Reservoir 1

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	1.0	1.0	1	1.0	1.0	(15.0)	10.0
Conductivity (µS/cm)	1	399.0	399.0	1	399.0	399.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.14	0.10 - 0.24	8	0.12	0.10 - 0.24	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0100	
Barium (mg/L)	1	0.063	0.063	1	0.063	0.063	2.000	
Boron (mg/L)	1	0.010	0.010	1	0.010	0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.23	0.23	1	0.23	0.23	1.00	
Chlorine total (mg/L)	4	1.80	1.72 - 1.92	8	1.79	1.64 - 1.92		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.74	0.74	1	0.74	0.74	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.10	0.10	1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.01	0.01	1	0.01	0.01	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0005	0.0005	1	0.0005	0.0005	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	21.8	21.8	1	21.8	21.8	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	

2.2.16 Papaschase Reservoir 1

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	1	128.0	128.0	1	128.0	128.0		
Aluminum (mg/L)	1	0.065	0.065	1	0.065	0.065	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	1	0.10	0.10	1	0.10	0.10		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	1	<0.03	<0.03		
Calcium (mg/L)	1	53.0	53.0	1	53.0	53.0		
Calcium Hardness (mg/L CaCO ₃)	1	132.0	132.0	1	132.0	132.0		
Chloride Dissolved (mg/L)	1	6.0	6.0	1	6.0	6.0	(250.0)	
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	0.008	0.008	1	0.008	0.008	(0.100)	
Lithium (mg/L)	1	0.0037	0.0037	1	0.0037	0.0037		
Magnesium (mg/L)	1	15.8	15.8	1	15.8	15.8		
Molybdenum (mg/L)	1	0.0007	0.0007	1	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.89	0.88 - 0.90	8	0.89	0.88 - 0.90		
Phosphorus (mg/L)	1	0.97	0.97	1	0.97	0.97		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.68	2.68	1	2.68	2.68		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	7.6	7.6	1	7.6	7.6	(200.0)	
Strontium (mg/L)	1	0.455	0.455	1	0.455	0.455	7.000	
Sulphate Dissolved (mg/L)	1	67.2	67.2	1	67.2	67.2	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	1	197.0	197.0	1	197.0	197.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.16 Papaschase Reservoir 1

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)	1	1.2	1.2	1	1.2	1.2		
Bromoform (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chloroform (µg/L)	1	20.6	20.6	1	20.6	20.6		
Dibromochloromethane (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	(15.0)	
Styrene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.5	1.5	1	1.5	1.5		
Total Volatile Organics (Non THM) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	90.0 (20.0)	

2.2.17 Papaschase Reservoir 2

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)				1	0.7	0.7	(15.0)	10.0
Conductivity (µS/cm)				1	407.0	407.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	4	0.10	0.09 - 0.12	8	0.10	0.08 - 0.17	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)				1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)				1	<0.0002	<0.0002	0.0100	
Barium (mg/L)				1	0.068	0.068	2.000	
Boron (mg/L)				1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)				1	<0.005	<0.005	0.010	
Cadmium (mg/L)				1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)				1	0.29	0.29	1.00	
Chlorine total (mg/L)	4	1.91	1.89 - 1.95	8	1.91	1.86 - 1.96		1.00 - 2.40
Chlorite Dissolved (mg/L)				1	<0.005	<0.005	1.000	
Chromium (mg/L)				1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)				1	0.76	0.76	1.50	0.60 - 0.80
Lead (mg/L)				1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)				1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)				1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)				1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)				1	0.01	0.01	1.00	
Selenium (mg/L)				1	0.0003	0.0003	0.0500	
Uranium (mg/L)				1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)				1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)				1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)				1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)				1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)				1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)				1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)				1	<0.5	<0.5	10.0	
Toluene (µg/L)				1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)				1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)				1	19.7	19.7	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	

2.2.17 Papaschase Reservoir 2

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO3/L)				1	130.0	130.0		
Aluminum (mg/L)				1	0.068	0.068	2.900 (0.100)	
Ammonia as NH3 (mg/L)				1	0.08	0.08		
Beryllium (mg/L)				1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)				1	<0.03	<0.03		
Calcium (mg/L)				1	52.0	52.0		
Calcium Hardness (mg/L CaCO3)				1	130.0	130.0		
Chloride Dissolved (mg/L)				1	5.5	5.5	(250.0)	
Cobalt (mg/L)				1	<0.0002	<0.0002		
Copper (mg/L)				1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)				1	<0.005	<0.005	(0.100)	
Lithium (mg/L)				1	0.0036	0.0036		
Magnesium (mg/L)				1	15.8	15.8		
Molybdenum (mg/L)				1	0.0007	0.0007		
Nickel (mg/L)				1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.90	0.88 - 0.92	8	0.91	0.88 - 0.92		
Phosphorus (mg/L)				1	0.97	0.97		
Potassium (mg/L)				1	0.8	0.8		
Silicon (mg/L)				1	2.58	2.58		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	7.4	7.4	(200.0)	
Strontium (mg/L)				1	0.482	0.482	7.000	
Sulphate Dissolved (mg/L)				1	67.3	67.3	(500.0)	
Thallium (mg/L)				1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)				1	195.0	195.0		
Vanadium (mg/L)				1	<0.0005	<0.0005		
Zinc (mg/L)				1	<0.005	<0.005	(5.000)	

2.2.17 Papaschase Reservoir 2

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)				1	1.0	1.0		
Bromoform (µg/L)				1	<0.5	<0.5		
Chlorobenzene (µg/L)				1	<0.5	<0.5		
Chloroform (µg/L)				1	18.6	18.6		
Dibromochloromethane (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)				1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)				1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)				1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)				1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)				1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)				1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)				1	<0.5	<0.5	(15.0)	
Styrene (µg/L)				1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)				1	<0.5	<0.5		
Total Organic Carbon (mg/L)				1	1.5	1.5		
Total Volatile Organics (Non THM) (µg/L)				1	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)				1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)				1	<0.5	<0.5		
Xylene (1,2) (µg/L)				1	<0.5	<0.5		
Xylene (1,4) (µg/L)				1	<0.5	<0.5		
Xylenes total (µg/L)				1	<1.0	<1.0	90.0 (20.0)	

2.2.18 Rosslyn Reservoir 1

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	0.8	0.8	1	0.8	0.8	(15.0)	10.0
Conductivity (µS/cm)	1	406.0	406.0	1	406.0	406.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.10	0.09 - 0.11	8	0.10	0.09 - 0.11	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0100	
Barium (mg/L)	1	0.066	0.066	1	0.066	0.066	2.000	
Boron (mg/L)	1	0.010	0.010	1	0.010	0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.18	0.18	1	0.18	0.18	1.00	
Chlorine total (mg/L)	4	1.83	1.77 - 1.86	8	1.83	1.77 - 1.89		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.67	0.67	1	0.67	0.67	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.09	0.09	1	0.09	0.09	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.02	0.02	1	0.02	0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	19.8	19.8	1	19.8	19.8	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	

2.2.18 Rosslyn Reservoir 1

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	1	129.0	129.0	1	129.0	129.0		
Aluminum (mg/L)	1	0.072	0.072	1	0.072	0.072	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	1	0.08	0.08	1	0.08	0.08		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	1	<0.03	<0.03		
Calcium (mg/L)	1	53.5	53.5	1	53.5	53.5		
Calcium Hardness (mg/L CaCO ₃)	1	134.0	134.0	1	134.0	134.0		
Chloride Dissolved (mg/L)	1	7.1	7.1	1	7.1	7.1	(250.0)	
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0037	0.0037	1	0.0037	0.0037		
Magnesium (mg/L)	1	15.9	15.9	1	15.9	15.9		
Molybdenum (mg/L)	1	0.0007	0.0007	1	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.90	0.88 - 0.92	8	0.90	0.88 - 0.92		
Phosphorus (mg/L)	1	0.97	0.97	1	0.97	0.97		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.71	2.71	1	2.71	2.71		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	8.4	8.4	1	8.4	8.4	(200.0)	
Strontium (mg/L)	1	0.459	0.459	1	0.459	0.459	7.000	
Sulphate Dissolved (mg/L)	1	67.7	67.7	1	67.7	67.7	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	1	199.0	199.0	1	199.0	199.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.18 Rosslyn Reservoir 1

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)	1	1.0	1.0	1	1.0	1.0		
Bromoform (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chloroform (µg/L)	1	18.7	18.7	1	18.7	18.7		
Dibromochloromethane (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	(15.0)	
Styrene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.6	1.6	1	1.6	1.6		
Total Volatile Organics (Non THM) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	90.0 (20.0)	

2.2.19 Rosslyn Reservoir 2

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)				1	<0.5	<0.5	(15.0)	10.0
Conductivity (µS/cm)				1	393.0	393.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	4	0.11	0.09 - 0.14	8	0.10	0.08 - 0.14	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)				1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)				1	0.0002	0.0002	0.0100	
Barium (mg/L)				1	0.067	0.067	2.000	
Boron (mg/L)				1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)				1	<0.005	<0.005	0.010	
Cadmium (mg/L)				1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)				1	0.22	0.22	1.00	
Chlorine total (mg/L)	4	1.69	1.66 - 1.73	8	1.69	1.64 - 1.77		1.00 - 2.40
Chlorite Dissolved (mg/L)				1	<0.005	<0.005	1.000	
Chromium (mg/L)				1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)				1	0.68	0.68	1.50	0.60 - 0.80
Lead (mg/L)				1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)				1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)				1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)				1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)				1	0.01	0.01	1.00	
Selenium (mg/L)				1	0.0003	0.0003	0.0500	
Uranium (mg/L)				1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)				1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)				1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)				1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)				1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)				1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)				1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)				1	<0.5	<0.5	10.0	
Toluene (µg/L)				1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)				1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)				1	20.1	20.1	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	

2.2.19 Rosslyn Reservoir 2

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO3/L)				1	127.0	127.0		
Aluminum (mg/L)				1	0.072	0.072	2.900 (0.100)	
Ammonia as NH3 (mg/L)				1	0.12	0.12		
Beryllium (mg/L)				1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)				1	<0.03	<0.03		
Calcium (mg/L)				1	52.2	52.2		
Calcium Hardness (mg/L CaCO3)				1	130.0	130.0		
Chloride Dissolved (mg/L)				1	5.5	5.5	(250.0)	
Cobalt (mg/L)				1	<0.0002	<0.0002		
Copper (mg/L)				1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)				1	<0.005	<0.005	(0.100)	
Lithium (mg/L)				1	0.0034	0.0034		
Magnesium (mg/L)				1	15.8	15.8		
Molybdenum (mg/L)				1	0.0007	0.0007		
Nickel (mg/L)				1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.90	0.88 - 0.92	8	0.91	0.88 - 0.92		
Phosphorus (mg/L)				1	0.95	0.95		
Potassium (mg/L)				1	0.8	0.8		
Silicon (mg/L)				1	2.52	2.52		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	7.2	7.2	(200.0)	
Strontium (mg/L)				1	0.495	0.495	7.000	
Sulphate Dissolved (mg/L)				1	66.3	66.3	(500.0)	
Thallium (mg/L)				1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)				1	196.0	196.0		
Vanadium (mg/L)				1	<0.0005	<0.0005		
Zinc (mg/L)				1	<0.005	<0.005	(5.000)	

2.2.19 Rosslyn Reservoir 2

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)				1	1.0	1.0		
Bromoform (µg/L)				1	<0.5	<0.5		
Chlorobenzene (µg/L)				1	<0.5	<0.5		
Chloroform (µg/L)				1	18.9	18.9		
Dibromochloromethane (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)				1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)				1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)				1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)				1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)				1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)				1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)				1	<0.5	<0.5	(15.0)	
Styrene (µg/L)				1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)				1	<0.5	<0.5		
Total Organic Carbon (mg/L)				1	1.3	1.3		
Total Volatile Organics (Non THM) (µg/L)				1	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)				1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)				1	<0.5	<0.5		
Xylene (1,2) (µg/L)				1	<0.5	<0.5		
Xylene (1,4) (µg/L)				1	<0.5	<0.5		
Xylenes total (µg/L)				1	<1.0	<1.0	90.0 (20.0)	

2.2.20 Thorncliff Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)				1	0.6	0.6	(15.0)	10.0
Conductivity (µS/cm)				1	405.0	405.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	4	0.11	0.10 - 0.11	8	0.13	0.09 - 0.30	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)				1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)				1	0.0002	0.0002	0.0100	
Barium (mg/L)				1	0.068	0.068	2.000	
Boron (mg/L)				1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)				1	<0.005	<0.005	0.010	
Cadmium (mg/L)				1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)				1	0.11	0.11	1.00	
Chlorine total (mg/L)	4	1.82	1.77 - 1.88	8	1.85	1.77 - 1.90		1.00 - 2.40
Chlorite Dissolved (mg/L)				1	<0.005	<0.005	1.000	
Chromium (mg/L)				1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)				1	0.71	0.71	1.50	0.60 - 0.80
Lead (mg/L)				1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)				1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)				1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)				1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)				1	0.01	0.01	1.00	
Selenium (mg/L)				1	0.0003	0.0003	0.0500	
Uranium (mg/L)				1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)				1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)				1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)				1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)				1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)				1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)				1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)				1	<0.5	<0.5	10.0	
Toluene (µg/L)				1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)				1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)				1	18.1	18.1	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	

2.2.20 Thorncliff Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO3/L)				1	129.0	129.0		
Aluminum (mg/L)				1	0.084	0.084	2.900 (0.100)	
Ammonia as NH3 (mg/L)				1	0.12	0.12		
Beryllium (mg/L)				1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)				1	<0.03	<0.03		
Calcium (mg/L)				1	52.8	52.8		
Calcium Hardness (mg/L CaCO3)				1	132.0	132.0		
Chloride Dissolved (mg/L)				1	5.7	5.7	(250.0)	
Cobalt (mg/L)				1	<0.0002	<0.0002		
Copper (mg/L)				1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)				1	<0.005	<0.005	(0.100)	
Lithium (mg/L)				1	0.0035	0.0035		
Magnesium (mg/L)				1	15.9	15.9		
Molybdenum (mg/L)				1	0.0007	0.0007		
Nickel (mg/L)				1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.87	0.86 - 0.90	8	0.88	0.86 - 0.90		
Phosphorus (mg/L)				1	0.94	0.94		
Potassium (mg/L)				1	0.8	0.8		
Silicon (mg/L)				1	2.54	2.54		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	7.4	7.4	(200.0)	
Strontium (mg/L)				1	0.479	0.479	7.000	
Sulphate Dissolved (mg/L)				1	66.4	66.4	(500.0)	
Thallium (mg/L)				1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)				1	197.0	197.0		
Vanadium (mg/L)				1	<0.0005	<0.0005		
Zinc (mg/L)				1	<0.005	<0.005	(5.000)	

2.2.20 Thorncliff Reservoir

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)				1	0.7	0.7		
Bromoform (µg/L)				1	<0.5	<0.5		
Chlorobenzene (µg/L)				1	<0.5	<0.5		
Chloroform (µg/L)				1	17.2	17.2		
Dibromochloromethane (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)				1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)				1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)				1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)				1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)				1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)				1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)				1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)				1	<0.5	<0.5	(15.0)	
Styrene (µg/L)				1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)				1	<0.5	<0.5		
Total Organic Carbon (mg/L)				1	1.5	1.5		
Total Volatile Organics (Non THM) (µg/L)				1	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)				1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)				1	<0.5	<0.5		
Xylene (1,2) (µg/L)				1	<0.5	<0.5		
Xylene (1,4) (µg/L)				1	<0.5	<0.5		
Xylenes total (µg/L)				1	<1.0	<1.0	90.0 (20.0)	

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Microbiologicals						
Coliforms total (MPN/100 mL)	31	191.7	22.8 - 488.4	66	167.6	22.8 - 1119.9
Cryptosporidium (oocysts/100L)	2	3.0	<1.8 - 4.1	4	2.3	<1.8 - 2.3
E. coli (MPN/100 mL)	31	25.2	11.0 - 77.1	66	18.6	1.0 - 159.7
Giardia (cysts/100L)	2	16.0	11.0 - 21.0	4	33.5	11.0 - 69.0
Physical						
Colour (TCU)	55	4.9	3.9 - 6.7	117	5.0	3.8 - 16.9
Conductivity (µS/cm)	8	379.5	361.0 - 404.0	16	379.0	348.0 - 415.0
pH	2	8	8	4	8	8
Total Dissolved Solids (mg/L)	2	219.00	213.00 - 225.00	4	212.25	202.00 - 225.00
Total Suspended Solids (mg/L)	2	2.1	<1.0 - 3.2	4	1.6	<1.0 - 3.2
Turbidity (NTU)	55	1.74	0.68 - 8.81	117	1.58	0.68 - 8.81
Primary Inorganics						
Antimony (mg/L)	2	<0.0005	<0.0005	4	<0.0005	<0.0005
Antimony dissolved (mg/L)	2	<0.0005	<0.0005	4	<0.0005	<0.0005
Arsenic (mg/L)	2	0.0003	0.0002 - 0.0003	4	0.0002	<0.0002 - 0.0003
Arsenic dissolved (mg/L)	2	<0.0002	<0.0002	4	<0.0002	<0.0002
Barium (mg/L)	2	0.063	0.062 - 0.064	4	0.065	0.062 - 0.066
Barium dissolved (mg/L)	2	0.064	0.063 - 0.064	4	0.065	0.063 - 0.066
Boron (mg/L)	2	0.010	0.010	4	0.010	0.009 - 0.010
Boron dissolved (mg/L)	2	0.010	0.010	4	0.010	0.009 - 0.010
Bromate Dissolved (mg/L)	8	<0.005	<0.005	16	<0.005	<0.005
Cadmium (mg/L)	2	<0.00002	<0.00002	4	<0.00002	<0.00002
Cadmium Dissolved (mg/L)	2	<0.00002	<0.00002	4	<0.00002	<0.00002
Chlorate Dissolved (mg/L)	8	<0.01	<0.01	16	<0.01	<0.01
Chlorine total (mg/L)	2	<0.03	<0.03	4	<0.03	<0.03
Chlorite Dissolved (mg/L)	8	<0.005	<0.005	16	<0.005	<0.005
Chromium (mg/L)	2	0.0007	0.0005 - 0.0008	4	0.0004	<0.0002 - 0.0008
Chromium dissolved (mg/L)	2	<0.0002	<0.0002	4	<0.0002	<0.0002
Cyanide (mg/L)	2	<0.002	<0.002	2	<0.002	<0.002
Fluoride (mg/L)	8	0.13	0.12 - 0.13	16	0.13	0.11 - 0.14
Lead (mg/L)	2	<0.0002	<0.0002	4	<0.0002	<0.0002
Lead dissolved (mg/L)	2	<0.0002	<0.0002	4	<0.0002	<0.0002
Manganese (mg/L)	2	0.004	<0.002 - 0.006	4	0.003	<0.002 - 0.006
Manganese dissolved (mg/L)	1	<0.002	<0.002	2	<0.002	<0.002
Mercury (µg/L)	2	<0.0050	<0.0050	4	<0.0050	<0.0050
Mercury dissolved (µg/L)	2	<0.0050	<0.0050	4	<0.0050	<0.0050
Nitrate (as N) dissolved (mg/L)	8	0.09	0.08 - 0.10	16	0.09	0.07 - 0.11
Nitrite (as N) dissolved (mg/L)	8	<0.01	<0.01	16	<0.01	<0.01
Selenium (mg/L)	2	0.0003	0.0003	4	0.0003	0.0002 - 0.0003
Selenium dissolved (mg/L)	2	0.0003	0.0003	4	0.0003	0.0002 - 0.0003
Uranium (mg/L)	2	0.0006	0.0005 - 0.0006	4	0.0006	0.0005 - 0.0006
Uranium dissolved (mg/L)	2	0.0005	0.0005	4	0.0005	0.0005 - 0.0006

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Primary Organics						
2,4-D (µg/L)	2	<0.050	<0.050	2	<0.050	<0.050
2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L)	2	<0.050	<0.050	2	<0.050	<0.050
Atrazine + metabolites (µg/L)	2	<0.10	<0.10	2	<0.10	<0.10
Benzene (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Benzo(a)pyrene (µg/L)	2	<0.005	<0.005	2	<0.005	<0.005
Bromoxynil (µg/L)	2	<0.050	<0.050	2	<0.050	<0.050
Carbon Tetrachloride (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Chlorpyrifos (µg/L)	2	<0.10	<0.10	2	<0.10	<0.10
Cyanazine (µg/L)	2	<0.100	<0.100	2	<0.100	<0.100
Dicamba (µg/L)	2	<0.10	<0.10	2	<0.10	<0.10
Dichlorobenzene (1,4) (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Dichloroethane (1,2) (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Dichlorophenol (2,4) (µg/L)	2	<0.20	<0.20	2	<0.20	<0.20
Dimethoate (µg/L)	2	<0.050	<0.050	2	<0.050	<0.050
Diquat (µg/L)	2	<1.0	<1.0	2	<1.0	<1.0
Ethylbenzene (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Glyphosate (µg/L)	2	<1.00	<1.00	2	<1.00	<1.00
Malathion (µg/L)	2	<0.0250	<0.0250	2	<0.0250	<0.0250
Manganese dissolved (mg/L)	1	<0.002	<0.002	2	<0.002	<0.002
Methylene Chloride (Dichloromethane) (µg/L)	55	<0.5	<0.5	117	<1.00	<0.5 - <1.00
Metribuzin (µg/L)	2	<0.100	<0.100	2	<0.100	<0.100
Microcystin total (µg/L)	2	<0.15	<0.15	2	<0.15	<0.15
Nitrilotriacetic acid (NTA) (mg/L)	2	<0.4	<0.4	2	<0.4	<0.4
Omethoate (µg/L)	2	<0.050	<0.050	2	<0.050	<0.050
Omethoate (as dimethoate) (µg/L)	2	<0.16	<0.16	2	<0.16	<0.16
Pentachlorophenol (µg/L)	2	<0.50	<0.50	2	<0.50	<0.50
Tetrachloroethylene (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Toluene (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Trichloroethylene (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Trichlorophenol (2,4,6) (µg/L)	2	<0.20	<0.20	2	<0.20	<0.20
Trihalomethanes (µg/L)	55	<1.0	<1.0	117	<1.0	<1.0
Vinyl Chloride (µg/L)	55	<1.0	<1.0	117	<1.0	<0.50 - <1.0

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Secondary Organics						
Bromodichloromethane (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Bromoform (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Chlorobenzene (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Chloroform (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Dibromochloromethane (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Dichlorobenzene (1,2) (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Dichlorobenzene (1,3) (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Dichloroethylene (1,1) (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Dichloroethylene cis (1,2) (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Dichloroethylene trans (1,2) (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Dichloropropane (1,2) (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Methyl Isobutyl Ketone (MIBK) (µg/L)	55	<1.0	<1.0	117	<20	<1.0 - <20
Methyl t-Butyl Ether (MTBE) (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Styrene (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Tetrachloroethane (1,1,2,2) (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Total Organic Carbon (mg/L)	8	1.7	1.4 - 2.1	16	1.7	1.4 - 2.1
Total Volatile Organics (Non THM) (µg/L)	55	<1.0	<1.0	113	1.0	<1.0 - 1.1
Trichlorobenzene (1,2,4) (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Trichloroethane (1,1,1) (µg/L)	55	<0.5	<0.5	117	<0.50	<0.5 - <0.50
Xylene (1,2) (µg/L)	55	<0.5	<0.5	117	<0.5	<0.30 - <0.5
Xylene (1,4) (µg/L)	55	<0.5	<0.5	117	<0.5	<0.40 - <0.5
Xylenes total (µg/L)	55	<1.0	<1.0	117	<1.0	<0.50 - <1.0

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Secondary Inorganics						
Alkalinity phenolphthalein (mg CaCO ₃ /L)	2	<3	<3	4	<3	<3
Alkalinity total (mg CaCO ₃ /L)	8	131.0	123.0 - 142.0	16	130.2	123.0 - 142.0
Aluminum (mg/L)	2	0.108	0.052 - 0.163	4	0.086	0.052 - 0.163
Ammonia as NH ₃ (mg/L)	25	<0.05	<0.05	53	0.05	<0.05 - 0.05
Beryllium (mg/L)	2	<0.0002	<0.0002	4	<0.0002	<0.0002
Bromide Dissolved (mg/L)	8	<0.03	<0.03	16	0.03	<0.03
Calcium (mg/L)	2	50.9	50.4 - 51.3	4	50.7	50.2 - 51.3
Calcium Hardness (mg/L CaCO ₃)	8	127.1	121.0 - 138.0	16	125.3	118.0 - 138.0
Chloride Dissolved (mg/L)	8	1.9	0.6 - 5.3	16	2.0	0.5 - 12.2
Cobalt (mg/L)	2	<0.0002	<0.0002	4	<0.0002	<0.0002
Copper (mg/L)	2	0.024	<0.002 - 0.046	4	0.013	<0.002 - 0.046
Iron (mg/L)	2	0.116	0.055 - 0.177	4	0.085	0.042 - 0.177
Lithium (mg/L)	2	0.0037	0.0036 - 0.0038	4	0.0036	0.0034 - 0.0038
Magnesium (mg/L)	2	15.5	15.2 - 15.7	4	15.4	15.2 - 15.7
Molybdenum (mg/L)	2	0.0007	0.0007	4	0.0007	0.0006 - 0.0007
Nickel (mg/L)	2	0.0007	0.0006 - 0.0007	4	0.0006	<0.0005 - 0.0007
Nitrogen Total Kjeldahl (TKN) (mg/L N)	2	0.2	0.1 - 0.2	4	0.1	0.1 - 0.2
Phosphate Ortho (as P) (mg/L as P)	2	0.02	0.02	4	0.02	0.02 - 0.03
Phosphorus (mg/L)	2	0.03	0.03	4	0.03	<0.02 - 0.03
Potassium (mg/L)	2	0.8	0.7 - 0.8	4	0.8	0.7 - 0.8
Silicon (mg/L)	2	2.29	2.17 - 2.41	4	2.29	2.17 - 2.41
Silver (mg/L)	2	0.00009	<0.00002 - 0.00016	4	0.00006	<0.00002 - 0.00016
Sodium (mg/L)	2	5.3	4.0 - 6.6	4	4.3	3.3 - 6.6
Strontium (mg/L)	2	0.462	0.457 - 0.467	4	0.466	0.457 - 0.472
Sulphate Dissolved (mg/L)	8	63.5	60.6 - 69.3	16	61.9	58.2 - 69.3
Sulphide (mg/L)	2	<0.0015	<0.0015	2	<0.0015	<0.0015
Thallium (mg/L)	2	<0.0002	<0.0002	4	<0.0002	<0.0002
Total Hardness (mg/L CaCO ₃)	8	188.0	179.0 - 204.0	16	185.8	178.0 - 204.0
Vanadium (mg/L)	2	0.0006	<0.0005 - 0.0006	4	0.0005	<0.0005 - 0.0006
Zinc (mg/L)	2	<0.005	<0.005	4	<0.005	<0.005

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

February 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Secondary Inorganics						
Aluminum dissolved (mg/L)	2	<0.005	<0.005	4	0.007	<0.005 - 0.011
Beryllium dissolved (mg/L)	2	<0.0002	<0.0002	4	<0.0002	<0.0002
Calcium dissolved (mg/L)	2	51.4	51.1 - 51.6	4	51.0	50.3 - 51.6
Cobalt dissolved (mg/L)	2	<0.0002	<0.0002	4	<0.0002	<0.0002
Copper dissolved (mg/L)	2	0.003	<0.002 - 0.003	4	0.002	<0.002 - 0.003
Iron dissolved (mg/L)	2	<0.005	<0.005	4	<0.005	<0.005
Lithium dissolved (mg/L)	2	0.0037	0.0035 - 0.0038	4	0.0036	0.0034 - 0.0038
Magnesium dissolved (mg/L)	2	15.4	15.4	4	15.3	15.2 - 15.4
Molybdenum dissolved (mg/L)	2	0.0007	0.0007	4	0.0007	0.0006 - 0.0007
Nickel dissolved (mg/L)	2	<0.0005	<0.0005	4	<0.0005	<0.0005
Phosphorus dissolved (mg/L)	2	<0.02	<0.02	4	<0.02	<0.02
Potassium dissolved (mg/L)	2	0.8	0.7 - 0.8	4	0.8	0.7 - 0.8
Silicon dissolved (mg/L)	2	2.18	2.11 - 2.24	4	2.19	2.11 - 2.24
Silver dissolved (mg/L)	2	<0.00002	<0.00002	4	<0.00002	<0.00002
Sodium dissolved (mg/L)	2	5.3	3.9 - 6.7	4	4.4	3.3 - 6.7
Strontium dissolved (mg/L)	2	0.461	0.458 - 0.463	4	0.465	0.458 - 0.473
Thallium dissolved (mg/L)	2	<0.0002	<0.0002	4	<0.0002	<0.0002
Titanium dissolved (mg/L)	2	<0.0005	<0.0005	4	<0.0005	<0.0005
Vanadium Dissolved (mg/L)	2	<0.0005	<0.0005	4	<0.0005	<0.0005
Zinc dissolved (mg/L)	2	<0.005	<0.005	4	<0.005	<0.005