EDMONTON WATERWORKS MONTHLY REPORT

March 2026

PROVIDING MORE EPCOR

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2.0 WATER QUALITY

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 March, Rossdale Plant had 1 planned shutdown and 1 bypasses.

Date	Type	Bypass Description
Mar 6	Unplanned	1.5 hrs Power bump
Mar 10	Planned	38.5 hrs - Plant was shut down for planned maintenance and project work from Mar 10 @ 1600 hrs to 630 hrs Mar 12.

In March, E.L. Smith Plant had 0 planned shutdowns and 0 bypasses.

Date	Type	Bypass Description

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

Chemical Dosing Highlights

In March, Rossdale 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 – March 2026

EPCOR Incident Number	Description	Date of Incident	AEPA Reference Number
20260312-434595-v1	About 62 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. The lab results for tested water quality parameters were acceptable.	March 12, 2026	450984
ENV-20260312-106564-v1	About 127 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. The lab results for tested water quality parameters were acceptable.	March 12, 2026	450958
ENV-20260315-696723-v1	About 93 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. The lab results for tested water quality parameters were acceptable.	March 15, 2026	451042
ENV-20260318-625876-v1	About 6 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. The lab results for tested water quality parameters were acceptable.	March 18, 2026	451175
ENV-20260322-913668-v1	About 1 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	March 22, 2026	451300

	water. The leak was isolated until the repair was completed. The lab results for tested water quality parameters were acceptable.		
ENV-20260323-589310-v1	About 45 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. The lab results for tested water quality parameters were acceptable.	March 23, 2026	451322

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

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, Distribution Maintenance

Manager, Dist. Maint Schedule

Title	Alberta Environment Certification Level
Water Network Operator	WD IV WWC I
Water Network Operator	WD IV
Foreman III	WD III
Foreman III	WD III
Foreman III	WD III
Foreman III	WD III
Foreman III	WD III
Foreman I	WD III WWC I
Foreman I	WD III
Foreman I	WD IV
Foreman I	WD II
Foreman I	WD II
Foreman I	WD II
Foreman I	WD II
Foreman I	WD II
Foreman I	WD II
Foreman I	WD III
Foreman I	WD II
Foreman I	WD II
Foreman I	WD II
Foreman I	WD II
Equipment Operator III	WD II
Equipment Operator III	WD I
Equipment Operator III	WD II
Equipment Operator III	WD I
Equipment Operator III	WD II
Equipment Operator III	WD I
Equipment Operator III	WD I
Equipment Operator III	WD II
Equipment Operator III	WD II
Equipment Operator III	WD II
Equipment Operator III	WD II
Equipment Operator III	WD II
Labourer II	WD II
Labourer II	WD I
Labourer II	WD I
Labourer II	WD I
Labourer II	WD I
Labourer II	WD I
Labourer III	WD III
Labourer II	WD I

Labourer III	WD I
Labourer II	WD I
Labourer II	WD I
Labourer II	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
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) - SYSTEMS MAINTENANCE

Senior Manager, Distribution Operations	
Manager, Field Operations	
Manager, Metering and Preventative Maintenance	**WD I**
Manager, Water Trouble	**WD III**
Title	Alberta Environment Certification Level
Foreman III	WD IV, WWC I
Foreman III	WD IV
Foreman I	WD II
Foreman I	WD II
Labourer III	WD II
Labourer III	WD I
Labourer III	WD I
Labourer III	WD II
Labourer III	WD I
Foreman I	WD I
Labourer II	WD I
Labourer II	WD II
Labourer II	WD I
Foreman I	WD II
Labourer II	WD II
Labourer II	WD I
Labourer III	WD I
Labourer II	WD II WWC I
Labourer II	WD I
Foreman III	WD III
Water Systems Serviceman	WD II
Water Systems Serviceman	WD II
Water Systems Serviceman	WD II
Water Systems Serviceman	WD II
Water Systems Serviceman	WD II
Water Systems Serviceman	WD III
Water Systems Serviceman	WD II
Water Systems Serviceman	WD III
Water Systems Serviceman	WD II
Water Systems Serviceman	WD II
Water Systems Serviceman	WD II
Water Systems Serviceman	WD II
Water Systems Serviceman	WD II

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)

March 2026

Day	Rossdale			E.L. Smith	Plants Combined Total
	Plant 1	Plant 2	Plant Total	Plant Total	
1	60	100	160	301	461
2	60	101	161	296	457
3	60	100	160	268	428
4	56	95	151	261	412
5	50	90	140	260	400
6	51	91	141	267	409
7	60	100	160	301	461
8	60	100	160	286	446
9	54	94	148	281	429
10	34	60	94	295	389
11	16	7.5	24	301	324
12	60	103	163	302	465
13	70	130	200	304	504
14	64	124	188	276	465
15	60	105	165	270	435
16	60	100	160	291	451
17	58	93	151	294	445
18	55	89	144	287	431
19	53	89	143	267	409
20	51	81	132	261	393
21	58	78	137	273	410
22	60	80	140	281	421
23	60	87	147	281	428
24	60	90	150	281	431
25	58	94	152	281	433
26	60	100	160	281	441
27	60	100	160	274	434
28	60	93	153	265	418
29	60	90	150	260	410
30	60	96	156	261	416
31	60	100	160	272	432
Monthly Total	1,748	2,861	4,609	8,678	13,287
Monthly Min	16	7.5	24	260	
Monthly Max	70	130	200	304	
Monthly Avg	56	92	149	280	429

NOTES: ' -- ' indicates plant offline

1.2.2 Treated Water Production (ML)

March 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	87	200	143	212	310	277	420	68.5
2	64	208	144	208	310	271	415	72.4
3	26	207	143	174	303	245	388	75.9
4	63	203	135	208	284	235	370	75.8
5	58	205	124	211	288	238	361	77.6
6	0.0	202	116	208	296	239	355	73.9
7	57	206	146	210	299	274	420	73.5
8	82	205	134	236	292	248	382	79.3
9	80	207	132	206	305	251	383	79.7
10	0.0	204	82	265	307	266	348	79.8
11	0.0	--	0.0	238	305	271	270	69.1
12	0.0	206	119	237	300	272	391	51.1
13	159	207	188	212	314	273	461	63.1
14	113	204	172	210	307	241	412	73.5
15	79	203	151	207	301	234	385	78.6
16	68	202	144	211	300	252	396	75.4
17	58	189	136	210	302	259	396	80.2
18	71	203	131	173	301	250	382	81.8
19	52	205	126	205	293	216	342	79.8
20	38	202	114	210	302	236	351	74.4
21	64	202	117	209	279	243	360	70.2
22	73	201	119	211	303	256	375	69.7
23	75	205	128	207	307	254	382	67.1
24	73	204	128	205	305	248	376	67.6
25	84	189	132	207	297	249	381	68.1
26	81	199	137	207	303	256	393	69.3
27	81	201	140	205	304	251	392	71.6
28	66	201	136	205	304	243	379	73.7
29	31	200	136	207	306	240	376	72.5
30	57	198	139	208	305	241	380	70.8
31	116	201	149	212	308	249	398	72.7
Monthly Total			4,041			7,780	11,819	
Monthly Min	0.0			173				
Monthly Max		208			314			
Monthly Avg			130			251	381	

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

March 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	1.9	2.4	2.1	8.0	8.0	8.0	4.0	4.4	4.2		2.1	2.9	2.5	7.8	8.0	7.9	4.3	5.8	4.6	
2	2.4	3.4	3.0	8.0	8.1	8.0	3.8	4.0	4.0		2.1	4.1	2.9	8.0	8.0	8.0	4.0	5.0	4.2	
3	2.5	3.0	2.7	8.0	8.1	8.0	3.8	4.9	4.4		2.2	4.1	2.7	8.0	8.0	8.0	4.4	4.9	4.6	
4	1.9	2.6	2.3	8.0	8.0	8.0	4.2	5.5	4.9		1.9	3.1	2.4	7.9	8.0	8.0	3.0	5.2	4.7	
5	1.9	3.7	2.9	8.0	8.0	8.0	4.6	4.9	4.8		2.3	4.2	3.0	7.9	8.0	8.0	3.0	5.5	5.1	
6	2.9	11	4.7	8.0	8.1	8.1	4.7	5.1	4.9		2.8	9.8	5.7	8.0	8.0	8.0	5.0	6.2	5.5	
7	5.0	31	11	8.1	8.1	8.1	4.8	9.6	5.2		2.5	6.7	3.7	7.9	8.0	8.0	4.7	7.3	5.7	
8	4.5	27	9.3	8.1	8.1	8.1	5.6	9.6	6.7		2.7	4.0	3.2	7.9	8.0	8.0	4.7	5.5	5.3	
9	2.5	5.9	5.0	8.0	8.1	8.0	4.6	7.4	5.9		2.5	5.1	3.5	7.9	8.0	8.0	4.2	5.3	4.8	
10	2.5	3.2	2.9	8.0	8.0	8.0	4.5	4.6	4.5		2.3	5.1	3.2	7.9	8.0	8.0	3.9	4.3	4.1	
11	3.2	3.4	3.3	8.0	8.0	8.0	3.2	4.5	4.0		3.6	8.4	5.4	8.0	8.0	8.0	4.0	6.6	4.8	
12	2.6	5.1	4.2	8.0	8.1	8.1	3.2	5.7	4.6		2.8	5.0	3.6	8.0	8.0	8.0	5.6	6.8	6.0	
13	1.8	2.6	2.4	8.0	8.1	8.0	5.5	5.8	5.7		1.9	2.9	2.3	7.9	8.0	8.0	4.6	6.9	5.5	
14	1.8	2.7	2.3	8.0	8.0	8.0	4.2	5.5	4.9		2.1	2.9	2.4	7.8	7.9	7.9	3.8	6.9	4.5	
15	1.8	2.8	2.4	8.0	8.1	8.0	4.2	4.4	4.3		1.9	2.6	2.3	7.9	8.0	7.9	3.0	4.5	3.9	
16	1.8	2.5	2.1	8.0	8.1	8.0	4.2	4.5	4.4		1.9	3.7	2.4	7.9	8.0	8.0	3.9	4.3	4.2	
17	1.8	19	7.9	7.9	8.1	8.0	4.3	9.8	5.2		2.3	4.3	2.9	7.9	8.0	7.9	3.8	4.1	4.0	
18	5.9	19	8.9	7.9	8.1	8.0	5.6	9.8	7.5		2.7	9.4	4.2	7.9	8.0	7.9	3.0	6.9	4.2	
19	12	70	37	7.9	8.0	8.0	9.2	38.5	21.1		9.4	60	30	7.9	8.0	7.9	6.9	44.2	26.1	
20	55	75	65	7.9	7.9	7.9	38.5	51.5	46.8		34	50	45	7.7	7.9	7.7	42.5	48.2	44.9	
21	30	55	39	7.8	7.9	7.9	42.8	54.7	49.7		20	34	24	7.8	7.8	7.8	39.6	44.9	41.4	
22	16	30	23	7.9	7.9	7.9	43.9	47.0	45.3		12	22	17	7.5	7.8	7.7	37.5	42.8	40.8	
23	11	16	14	7.9	7.9	7.9	31.4	43.9	37.0		8.1	12	9.5	7.5	8.0	7.8	27.0	37.5	32.1	
24	6.6	13	11	7.9	7.9	7.9	25.2	34.0	28.4		5.4	12	7.7	7.6	8.0	7.7	23.2	27.0	24.9	
25	4.5	8.4	6.6	7.9	7.9	7.9	17.7	26.5	22.9		3.8	5.4	4.6	7.6	7.7	7.7	18.1	24.5	20.3	
26	3.5	6.3	4.3	7.9	8.0	7.9	15.4	20.4	17.6		3.3	4.7	3.8	7.7	7.7	7.7	14.0	18.3	15.9	
27	3.2	3.7	3.4	7.9	8.0	8.0	11.2	15.8	13.6		3.0	5.9	3.8	7.7	7.9	7.8	10.2	14.0	11.7	
28	3.7	6.4	4.9	7.9	8.0	8.0	9.4	11.7	10.5		3.5	9.2	6.0	7.9	7.9	7.9	8.6	11.7	10.0	
29	5.5	7.2	6.4	8.0	8.1	8.0	7.8	9.9	8.8		4.6	9.3	6.3	7.8	7.9	7.9	8.1	9.5	8.5	
30	5.3	6.0	5.6	8.1	8.1	8.1	8.1	9.1	8.6		4.2	6.0	4.9	7.8	7.9	7.5	7.4	9.5	8.3	
31	3.8	5.4	4.4	8.0	8.1	8.0	6.9	8.3	8.0		3.5	6.2	4.8	7.8	7.9	7.9	6.5	7.6	7.0	
Monthly Min/Max/Avg	1.8	75	9.7	7.8	8.1	8.0	3.2	54.7	13.2		1.9	60	7.2	7.5	8.0	7.9	3.0	48.2	12.2	

NOTES: ' -- ' indicates plant offline

1.2.4 Treated Water Quality Entering the Distribution System

March 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	0.03	0.06	0.05	1.96	2.11	2.04	7.8	7.9	7.9	0.73	0.73	0.73	201	0.8	0.06	0.07	0.07	1.96	2.02	1.98	7.6	7.6	7.6	0.77	0.78	0.78	196	1.0
2	0.05	0.06	0.06	1.86	2.06	2.00	7.8	7.9	7.9	0.72	0.73	0.73	189	0.9	0.06	0.07	0.07	1.96	2.02	1.98	7.6	7.6	7.6	0.76	0.78	0.77	192	0.9
3	0.05	0.08	0.06	1.86	2.06	1.95	7.8	7.9	7.9	0.72	0.74	0.73	188	1.2	0.06	0.07	0.06	1.93	1.98	1.95	7.6	7.6	7.6	0.76	0.77	0.76	187	1.0
4	0.06	0.08	0.07	1.86	2.06	1.95	7.8	7.9	7.9	0.73	0.74	0.74	192	1.0	0.06	0.06	0.06	1.93	1.98	1.93	7.6	7.6	7.6	0.76	0.79	0.78	198	1.1
5	0.06	0.08	0.06	1.96	2.06	2.02	7.8	7.9	7.9	0.74	0.75	0.74	198	0.7	0.06	0.07	0.06	1.91	1.97	1.93	7.6	7.6	7.6	0.78	0.79	0.78	203	1.1
6	0.04	0.08	0.05	1.96	2.11	2.02	7.7	7.9	7.9	0.73	0.74	0.74	194	0.7	0.06	0.07	0.06	1.93	1.97	1.93	7.6	7.6	7.6	0.79	0.80	0.80	198	1.1
7	0.03	0.07	0.06	1.91	2.01	1.97	7.9	7.9	7.9	0.74	0.74	0.74	203	0.7	0.06	0.07	0.06	1.90	1.97	1.93	7.6	7.6	7.6	0.64	0.70	0.69	203	1.1
8	0.04	0.07	0.06	1.91	2.06	1.98	7.8	7.9	7.8	0.73	0.74	0.74	204	0.8	0.06	0.06	0.06	1.93	1.98	1.93	7.6	7.6	7.6	0.66	0.74	0.71	204	1.1
9	0.05	0.14	0.06	1.96	2.11	2.03	7.8	7.9	7.8	0.71	0.73	0.72	193	1.1	0.06	0.06	0.06	1.93	1.98	1.93	7.6	7.6	7.6	0.68	0.75	0.72	192	1.0
10	0.05	0.09	0.06	1.91	2.06	1.98	7.8	7.9	7.8	0.72	0.72	0.72	193	0.9	0.06	0.08	0.06	1.93	1.98	1.94	7.6	7.6	7.6	0.67	0.73	0.70	190	1.1
11	--	--	--	--	--	--	7.6	7.9	7.8	0.72	0.79	0.72	--	0.9	0.06	0.06	0.06	1.93	1.98	1.94	7.6	7.6	7.6	0.67	0.76	0.71	191	1.3
12	0.06	0.08	0.07	1.86	2.01	1.94	7.7	7.9	7.8	0.68	0.72	0.71	197	0.9	0.06	0.07	0.06	1.91	1.98	1.94	7.6	7.7	7.6	0.64	0.75	0.71	190	1.2
13	0.03	0.07	0.05	1.96	2.11	2.02	7.6	7.7	7.6	0.68	0.70	0.69	189	0.7	0.06	0.06	0.06	1.93	1.98	1.93	7.6	7.6	7.6	0.66	0.71	0.69	184	0.9
14	0.04	0.06	0.05	1.96	2.11	2.06	7.7	7.7	7.7	0.70	0.71	0.71	189	0.4	0.06	0.06	0.06	1.93	1.98	1.95	7.6	7.6	7.6	0.65	0.75	0.70	186	0.7
15	0.03	0.06	0.04	1.96	2.06	2.01	7.7	7.7	7.7	0.71	0.71	0.71	183	0.3	0.06	0.06	0.06	1.93	1.98	1.93	7.6	7.6	7.6	0.66	0.74	0.70	185	0.7
16	0.03	0.07	0.05	1.96	2.11	2.01	7.7	7.7	7.7	0.71	0.72	0.71	179	0.2	0.06	0.06	0.06	1.93	1.98	1.95	7.6	7.6	7.6	0.66	0.74	0.69	182	0.5
17	0.04	0.06	0.05	2.01	2.16	2.10	7.7	7.8	7.7	0.71	0.72	0.72	185	0.4	0.06	0.06	0.06	1.94	2.03	1.99	7.6	7.6	7.6	0.65	0.73	0.70	183	0.4
18	0.04	0.07	0.04	2.01	2.16	2.05	7.7	7.7	7.7	0.71	0.72	0.72	181	0.3	0.06	0.06	0.06	1.97	2.01	1.98	7.6	7.6	7.6	0.66	0.74	0.70	182	0.5
19	0.04	0.16	0.05	1.96	2.16	2.06	7.7	7.7	7.7	0.68	0.71	0.71	180	0.9	0.06	0.07	0.07	1.93	2.02	1.97	7.5	7.6	7.5	0.76	0.81	0.79	181	0.7
20	0.03	0.07	0.05	1.91	2.11	2.01	7.6	7.8	7.7	0.67	0.69	0.68	178	0.7	0.06	0.07	0.06	1.88	1.94	1.91	7.5	7.5	7.5	0.74	0.76	0.76	162	1.1
21	0.04	0.07	0.05	1.96	2.11	2.03	7.7	7.8	7.7	0.68	0.70	0.68	157	0.5	0.06	0.06	0.06	1.89	1.98	1.95	7.5	7.5	7.5	0.75	0.76	0.76	150	0.5
22	0.04	0.07	0.06	1.96	2.11	2.04	7.8	7.8	7.8	0.70	0.72	0.71	146	0.5	0.06	0.06	0.06	1.88	2.01	1.93	7.5	7.6	7.5	0.76	0.76	0.76	157	0.5
23	0.04	0.07	0.06	1.93	2.03	1.99	7.8	7.9	7.8	0.71	0.72	0.71	154	1.1	0.06	0.06	0.06	1.91	1.99	1.95	7.6	7.7	7.6	0.76	0.78	0.77	158	0.5
24	0.05	0.07	0.05	1.91	2.11	2.00	7.9	8.0	7.9	0.70	0.71	0.71	150	0.8	0.06	0.06	0.06	1.88	1.93	1.90	7.7	7.8	7.8	0.76	0.79	0.78	159	1.1
25	0.02	0.06	0.04	1.96	2.11	2.03	7.9	8.0	7.9	0.70	0.72	0.71	164	0.5	0.06	0.06	0.06	1.88	1.96	1.91	7.8	7.9	7.8	0.76	0.79	0.77	166	0.8
26	0.03	0.06	0.04	1.96	2.11	2.04	7.9	8.0	7.9	0.72	0.74	0.73	159	0.3	0.06	0.06	0.06	1.91	1.96	1.93	7.8	7.8	7.8	0.78	0.81	0.79	162	0.9
27	0.02	0.05	0.03	1.96	2.06	2.02	7.9	8.0	7.9	0.73	0.74	0.73	163	0.2	0.06	0.06	0.06	1.93	1.98	1.93	7.8	7.9	7.8	0.78	0.80	0.79	167	0.7
28	0.02	0.04	0.03	1.96	2.11	2.01	7.9	8.2	7.9	0.71	0.74	0.74	170	0.5	0.06	0.06	0.06	1.93	1.97	1.93	7.8	7.9	7.9	0.65	0.71	0.68	174	0.8
29	0.02	0.05	0.03	1.91	2.16	2.03	7.8	7.9	7.9	0.71	0.72	0.71	182	0.4	0.06	0.06	0.06	1.93	1.98	1.93	7.9	7.9	7.9	0.78	0.71	0.66	185	0.8
30	0.03	0.05	0.04	1.91	2.11	2.03	7.9	7.9	7.9	0.72	0.73	0.72	173	0.4	0.06	0.06	0.06	1.93	1.98	1.93	7.9	7.9	7.9	0.66	0.77	0.71	177	0.7
31	0.03	0.05	0.03	1.96	2.11	2.05	7.9	7.9	7.9	0.71	0.72	0.71	180	0.7	0.06	0.06	0.06	1.93	1.99	1.96	7.9	7.9	7.9	0.67	0.73	0.70	181	0.7
Monthly Min/Max/ Avg	0.02	0.16	0.05	1.86	2.16	2.01	7.6	8.2	7.8	0.67	0.79	0.72	180	0.7	0.06	0.08	0.06	1.88	2.03	1.94	7.5	7.9	7.6	0.64	0.81	0.74	181	0.8

NOTES: ' -- ' indicates plant offline

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

March 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	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	1	11	3	1	14	1	3	14	7	1	3	1	1	2	1	1	21	6	1	2	1	1	4	1	1	23	2
2	3	25	6	1	1	1	1	22	2	1	27	8	4	38	7	1	2	1	1	25	5	1	3	1	1	5	1
3	1	6	3	1	1	1	1	2	1	1	16	2	3	8	5	1	2	1	1	20	2	1	23	2	1	14	3
4	1	20	2	1	10	1	1	17	2	1	24	1	--	--	--	--	--	--	1	2	1	1	2	1	1	3	1
5	1	5	3	1	2	1	1	2	1	--	--	--	1	19	4	1	17	2	1	16	2	1	1	1	1	1	1
6	1	21	2	1	4	1	1	13	1	1	12	2	1	3	2	1	20	1	1	4	2	1	28	3	2	16	4
7	1	6	3	1	3	1	1	8	2	1	2	1	--	--	--	2	14	4	3	15	6	1	3	1	1	18	4
8	1	3	2	1	17	2	1	11	2	2	17	4	2	20	5	1	22	3	1	18	4	1	22	3	1	18	7
9	--	--	--	1	3	1	1	14	2	1	12	3	1	4	2	1	17	2	1	17	5	1	3	1	1	16	2
10	1	7	3	1	1	1	1	1	1	1	6	2	2	17	6	1	3	1	1	15	3	1	1	1	1	2	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	20	5	1	6	1	1	22	3	1	12	2	1	22	3	1	19	2	1	6	2	1	14	2	--	--	--
13	1	20	2	1	1	1	1	15	1	1	1	1	1	8	1	1	2	1	1	19	2	1	2	1	1	22	1
14	1	2	1	1	19	1	1	5	1	1	9	1	1	18	1	1	14	1	1	7	1	1	18	1	1	49	1
15	1	2	1	1	9	1	1	1	1	1	16	1	1	2	1	1	1	1	1	2	1	1	22	4	1	35	1
16	1	1	1	1	12	1	1	13	2	1	1	1	1	2	1	1	23	1	1	1	1	1	3	1	1	22	1
17	1	42	2	1	13	2	1	15	1	1	4	1	1	1	1	1	17	1	3	12	6	1	32	1	1	11	1
18	1	3	1	1	3	1	1	2	1	1	22	3	1	23	4	1	13	1	1	13	2	1	12	1	1	1	1
19	1	36	3	1	43	3	1	2	1	1	22	3	2	8	4	1	18	2	1	22	3	--	--	--	1	17	3
20	--	--	--	1	6	2	2	16	6	1	23	3	1	12	3	1	3	2	1	5	2	--	--	--	2	18	3
21	5	35	9	3	26	6	2	33	4	1	16	5	2	5	3	1	3	2	--	--	--	3	30	6	2	5	4
22	3	8	5	2	5	3	1	20	3	--	--	--	7	30	11	1	3	2	3	30	6	2	6	4	2	5	3
23	2	8	4	1	5	3	1	3	2	2	26	5	3	12	8	3	24	8	2	7	4	2	7	4	--	--	--
24	1	3	2	1	2	1	1	38	3	1	3	1	1	5	2	1	5	2	1	4	1	6	23	12	1	26	2
25	2	24	4	--	--	--	1	2	1	1	2	1	1	4	1	1	2	1	1	1	1	1	7	1	1	2	1
26	1	3	1	1	9	1	1	1	1	1	4	1	1	40	6	1	24	1	1	1	1	1	2	1	1	4	1
27	1	2	1	1	1	1	--	--	--	1	12	1	1	5	2	1	4	1	1	14	2	1	1	1	1	1	1
28	1	1	1	1	2	1	1	4	2	1	1	1	1	39	1	1	2	1	1	1	1	--	--	--	1	5	3
29	1	4	2	--	--	--	1	2	1	1	2	1	1	1	1	1	2	1	1	6	1	1	13	2	1	2	1
30	1	23	1	1	27	1	1	1	2	1	24	1	2	20	4	--	--	--	1	1	1	1	1	1	1	1	1
31	1	2	1	1	1	1	1	11	3	1	11	3	1	3	2	1	16	2	--	--	--	1	3	1	1	1	1
Monthly Min/Max/Avg	1	42	3	1	43	1	1	38	2	1	27	2	1	40	3	1	24	2	1	30	2	1	32	2	1	49	2

NOTE: ' -- ' indicates filter offline

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

March 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	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	1	15	1	1	3	1	1	2	1	1	15	1	1	2	1	--	--	--	3	25	8	1	27	2	1	22	2
2	1	9	1	1	20	1	1	17	1	1	13	1	1	12	1	--	--	--	3	26	7	1	26	2	1	24	3
3	1	14	2	1	13	1	1	15	1	1	2	1	1	11	1	--	--	--	3	8	5	1	3	2	1	7	3
4	1	7	2	1	20	1	1	3	2	1	14	1	1	12	1	--	--	--	4	28	6	1	29	3	1	29	3
5	1	3	2	1	13	1	1	13	2	1	9	1	1	4	2	--	--	--	3	27	7	1	27	2	1	25	2
6	1	9	2	1	14	2	1	12	2	1	9	2	1	9	2	--	--	--	3	28	7	1	29	3	1	27	2
7	1	13	2	1	20	2	1	14	2	1	14	2	1	13	2	--	--	--	4	27	7	1	35	3	1	27	2
8	1	9	2	1	13	1	1	11	1	1	10	1	1	9	1	--	--	--	3	28	6	1	5	2	1	28	1
9	1	2	1	1	18	1	1	13	2	1	9	1	1	8	1	--	--	--	3	25	6	1	31	2	1	29	1
10	--	--	--	1	15	1	1	14	2	1	10	1	1	8	1	--	--	--	3	22	6	1	25	2	1	28	2
11	2	6	4	1	17	2	1	18	2	1	13	2	1	12	2	--	--	--	4	22	6	1	28	3	1	27	2
12	1	17	2	1	22	2	1	21	2	1	18	2	1	14	2	--	--	--	3	28	7	1	25	3	1	29	2
13	1	24	1	1	22	1	1	19	1	1	20	1	1	19	1	--	--	--	3	26	5	1	30	2	1	24	1
14	1	2	1	1	19	1	1	17	1	1	21	1	1	20	1	--	--	--	3	27	6	1	29	2	1	28	1
15	--	--	--	1	22	1	1	20	1	1	15	1	1	16	2	--	--	--	3	30	6	1	29	2	1	25	2
16	1	16	1	1	24	1	1	23	2	1	27	1	1	16	1	--	--	--	3	29	6	1	30	2	1	31	1
17	1	20	1	1	25	1	1	20	1	1	19	1	1	20	1	--	--	--	3	26	5	1	25	1	1	24	2
18	1	18	1	1	21	1	1	21	1	1	18	1	1	19	1	--	--	--	3	27	6	1	27	2	1	27	1
19	1	18	4	1	8	3	1	18	4	1	8	2	1	10	3	--	--	--	4	23	9	1	17	5	1	26	5
20	1	15	4	1	7	1	1	18	2	1	19	2	1	18	3	--	--	--	3	31	10	1	25	2	1	16	2
21	1	8	4	1	26	3	1	24	4	1	5	3	1	9	4	--	--	--	6	30	10	1	20	8	1	16	4
22	1	18	3	1	18	2	1	43	3	1	19	3	1	20	3	--	--	--	5	17	9	1	30	5	1	31	3
23	1	19	4	1	21	3	1	27	4	1	25	3	1	21	3	--	--	--	4	30	10	1	20	2	1	5	2
24	1	18	2	1	5	1	1	25	2	1	17	2	1	19	2	--	--	--	4	33	8	1	20	5	1	28	4
25	1	17	1	1	19	1	1	29	2	1	7	1	1	18	1	--	--	--	2	23	5	1	28	2	1	27	2
26	1	1	1	1	17	2	1	22	2	1	17	2	1	9	2	--	--	--	3	7	4	1	27	2	1	25	2
27	1	22	2	1	4	1	1	21	1	1	22	1	1	19	2	--	--	--	3	24	6	1	3	1	1	22	2
28	1	2	1	1	19	2	1	6	2	1	3	1	1	3	1	--	--	--	3	34	8	1	29	4	1	26	2
29	3	25	6	1	9	1	1	32	4	1	2	1	1	28	4	--	--	--	6	10	7	1	30	4	2	5	3
30	1	25	3	1	21	2	1	7	2	1	25	3	1	4	1	--	--	--	6	27	10	1	8	4	1	26	3
31	1	7	2	1	2	1	1	28	3	1	2	1	1	24	3	--	--	--	4	9	6	1	28	4	1	4	2
Monthly Min/Max/Avg	1	25	2	1	26	2	1	43	2	1	27	2	1	28	2	--	--	--	2	34	7	1	35	3	1	31	2

NOTES: ' -- ' indicates filter offline

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

March 2026

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

NOTES: ' -- ' indicates filter offline

1.2.8 Rossdale Filters 1 - 9 Turbidity (NTU)

March 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	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	0.02	0.05	0.02	0.03	0.08	0.04	0.01	0.03	0.01	0.01	0.03	0.02	0.02	0.03	0.02	0.01	0.06	0.03	0.03	0.04	0.03	0.02	0.03	0.02	0.03	0.07	0.03
2	0.03	0.05	0.04	0.03	0.03	0.03	0.02	0.07	0.03	0.01	0.03	0.01	0.02	0.05	0.04	0.01	0.08	0.02	0.03	0.04	0.03	0.02	0.02	0.02	0.02	0.03	0.02
3	0.02	0.07	0.03	0.02	0.04	0.03	0.01	0.04	0.02	0.01	0.05	0.02	0.02	0.05	0.03	0.01	0.02	0.01	0.03	0.08	0.04	0.02	0.05	0.03	0.02	0.05	0.02
4	0.02	0.05	0.02	0.03	0.06	0.04	0.02	0.05	0.03	0.01	0.02	0.01	--	--	--	--	--	--	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.03	0.02
5	0.02	0.04	0.03	0.03	0.03	0.03	0.01	0.03	0.02	--	--	--	0.03	0.04	0.03	0.02	0.04	0.02	0.03	0.05	0.04	0.02	0.02	0.02	0.01	0.02	0.02
6	0.02	0.07	0.02	0.03	0.05	0.03	0.01	0.04	0.02	0.02	0.03	0.02	0.02	0.04	0.03	0.01	0.02	0.02	0.03	0.04	0.03	0.02	0.05	0.03	0.03	0.05	0.03
7	0.02	0.04	0.03	0.03	0.05	0.03	0.01	0.03	0.02	0.01	0.02	0.01	--	--	--	0.03	0.05	0.03	0.04	0.05	0.05	0.02	0.02	0.02	0.02	0.03	0.02
8	0.02	0.02	0.02	0.03	0.07	0.03	0.01	0.02	0.01	0.02	0.06	0.02	0.02	0.07	0.03	0.01	0.03	0.02	0.03	0.04	0.03	0.02	0.06	0.03	0.02	0.02	0.02
9	--	--	--	0.03	0.04	0.03	0.02	0.04	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	0.02	0.02	0.02	0.05	0.03
10	0.02	0.06	0.03	0.03	0.04	0.03	0.01	0.02	0.02	0.01	0.01	0.01	0.03	0.05	0.03	0.02	0.02	0.02	0.04	0.05	0.04	0.02	0.02	0.02	0.02	0.02	0.02
11	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
12	0.01	0.04	0.02	0.03	0.04	0.03	0.02	0.07	0.03	0.01	0.03	0.02	0.02	0.06	0.03	0.01	0.05	0.02	0.02	0.04	0.03	0.02	0.03	0.02	--	--	--
13	0.01	0.06	0.03	0.03	0.03	0.03	0.01	0.02	0.02	0.01	0.02	0.01	0.02	0.02	0.02	0.01	0.04	0.01	0.02	0.05	0.03	0.01	0.02	0.02	0.02	0.06	0.03
14	0.02	0.02	0.02	0.03	0.05	0.03	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.04	0.02	0.01	0.01	0.01	0.02	0.04	0.03	0.01	0.01	0.01	0.01	0.02	0.01
15	0.02	0.03	0.02	0.03	0.03	0.03	0.01	0.01	0.01	0.01	0.03	0.01	0.02	0.03	0.02	0.01	0.03	0.01	0.02	0.03	0.02	0.02	0.04	0.02	0.01	0.01	0.01
16	0.02	0.02	0.02	0.02	0.04	0.03	0.02	0.03	0.02	0.01	0.02	0.01	0.02	0.03	0.02	0.01	0.04	0.02	0.02	0.04	0.02	0.02	0.02	0.02	0.02	0.04	0.02
17	0.02	0.04	0.02	0.03	0.04	0.03	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.03	0.02	0.01	0.01	0.01	0.03	0.03	0.03	0.01	0.03	0.01	0.01	0.02	0.01
18	0.02	0.02	0.02	0.02	0.03	0.03	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.04	0.03	0.01	0.03	0.01	0.02	0.03	0.03	0.01	0.02	0.01	0.01	0.02	0.01
19	0.02	0.03	0.02	0.02	0.03	0.02	0.01	0.02	0.01	0.01	0.03	0.01	0.01	0.03	0.02	0.01	0.04	0.02	0.02	0.03	0.02	--	--	--	0.01	0.01	0.01
20	--	--	--	0.02	0.04	0.02	0.02	0.04	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.04	0.02	--	--	--	0.02	0.03	0.02
21	0.02	0.05	0.03	0.04	0.07	0.05	0.02	0.02	0.02	0.01	0.02	0.01	0.02	0.02	0.02	0.01	0.01	0.01	--	--	--	0.02	0.04	0.03	0.02	0.02	0.02
22	0.02	0.03	0.03	0.03	0.04	0.04	0.01	0.02	0.01	--	--	--	0.03	0.07	0.04	0.01	0.01	0.01	0.03	0.08	0.04	0.02	0.02	0.02	0.02	0.02	0.02
23	0.02	0.02	0.02	0.03	0.03	0.03	0.01	0.02	0.01	0.01	0.07	0.02	0.02	0.03	0.03	0.02	0.07	0.04	0.02	0.03	0.03	0.02	0.02	0.02	--	--	--
24	0.02	0.03	0.02	0.02	0.04	0.03	0.02	0.05	0.02	0.01	0.01	0.01	0.02	0.03	0.02	0.01	0.02	0.02	0.02	0.05	0.03	0.04	0.06	0.05	0.02	0.06	0.03
25	0.02	0.05	0.03	--	--	--	0.01	0.02	0.02	0.01	0.01	0.01	0.02	0.03	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.04	0.02	0.01	0.02	0.02
26	0.02	0.02	0.02	0.03	0.06	0.04	0.01	0.02	0.01	0.01	0.02	0.01	0.03	0.07	0.03	0.01	0.06	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.01	0.02	0.02
27	0.02	0.02	0.02	0.03	0.03	0.03	--	--	--	0.02	0.04	0.02	0.02	0.03	0.02	0.02	0.05	0.02	0.03	0.07	0.05	0.02	0.02	0.02	0.01	0.02	0.01
28	0.02	0.03	0.02	0.03	0.03	0.03	0.01	0.05	0.02	0.01	0.03	0.01	0.02	0.02	0.02	0.01	0.03	0.02	0.02	0.04	0.03	--	--	--	0.02	0.04	0.02
29	0.02	0.04	0.03	--	--	--	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.02	0.01	0.04	0.01	0.02	0.02	0.02	0.02	0.05	0.02	0.02	0.02	0.02
30	0.02	0.04	0.02	0.03	0.05	0.03	0.01	0.01	0.01	0.01	0.02	0.01	0.03	0.04	0.03	--	--	--	0.02	0.04	0.02	0.02	0.02	0.02	0.01	0.02	0.01
31	0.02	0.04	0.02	0.03	0.03	0.03	0.02	0.04	0.02	0.01	0.03	0.02	0.02	0.03	0.02	0.01	0.04	0.02	--	--	--	0.01	0.02	0.01	0.01	0.02	0.01
Monthly Min/Max/Avg	0.01	0.07	0.02	0.01	0.08	0.03	0.01	0.07	0.02	0.01	0.07	0.01	0.01	0.07	0.02	0.01	0.08	0.02	0.01	0.08	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)

March 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	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	0.01	0.04	0.01	0.02	0.02	0.02	0.00	0.01	0.00	0.02	0.06	0.03	0.01	0.01	0.00	--	--	--	0.01	0.04	0.01	0.02	0.06	0.02	0.01	0.05	0.01
2	0.01	0.01	0.01	0.02	0.06	0.02	0.00	0.07	0.01	0.02	0.06	0.03	0.01	0.04	0.00	--	--	--	0.01	0.05	0.01	0.02	0.06	0.02	0.01	0.05	0.00
3	0.01	0.04	0.02	0.02	0.05	0.02	0.00	0.03	0.01	0.02	0.03	0.03	0.01	0.03	0.00	--	--	--	0.01	0.00	0.00	0.02	0.03	0.02	0.01	0.02	0.00
4	0.01	0.04	0.02	0.02	0.07	0.02	0.00	0.01	0.01	0.02	0.06	0.03	0.00	0.04	0.00	--	--	--	0.01	0.04	0.01	0.01	0.06	0.02	0.01	0.05	0.01
5	0.01	0.02	0.01	0.02	0.02	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	0.00	0.07	0.02	0.01	0.06	0.01
6	0.01	0.05	0.02	0.02	0.08	0.02	0.00	0.04	0.01	0.03	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
7	0.01	0.05	0.02	0.02	0.07	0.02	0.00	0.04	0.01	0.03	0.06	0.03	0.00	0.06	0.01	--	--	--	0.01	0.05	0.01	0.02	0.06	0.02	0.01	0.05	0.01
8	0.01	0.04	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	0.05	0.01	0.01	0.03	0.02	0.01	0.04	0.01
9	0.01	0.01	0.01	0.02	0.07	0.02	0.01	0.04	0.01	0.02	0.06	0.03	0.01	0.04	0.01	--	--	--	0.01	0.05	0.01	0.02	0.06	0.03	0.01	0.04	0.01
10	--	--	--	0.02	0.06	0.02	0.01	0.04	0.01	0.02	0.06	0.03	0.01	0.04	0.01	--	--	--	0.01	0.05	0.01	0.02	0.06	0.02	0.01	0.04	0.01
11	0.02	0.04	0.02	0.02	0.08	0.02	0.00	0.05	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
12	0.01	0.06	0.02	0.02	0.07	0.02	0.00	0.04	0.01	0.02	0.08	0.03	0.01	0.05	0.01	--	--	--	0.01	0.06	0.01	0.02	0.07	0.03	0.01	0.06	0.01
13	0.01	0.04	0.01	0.01	0.06	0.02	0.01	0.03	0.00	0.02	0.06	0.03	0.01	0.04	0.00	--	--	--	0.01	0.05	0.00	0.01	0.05	0.02	0.01	0.03	0.00
14	0.01	0.01	0.01	0.01	0.06	0.02	0.00	0.04	0.01	0.02	0.06	0.03	0.01	0.04	0.00	--	--	--	0.01	0.04	0.01	0.01	0.06	0.02	0.01	0.04	0.00
15	--	--	--	0.02	0.06	0.02	0.01	0.04	0.01	0.02	0.06	0.03	0.01	0.04	0.01	--	--	--	0.01	0.05	0.01	0.02	0.06	0.02	0.01	0.04	0.01
16	0.01	0.05	0.02	0.01	0.06	0.02	0.01	0.04	0.01	0.02	0.07	0.03	0.01	0.05	0.00	--	--	--	0.01	0.05	0.01	0.02	0.06	0.02	0.01	0.04	0.01
17	0.01	0.04	0.01	0.01	0.08	0.02	0.01	0.03	0.00	0.02	0.05	0.02	0.01	0.04	0.00	--	--	--	0.01	0.04	0.00	0.01	0.05	0.02	0.01	0.04	0.01
18	0.01	0.05	0.01	0.01	0.07	0.02	0.01	0.04	0.00	0.02	0.07	0.03	0.01	0.05	0.01	--	--	--	0.01	0.05	0.01	0.01	0.06	0.02	0.01	0.04	0.00
19	0.01	0.07	0.02	0.02	0.08	0.03	0.00	0.05	0.02	0.02	0.06	0.03	0.00	0.07	0.01	--	--	--	0.01	0.08	0.01	0.02	0.08	0.04	0.01	0.07	0.02
20	0.01	0.04	0.02	0.01	0.03	0.02	0.00	0.05	0.01	0.02	0.06	0.03	0.01	0.04	0.01	--	--	--	0.01	0.05	0.01	0.01	0.08	0.02	0.01	0.07	0.01
21	0.01	0.02	0.01	0.02	0.07	0.02	0.00	0.04	0.01	0.02	0.04	0.03	0.01	0.01	0.00	--	--	--	0.01	0.05	0.01	0.01	0.07	0.03	0.01	0.07	0.01
22	0.01	0.04	0.01	0.01	0.06	0.02	0.01	0.03	0.00	0.02	0.06	0.03	0.01	0.04	0.00	--	--	--	0.01	0.03	0.01	0.02	0.08	0.02	0.01	0.06	0.01
23	0.01	0.05	0.02	0.01	0.08	0.02	0.00	0.05	0.01	0.02	0.07	0.03	0.01	0.06	0.01	--	--	--	0.01	0.06	0.01	0.02	0.08	0.02	0.01	0.03	0.00
24	0.01	0.06	0.01	0.01	0.03	0.02	0.01	0.01	0.00	0.02	0.06	0.03	0.01	0.05	0.01	--	--	--	0.01	0.07	0.01	0.02	0.08	0.03	0.01	0.08	0.01
25	0.01	0.04	0.01	0.01	0.06	0.02	0.01	0.03	0.00	0.02	0.04	0.02	0.01	0.03	0.00	--	--	--	0.01	0.04	0.00	0.01	0.07	0.02	0.01	0.06	0.01
26	0.01	0.01	0.01	0.01	0.04	0.02	0.01	0.02	0.00	0.02	0.05	0.02	0.01	0.02	0.00	--	--	--	0.01	0.00	0.01	0.01	0.06	0.02	0.01	0.04	0.00
27	0.01	0.04	0.01	0.01	0.02	0.01	0.01	0.03	0.00	0.02	0.05	0.02	0.01	0.03	0.00	--	--	--	0.01	0.04	0.00	0.01	0.02	0.02	0.01	0.03	0.01
28	0.01	0.01	0.01	0.02	0.04	0.02	0.00	0.01	0.00	0.02	0.03	0.02	0.01	0.00	0.01	--	--	--	0.01	0.05	0.01	0.02	0.06	0.02	0.01	0.05	0.01
29	0.02	0.05	0.02	0.01	0.02	0.02	0.01	0.04	0.01	0.02	0.02	0.02	0.01	0.05	0.01	--	--	--	0.01	0.00	0.00	0.02	0.07	0.02	0.01	0.03	0.00
30	0.01	0.04	0.01	0.01	0.06	0.02	0.01	0.01	0.00	0.02	0.06	0.03	0.01	0.00	0.00	--	--	--	0.01	0.05	0.01	0.02	0.03	0.02	0.01	0.05	0.01
31	0.01	0.03	0.01	0.01	0.02	0.02	0.01	0.03	0.01	0.02	0.02	0.02	0.01	0.03	0.01	--	--	--	0.01	0.01	0.01	0.01	0.06	0.02	0.01	0.00	0.00
Monthly Min/Max/Avg	0.01	0.07	0.01	0.01	0.08	0.02	0.01	0.07	0.01	0.02	0.08	0.03	0.01	0.07	0.01	--	--	--	0.01	0.08	0.01	0.01	0.08	0.02	0.01	0.08	0.01

NOTES: ' -- ' indicates filter offline

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

March 2026

Filter	10			11			12			13			14			15			16			17			18		
Day	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	0.02	0.06	0.03	0.01	0.05	0.00	0.01	0.05	0.01	0.03	0.06	0.04	0.01	0.04	0.02	0.04	0.09	0.05	0.03	0.04	0.04	0.04	0.08	0.04	0.03	0.06	0.03
2	0.02	0.06	0.03	0.01	0.02	0.00	0.01	0.05	0.01	0.03	0.07	0.04	0.01	0.04	0.02	0.04	0.08	0.05	0.03	0.07	0.04	0.04	0.05	0.04	0.03	0.04	0.03
3	0.02	0.07	0.03	0.01	0.05	0.00	0.01	0.05	0.01	0.03	0.07	0.03	0.01	0.04	0.01	0.04	0.05	0.05	0.03	0.07	0.04	0.04	0.08	0.05	0.03	0.06	0.03
4	0.02	0.06	0.03	0.01	0.05	0.00	0.00	0.04	0.01	0.03	0.04	0.03	0.01	0.02	0.02	0.04	0.08	0.05	0.04	0.08	0.04	0.04	0.08	0.05	0.03	0.07	0.03
5	0.02	0.07	0.03	0.01	0.06	0.01	0.00	0.05	0.01	0.03	0.07	0.04	0.01	0.05	0.02	0.05	0.09	0.05	0.04	0.05	0.04	0.04	0.09	0.04	0.03	0.07	0.03
6	0.02	0.09	0.03	0.01	0.06	0.01	0.00	0.05	0.01	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	0.07	0.04
7	0.02	0.06	0.03	0.01	0.06	0.01	0.00	0.05	0.01	0.02	0.07	0.03	0.01	0.05	0.02	0.04	0.09	0.05	0.04	0.07	0.04	0.04	0.06	0.05	0.03	0.04	0.03
8	0.02	0.06	0.03	0.01	0.05	0.00	0.00	0.07	0.01	0.03	0.08	0.04	0.01	0.05	0.02	0.04	0.09	0.05	0.03	0.08	0.04	0.04	0.08	0.05	0.03	0.07	0.04
9	0.02	0.06	0.03	0.01	0.05	0.01	0.01	0.05	0.01	0.02	0.07	0.03	0.01	0.05	0.02	0.05	0.08	0.05	0.03	0.08	0.04	0.04	0.08	0.05	0.03	0.07	0.04
10	0.02	0.06	0.03	0.01	0.05	0.01	0.01	0.05	0.01	0.02	0.07	0.03	0.01	0.05	0.02	0.05	0.08	0.05	0.04	0.08	0.04	0.04	0.08	0.05	0.03	0.07	0.03
11	0.02	0.05	0.03	0.01	0.06	0.01	0.00	0.05	0.01	0.02	0.08	0.03	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	0.08	0.04
12	0.02	0.07	0.03	0.01	0.06	0.01	0.00	0.05	0.01	0.03	0.08	0.04	0.01	0.05	0.02	0.05	0.09	0.05	0.03	0.08	0.04	0.04	0.09	0.05	0.03	0.08	0.04
13	0.02	0.06	0.02	0.01	0.04	0.00	0.01	0.03	0.01	0.02	0.07	0.03	0.01	0.04	0.01	0.04	0.07	0.05	0.03	0.08	0.04	0.04	0.09	0.05	0.03	0.07	0.03
14	0.02	0.06	0.03	0.01	0.05	0.00	0.01	0.04	0.01	0.03	0.07	0.03	0.01	0.05	0.02	0.04	0.07	0.05	0.03	0.07	0.04	0.04	0.07	0.04	0.03	0.07	0.03
15	0.02	0.06	0.03	0.01	0.05	0.00	0.00	0.05	0.01	0.03	0.07	0.03	0.01	0.05	0.02	0.04	0.08	0.05	0.03	0.07	0.04	0.04	0.08	0.04	0.03	0.07	0.04
16	0.01	0.06	0.02	0.01	0.05	0.01	0.01	0.04	0.01	0.03	0.07	0.04	0.01	0.05	0.02	0.04	0.08	0.05	0.03	0.07	0.04	0.04	0.08	0.05	0.03	0.07	0.04
17	0.02	0.05	0.02	0.01	0.04	0.00	0.01	0.04	0.00	0.03	0.07	0.03	0.01	0.04	0.01	0.04	0.07	0.05	0.03	0.07	0.04	0.04	0.07	0.04	0.03	0.06	0.03
18	0.02	0.06	0.03	0.01	0.06	0.00	0.01	0.05	0.01	0.02	0.07	0.03	0.01	0.05	0.02	0.04	0.08	0.05	0.03	0.07	0.04	0.04	0.08	0.04	0.03	0.07	0.03
19	0.02	0.05	0.03	0.00	0.07	0.02	0.00	0.08	0.02	0.03	0.08	0.04	0.02	0.06	0.03	0.05	0.08	0.06	0.04	0.08	0.06	0.03	0.08	0.05	0.03	0.08	0.05
20	0.02	0.08	0.03	0.01	0.06	0.01	0.00	0.05	0.01	0.03	0.04	0.03	0.02	0.05	0.02	0.04	0.06	0.05	0.03	0.08	0.04	0.03	0.08	0.04	0.03	0.05	0.03
21	0.02	0.08	0.03	0.01	0.06	0.01	0.00	0.07	0.01	0.03	0.08	0.04	0.02	0.06	0.02	0.05	0.08	0.05	0.03	0.06	0.04	0.04	0.08	0.05	0.03	0.08	0.04
22	0.02	0.02	0.02	0.01	0.00	0.01	0.00	0.05	0.01	0.03	0.07	0.04	0.01	0.02	0.02	0.04	0.05	0.04	0.03	0.08	0.04	0.04	0.04	0.04	0.03	0.07	0.04
23	0.02	0.08	0.03	0.01	0.06	0.01	0.00	0.06	0.01	0.03	0.03	0.03	0.01	0.06	0.02	0.05	0.08	0.05	0.04	0.04	0.04	0.05	0.08	0.05	0.03	0.05	0.04
24	0.02	0.08	0.03	0.01	0.07	0.01	0.00	0.01	0.01	0.03	0.08	0.04	0.01	0.05	0.02	0.05	0.08	0.05	0.04	0.08	0.05	0.04	0.08	0.05	0.03	0.08	0.04
25	0.02	0.06	0.02	0.01	0.06	0.00	0.01	0.06	0.01	0.03	0.07	0.04	0.01	0.04	0.01	0.04	0.07	0.05	0.03	0.07	0.04	0.04	0.07	0.04	0.03	0.07	0.03
26	0.02	0.06	0.02	0.01	0.04	0.00	0.01	0.04	0.01	0.03	0.07	0.03	0.01	0.02	0.01	0.04	0.05	0.04	0.03	0.07	0.04	0.04	0.07	0.04	0.03	0.03	0.03
27	0.02	0.05	0.02	0.01	0.05	0.00	0.00	0.04	0.01	0.03	0.04	0.03	0.01	0.05	0.02	0.04	0.08	0.05	0.03	0.04	0.04	0.04	0.05	0.04	0.03	0.07	0.03
28	0.02	0.06	0.03	0.01	0.05	0.01	0.00	0.04	0.00	0.03	0.07	0.04	0.01	0.02	0.01	0.04	0.05	0.04	0.04	0.07	0.04	0.04	0.08	0.05	0.03	0.07	0.03
29	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.05	0.02	0.03	0.04	0.04	0.01	0.05	0.02	0.05	0.08	0.05	0.04	0.08	0.04	0.04	0.04	0.04	0.03	0.04	0.04
30	0.02	0.08	0.03	0.01	0.05	0.01	0.00	0.01	0.00	0.03	0.07	0.04	0.01	0.04	0.02	0.04	0.05	0.05	0.04	0.05	0.04	0.04	0.08	0.05	0.03	0.04	0.03
31	0.02	0.06	0.02	0.01	0.05	0.00	0.00	0.05	0.01	0.03	0.04	0.03	0.01	0.02	0.01	0.05	0.08	0.05	0.04	0.07	0.04	0.04	0.08	0.04	0.03	0.07	0.04
Monthly Min/Max/Avg	0.01	0.09	0.03	0.01	0.07	0.00	0.01	0.08	0.01	0.02	0.08	0.03	0.01	0.06	0.02	0.04	0.09	0.05	0.03	0.08	0.04	0.03	0.09	0.04	0.03	0.08	0.03

NOTES: ' -- ' indicates filter offline

1.2.11 Combined Filter Effluent Water Quality

March 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	1	6	2	0.03	0.05	0.03	2	7	3	0.02	0.02	0.02
2	1	8	3	0.03	0.05	0.03	2	6	3	0.02	0.02	0.02
3	1	6	2	0.03	0.05	0.03	2	6	3	0.02	0.02	0.02
4	1	4	1	0.03	0.06	0.03	2	5	3	0.02	0.03	0.02
5	1	4	1	0.03	0.05	0.03	2	5	2	0.02	0.03	0.02
6	1	5	2	0.03	0.08	0.04	2	5	3	0.02	0.03	0.02
7	1	5	2	0.03	0.06	0.04	2	5	3	0.02	0.03	0.02
8	2	6	3	0.03	0.07	0.04	1	4	2	0.02	0.02	0.02
9	1	4	2	0.03	0.12	0.03	1	4	2	0.02	0.02	0.02
10	1	4	1	0.03	0.09	0.04	2	4	2	0.02	0.03	0.02
11	1	1	1	0.01	0.01	0.01	2	5	3	0.02	0.03	0.02
12	1	7	4	0.03	0.08	0.05	1	5	3	0.02	0.03	0.02
13	1	3	1	0.03	0.05	0.03	1	4	2	0.02	0.02	0.02
14	1	3	1	0.03	0.08	0.03	1	4	2	0.02	0.02	0.02
15	1	3	1	0.03	0.06	0.03	1	4	2	0.02	0.03	0.02
16	1	4	1	0.03	0.05	0.03	1	4	2	0.02	0.03	0.02
17	1	12	1	0.03	0.07	0.03	1	3	1	0.02	0.02	0.02
18	1	4	1	0.03	0.17	0.03	1	3	2	0.02	0.02	0.02
19	1	9	3	0.03	0.08	0.03	1	10	4	0.02	0.04	0.03
20	1	7	3	0.03	0.12	0.03	1	7	3	0.02	0.03	0.02
21	3	11	5	0.03	0.07	0.03	3	9	6	0.02	0.03	0.02
22	3	8	4	0.03	0.07	0.03	3	6	3	0.02	0.02	0.02
23	2	8	5	0.03	0.08	0.03	3	6	4	0.02	0.03	0.02
24	1	8	2	0.03	0.05	0.03	2	6	3	0.02	0.03	0.02
25	1	4	1	0.03	0.06	0.03	1	4	2	0.02	0.02	0.02
26	1	7	1	0.03	0.07	0.03	1	4	2	0.01	0.02	0.02
27	1	3	1	0.03	0.05	0.03	1	4	2	0.02	0.02	0.02
28	1	2	1	0.03	0.07	0.03	1	5	2	0.01	0.02	0.02
29	1	3	1	0.03	0.06	0.03	3	6	4	0.02	0.02	0.02
30	1	3	1	0.03	0.06	0.03	2	6	4	0.02	0.03	0.02
31	1	3	1	0.03	0.05	0.03	2	5	3	0.02	0.02	0.02
Monthly Min/Max/Avg	1	12	2	0.01	0.17	0.03	1	10	3	0.01	0.04	0.02

NOTES: ' -- ' indicates plant offline

1.2.12 Rossdale UV Disinfection - Filters 1 - 3

March 2026

Filter	1						2						3						Transmittance (%)		
Day	Dosage (mJ/cm²)			Flow (MLD)			Dosage (mJ/cm²)			Flow (MLD)			Dosage (mJ/cm²)			Flow (MLD)					
	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg
1	34.2	49.6	35.8	13.0	24.6	19.2	35.4	40.2	37.6	22.1	28.5	13.9	46.1	59.6	49.4	10.1	14.0	3.9	94.3	94.8	94.6
2	35.2	37.3	36.0	19.7	24.9	4.7	35.4	47.8	39.1	19.9	27.8	24.3	35.2	36.1	35.7	23.0	26.3	15.5	93.7	95.4	94.5
3	35.1	36.2	35.6	20.6	28.7	25.1	42.3	53.4	44.5	17.4	22.6	4.4	34.6	41.1	36.5	17.5	26.7	21.7	94.7	95.4	95.1
4	35.3	44.5	35.7	13.1	25.0	12.7	35.2	42.0	36.7	11.8	30.9	17.1	35.0	41.3	35.9	16.7	30.3	17.4	93.1	95.1	94.0
5	35.1	36.1	35.6	18.5	24.4	21.6	35.4	44.7	40.0	16.4	23.7	19.7	35.2	39.1	36.1	15.3	21.3	18.8	91.5	94.2	93.7
6	35.2	39.4	36.6	14.1	24.3	15.1	35.1	48.4	40.7	14.4	28.6	8.2	35.1	48.9	40.6	11.5	25.9	11.9	91.5	93.7	93.1
7	34.4	36.0	35.6	18.5	29.1	24.4	35.1	38.2	36.0	19.0	27.5	23.6	35.1	36.2	35.6	18.7	27.3	23.7	93.3	94.0	93.8
8	35.1	38.7	35.9	11.2	18.7	11.3	34.1	43.2	36.4	11.7	31.3	17.8	34.9	39.2	36.1	12.8	19.2	9.7	91.7	93.3	92.3
9	--	--	--	--	--	--	34.9	43.5	37.3	17.6	29.2	21.6	35.1	36.5	35.6	17.1	25.6	17.3	91.5	93.8	92.6
10	34.8	38.4	35.7	20.4	28.1	14.6	43.0	56.5	49.2	13.1	17.9	7.0	35.2	42.6	37.2	14.9	21.5	12.0	93.8	94.1	94.0
11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	94.1	94.1	94.1
12	35.3	44.0	39.8	22.1	25.6	19.3	35.4	43.0	39.5	23.4	27.9	20.3	35.2	37.2	36.6	21.7	22.4	5.3	94.1	95.4	94.8
13	35.3	76.2	41.9	12.2	27.6	17.7	38.7	62.6	44.9	21.0	24.8	22.6	35.2	51.2	37.8	20.8	25.3	22.8	95.0	96.9	95.4
14	44.1	59.7	49.6	23.1	28.9	25.8	38.3	106.7	50.5	12.0	29.7	20.5	46.3	64.1	53.8	16.9	21.4	19.2	95.4	97.3	96.5
15	55.1	64.9	60.3	17.9	23.3	20.2	46.2	53.2	50.3	22.2	28.6	25.1	53.3	63.5	59.9	16.6	19.9	5.9	96.3	97.3	96.7
16	42.3	47.6	43.7	15.8	18.4	2.5	52.4	57.8	53.7	17.0	22.7	14.5	37.4	46.7	38.3	21.9	26.4	7.7	96.5	96.6	96.6
17	40.9	58.1	46.9	20.8	27.4	23.5	40.1	57.4	44.5	20.0	27.9	13.2	37.3	54.4	41.4	17.8	26.5	23.2	96.2	96.6	96.4
18	40.9	59.2	50.0	17.1	22.3	19.4	38.3	55.1	45.6	19.6	24.0	21.6	39.8	59.3	48.4	13.7	19.3	16.5	94.0	96.6	95.2
19	45.1	57.4	49.9	15.3	17.7	13.2	40.1	50.7	45.5	17.0	21.3	19.2	53.3	56.3	55.1	13.5	13.9	0.9	94.3	95.6	95.0
20	--	--	--	--	--	--	47.8	61.6	54.2	14.9	19.3	9.4	36.9	49.4	40.1	15.6	22.7	9.6	95.0	95.8	95.2
21	40.1	43.7	41.8	19.8	20.7	12.3	40.8	44.3	42.5	19.6	20.5	5.6	35.3	39.0	36.8	18.9	22.5	20.9	94.8	95.6	95.2
22	38.2	45.5	40.5	18.9	22.4	20.5	37.6	46.0	40.7	18.8	22.9	20.6	35.1	41.1	37.5	17.6	21.4	19.5	92.4	95.1	93.8
23	36.3	47.6	41.0	20.1	23.9	21.7	35.9	46.7	40.6	20.3	24.8	22.2	36.9	41.2	39.3	16.7	18.3	4.1	92.1	95.2	94.4
24	45.6	49.6	47.6	20.0	20.5	4.7	45.8	51.9	48.9	19.2	20.7	10.4	38.8	47.7	42.9	17.3	22.2	10.3	95.2	96.3	95.8
25	35.7	48.9	39.5	20.7	27.5	9.3	--	--	--	--	--	--	35.5	44.3	37.8	21.4	25.5	23.0	95.4	96.3	95.8
26	36.6	41.7	38.9	22.3	26.6	24.9	35.3	49.6	41.0	19.6	26.1	19.7	35.4	42.0	38.5	19.7	22.2	19.7	93.9	95.6	95.3
27	39.0	46.5	43.0	18.4	22.5	20.4	35.4	40.3	38.1	21.4	25.9	23.7	--	--	--	--	--	--	93.9	95.3	94.8
28	44.2	49.7	46.0	17.9	18.7	2.1	39.6	49.3	44.9	18.3	21.7	12.4	35.3	46.6	35.9	17.1	27.2	23.2	94.4	95.8	95.3
29	38.7	42.0	40.9	23.5	25.7	11.5	--	--	--	--	--	--	35.2	40.7	37.3	20.9	26.4	23.0	95.5	96.1	95.8
30	35.3	43.8	38.1	21.2	28.0	25.1	34.6	50.5	37.8	20.1	31.4	24.0	39.7	46.1	41.7	17.1	21.3	17.6	94.9	96.0	95.4
31	37.6	50.6	42.3	19.5	26.0	22.3	35.6	46.3	39.5	21.6	28.2	24.5	42.2	47.8	44.4	17.4	18.2	2.1	94.4	95.8	95.2
Monthly Total						464.9						487.1						426.5			
Monthly Min/Max/ Avg	34.2	76.2	41.6	11.2	29.1		34.1	106.7	42.9	11.7	31.4		34.6	64.1	40.8	10.1	30.3		91.5	97.3	94.8

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

March 2026

Filter	4						5						6						Transmittance (%)		
Day	Dosage (mJ/cm²)			Flow (MLD)			Dosage (mJ/cm²)			Flow (MLD)			Dosage (mJ/cm²)			Flow (MLD)					
	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg
1	35.1	42.4	37.0	21.1	29.0	25.4	39.3	51.6	44.8	15.0	19.2	10.8	35.0	57.8	43.1	12.3	29.1	9.1	94.3	94.8	94.6
2	40.7	55.3	42.2	15.6	21.2	7.6	35.0	38.1	36.0	22.5	27.0	16.7	35.4	39.2	36.1	23.1	28.0	25.4	93.7	95.4	94.5
3	35.1	45.3	36.5	22.4	30.2	23.1	36.3	43.7	39.0	19.6	24.4	7.4	37.3	52.1	43.4	15.5	24.1	19.1	94.7	95.4	95.1
4	37.7	50.4	41.5	14.9	23.8	19.0	--	--	--	--	--	--	--	--	--	--	--	--	93.1	95.1	94.0
5	--	--	--	--	--	--	34.8	36.0	35.6	20.9	23.8	12.1	35.4	36.3	35.7	21.3	29.4	20.5	91.5	94.2	93.7
6	35.1	37.7	35.7	20.6	26.3	20.1	35.3	41.5	37.5	16.0	23.7	15.2	35.4	41.3	37.5	16.2	24.4	15.6	91.5	93.7	93.1
7	35.2	52.2	40.1	12.8	22.4	17.9	--	--	--	--	--	--	35.4	35.9	35.6	25.1	29.6	9.7	93.3	94.0	93.8
8	35.1	36.6	35.6	22.9	30.3	14.5	34.9	36.1	35.6	18.7	23.4	16.5	34.4	35.9	35.6	18.8	27.5	21.9	91.7	93.3	92.3
9	35.0	48.7	39.6	15.6	25.6	19.1	35.2	40.3	37.3	16.2	20.1	7.2	35.4	41.3	36.1	14.5	30.1	11.9	91.5	93.8	92.6
10	46.6	56.3	50.1	13.4	16.0	3.1	35.2	36.0	35.6	22.3	25.7	7.7	35.1	39.4	35.9	19.3	29.1	16.4	93.8	94.1	94.0
11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	94.1	94.1	94.1
12	39.9	47.2	42.8	21.0	25.2	17.9	38.3	43.1	41.3	21.7	22.7	8.8	35.4	39.7	37.3	24.2	28.1	16.0	94.1	95.4	94.8
13	39.5	64.8	45.4	21.0	24.6	22.8	39.0	63.7	44.5	19.0	23.0	21.2	35.4	58.8	40.3	20.6	28.0	24.3	95.0	96.9	95.4
14	61.1	99.7	67.1	14.4	21.4	11.2	39.6	145.2	52.2	18.1	26.2	12.8	50.8	68.7	58.3	18.3	22.4	20.3	95.4	97.3	96.5
15	42.1	68.9	49.5	21.3	29.8	26.0	43.7	54.6	49.1	21.0	26.6	23.6	66.8	110.7	71.0	11.4	19.0	1.1	96.3	97.3	96.7
16	44.8	59.3	52.7	20.4	27.2	23.2	51.3	52.8	51.4	15.1	21.2	17.4	35.3	40.3	37.2	28.1	33.0	26.7	96.5	96.6	96.6
17	37.1	53.6	44.8	14.7	20.6	9.3	39.6	45.6	41.7	14.1	15.4	1.2	39.2	51.0	47.6	17.9	28.4	22.8	96.2	96.6	96.4
18	44.7	50.0	47.2	21.2	22.4	5.7	40.0	47.7	43.7	20.7	23.6	11.7	44.9	53.1	50.9	16.3	18.1	6.8	94.0	96.6	95.2
19	35.0	45.9	39.4	19.5	25.1	23.0	35.2	45.3	39.2	19.8	23.2	22.1	34.1	40.5	36.0	20.3	29.5	25.6	94.3	95.6	95.0
20	40.5	65.0	48.4	14.6	23.5	20.7	39.8	59.8	48.1	14.9	22.3	19.2	35.8	43.1	40.6	22.2	24.8	23.0	95.0	95.8	95.2
21	43.4	50.2	46.4	19.4	22.5	13.1	50.2	54.1	52.0	17.6	18.7	1.1	38.4	44.0	40.9	20.8	23.3	21.7	94.8	95.6	95.2
22	--	--	--	--	--	--	42.8	45.2	43.8	18.7	19.3	6.7	40.9	42.3	41.7	20.6	20.9	2.1	92.4	95.1	93.8
23	37.8	48.5	43.6	20.1	22.3	17.3	36.6	45.0	42.1	18.1	23.3	20.6	35.4	42.8	37.9	20.7	29.9	6.8	92.1	95.2	94.4
24	46.7	60.7	52.5	19.1	20.6	19.9	42.2	58.4	48.9	18.5	22.0	20.4	38.4	48.5	42.6	22.9	24.5	23.8	95.2	96.3	95.8
25	45.5	52.6	51.0	18.7	24.0	20.5	43.8	55.4	49.3	16.0	19.5	11.2	38.9	48.0	41.8	22.3	26.2	24.4	95.4	96.3	95.8
26	46.7	58.8	48.0	16.2	20.7	3.6	36.7	41.8	39.9	21.9	23.4	9.7	35.5	46.8	41.9	20.2	25.8	15.6	93.9	95.6	95.3
27	35.0	56.1	40.9	17.6	28.6	18.3	35.4	40.8	38.4	20.1	24.8	22.5	34.2	36.7	35.6	25.3	29.9	27.8	93.9	95.3	94.8
28	35.2	49.9	41.6	20.8	26.0	23.1	39.8	59.3	49.1	15.8	20.2	17.9	35.5	48.7	40.7	19.2	25.6	21.9	94.4	95.8	95.3
29	47.9	57.2	52.1	17.9	21.1	19.3	55.3	63.7	57.9	15.2	16.7	2.5	46.9	54.6	51.8	16.3	19.7	9.6	95.5	96.1	95.8
30	53.5	59.2	55.3	17.1	18.8	2.3	34.9	47.3	37.6	19.2	28.9	14.2	--	--	--	--	--	--	94.9	96.0	95.4
31	35.9	51.8	38.1	18.1	26.4	9.9	35.4	45.8	38.6	21.1	27.6	23.9	35.3	37.3	35.7	25.7	31.3	28.3	94.4	95.8	95.2
Monthly Total						456.8						382.2						498.2			
Monthly Min/Max/ Avg	35.0	99.7	45.2	12.8	30.3		34.8	145.2	43.2	14.1	28.9		34.1	110.7	41.7	11.4	33.0		91.5	97.3	94.8

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

March 2026

Filter	7						8						9						Transmittance (%)		
Day	Dosage (mJ/cm²)			Flow (MLD)			Dosage (mJ/cm²)			Flow (MLD)			Dosage (mJ/cm²)			Flow (MLD)					
	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg
1	34.3	36.3	35.6	20.9	24.9	22.6	33.3	36.1	35.7	22.7	29.8	26.6	35.0	44.8	41.6	19.9	29.8	18.9	94.3	94.8	94.6
2	34.9	42.5	36.1	17.9	24.2	21.0	35.3	37.0	35.8	20.8	23.0	8.4	34.8	45.1	38.0	21.9	29.0	25.6	93.7	95.4	94.5
3	34.0	36.3	35.6	23.7	29.1	16.2	35.2	36.2	35.7	26.2	34.2	18.4	36.1	48.2	42.5	19.5	26.7	14.1	94.7	95.4	95.1
4	34.1	36.8	35.6	19.4	27.8	24.1	35.2	36.2	35.7	19.3	28.1	24.2	34.4	38.3	36.0	22.4	32.0	26.8	93.1	95.1	94.0
5	34.5	36.4	35.7	10.9	26.8	8.6	35.3	38.8	36.2	17.3	20.6	9.0	36.6	43.9	39.5	17.6	22.8	18.8	91.5	94.2	93.7
6	34.3	36.1	35.5	22.7	29.4	20.5	34.1	36.1	35.5	25.7	30.4	15.9	34.9	36.1	35.6	27.9	29.2	5.4	91.5	93.7	93.1
7	35.0	35.9	35.6	19.8	24.5	2.1	35.3	36.2	35.6	18.8	27.6	24.2	34.6	37.3	35.7	20.8	29.6	26.0	93.3	94.0	93.8
8	34.5	36.2	35.5	20.5	24.8	22.0	34.5	36.8	35.6	15.3	31.2	18.6	34.7	56.4	35.8	10.9	21.2	9.7	91.7	93.3	92.3
9	34.4	36.0	35.7	16.9	23.1	13.8	35.0	36.1	35.6	19.1	30.5	22.8	31.9	36.4	35.6	23.0	29.9	24.3	91.5	93.8	92.6
10	35.1	36.0	35.6	22.3	25.0	3.4	35.4	52.0	39.4	12.4	19.5	8.8	35.4	45.5	39.9	18.1	23.5	14.0	93.8	94.1	94.0
11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	94.1	94.1	94.1
12	34.6	36.2	35.7	25.1	29.0	21.6	35.2	36.1	35.7	26.8	30.0	22.8	--	--	--	--	--	--	94.1	95.4	94.8
13	35.0	88.0	36.0	21.5	26.1	14.2	35.3	49.6	37.1	22.8	27.0	25.1	35.3	52.2	39.9	24.9	29.5	20.7	95.0	96.9	95.4
14	34.9	42.2	37.2	24.0	30.1	27.8	46.2	68.1	52.0	12.4	23.3	15.7	43.4	61.7	52.8	23.0	27.1	25.4	95.4	97.3	96.5
15	35.2	41.3	37.4	23.2	29.1	26.2	35.3	40.2	35.8	25.8	35.9	8.7	51.4	146.6	55.9	20.6	25.9	19.1	96.3	97.3	96.7
16	38.0	45.3	42.0	20.5	24.4	9.3	35.3	36.9	35.8	28.3	35.7	31.4	42.3	52.9	46.1	20.5	29.8	16.2	96.5	96.6	96.6
17	35.4	43.8	38.1	20.8	26.0	0.9	36.2	59.5	46.3	16.9	28.8	21.9	43.4	59.6	48.5	20.9	29.0	25.3	96.2	96.6	96.4
18	34.9	40.9	36.4	21.3	28.3	24.0	41.5	49.8	47.3	16.3	18.5	9.0	41.2	60.3	50.2	18.6	23.2	20.8	94.0	96.6	95.2
19	34.5	39.7	35.9	20.5	25.4	23.6	--	--	--	--	--	--	53.1	54.3	54.5	17.6	19.1	2.6	94.3	95.6	95.0
20	35.1	42.7	37.5	18.7	24.3	13.7	--	--	--	--	--	--	41.3	50.9	46.9	20.1	25.8	22.1	95.0	95.8	95.2
21	--	--	--	--	--	--	35.3	36.7	35.7	22.2	25.6	23.3	40.2	45.7	42.6	22.7	25.3	23.7	94.8	95.6	95.2
22	35.2	38.8	36.4	19.3	21.0	16.6	35.3	38.8	36.4	20.3	24.7	22.6	37.6	44.7	39.9	21.8	24.5	15.2	92.4	95.1	93.8
23	33.5	38.0	35.9	18.8	26.4	22.1	35.3	38.6	36.4	19.7	26.7	16.6	--	--	--	--	--	--	92.1	95.2	94.4
24	35.0	44.3	38.0	22.0	24.6	23.0	39.2	40.0	39.7	25.0	25.4	0.6	42.9	52.1	46.5	20.8	25.4	19.0	95.2	96.3	95.8
25	--	--	--	--	--	0.0	35.3	44.8	39.0	22.2	28.4	24.2	40.9	54.4	47.2	22.3	27.9	23.8	95.4	96.3	95.8
26	--	--	--	--	--	0.1	35.2	36.1	35.7	23.4	27.4	25.8	41.0	46.5	43.6	21.3	25.6	23.8	93.9	95.6	95.3
27	34.8	36.2	35.6	23.9	32.7	14.2	35.4	39.2	36.7	20.2	23.6	12.0	43.0	49.0	44.1	20.3	21.7	4.3	93.9	95.3	94.8
28	35.1	36.2	35.6	25.1	30.4	27.5	--	--	--	--	--	--	35.3	40.1	36.8	25.3	29.2	11.8	94.4	95.8	95.3
29	34.5	39.5	36.4	20.8	25.4	22.3	35.2	44.1	35.7	20.1	29.3	25.1	37.6	43.0	40.3	25.5	29.2	26.9	95.5	96.1	95.8
30	38.2	44.3	40.4	17.0	21.1	10.6	34.8	36.1	35.7	24.0	28.4	26.2	38.1	45.1	41.5	22.7	26.1	24.5	94.9	96.0	95.4
31	--	--	--	--	--	--	35.3	41.2	36.6	21.2	26.5	23.2	40.9	47.8	45.5	19.7	25.5	15.9	94.4	95.8	95.2
Monthly Total						452.1						511.2						524.8			
Monthly Min/Max/ Avg	33.5	88.0	36.6	10.9	32.7		33.3	68.1	37.7	12.4	35.9		31.9	146.6	43.0	10.9	32.0		91.5	97.3	94.8

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

March 2026

Filter	1						2						3						4						Transmittance (%)		
Day	Dosage (mJ/cm²)			Flow (MLD)			Dosage (mJ/cm²)			Flow (MLD)			Dosage (mJ/cm²)			Flow (MLD)			Dosage (mJ/cm²)			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	79.4	92.9	84.5	69.4	82.1	77.7	71.6	78.4	75.4	63.3	75.3	71.3	70.9	80.1	74.3	76.0	88.8	84.4	61.4	69.7	64.3	45.8	50.0	48.5	94.4	95.0	94.6
2	47.8	88.4	58.6	68.0	81.9	76.6	76.7	83.1	79.1	60.7	76.5	70.2	76.2	83.9	78.3	73.1	88.6	83.0	65.5	71.3	67.1	45.0	50.4	47.9	94.8	95.0	94.9
3	46.6	84.1	53.9	60.8	76.6	69.2	72.8	86.6	78.2	54.9	69.8	63.4	72.2	83.6	78.2	66.6	82.2	74.9	63.8	71.7	67.3	40.3	46.1	43.3	94.3	94.8	94.5
4	79.5	92.5	81.7	68.0	71.2	46.8	55.1	75.7	67.5	52.5	90.0	68.1	54.6	73.6	66.6	62.9	106.7	81.5	44.3	67.1	57.8	38.5	57.3	46.2	93.5	94.6	93.7
5	76.2	86.2	79.3	34.3	71.7	26.5	54.4	72.0	61.4	56.0	88.8	75.2	53.8	74.5	61.2	66.6	107.4	90.8	47.0	61.7	52.5	42.2	57.9	50.6	93.5	93.8	93.7
6	70.5	79.8	76.3	59.9	81.8	68.4	65.2	75.5	70.6	55.9	73.4	62.8	64.4	75.9	70.6	66.1	87.2	74.0	54.9	64.7	59.8	39.2	48.9	42.9	93.5	93.9	93.5
7	62.2	71.8	66.4	71.5	82.3	77.6	58.2	65.2	61.6	64.9	75.8	71.2	57.7	64.4	61.3	77.6	89.0	84.4	49.9	58.0	52.7	46.3	50.2	48.5	93.3	93.9	93.6
8	62.5	76.7	68.8	65.5	81.8	70.8	57.7	72.3	65.1	59.4	75.7	64.8	57.0	70.2	64.3	71.9	89.4	76.7	49.9	59.5	54.5	42.6	49.4	44.3	93.2	94.0	93.4
9	74.2	84.6	78.3	65.1	77.5	72.3	69.4	80.6	73.7	59.5	71.5	66.2	69.0	81.8	74.1	71.0	83.0	78.4	48.0	64.5	55.6	43.1	46.8	45.3	94.0	94.4	94.1
10	78.2	89.4	83.3	64.6	82.5	75.9	73.3	81.4	78.1	58.7	76.6	69.6	74.7	83.1	78.2	70.9	88.4	82.4	47.9	48.3	48.1	40.9	50.1	47.5	94.4	95.0	94.8
11	70.7	106.1	77.7	69.7	98.1	80.6	64.6	98.2	73.0	63.8	94.5	75.0	63.5	99.2	71.3	74.6	104.7	87.2	48.0	48.3	48.2	44.1	52.7	37.6	93.4	95.1	94.6
12	50.2	100.5	66.5	64.4	81.2	73.7	52.9	127.8	76.4	58.2	150.0	70.8	61.6	122.7	70.6	49.4	88.3	81.0	48.0	104.6	51.4	47.6	83.7	56.2	93.4	94.6	93.7
13	49.9	67.3	56.9	61.6	78.9	72.7	47.0	65.8	55.0	56.2	74.4	66.6	57.1	94.8	76.3	69.5	91.2	83.9	48.1	54.0	49.2	51.4	64.6	60.8	94.6	95.9	95.1
14	57.8	67.0	62.6	59.7	75.0	67.8	59.1	67.2	61.7	54.3	69.8	62.1	58.8	68.0	62.2	64.4	81.9	74.2	51.7	61.4	55.7	47.9	55.1	51.3	95.8	96.2	95.9
15	60.3	67.4	63.2	57.4	73.3	65.9	59.8	67.1	62.3	51.6	67.2	60.4	59.8	69.0	63.9	62.7	80.7	71.9	53.1	62.6	56.9	45.3	53.9	49.8	95.5	95.9	95.7
16	57.6	76.5	64.7	61.3	78.5	71.1	58.3	74.9	64.4	56.1	72.5	65.1	58.2	77.9	63.8	66.7	85.3	77.6	51.1	65.8	56.1	51.9	57.6	53.6	95.8	97.0	96.2
17	71.3	84.3	76.6	64.4	81.2	72.7	70.7	82.6	77.7	59.3	74.5	66.6	64.2	76.4	73.4	69.9	86.8	79.5	51.5	62.0	57.0	52.2	58.6	54.9	97.0	97.1	97.1
18	62.7	82.3	71.6	62.2	76.9	70.4	63.2	80.5	71.1	57.0	71.0	64.5	57.0	72.9	64.1	67.4	84.5	77.0	51.4	63.0	57.2	47.7	56.8	53.2	95.9	97.1	96.4
19	47.7	73.5	58.5	47.3	73.8	61.4	46.9	74.6	57.7	43.2	67.8	56.2	47.2	94.4	69.4	51.4	79.7	67.0	48.1	61.4	51.2	36.0	53.7	46.4	93.5	96.2	94.8
20	58.1	89.8	78.6	57.4	68.9	64.4	55.9	92.7	78.7	52.8	63.5	59.1	52.1	95.1	71.2	63.1	75.2	70.5	48.3	65.6	59.2	44.9	50.7	48.7	93.9	97.0	96.1
21	66.5	89.7	75.1	52.1	74.3	66.3	64.9	89.3	74.2	47.6	68.9	60.8	56.3	77.1	64.8	55.7	81.2	72.4	51.2	70.4	57.8	40.7	54.7	50.1	95.7	96.4	96.1
22	70.7	78.3	73.1	61.8	74.1	69.8	70.1	78.0	72.8	57.3	68.3	63.9	59.9	66.8	62.4	67.7	80.1	76.0	53.8	60.0	56.2	49.7	54.5	52.7	95.8	96.3	96.1
23	64.8	77.8	71.4	58.4	73.8	69.2	62.3	77.6	69.8	54.1	68.2	63.4	54.2	67.4	59.9	63.7	81.8	75.7	50.5	61.6	55.6	49.3	54.8	52.3	95.5	96.2	96.0
24	63.1	70.6	66.6	57.5	74.7	67.9	62.4	71.5	65.9	53.3	69.5	62.3	52.2	59.9	55.6	63.7	80.6	74.2	49.8	56.3	52.2	47.5	54.3	51.3	95.3	95.8	95.5
25	66.0	77.5	70.0	62.3	73.4	69.2	63.6	74.1	68.2	57.0	68.1	63.4	53.9	64.4	58.0	68.3	80.7	75.6	51.1	61.2	54.7	49.1	54.2	52.2	95.3	96.1	95.9
26	67.8	76.8	72.5	63.5	74.9	70.0	66.6	74.8	70.9	57.6	68.7	64.0	57.4	63.5	60.4	68.2	82.5	76.4	54.1	59.5	56.7	49.9	55.1	52.8	95.9	96.2	96.1
27	68.3	74.5	71.8	59.9	75.5	68.3	66.9	76.7	70.5	54.9	68.3	62.5	56.5	60.5	59.0	67.7	81.0	74.6	54.2	58.2	56.4	49.1	54.2	51.5	95.9	96.1	96.0
28	68.3	79.2	73.0	58.7	72.5	66.2	67.3	76.6	71.3	52.5	65.0	60.7	55.7	65.8	60.4	64.3	76.5	72.0	54.4	59.5	56.9	46.2	51.9	49.9	95.7	96.2	96.1
29	63.1	77.6	69.0	57.1	68.5	64.5	62.2	72.1	68.1	52.7	62.8	59.1	53.2	61.6	57.4	63.5	74.2	70.5	51.2	60.1	55.7	44.4	50.3	48.7	95.5	95.9	95.7
30	62.4	74.1	68.1	57.7	69.2	65.3	61.2	76.5	66.8	53.0	64.9	59.7	50.7	59.8	56.1	62.6	75.9	71.0	49.5	56.5	53.9	46.6	51.6	49.3	95.3	95.9	95.5
31	64.6	73.3	67.9	56.9	75.0	67.6	63.3	72.9	67.2	52.4	68.8	61.9	53.9	62.2	57.0	63.9	80.1	73.6	52.5	60.9	55.1	45.2	55.4	51.0	95.7	95.9	95.8
Monthly Total						2,106.9						2,011.0						2,392.3						1,539.1			
Monthly Min/Max/ Avg	46.6	106.1	70.5	34.3	98.1		46.9	127.8	69.5	43.2	150.0		47.2	122.7	65.9	49.4	107.4		44.3	104.6	55.9	36.0	83.7		93.2	97.1	95.2

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

March 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	7.3	7.6	7.5	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.8	8.1	7.4	6.5	6.5	6.5
2	7.4	7.7	7.6	12	13	13	6.5	6.5	6.5	6.7	6.7	6.7	6.7	8.3	7.5	6.5	6.5	6.5
3	7.4	7.7	7.6	12	13	13	6.5	6.5	6.5	6.7	6.7	6.7	7.1	8.3	7.7	6.5	6.5	6.5
4	7.4	7.8	7.6	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.7	8.4	7.7	6.5	6.5	6.5
5	7.5	7.7	7.6	13	15	14	6.5	6.5	6.5	6.7	6.7	6.7	6.6	8.4	7.5	6.5	6.5	6.5
6	7.5	7.9	7.7	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.4	8.7	7.5	6.5	6.5	6.5
7	7.4	8.0	7.7	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.7	7.8	7.3	6.5	6.5	6.5
8	7.3	7.8	7.5	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.3	7.7	6.9	6.5	6.5	6.5
9	7.4	7.6	7.5	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.6	8.1	7.2	6.5	6.5	6.5
10	7.5	7.7	7.5	13	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.5	8.2	7.2	6.5	6.5	6.5
11	--	--	--	--	--	--	--	--	--	6.7	6.7	6.7	6.4	8.4	7.0	6.5	6.5	6.5
12	7.9	8.4	8.0	13	15	14	7.0	7.0	7.0	6.7	7.2	6.9	6.4	8.4	7.3	6.5	7.0	6.7
13	7.8	7.9	7.9	14	15	14	7.0	7.0	7.0	7.1	7.2	7.2	6.3	7.9	7.1	7.0	7.0	7.0
14	7.9	7.9	7.9	13	15	14	7.0	7.0	7.0	7.2	7.2	7.2	7.2	8.9	7.9	7.0	7.0	7.0
15	7.8	8.1	8.0	13	14	13	7.0	7.0	7.0	7.2	7.2	7.2	7.4	8.9	8.0	7.0	7.0	7.0
16	7.9	8.0	8.0	13	14	13	7.0	7.0	7.0	7.1	7.2	7.2	6.8	8.3	7.6	7.0	7.0	7.0
17	7.9	8.1	8.0	13	15	14	7.0	7.0	7.0	7.1	7.2	7.2	6.7	8.1	7.2	7.0	7.0	7.0
18	8.0	8.4	8.2	14	16	15	7.0	7.0	7.0	7.1	7.2	7.2	6.5	8.2	7.3	7.0	7.0	7.0
19	8.0	8.4	8.2	13	15	14	7.0	7.0	7.0	7.2	7.2	7.2	7.0	8.3	7.6	7.0	7.0	7.0
20	8.3	8.9	8.6	13	16	15	7.0	7.0	7.0	7.1	7.2	7.2	7.1	8.7	7.9	7.0	7.0	7.0
21	8.6	8.8	8.7	15	16	16	7.0	7.0	7.0	7.2	7.2	7.2	7.5	9.5	8.4	7.0	7.0	7.0
22	8.4	8.7	8.5	14	16	15	7.0	7.0	7.0	7.1	7.2	7.2	7.4	8.6	7.8	7.0	7.0	7.0
23	8.2	8.5	8.3	14	15	15	7.0	7.0	7.0	7.1	7.2	7.2	6.7	8.7	7.6	7.0	7.0	7.0
24	8.3	8.4	8.4	15	16	15	7.0	7.0	7.0	7.1	7.2	7.2	7.2	8.3	7.6	7.0	7.0	7.0
25	7.9	8.3	8.1	13	15	14	7.0	7.0	7.0	7.1	7.2	7.2	7.3	8.3	7.8	7.0	7.0	7.0
26	7.2	8.0	7.9	13	14	14	6.3	7.0	7.0	7.2	7.2	7.2	7.3	8.4	7.9	7.0	7.0	7.0
27	7.9	8.0	8.0	13	14	14	7.0	7.0	7.0	7.2	7.2	7.2	7.5	8.5	8.0	7.0	7.0	7.0
28	7.6	8.2	8.0	14	14	14	6.6	7.0	7.0	7.2	7.2	7.2	7.3	8.4	7.8	7.0	7.0	7.0
29	8.0	8.2	8.1	14	15	14	7.0	7.0	7.0	7.2	7.2	7.2	7.3	8.8	8.2	7.0	7.0	7.0
30	8.0	8.1	8.1	13	15	14	7.0	7.0	7.0	7.2	7.2	7.2	7.3	8.8	8.1	7.0	7.0	7.0
31	8.0	8.1	8.0	14	14	14	7.0	7.0	7.0	7.2	7.2	7.2	7.7	9.2	8.3	7.0	7.0	7.0
Monthly Min/Max/Avg	7.2	8.9	8.0	12	16	14	6.3	7.0	6.8	6.7	7.2	7.0	6.3	9.5	7.6	6.5	7.0	6.8

NOTES: ' -- ' indicates plant offline

1.2.17 Liquid Alum Chemical Consumption

March 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	7.00	6.98	5.15	866	1,439	2,305	3,198
2	7.00	7.00	5.14	866	1,453	2,319	3,137
3	6.99	7.02	5.16	865	1,447	2,312	2,848
4	6.50	6.53	5.16	744	1,285	2,030	2,774
5	6.01	6.01	5.27	620	1,116	1,735	2,826
6	6.14	6.13	6.13	642	1,147	1,789	3,377
7	7.11	7.10	6.14	880	1,465	2,345	3,801
8	8.01	8.01	6.14	949	1,582	2,531	3,473
9	7.87	7.83	5.51	877	1,518	2,394	3,195
10	5.97	6.01	5.14	417	742	1,159	3,125
11	7.63	23.4	5.24	249	353	602	3,245
12	24.2	24.2	12.2	2,995	5,128	8,123	7,615
13	22.5	22.5	21.4	3,247	6,038	9,285	13,444
14	25.0	25.0	20.1	3,304	6,402	9,706	11,473
15	25.0	25.0	20.2	3,090	5,437	8,527	11,206
16	25.0	25.0	21.7	3,093	5,155	8,248	13,035
17	25.4	25.5	21.1	3,040	4,859	7,899	12,810
18	31.2	31.2	21.8	3,535	5,705	9,240	12,934
19	66.3	66.6	61.2	7,286	12,281	19,567	33,654
20	107	108	111	11,299	18,061	29,360	59,651
21	84.3	84.4	99.7	10,120	13,627	23,747	56,175
22	70.8	70.8	108	8,755	11,673	20,429	62,625
23	66.9	66.9	77.7	8,281	12,010	20,291	45,015
24	64.3	64.3	64.3	7,958	11,938	19,897	37,206
25	50.8	50.3	69.1	6,056	9,788	15,844	39,959
26	39.5	39.4	63.9	4,884	8,129	13,012	36,990
27	31.1	31.5	49.6	3,846	6,501	10,347	27,992
28	37.8	39.2	41.9	4,672	7,522	12,194	22,832
29	36.2	36.1	35.8	4,473	6,706	11,179	19,217
30	35.0	35.0	38.7	4,329	6,909	11,238	20,781
31	32.0	32.0	33.5	3,959	6,594	10,553	18,791
Monthly Total				116,198	184,008	300,206	598,407
Monthly Avg	31.5	32.1	34.0	3,748	5,936	9,684	19,303

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

March 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	--	6	10	16	--
2	0.10	0.10	--	6	10	16	--
3	0.10	0.10	--	6	10	16	--
4	0.10	0.10	--	6	10	15	--
5	0.10	0.10	--	5	9	14	--
6	0.10	0.10	--	5	9	14	--
7	0.10	0.10	--	6	10	16	--
8	0.10	0.10	--	6	10	15	--
9	0.10	0.10	--	5	9	15	--
10	0.10	0.10	--	3	6	9	--
11	0.09	0.26	--	1	2	3	--
12	0.41	0.37	0.05	24	38	62	15
13	0.26	0.26	0.12	18	34	52	37
14	0.28	0.28	0.12	18	34	52	33
15	0.29	0.29	0.12	17	30	48	32
16	0.25	0.25	0.12	15	25	40	35
17	0.24	0.24	0.12	14	22	36	35
18	0.22	0.22	0.16	12	19	32	45
19	0.29	0.29	0.24	15	26	41	63
20	0.40	0.40	0.25	20	32	53	65
21	0.40	0.40	0.27	23	31	55	74
22	0.40	0.40	0.28	24	32	56	79
23	0.40	0.40	0.27	24	35	59	77
24	0.40	0.40	0.26	24	36	60	73
25	0.36	0.36	0.24	21	34	55	67
26	0.35	0.35	0.22	21	35	56	62
27	0.35	0.35	0.20	21	35	56	56
28	0.35	0.35	0.20	21	33	54	53
29	0.32	0.32	0.20	19	29	48	51
30	0.30	0.30	0.18	18	29	47	47
31	0.30	0.30	0.18	18	30	48	49
Monthly Total				444	715	1,159	1,047
Monthly Avg	0.25	0.25	0.19	14	23	37	52

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

March 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	--	--	--	--	0	0	--
4	--	0.47	--	--	44	44	--
5	--	0.57	--	--	51	51	--
6	--	--	--	--	--	--	--
7	--	--	--	--	--	--	--
8	--	--	--	--	--	--	--
9	--	--	--	--	--	--	--
10	--	--	--	--	--	--	--
11	--	--	--	--	--	--	--
12	0.36	--	--	22	--	22	--
13	4.54	4.20	1.39	318	546	864	423
14	6.01	5.82	--	386	723	1,109	--
15	--	--	--	--	--	--	--
16	--	--	4.40	--	--	--	1,281
17	--	--	6.06	--	--	--	1,783
18	--	--	6.16	--	--	--	1,772
19	37.7	38.1	46.0	2,010	3,406	5,416	12,269
20	97.0	97.3	88.8	4,953	7,895	12,848	23,164
21	78.4	78.2	73.5	4,565	6,128	10,692	20,075
22	72.5	72.3	61.9	4,348	5,785	10,133	17,391
23	60.8	60.5	42.4	3,646	5,261	8,907	11,898
24	46.4	46.1	23.0	2,782	4,150	6,932	6,464
25	25.7	25.4	8.49	1,484	2,400	3,884	2,384
26	13.2	12.9	--	789	1,288	2,077	--
27	3.26	3.06	--	196	306	502	--
28	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--
Monthly Total				25,498	37,983	63,481	98,904
Monthly Avg	37.1	34.2	32.9	2,125	2,713	4,534	8,991

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

March 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	2.33	2.34	17,450	29,183	48,954	3.16	124,934
2	2.30	2.29	17,249	28,828	47,942	3.10	120,878
3	2.42	2.42	18,140	30,229	50,562	3.14	110,532
4	2.51	2.52	17,435	30,004	49,917	3.13	107,455
5	2.44	2.48	15,242	27,941	44,796	3.22	110,058
6	2.39	2.36	15,149	26,731	43,681	3.32	116,547
7	2.33	2.34	17,484	29,194	49,724	3.22	127,208
8	2.71	2.72	19,487	32,615	54,936	3.35	120,740
9	2.58	2.66	17,424	31,228	50,921	3.33	122,951
10	2.44	2.49	10,310	18,642	30,041	3.36	130,521
11	--	--	--	--	--	3.37	133,092
12	2.46	2.39	18,440	30,775	51,828	3.36	133,498
13	2.46	2.46	21,492	39,913	64,145	3.26	130,367
14	2.29	2.30	18,398	35,629	56,260	3.18	115,587
15	2.25	2.29	16,876	30,142	48,966	3.04	107,790
16	2.37	2.37	17,799	29,652	50,501	3.19	122,330
17	2.49	2.47	18,106	28,546	50,146	3.72	144,238
18	2.93	2.90	20,115	32,161	55,403	3.58	135,551
19	3.76	3.72	25,052	41,560	70,887	4.81	168,826
20	5.51	5.56	35,185	56,379	95,706	6.21	213,260
21	5.60	5.66	40,790	55,475	98,143	5.75	206,568
22	4.57	4.59	34,240	45,871	83,808	5.33	197,000
23	3.81	3.80	28,570	41,365	74,729	4.63	170,888
24	3.22	3.20	24,157	36,023	65,029	4.21	155,322
25	2.87	2.89	20,764	34,048	59,631	3.85	142,022
26	2.68	2.70	20,098	33,761	59,031	3.40	125,463
27	2.62	2.69	19,640	33,651	58,280	3.22	115,876
28	2.70	2.69	20,210	31,293	56,483	3.07	106,971
29	2.66	2.65	19,928	29,793	53,711	3.02	103,360
30	2.60	2.61	19,523	31,198	53,542	3.09	105,896
31	2.56	2.56	19,232	32,054	54,393	2.99	107,000
Monthly Total			623,987	1,013,881	1,732,273		4,132,727
Monthly Avg	2.90	2.90	20,800	33,796	57,742	3.63	133,314

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

March 2026

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	0.29	0.50	44	151
2	0.29	0.50	43	148
3	0.29	0.44	43	119
4	0.29	0.40	41	104
5	0.29	0.43	37	113
6	0.29	0.50	37	133
7	0.29	0.50	44	150
8	0.29	0.50	41	137
9	0.29	0.44	40	124
10	0.29	0.40	25	118
11	0.00	0.40	0	120
12	0.28	0.35	37	106
13	0.14	0.12	27	36
14	0.10	0.10	17	28
15	0.10	0.10	15	27
16	0.10	0.10	14	29
17	0.11	0.10	16	29
18	0.13	0.10	17	29
19	0.13	0.10	16	27
20	0.15	0.10	17	26
21	0.15	0.13	18	36
22	0.16	0.15	20	42
23	0.19	0.15	25	42
24	0.19	0.15	26	42
25	0.19	0.15	26	42
26	0.19	0.12	28	33
27	0.19	0.10	28	27
28	0.19	0.10	27	26
29	0.16	0.10	23	26
30	0.15	0.10	21	26
31	0.14	0.10	21	27
Monthly Total			836	2,123
Monthly Avg	0.19	0.24	27	68

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

March 2026

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	0.61	0.60	937	1,732
2	0.61	0.60	924	1,707
3	0.60	0.60	917	1,541
4	0.60	0.60	859	1,492
5	0.59	0.60	777	1,496
6	0.58	0.60	764	1,527
7	0.58	0.60	898	1,731
8	0.58	0.60	841	1,580
9	0.58	0.60	813	1,614
10	0.57	0.60	504	1,693
11	0.00	0.61	0	1,736
12	0.57	0.60	765	1,732
13	0.57	0.60	1,103	1,749
14	0.56	0.61	1,022	1,575
15	0.56	0.61	891	1,530
16	0.56	0.60	845	1,649
17	0.55	0.61	793	1,687
18	0.55	0.61	755	1,634
19	0.54	0.60	717	1,422
20	0.54	0.60	649	1,482
21	0.54	0.58	671	1,483
22	0.54	0.59	683	1,572
23	0.54	0.60	724	1,581
24	0.54	0.58	729	1,518
25	0.54	0.57	752	1,524
26	0.54	0.57	789	1,536
27	0.54	0.58	789	1,511
28	0.54	0.58	771	1,480
29	0.54	0.58	773	1,441
30	0.54	0.58	797	1,457
31	0.53	0.58	818	1,509
Monthly Total			24,068	48,920
Monthly Avg	0.54	0.60	776	1,578

1.2.22-1 LAS Ammonia Chemical Consumption

March 2026

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith

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

March 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	0.04	1.30	10	733
13	1.59	4.86	552	2,762
14	2.89	4.81	929	2,455
15	3.22	4.71	900	2,338
16	3.50	4.76	931	2,548
17	3.39	4.70	861	2,570
18	3.86	4.64	941	2,457
19	9.34	10.4	2,186	4,794
20	23.1	26.0	4,749	12,637
21	24.3	24.0	5,103	12,010
22	20.9	28.2	4,307	14,782
23	19.4	24.1	4,358	12,579
24	18.2	19.6	4,229	10,043
25	16.4	21.6	3,959	11,274
26	12.6	21.9	3,158	11,537
27	9.70	17.6	2,504	9,065
28	9.31	14.6	2,315	7,261
29	9.49	12.6	2,339	6,134
30	8.77	12.6	2,223	6,207
31	8.32	11.8	2,252	5,979
Monthly Total			48,805	140,166
Monthly Avg	10.4	13.8	2,440	7,008

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
March 2026

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	0.64	0.63	441	817
2	0.64	0.63	438	804
3	0.64	0.63	439	726
4	0.64	0.63	415	702
5	0.64	0.63	379	704
6	0.64	0.63	374	718
7	0.64	0.63	445	815
8	0.63	0.63	409	743
9	0.62	0.63	393	759
10	0.62	0.63	247	796
11	--	0.64	--	817
12	0.61	0.62	371	805
13	0.62	0.63	546	814
14	0.64	0.62	525	727
15	0.64	0.62	458	707
16	0.64	0.62	437	762
17	0.64	0.62	415	780
18	0.64	0.62	398	755
19	0.64	0.62	382	658
20	0.66	0.62	357	693
21	0.67	0.64	374	734
22	0.67	0.64	381	771
23	0.67	0.64	404	766
24	0.67	0.64	406	752
25	0.67	0.64	419	767
26	0.67	0.64	440	773
27	0.67	0.64	440	753
28	0.66	0.63	421	721
29	0.65	0.63	418	702
30	0.65	0.63	431	710
31	0.65	0.63	448	735
Monthly Total			12,449	23,285
Monthly Avg	0.65	0.63	415	751

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

March 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	18.9	10.0	824	814	17	31
2	18.7	10.4	793	1,035	16	31
3	21.5	9.18	961	918	17	28
4	19.0	13.4	788	1,082	16	31
5	16.1	15.5	684	1,154	16	28
6	20.8	14.3	1,391	1,271	26	34
7	18.2	13.7	662	1,160	14	32
8	20.5	14.1	1,014	1,226	19	33
9	17.4	12.4	708	1,243	16	35
10	49.2	16.2	1,541	1,499	12	35
11	14.8	15.9	960	1,501	25	34
12	13.0	14.7	1,502	1,407	44	36
13	17.6	15.7	555	1,534	12	37
14	18.6	15.7	795	1,676	16	41
15	15.2	15.6	565	1,651	14	40
16	20.5	15.0	850	1,729	16	44
17	12.5	13.9	459	1,437	14	39
18	19.7	14.5	628	1,445	12	43
19	15.5	20.8	683	2,083	17	54
20	9.79	18.8	451	1,392	18	28
21	11.3	232	572	1,710	19	34
22	10.5	20.6	566	1,594	21	29
23	11.1	22.7	558	1,848	19	31
24	15.9	21.7	893	2,056	21	36
25	10.2	21.4	521	2,000	20	35
26	13.1	14.6	780	1,260	23	30
27	10.3	14.2	520	1,038	19	28
28	14.9	9.62	649	962	17	25
29	14.3	8.23	521	582	14	25
30	14.9	8.91	651	580	17	25
31	13.8	8.01	389	583	11	28
Monthly Total			23,430	41,467	557	1,041
Monthly Avg	16.7	21.7	756	1,338	18	34

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

March 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)		409	0.0	110	35	13	568	60.14			496.52		
Solids (kg)	TSS	206,728	0	11,511			218,239						
	Aluminium	13,163	0	3,985			17,148						
# of Bypasses						2		Min	Max	Avg	Min	Max	Avg
pH								6.3	8.0	7.5	6.7	8.2	7.7
Total Chlorine (mg/L)								0.00	0.00	0.00	0.00	0.00	0.00
Sulfite (mg/L)								0.85	20.0	6.57	1.29	20.0	6.45

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

March 2026

		Clarifier Blowdown	Clarifier Washdown *	Backwash Water	Filter To Waste	Bypass	LLP Flush	HLP Cooling	Total	De-chlorinated Waste flow to		
Volume (ML)		578	0.0	407	235	0.0	0.6	25	1,246	1,041		
Solids (kg)	TSS	312,561	0	43,249					355,811			
	Aluminium	26,117	0	14,971					41,088			
# of Bypasses						0				Min	Max	Avg
pH										6.78	7.84	7.35
Total Chlorine (mg/L)										0.00	0.00	0.00
Sulphite (mg/L)										0.16	20.0	4.18

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

March 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
MARCH	4,039	188	168	7,780	277	323	11,819	461	392	891	2,838	3,729

2026 - HIGH 5-DAY DEMAND

	PLANTS PROD (ML/d)	RES. GAIN / LOSS (%)	RES. GAIN / LOSS (ML)	TOTAL DEMAND (ML)
27-Feb-2026	424	7.5	46.9	377
28-Feb-2026	418	6.0	37.9	380
01-Mar-2026	420	4.3	27.3	392
02-Mar-2026	415	4.7	29.7	386
03-Mar-2026	388	0.6	3.7	384
			AVERAGE:	384

Year to Date Data	2026	2025	% CHANGE
TOTAL PRODUCTION TO DATE (ML)	33,841	33,233	1.8
AVG. DAILY DEMAND TO DATE (ML)	376	369	1.9
PEAK DAILY DEMAND TO DATE (ML)	392	390	0.6
PEAK HOURLY DEMAND TO DATE (ML)	519	519	0.0
HIGH 5-DAY AVERAGE TO DATE (ML)	384	379	1.2

Peak daily demand of 392 ML/d occurred on March 01, 2026

Peak hourly demand of 519 ML/d occurred on March 15, 2026 @ 20:00

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

March 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	1.74	1.85	1.76	1.84	1.89	1.86	1.35	1.49	1.44	1.68	1.74	1.70	1.68	1.75	1.70	1.12	1.20	1.16
2	1.76	1.92	1.82	1.76	1.90	1.88	1.24	1.67	1.48	1.66	1.75	1.71	1.58	1.77	1.71	1.15	1.23	1.19
3	1.71	1.83	1.73	1.73	1.90	1.86	1.32	1.79	1.51	1.68	1.75	1.70	1.68	1.78	1.70	1.15	1.23	1.18
4	--	--	--	1.78	1.90	1.84	--	--	--	1.65	1.72	1.69	1.59	1.72	1.68	1.13	1.21	1.16
5	--	--	--	1.74	1.84	1.82	1.28	1.84	1.47	1.61	1.70	1.67	1.60	1.71	1.67	1.11	1.19	1.16
6	1.54	1.68	1.62	1.70	1.97	1.87	1.34	1.89	1.44	1.61	1.69	1.66	1.64	1.69	1.66	1.09	1.20	1.15
7	1.65	1.87	1.67	1.94	2.00	1.97	1.41	1.86	1.43	1.63	1.69	1.66	1.58	1.68	1.66	1.15	1.24	1.20
8	1.68	1.85	1.70	1.61	2.02	1.96	1.37	1.47	1.45	1.62	1.71	1.66	1.64	1.70	1.65	1.15	1.22	1.19
9	1.61	1.92	1.71	1.92	1.98	1.95	--	--	--	1.64	1.69	1.65	1.59	1.71	1.65	1.14	1.22	1.18
10	1.72	1.81	1.74	1.92	1.97	1.95	1.26	1.90	1.44	1.61	1.70	1.67	1.57	1.70	1.65	1.11	1.22	1.18
11	1.67	1.72	1.69	1.91	1.96	1.93	1.40	1.61	1.42	1.63	1.71	1.66	1.58	1.74	1.64	1.16	1.24	1.20
12	1.67	1.70	1.68	1.58	1.99	1.91	1.23	1.70	1.41	1.62	1.70	1.67	1.61	1.66	1.63	1.15	1.23	1.19
13	--	--	--	1.90	1.94	1.92	--	--	--	1.62	1.85	1.71	1.60	1.73	1.66	1.14	1.22	1.18
14	1.96	1.96	1.96	1.92	2.02	1.94	--	--	--	1.80	1.85	1.82	1.62	1.74	1.66	1.15	1.22	1.19
15	1.80	1.97	1.81	1.92	1.97	1.95	--	--	--	1.78	1.84	1.81	1.57	1.74	1.64	1.15	1.21	1.18
16	1.78	2.03	1.81	1.87	1.98	1.94	1.37	1.92	1.45	1.77	1.82	1.79	1.57	1.67	1.63	1.12	1.20	1.17
17	1.80	1.97	1.82	1.77	2.07	1.96	1.44	1.83	1.47	1.78	1.83	1.79	1.57	1.65	1.63	1.10	1.19	1.15
18	1.83	1.98	1.85	1.92	1.99	1.97	1.30	1.88	1.45	1.78	1.85	1.81	1.61	1.67	1.64	1.12	1.20	1.16
19	1.50	2.02	1.85	1.92	2.02	1.96	--	--	--	1.66	1.84	1.81	1.55	1.71	1.63	1.09	1.17	1.13
20	1.83	2.02	1.86	1.86	1.97	1.94	1.28	1.84	1.40	1.74	1.81	1.78	1.53	1.81	1.64	1.09	1.22	1.16
21	1.80	1.91	1.85	1.87	1.94	1.92	1.30	1.49	1.39	1.66	1.78	1.74	1.63	1.69	1.65	1.17	1.23	1.20
22	1.52	1.93	1.83	1.88	1.95	1.92	--	--	--	1.73	1.79	1.75	1.63	1.67	1.65	1.16	1.23	1.20
23	1.78	1.92	1.82	1.86	1.96	1.93	--	--	--	1.74	1.81	1.77	1.63	1.66	1.65	1.15	1.21	1.18
24	1.78	1.90	1.80	1.84	1.95	1.92	--	--	--	1.71	1.78	1.75	1.63	1.78	1.65	1.14	1.33	1.24
25	1.77	1.93	1.80	1.82	1.93	1.90	--	--	--	1.70	1.76	1.73	1.62	1.77	1.65	1.26	1.34	1.30
26	1.78	1.95	1.81	1.83	1.94	1.87	--	--	--	1.70	1.76	1.73	1.63	1.69	1.66	1.24	1.32	1.28
27	1.77	1.92	1.82	1.74	1.94	1.88	--	--	--	1.70	1.80	1.74	1.65	1.81	1.67	1.23	1.30	1.26
28	1.49	1.97	1.83	1.85	1.95	1.90	--	--	--	1.63	1.79	1.76	1.65	1.69	1.67	1.19	1.28	1.23
29	1.81	1.97	1.88	1.82	1.97	1.88	1.52	1.69	1.59	1.64	1.79	1.75	1.66	1.73	1.68	1.18	1.24	1.21
30	1.83	2.04	1.91	1.85	1.92	1.90	1.24	1.91	1.56	1.72	1.79	1.75	1.66	1.70	1.68	1.14	1.35	1.25
31	1.62	1.98	1.92	1.48	1.97	1.90	1.35	1.92	1.56	1.72	1.78	1.76	1.66	1.78	1.69	1.25	1.43	1.34
Monthly Min/Max/Avg	1.49	2.04	1.80	1.48	2.07	1.91	1.23	1.92	1.46	1.61	1.85	1.73	1.53	1.81	1.66	1.09	1.43	1.20

NOTES: '--' Indication Analyzer Offline

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

March 2026

Reservoir	Rosslyn 1			Londonderry			N. Jasper Place			Rosslyn 2			Thorncliffe			Blackmud Creek		
Day	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1				1.62	1.86	1.76	1.61	1.91	1.66	1.19	1.98	1.64	1.67	1.89	1.69	1.71	1.75	1.74
2				1.64	1.88	1.78	1.53	1.91	1.66	1.44	1.97	1.66	1.68	1.88	1.70	1.72	1.77	1.74
3	1.77	1.84	1.79	1.70	1.88	1.78	1.63	1.91	1.68	1.50	1.95	1.68	1.68	1.87	1.70	1.71	1.76	1.74
4				1.67	1.85	1.77	1.60	1.89	1.66	1.53	2.02	1.70				1.70	1.74	1.72
5	1.73	1.85	1.79	1.64	1.84	1.76	1.59	1.89	1.64	1.64	1.76	1.70	1.60	1.82	1.64	1.69	1.74	1.71
6	1.75	1.88	1.79	1.69	1.87	1.78	1.65	1.87	1.73	1.45	2.07	1.70	1.62	1.99	1.68	1.68	1.72	1.70
7	--	--	--	1.67	1.87	1.79	1.77	2.01	1.85	1.61	2.00	1.72	1.70	1.91	1.72	1.68	1.72	1.70
8	--	--	--	1.73	1.88	1.80	--	--	--	1.63	1.78	1.70	--	--	--	1.68	1.71	1.70
9	--	--	--	1.77	1.88	1.82	1.70	1.99	1.80	1.60	1.72	1.69	1.68	1.94	1.71	1.68	1.72	1.70
10	1.70	1.81	1.76	1.74	1.88	1.80	1.72	2.01	1.81	1.60	1.73	1.67	1.69	1.93	1.71	1.67	1.71	1.70
11	1.68	1.80	1.75	1.71	1.80	1.75	1.71	2.06	1.79	1.30	1.84	1.66	1.59	1.91	1.68	1.68	1.72	1.70
12	1.71	1.77	1.74	1.36	1.82	1.74	1.70	1.80	1.78	--	--	--	1.61	1.71	1.67	1.67	1.71	1.69
13	--	--	--	1.71	1.86	1.74	--	--	--	1.29	1.95	1.67	--	--	--	1.67	1.73	1.70
14	--	--	--	1.70	1.87	1.79	1.79	2.04	1.81	1.45	2.16	1.71	1.73	1.94	1.73	1.68	1.74	1.71
15	1.75	1.88	1.80	1.70	1.89	1.79	1.72	2.03	1.82	1.61	2.08	1.73	1.72	1.93	1.73	1.71	1.76	1.74
16	1.77	1.86	1.81	1.72	1.89	1.79	1.73	2.00	1.79	1.52	2.05	1.74	1.64	1.94	1.72	1.73	1.77	1.75
17	1.79	1.83	1.81	1.73	1.90	1.79	1.71	2.03	1.80	1.58	2.00	1.74	1.72	1.97	1.72	1.73	1.77	1.75
18	--	--	--	1.75	1.90	1.81	1.73	2.11	1.81	1.65	1.94	1.74	1.75	1.95	1.80	1.74	1.78	1.75
19	--	--	--	1.76	1.89	1.80	1.68	2.05	1.78	1.66	1.96	1.73	1.70	1.96	1.72	1.72	1.78	1.76
20	1.75	1.81	1.79	1.75	1.89	1.79	1.70	2.03	1.77	1.64	1.92	1.71	1.68	1.89	1.70	1.65	1.75	1.71
21	--	--	--	1.72	1.84	1.78	1.75	1.95	1.76	1.67	1.88	1.70	1.68	1.92	1.69	1.54	1.65	1.59
22	--	--	--	1.65	1.84	1.76	1.71	2.02	1.76	1.64	1.72	1.69	1.70	1.90	1.72	1.53	1.57	1.56
23	--	--	--	1.68	1.85	1.72	1.67	2.00	1.73	1.61	1.70	1.67	1.66	1.94	1.70	1.55	1.60	1.57
24	1.69	1.75	1.72	1.69	1.88	1.72	1.71	1.97	1.75	1.60	1.70	1.65	1.69	1.87	1.71	1.55	1.61	1.58
25	--	--	--	1.56	1.84	1.73	1.70	1.96	1.75	1.56	1.97	1.66	1.65	1.89	1.71	1.54	1.58	1.56
26	--	--	--	1.65	1.85	1.75	1.65	1.83	1.72	1.50	1.70	1.65	1.68	1.92	1.69	1.53	1.57	1.56
27	--	--	--	1.69	1.85	1.74	1.28	2.00	1.72	1.61	1.90	1.69	1.65	1.95	1.67	1.55	1.59	1.58
28	1.73	1.80	1.77	1.56	1.92	1.75	1.66	2.00	1.71	1.59	2.06	1.72	1.65	1.89	1.67	1.56	1.60	1.58
29	--	--	--	1.56	1.87	1.77	1.62	1.97	1.69	1.59	2.07	1.74	1.65	1.90	1.67	1.55	1.59	1.57
30	--	--	--	1.60	1.90	1.75	1.69	1.96	1.71	1.47	2.06	1.69	1.66	1.93	1.71	1.53	1.57	1.55
31	1.69	1.76	1.73	1.61	1.88	1.80	1.66	1.99	1.71	1.49	1.99	1.67	1.68	1.93	1.72	1.53	1.56	1.55
Monthly Min/Max/Avg	1.68	1.88	1.77	1.36	1.92	1.77	1.28	2.11	1.75	1.19	2.16	1.69	1.59	1.99	1.70	1.53	1.78	1.67

NOTES: '--' Indication Analyzer Offline

1.2.31 Orthophosphate Chemical
- March 2026

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	0.90	0.85	548	975
2	0.90	0.85	538	992
3	0.90	0.85	586	930
4	0.90	0.85	530	833
5	0.90	0.85	458	846
6	0.90	0.85	413	853
7	0.90	0.85	543	931
8	0.90	0.85	510	933
9	0.90	0.85	530	869
10	0.90	0.85	367	1,034
11	--	0.85	0	988
12	0.90	0.85	349	947
13	0.90	0.85	737	908
14	0.90	0.85	646	897
15	0.90	0.85	587	839
16	0.90	0.85	524	848
17	0.90	0.83	512	921
18	0.90	0.85	506	922
19	0.90	0.85	498	803
20	0.90	0.85	437	833
21	0.90	0.85	469	852
22	0.90	0.85	466	925
23	0.90	0.85	481	904
24	0.90	0.85	449	917
25	0.90	0.85	504	861
26	0.90	0.85	522	937
27	0.90	0.81	550	851
28	0.90	0.85	484	829
29	0.90	0.85	540	840
30	0.90	0.85	501	915
31	0.90	0.85	596	898
Monthly Total			15,383	27,832
Monthly Avg	0.90	0.85	496	898

NOTES: ' -- ' indicates plant offline
- Fluoride consumption (kg) at 100% by weight (solution delivered to sites at a concentration of 21.8%)

1.2.32 Summary of Mainbreaks

March 2026

Date and Time Reported	Location of Mainbreak	Repaired (Time)	Size	Type**
3/1/2026 11:45	2970-PARSONS ROAD NW	3/1/2026 18:30	300	AC
3/1/2026 7:57	10181-104 STREET NW	3/1/2026 21:52	150	CI
3/2/2026 12:49	12213-125 STREET NW	3/3/2026 14:00	450	CI
3/8/2026 11:34	8003-44 AVENUE NW	3/9/2026 10:00	200	AC
3/12/2026 9:32	601-ROMANIUK ROAD NW	3/12/2026 20:30	200	AC
3/12/2026 17:03	4123U-125 STREET NW	3/13/2026 17:15	150	AC
3/13/2026 16:43	12241-95 STREET NW	3/14/2026 16:20	150	CI
3/15/2026 7:54	8507-148 STREET NW	3/15/2026 18:40	200	CI
3/18/2026 10:58	13448-112 STREET NW	3/19/2026 9:30	150	CI
3/18/2026 17:58	10125-144 STREET NW	3/20/2026 15:30	50	AC
3/18/2026 19:40	10050-86 AVENUE NW	3/19/2026 15:12	200	AC
3/19/2026 9:30	13448-112 STREET NW	3/19/2026 15:25	150	CI
3/19/2026 8:08	13303-133 AVENUE NW	3/20/2026 9:43	200	CI
3/19/2026 13:16	7240-118 AVENUE NW	3/19/2026 18:00	150	CI
3/19/2026 12:54	13628-137 STREET NW	3/20/2026 11:22	150	CI
3/22/2026 1:15	12959-114 STREET NW	3/22/2026 20:08	150	CI
3/23/2026 9:13	9504-87 STREET NW	3/23/2026 20:44	150	CI
3/25/2026 9:04	9301-106A AVENUE NW	In Progress	150	CI
3/25/2026 12:41	11379-111 AVENUE NW	3/27/2026 11:14	250	PVC
3/27/2026 19:54	15004-62 STREET NW	3/27/2026 21:05	150	AC
3/28/2026 3:46	10926-119 STREET NW	3/28/2026 18:30	150	CI
3/30/2026 8:35	12423-75 STREET NW	3/30/2026 18:48	200	CI
3/30/2026 15:51	12003-KINGSWAY NW	3/30/2026 16:00	200	PVC
3/31/2026 9:25	15004-62 STREET NW	3/31/2026 15:00	150	AC

Month	Total Breaks By Month
Jan-26	31
Feb-26	24
Mar-26	24
Apr-26	
May-26	
Jun-26	
Jul-26	
Aug-26	
Sep-26	
Oct-26	
Nov-26	
Dec-26	
YTD 2026	**79**

CI	Cast Iron Pipe
COP	Copper Pipe
CCP	Concrete Cylinder Pipe
PVC	Poly Vinyl Chloride Pipe
AC	Asbestos Cement Pipe
HPLCP	Hyperscon Cylinder Prestressed Lined Concrete Cylinder Pipe
FRP	Fibre Glass Pipe
STL	Steel Pipe
HDP	High Density Polyethylene

2.1.1 SUMMARY OF PARAMETERS FOR EDMONTON DRINKING WATER

Water Treatment Plants

March 2026

Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Alkalinity total (mg CaCO3/L)	61	119.9	91.0 - 134.0	179	125.0	91.0 - 139.0		
Aluminum (mg/L)	2	0.126	0.079 - 0.172	6	0.091	0.067 - 0.172	2.900 (0.100)	
Arsenic (mg/L)	2	<0.0002	<0.0002	6	0.0002	<0.0002 - 0.0002	0.0100	
Bromate Dissolved (mg/L)	10	<0.005	<0.005	26	0.005	<0.005	0.010	
Bromodichloromethane (µg/L)	61	0.9	<0.5 - 2.0	179	0.9	<0.5 - 2.0		
Cadmium (mg/L)	2	<0.00002	<0.00002	6	<0.00002	<0.00002	0.00700	
Calcium Hardness (mg/L CaCO3)	61	119.0	98.0 - 132.0	179	122.4	98.0 - 136.0		
Chlorate Dissolved (mg/L)	10	0.20	0.09 - 0.50	26	0.19	0.09 - 0.50	1.00	
Chloride Dissolved (mg/L)	10	8.8	5.5 - 16.2	26	7.2	4.8 - 16.2	(250.0)	
Chlorine total (mg/L)	61	2.00	1.83 - 2.14	179	2.01	1.82 - 2.21		
Chlorite Dissolved (mg/L)	10	0.020	<0.005 - 0.136	26	0.011	<0.005 - 0.136	1.000	
Chloroform (µg/L)	61	9.8	4.8 - 16.1	179	12.1	4.8 - 19.5	(40.0)	
Chromium (mg/L)	2	<0.0002	<0.0002	6	<0.0002	<0.0002	0.0500	
Colour (TCU)	61	0.8	<0.5 - 1.5	179	0.9	<0.5 - 1.7	(15.0)	10.0
Conductivity (µS/cm)	10	416.2	397.0 - 434.0	26	403.2	357.0 - 434.0		
Copper (mg/L)	2	<0.002	<0.002	6	<0.002	<0.002	2.000 (1.000)	
Cryptosporidium (oocysts/100L)	2	<0.1	<0.1	6	<0.1	<0.1		
Fluoride (mg/L)	61	0.71	0.63 - 0.78	179	0.71	0.63 - 0.78	1.50	0.60 - 0.80
Giardia (cysts/100L)	2	<0.1	<0.1	6	<0.1	<0.1		
Haloacetic acids total (HAA5) (µg/L)	2	14.60	14.40 - 14.80	6	16.58	14.40 - 18.60	80.00	40.00
Iron (mg/L)	2	<0.005	<0.005	6	<0.005	<0.005	(0.100)	
Manganese (mg/L)	2	<0.002	<0.002	6	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	2	<0.0050	<0.0050	6	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	10	0.12	0.09 - 0.22	26	0.10	0.08 - 0.22	10.00	
Nitrite (as N) dissolved (mg/L)	10	0.02	0.02	26	0.02	0.02	1.00	
Nitrosodimethylamine, N- [NDMA] (µg/L)	2	0.00097	<0.0009 - 0.00104	6	0.00092	<0.0009 - 0.00104	0.04000	0.01000
pH	61	8	8	179	8	8		7 - 8
Potassium (mg/L)	2	0.7	0.7	6	0.8	0.7 - 0.8		
Sodium (mg/L)	2	7.5	7.2 - 7.8	6	7.8	6.6 - 9.8	(200.0)	
Sulphate Dissolved (mg/L)	10	76.8	67.7 - 95.5	26	70.3	62.0 - 95.5	(500.0)	
Total Dissolved Solids (mg/L)	2	233.00	229.00 - 237.00	6	224.50	214.00 - 237.00	(500.00)	
Total Hardness (mg/L CaCO3)	61	181.0	146.0 - 204.0	179	185.1	146.0 - 204.0		
Total Organic Carbon (mg/L)	10	1.4	0.9 - 1.8	26	1.4	0.9 - 1.8		
Trihalomethanes (µg/L)	61	10.9	5.5 - 18.3	179	13.1	5.5 - 20.7	100.0	50.0
Turbidity (NTU)	61	0.05	<0.04 - 0.32	179	0.05	<0.04 - 0.32	(3.00)	1.00
Uranium (mg/L)	2	0.0006	0.0005 - 0.0006	6	0.0005	0.0005 - 0.0006	0.0200	
Zinc (mg/L)	2	<0.005	<0.005	6	<0.005	<0.005	(5.000)	

Concentrations are reported as mg/L unless otherwise indicated.
Alkalinity and Hardness (Ca and Total) are reported as mg $CaCO_3$/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 – March 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, commons 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.

"Variances" 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
Cryptosporidium ≥ 1/1000 L	0	0
Giardia ≥ 1/1000 L	0	0
Other	0	0
Total Variances + Violations	0	0

2.1.3.6 **Variances from EPCOR Water Services Water Quality Objectives in the Field Reservoirs and Distribution System**

Variance Category[1]	This Month	YTD
Turbidity > 1 NTU	4	6
Chlorine < 1 mg/L or > 2.4 mg/L	1	2
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	2	2
Iron > 0.10 mg/L	1	2
Other	0	0
Total Variances + Violations	8	12

2.2.1 BACTERIOLOGICAL DATA

Water Treatment Plants

March 2026

Location	#	Mean	Range	YTD #	YTD Mean	YTD Range
EL Smith Raw						
Coliforms total (MPN/100 mL)	4	243.7	23.3 - 840.0	12	122.9	22.8 - 840.0
E. coli (MPN/100 mL)	4	6.3	1.0 - 20.0	12	2.4	1.0 - 20.0
Rossdale Raw						
Cellular ATP (pg/mL)	2	252.9	202.0 - 303.8	4	134.4	14.6 - 303.8
Coliforms total (MPN/100 mL)	29	1308.8	25.3 - 6510.0	87	557.7	25.3 - 6510.0
E. coli (MPN/100 mL)	29	91.0	1.0 - 914.0	87	44.4	1.0 - 914.0
EL Smith Treated						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.2	90	0.1	<0.10 - 0.4
Coliforms total (PA/100mL)	30	-VE	-VE	88	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	88	-VE	-VE
Rossdale Treated						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.2	88	0.1	<0.10 - 0.4
Coliforms total (PA/100mL)	29	-VE	-VE	86	-VE	-VE
E. coli (PA/100mL)	29	-VE	-VE	86	-VE	-VE
EL Smith Reservoir						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.3	90	0.1	<0.10 - 0.4
Coliforms total (PA/100mL)	30	-VE	-VE	88	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	88	-VE	-VE
Rossdale Reservoir						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.2	89	0.1	<0.10 - 0.3
Coliforms total (PA/100mL)	29	-VE	-VE	88	-VE	-VE
E. coli (PA/100mL)	29	-VE	-VE	88	-VE	-VE

2.2.2 BACTERIOLOGICAL DATA

Distribution System

March 2026

Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range
Cellular ATP (pg/mL)	123	0.2	<0.10 - 9.4	349	0.2	<0.10 - 9.4
Chlorine total (mg/L)	219	1.84	1.09 - 2.42	646	1.84	0.35 - 2.42
Coliforms total (MPN/100 mL)				2	Not Detected	Not Detected
Coliforms total (PA/100mL)	219	-VE	-VE	644	-VE	-VE
E. coli (MPN/100 mL)				2	Not Detected	Not Detected
E. coli (PA/100mL)	219	-VE	-VE	644	-VE	-VE
Turbidity (NTU)	219	0.13	0.04 - 1.46	646	0.13	<0.04 - 1.48

219

Count of Bacteriological Tests

104%

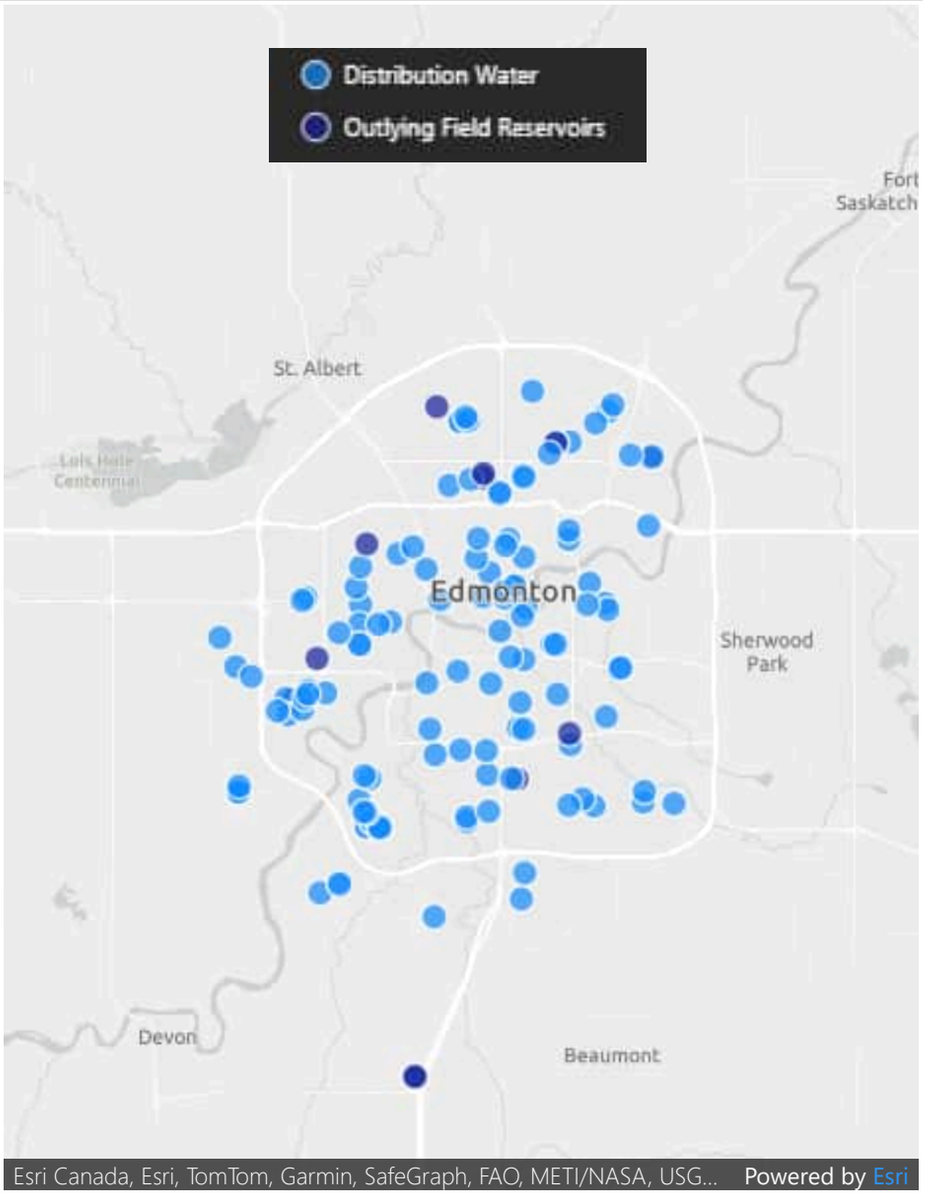
Percent of Target Sampling (210)

56%

Analyzed by AHS

44%

Analyzed by Epcor



2.2.3 SUMMARY OF GIARDIA AND CRYPTOSPORIDIUM

Water Treatment Plants

March 2026

Location	EL Smith Reservoir		Rossdale Reservoir	
Date	Cryptosporidium	Giardia	Cryptosporidium	Giardia
Jan 12	<0.1	<0.1	<0.1	<0.1
Feb 09	<0.1	<0.1		
Feb 11			<0.1	<0.1
Mar 02			<0.1	<0.1
Mar 10	<0.1	<0.1		

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rossdale Water Treatment Plant

March 2026

Parameter (units)	#	Mean	Range	YTD #	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Microbiologicals								
Coliforms total (PA/100mL)	29	-VE	-VE	88	-VE	-VE	0.0	
Cryptosporidium (oocysts/100L)	1	<0.1	<0.1	3	0.1	<0.1		
E. coli (PA/100mL)	29	-VE	-VE	88	-VE	-VE	0.0	
Giardia (cysts/100L)	1	<0.1	<0.1	3	0.1	<0.1		
Physical								
Colour (TCU)	30	0.8	<0.5 - 1.3	89	0.9	<0.5 - 1.7	(15.0)	10.0
Conductivity (µS/cm)	5	417.4	404.0 - 430.0	13	404.3	357.0 - 430.0		
pH	30	8	8	89	8	8		7 - 8
Total Dissolved Solids (mg/L)	1	229.00	229.00	3	224.67	214.00 - 231.00	(500.00)	
Turbidity (NTU)	30	0.05	<0.04 - 0.32	89	0.05	<0.04 - 0.32	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	3	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	<0.0002	<0.0002	3	<0.0002	<0.0002	0.0100	
Barium (mg/L)	1	0.062	0.062	3	0.062	0.062 - 0.063	2.000	
Boron (mg/L)	1	0.010	0.010	3	0.010	0.009 - 0.010	5.000	
Bromate Dissolved (mg/L)	5	<0.005	<0.005	13	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	3	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	5	0.29	0.20 - 0.50	13	0.27	0.20 - 0.50	1.00	
Chlorine total (mg/L)	30	2.01	1.86 - 2.14	89	2.01	1.82 - 2.21		
Chlorite Dissolved (mg/L)	5	0.031	<0.005 - 0.136	13	0.015	<0.005 - 0.136	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	3	<0.0002	<0.0002	0.0500	
Cyanide (mg/L)				1	<0.002	<0.002	0.2000	
Fluoride (mg/L)	30	0.72	0.65 - 0.78	89	0.72	0.65 - 0.78	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	3	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	3	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	3	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	5	0.12	0.09 - 0.22	13	0.10	0.08 - 0.22	10.00	
Nitrite (as N) dissolved (mg/L)	5	0.02	0.02	13	0.02	0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	3	0.0003	0.0002 - 0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	3	0.0005	0.0005 - 0.0006	0.0200	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rossdale Water Treatment Plant

March 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	100.000	
2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L)				1	<0.050	<0.050	350.000	
Atrazine + metabolites (µg/L)				1	<0.10	<0.10	5.00	
Benzene (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50	5.0	
Benzo(a)pyrene (µg/L)				1	<0.005	<0.005	0.0400	
Bromoxynil (µg/L)				1	<0.050	<0.050	30.000	
Carbon Tetrachloride (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50	2.0	
Chlorpyrifos (µg/L)				1	<0.10	<0.10	90.00	
Cyanazine (µg/L)				1	<0.100	<0.100		
Dicamba (µg/L)				1	<0.10	<0.10	110.00	
Dichlorobenzene (1,4) (µg/L)	30	<0.5	<0.5	89	<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		
Dimethoate (µg/L)				1	<0.050	<0.050	20.000	
Diquat (µg/L)				1	<1.0	<1.0	50.0	
Ethylbenzene (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50	140.0 (1.6)	
Glyphosate (µg/L)				1	<1.00	<1.00	280.0	
Haloacetic acids total (HAA5) (µg/L)	1	14.80	14.80	3	17.20	14.80 - 18.60	80.00	40.00
Malathion (µg/L)				1	<0.0250	<0.0250	290.000	
Methylene Chloride (Dichloromethane) (µg/L)	30	<0.5	<0.5	89	<1.00	<0.5 - <1.00	50.0	
Metribuzin (µg/L)				1	<0.100	<0.100	80.00	
Microcystin total (µg/L)				1	<0.15	<0.15	1.50	
Nitrilotriacetic acid (NTA) (mg/L)				1	<0.4	<0.4	0.40	
Nitrosodimethylamine, N- [NDMA] (µg/L)	1	<0.0009	<0.0009	3	0.00090	<0.0009	0.04000	0.01000
Omethoate (µg/L)				1	<0.050	<0.050		
Omethoate (as dimethoate) (µg/L)				1	<0.16	<0.16		
Pentachlorophenol (µg/L)				1	<0.50	<0.50	60.00 (30.00)	
Perfluorooctanesulfonic acid (PFOS) (ng/L)				1	<2.0	<2.0		
Perfluorooctanoic Acid (PFOA) (ng/L)				1	<2.0	<2.0		
Tetrachloroethylene (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50	10.0	
Toluene (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50	60.0 (24.0)	
Total PFAS (ng/L)				1	<12.0	<12.0		
Trichloroethylene (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50	5.0	
Trichlorophenol (2,4,6) (µg/L)				1	<0.20	<0.20	5.00 (2.00)	
Trihalomethanes (µg/L)	30	12.2	7.2 - 18.3	89	14.3	7.2 - 20.7	100.0	50.0
Vinyl Chloride (µg/L)	30	<1.0	<1.0	89	<1.0	<0.50 - <1.0	2.00	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rossdale Water Treatment Plant

March 2026

Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO3/L)	30	118.2	91.0 - 134.0	89	124.3	91.0 - 138.0		
Aluminum (mg/L)	1	0.172	0.172	3	0.103	0.067 - 0.172	2.900 (0.100)	
Ammonia as NH3 (mg/L)	20	0.13	0.09 - 0.19	47	0.10	<0.05 - 0.19		
Beryllium (mg/L)	1	<0.0002	<0.0002	3	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	5	<0.03	<0.03	13	0.03	<0.03		
Calcium (mg/L)	1	52.7	52.7	3	51.6	51.0 - 52.7		
Calcium Hardness (mg/L CaCO3)	30	119.4	98.0 - 132.0	89	122.8	98.0 - 136.0		
Chloride Dissolved (mg/L)	5	9.4	5.5 - 16.2	13	7.4	4.8 - 16.2	(250.0)	
Chlorine free (mg/L)	2	<0.07	<0.07	4	<0.07	<0.07		
Cobalt (mg/L)	1	<0.0002	<0.0002	3	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	3	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	3	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0037	0.0037	3	0.0036	0.0035 - 0.0037		
Magnesium (mg/L)	1	15.9	15.9	3	15.6	15.3 - 15.9		
Molybdenum (mg/L)	1	0.0006	0.0006	3	0.0006	0.0006 - 0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	3	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	1	<0.02	<0.02	3	0.02	<0.02 - 0.02		
Phosphorus (mg/L)	1	<0.02	<0.02	3	<0.02	<0.02		
Potassium (mg/L)	1	0.7	0.7	3	0.8	0.7 - 0.8		
Silicon (mg/L)	1	2.52	2.52	3	2.41	2.35 - 2.52		
Silver (mg/L)	1	<0.00002	<0.00002	3	<0.00002	<0.00002		
Sodium (mg/L)	1	7.2	7.2	3	7.9	6.6 - 9.8	(200.0)	
Strontium (mg/L)	1	0.476	0.476	3	0.467	0.454 - 0.476	7.000	
Sulphate Dissolved (mg/L)	5	76.4	68.4 - 86.3	13	70.4	62.4 - 86.3	(500.0)	
Sulphide (mg/L)				1	<0.0015	<0.0015	(0.0500)	
Thallium (mg/L)	1	<0.0002	<0.0002	3	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	30	180.5	146.0 - 204.0	89	185.3	146.0 - 204.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	3	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	3	<0.005	<0.005	(5.000)	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rossdale Water Treatment Plant

March 2026

Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Xylenes total (µg/L)	30	<1.0	<1.0	89	<1.0	<0.50 - <1.0	90.00 (20.00)	
Xylene (1,4) (µg/L)	30	<0.5	<0.5	89	<0.5	<0.40 - <0.5		
Xylene (1,2) (µg/L)	30	<0.5	<0.5	89	<0.5	<0.30 - <0.5		
Trichloroethane (1,1,1) (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50		
Trichlorobenzene (1,2,4) (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50		
Trichloroacetic acid (µg/L)	1	8.03	8.03	3	8.98	8.03 - 9.85		
Total Volatile Organics (Non THM) (µg/L)	30	1.1	<1.0 - 1.3	87	1.0	<1.0 - 1.3		
Total Organic Carbon (mg/L)	5	1.5	1.1 - 1.8	13	1.4	1.1 - 1.8		
Tetrachloroethane (1,1,2,2) (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50		
Styrene (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50		
Monochloroacetic acid (µg/L)	1	<1.00	<1.00	3	<1.00	<1.00		
Monobromoacetic acid (µg/L)	1	<1.00	<1.00	3	<1.00	<1.00		
Methyl t-Butyl Ether (MTBE) (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50	100.0 (15.0)	50.0
Methyl Isobutyl Ketone (MIBK) (µg/L)	30	<1.0	<1.0	89	<20	<1.0 - <20		
Dichloropropane (1,2) (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50		
Dichloroethylene trans (1,2) (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50		
Dichloroethylene cis (1,2) (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50		
Dichloroethylene (1,1) (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50	14.0	
Dichloroethane (1,2) (µg/L)	30	<0.5	<0.5	87	<0.5	<0.5	5.0	
Dichlorobenzene (1,3) (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50		
Dichlorobenzene (1,2) (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50	200.0 (3.0)	
Dichloroacetic acid (µg/L)	1	6.81	6.81	3	8.23	6.81 - 9.14		
Dibromochloromethane (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50		
Dibromoacetic acid (µg/L)	1	<1.00	<1.00	3	<1.00	<1.00		
Chloroform (µg/L)	30	10.9	5.9 - 16.1	89	13.2	5.9 - 19.5	(40.0)	
Chlorobenzene (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50		
Bromoform (µg/L)	30	<0.5	<0.5	89	<0.50	<0.5 - <0.50		
Bromodichloromethane (µg/L)	30	1.1	0.6 - 2.0	89	1.0	0.5 - 2.0		
Bromochloroacetic acid (µg/L)	1	<1.00	<1.00	3	<1.00	<1.00		
Radionuclides								
Gross Beta (Bq/L)	1	0.09	0.09	1	0.09	0.09	1.00	
Gross Alpha (Bq/L)	1	<0.11	<0.11	1	<0.11	<0.11	0.50	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L Smith Water Treatment Plant

March 2026

Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Microbiologicals								
Coliforms total (PA/100mL)	30	-VE	-VE	88	-VE	-VE	0.0	
Cryptosporidium (oocysts/100L)	1	<0.1	<0.1	3	0.1	<0.1		
E. coli (PA/100mL)	30	-VE	-VE	88	-VE	-VE	0.0	
Giardia (cysts/100L)	1	<0.1	<0.1	3	0.1	<0.1		
Physical								
Colour (TCU)	31	0.8	<0.5 - 1.5	90	0.9	<0.5 - 1.7	(15.0)	10.0
Conductivity (µS/cm)	5	415.0	397.0 - 434.0	13	402.2	363.0 - 434.0		
pH	31	8	8	90	8	8		7 - 8
Total Dissolved Solids (mg/L)	1	237.00	237.00	3	224.33	217.00 - 237.00	(500.00)	
Turbidity (NTU)	31	0.05	<0.04 - 0.28	90	0.05	<0.04 - 0.28	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	3	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	<0.0002	<0.0002	3	0.0002	<0.0002 - 0.0002	0.0100	
Barium (mg/L)	1	0.062	0.062	3	0.062	0.062 - 0.063	2.000	
Boron (mg/L)	1	0.010	0.010	3	0.010	0.009 - 0.010	5.000	
Bromate Dissolved (mg/L)	5	<0.005	<0.005	13	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	3	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	5	0.11	0.09 - 0.14	13	0.11	0.09 - 0.14	1.00	
Chlorine total (mg/L)	31	1.99	1.83 - 2.07	90	2.01	1.83 - 2.19		
Chlorite Dissolved (mg/L)	5	0.009	<0.005 - 0.023	13	0.006	<0.005 - 0.023	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	3	<0.0002	<0.0002	0.0500	
Cyanide (mg/L)				1	<0.002	<0.002	0.2000	
Fluoride (mg/L)	31	0.70	0.63 - 0.76	90	0.69	0.63 - 0.76	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	3	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	3	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	3	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	5	0.11	0.09 - 0.18	13	0.10	0.08 - 0.18	10.00	
Nitrite (as N) dissolved (mg/L)	5	0.02	0.02	13	0.02	0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	3	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0005	0.0005	3	0.0005	0.0005	0.0200	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L. Smith Water Treatment Plant

March 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	100.000	
2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L)				1	<0.050	<0.050	350.000	
Atrazine + metabolites (µg/L)				1	<0.10	<0.10	5.00	
Benzene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	5.0	
Benzo(a)pyrene (µg/L)				1	<0.005	<0.005	0.0400	
Bromoxynil (µg/L)				1	<0.050	<0.050	30.000	
Carbon Tetrachloride (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	2.0	
Chlorpyrifos (µg/L)				1	<0.10	<0.10	90.00	
Cyanazine (µg/L)				1	<0.100	<0.100		
Dicamba (µg/L)				1	<0.10	<0.10	110.00	
Dichlorobenzene (1,4) (µg/L)	31	<0.5	<0.5	90	<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		
Dimethoate (µg/L)				1	<0.050	<0.050	20.000	
Diquat (µg/L)				1	<1.0	<1.0	50.0	
Ethylbenzene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	140.0 (1.6)	
Glyphosate (µg/L)				1	<1.00	<1.00	280.0	
Haloacetic acids total (HAA5) (µg/L)	1	14.40	14.40	3	15.97	14.40 - 16.90	80.00	40.00
Malathion (µg/L)				1	<0.0250	<0.0250	290.000	
Methylene Chloride (Dichloromethane) (µg/L)	31	<0.5	<0.5	90	<1.00	<0.5 - <1.00	50.0	
Metribuzin (µg/L)				1	<0.100	<0.100	80.00	
Microcystin total (µg/L)				1	<0.15	<0.15	1.50	
Nitrilotriacetic acid (NTA) (mg/L)				1	<0.4	<0.4	0.40	
Nitrosodimethylamine, N- [NDMA] (µg/L)	1	0.00104	0.00104	3	0.00095	<0.0009 - 0.00104	0.04000	0.01000
Omethoate (µg/L)				1	<0.050	<0.050		
Omethoate (as dimethoate) (µg/L)				1	<0.16	<0.16		
Pentachlorophenol (µg/L)				1	<0.50	<0.50	60.00 (30.00)	
Perfluorooctanesulfonic acid (PFOS) (ng/L)				1	<2.0	<2.0		
Perfluorooctanoic Acid (PFOA) (ng/L)				1	<2.0	<2.0		
Tetrachloroethylene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	10.0	
Toluene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	60.0 (24.0)	
Total PFAS (ng/L)				1	<12.0	<12.0		
Trichloroethylene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	5.0	
Trichlorophenol (2,4,6) (µg/L)				1	<0.20	<0.20	5.00 (2.00)	
Trihalomethanes (µg/L)	31	9.7	5.5 - 14.9	90	11.8	5.5 - 18.3	100.0	50.0
Vinyl Chloride (µg/L)	31	<1.0	<1.0	90	<1.0	<0.50 - <1.0	2.00	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L. Smith Water Treatment Plant

March 2026

Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO3/L)	31	121.6	99.0 - 133.0	90	125.6	99.0 - 139.0		
Aluminum (mg/L)	1	0.079	0.079	3	0.079	0.077 - 0.081	2.900 (0.100)	
Ammonia as NH3 (mg/L)	21	0.07	<0.05 - 0.10	48	0.08	<0.05 - 0.11		
Beryllium (mg/L)	1	<0.0002	<0.0002	3	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	5	<0.03	<0.03	13	0.03	<0.03		
Calcium (mg/L)	1	52.2	52.2	3	51.1	50.5 - 52.2		
Calcium Hardness (mg/L CaCO3)	31	118.7	100.0 - 132.0	90	122.0	100.0 - 135.0		
Chloride Dissolved (mg/L)	5	8.1	6.2 - 14.0	13	6.9	5.5 - 14.0	(250.0)	
Chlorine free (mg/L)	1	<0.07	<0.07	3	<0.07	<0.07		
Cobalt (mg/L)	1	<0.0002	<0.0002	3	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	3	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	3	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0037	0.0037	3	0.0035	0.0033 - 0.0037		
Magnesium (mg/L)	1	15.7	15.7	3	15.4	15.3 - 15.7		
Molybdenum (mg/L)	1	0.0006	0.0006	3	0.0006	0.0006		
Nickel (mg/L)	1	<0.0005	<0.0005	3	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	1	<0.02	<0.02	3	0.02	<0.02 - 0.02		
Phosphorus (mg/L)	1	<0.02	<0.02	3	<0.02	<0.02		
Potassium (mg/L)	1	0.7	0.7	3	0.7	0.7 - 0.8		
Silicon (mg/L)	1	2.48	2.48	3	2.37	2.27 - 2.48		
Silver (mg/L)	1	<0.00002	<0.00002	3	<0.00002	<0.00002		
Sodium (mg/L)	1	7.8	7.8	3	7.7	7.2 - 8.0	(200.0)	
Strontium (mg/L)	1	0.478	0.478	3	0.467	0.451 - 0.478	7.000	
Sulphate Dissolved (mg/L)	5	77.2	67.7 - 95.5	13	70.2	62.0 - 95.5	(500.0)	
Sulphide (mg/L)				1	<0.0015	<0.0015	(0.0500)	
Thallium (mg/L)	1	<0.0002	<0.0002	3	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	31	181.5	150.0 - 204.0	90	184.9	150.0 - 204.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	3	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	3	<0.005	<0.005	(5.000)	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L. Smith Water Treatment Plant

March 2026

Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Xylenes total (µg/L)	31	<1.0	<1.0	90	<1.0	<0.50 - <1.0	90.00 (20.00)	
Xylene (1,4) (µg/L)	31	<0.5	<0.5	90	<0.5	<0.40 - <0.5		
Xylene (1,2) (µg/L)	31	<0.5	<0.5	90	<0.5	<0.30 - <0.5		
Trichloroethane (1,1,1) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Trichlorobenzene (1,2,4) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Trichloroacetic acid (µg/L)	1	7.71	7.71	3	8.63	7.71 - 9.56		
Total Volatile Organics (Non THM) (µg/L)	31	1.1	<1.0 - 1.4	88	1.0	<1.0 - 1.4		
Total Organic Carbon (mg/L)	5	1.3	0.9 - 1.6	13	1.3	0.9 - 1.7		
Tetrachloroethane (1,1,2,2) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Styrene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Monochloroacetic acid (µg/L)	1	<1.00	<1.00	3	<1.00	<1.00		
Monobromoacetic acid (µg/L)	1	<1.00	<1.00	3	<1.00	<1.00		
Methyl t-Butyl Ether (MTBE) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	100.0 (15.0)	50.0
Methyl Isobutyl Ketone (MIBK) (µg/L)	31	<1.0	<1.0	90	<20	<1.0 - <20		
Dichloropropane (1,2) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Dichloroethylene trans (1,2) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Dichloroethylene cis (1,2) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Dichloroethylene (1,1) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	14.0	
Dichloroethane (1,2) (µg/L)	31	<0.5	<0.5	88	<0.5	<0.5	5.0	
Dichlorobenzene (1,3) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Dichlorobenzene (1,2) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	200.0 (3.0)	
Dichloroacetic acid (µg/L)	1	6.70	6.70	3	7.34	6.70 - 8.32		
Dibromochloromethane (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Dibromoacetic acid (µg/L)	1	<1.00	<1.00	3	<1.00	<1.00		
Chloroform (µg/L)	31	8.7	4.8 - 13.7	90	11.0	4.8 - 17.7	(40.0)	
Chlorobenzene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Bromoform (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Bromodichloromethane (µg/L)	31	0.8	<0.5 - 1.4	90	0.8	<0.5 - 1.4		
Bromochloroacetic acid (µg/L)	1	<1.00	<1.00	3	<1.00	<1.00		
Radionuclides								
Gross Beta (Bq/L)	1	<0.05	<0.05	1	<0.05	<0.05	1.00	
Gross Alpha (Bq/L)	1	<0.12	<0.12	1	<0.12	<0.12	0.50	

2.2.5 TREATED WATER ENTERING THE PLANT RESERVOIR

E.L. Smith and Rossdale Reservoirs

March 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)	31	97.3	93.4	90	97.3	92.5 - 97.3		
UV Absorbance (UV Abs/cm)	31	0.021	0.012 - 0.030	90	0.024	0.012 - 0.034		
EL Smith Treated								
Turbidity (NTU)	31	0.04	<0.04 - 0.05	90	0.04	<0.04 - 0.09	(3.00)	0.10
Rossdale Filter Effluent								
UV 254 % Transmittance (%T/cm)	30	96.8	91.9	88	96.8	91.4 - 96.8		
UV Absorbance (UV Abs/cm)	30	0.022	0.014 - 0.037	88	0.025	0.014 - 0.039		
Rossdale Treated								
Turbidity (NTU)	30	0.04	<0.04 - 0.07	88	0.04	<0.04 - 0.07	(3.00)	0.10
Primary Organics								
EL Smith Treated								
Benzene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	5.0	
Carbon Tetrachloride (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	2.0	
Dichlorobenzene (1,4) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	5.0 (1.0)	
Ethylbenzene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	31	<0.5	<0.5	90	<1.00	<0.5 - <1.00	50.0	
Tetrachloroethylene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	10.0	
Toluene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	60.0 (24.0)	
Trichloroethylene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	5.0	
Trihalomethanes (µg/L)	31	7.7	4.2 - 12.6	90	9.6	4.2 - 19.7	100.0	50.0
Vinyl Chloride (µg/L)	31	<1.0	<1.0	90	<1.0	<0.50 - <1.0	2.00	
Rossdale Treated								
Benzene (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50	5.0	
Carbon Tetrachloride (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50	2.0	
Dichlorobenzene (1,4) (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50	5.0 (1.0)	
Ethylbenzene (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	30	<0.5	<0.5	88	<1.00	<0.5 - <1.00	50.0	
Tetrachloroethylene (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50	10.0	
Toluene (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50	60.0 (24.0)	
Trichloroethylene (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50	5.0	
Trihalomethanes (µg/L)	30	10.1	5.5 - 16.7	88	11.9	5.5 - 19.8	100.0	50.0
Vinyl Chloride (µg/L)	30	<1.0	<1.0	88	<1.0	<0.50 - <1.0	2.00	

2.2.5 TREATED WATER ENTERING THE PLANT RESERVOIR

E.L. Smith and Rossdale Reservoirs

March 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)	5	<0.005	<0.005	13	<0.005	<0.005	0.010	
Chlorate Dissolved (mg/L)	5	0.11	0.09 - 0.13	13	0.11	0.09 - 0.15	1.00	
Chlorite Dissolved (mg/L)	5	<0.005	<0.005	13	<0.005	<0.005	1.000	
Nitrate (as N) dissolved (mg/L)	5	0.11	0.09 - 0.17	13	0.10	0.08 - 0.17	10.00	
Nitrite (as N) dissolved (mg/L)	5	0.02	0.02	13	0.02	0.02	1.00	
Rossdale Treated								
Bromate Dissolved (mg/L)	5	<0.005	<0.005	13	<0.005	<0.005	0.010	
Chlorate Dissolved (mg/L)	5	0.28	0.20 - 0.48	13	0.27	0.20 - 0.48	1.00	
Chlorite Dissolved (mg/L)	5	0.011	<0.005 - 0.037	13	0.007	<0.005 - 0.037	1.000	
Nitrate (as N) dissolved (mg/L)	5	0.12	0.09 - 0.21	13	0.10	0.08 - 0.21	10.00	
Nitrite (as N) dissolved (mg/L)	5	0.02	0.02	13	0.02	0.02	1.00	
Secondary Inorganics								
EL Smith Treated								
Ammonia as NH3 (mg/L)	21	0.07	<0.05 - 0.12	48	0.08	<0.05 - 0.13		
Bromide Dissolved (mg/L)	5	<0.03	<0.03	13	0.03	<0.03		
Chloride Dissolved (mg/L)	5	7.8	6.0 - 13.0	13	6.9	5.6 - 13.0	(250.0)	
Sulphate Dissolved (mg/L)	5	76.8	68.1 - 92.6	13	70.0	62.1 - 92.6	(500.0)	
Rossdale Treated								
Ammonia as NH3 (mg/L)	20	0.12	0.08 - 0.18	46	0.09	<0.05 - 0.19		
Bromide Dissolved (mg/L)	5	<0.03	<0.03	13	0.03	<0.03		
Chloride Dissolved (mg/L)	5	8.9	5.3 - 14.7	13	7.9	4.9 - 14.7	(250.0)	
Sulphate Dissolved (mg/L)	5	76.3	68.6 - 85.6	13	70.4	62.4 - 85.6	(500.0)	

2.2.5 TREATED WATER ENTERING THE PLANT RESERVOIR

E.L. Smith and Rossdale Reservoirs

March 2026

Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
EL Smith Treated								
Bromodichloromethane (µg/L)	31	0.7	<0.5 - 1.0	90	0.7	<0.5 - 1.0		
Bromoform (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Chlorobenzene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Chloroform (µg/L)	31	6.9	3.4 - 11.4	90	8.8	3.4 - 19.2	(40.0)	
Dibromochloromethane (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Dichlorobenzene (1,2) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	200.0 (3.0)	
Dichlorobenzene (1,3) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Dichloroethylene (1,1) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	14.0	
Dichloroethylene cis (1,2) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Dichloroethylene trans (1,2) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Dichloropropane (1,2) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Methyl Isobutyl Ketone (MIBK) (µg/L)	31	<1.0	<1.0	90	<20	<1.0 - <20		
Methyl t-Butyl Ether (MTBE) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50	100.0 (15.0)	50.0
Styrene (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Tetrachloroethane (1,1,2,2) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Total Volatile Organics (Non THM) (µg/L)	31	1.0	<1.0 - 1.4	88	1.0	<1.0 - 1.4		
Trichlorobenzene (1,2,4) (µg/L)	31	<0.5	<0.5	90	<0.50	<0.5 - <0.50		
Xylene (1,2) (µg/L)	31	<0.5	<0.5	90	<0.5	<0.30 - <0.5		
Xylene (1,4) (µg/L)	31	<0.5	<0.5	90	<0.5	<0.40 - <0.5		
Xylenes total (µg/L)	31	<1.0	<1.0	90	<1.0	<0.50 - <1.0	90.00 (20.00)	
Rossdale Treated								
Bromodichloromethane (µg/L)	30	0.9	0.5 - 2.0	88	0.9	0.5 - 2.0		
Bromoform (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50		
Chlorobenzene (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50		
Chloroform (µg/L)	30	9.0	4.5 - 14.5	88	10.9	4.5 - 19.3	(40.0)	
Dibromochloromethane (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50		
Dichlorobenzene (1,2) (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50	200.0 (3.0)	
Dichlorobenzene (1,3) (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50		
Dichloroethylene (1,1) (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50	14.0	
Dichloroethylene cis (1,2) (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50		
Dichloroethylene trans (1,2) (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50		
Dichloropropane (1,2) (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50		
Methyl Isobutyl Ketone (MIBK) (µg/L)	30	<1.0	<1.0	88	<20	<1.0 - <20		
Methyl t-Butyl Ether (MTBE) (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50	100.0 (15.0)	50.0
Styrene (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50		
Tetrachloroethane (1,1,2,2) (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50		
Total Volatile Organics (Non THM) (µg/L)	30	1.1	<1.0 - 1.7	86	1.0	<1.0 - 1.7		
Trichlorobenzene (1,2,4) (µg/L)	30	<0.5	<0.5	88	<0.50	<0.5 - <0.50		
Xylene (1,2) (µg/L)	30	<0.5	<0.5	88	<0.5	<0.30 - <0.5		
Xylene (1,4) (µg/L)	30	0.5	<0.5 - 0.7	88	0.7	<0.40 - 0.70		
Xylenes total (µg/L)	30	<1.0	<1.0	88	<1.0	<0.50 - <1.0	90.00 (20.00)	

2.2.6 Routine Distribution System (Excluding Field Reservoirs)

March 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	0.0	
Coliforms total (PA/100mL)	155	-VE	-VE	476	-VE	-VE	0.0	
E. coli (MPN/100 mL)				2	Not Detected	Not Detected	0.0	
E. coli (PA/100mL)	155	-VE	-VE	476	-VE	-VE	0.0	
Physical								
Colour (TCU)				1	0.8	0.8	(15.0)	10.0
Conductivity (µS/cm)								
pH	1	8	8	5	8	8		7 - 8
Total Dissolved Solids (mg/L)				1	127.00	127.00	(500.00)	
Turbidity (NTU)	155	0.14	0.04 - 1.46	478	0.13	<0.04 - 1.48	(3.00)	1.00
UV Absorbance (UV Abs/cm)				1	0.032	0.032		
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	0.060	0.060	2.000	
Boron (mg/L)				1	0.010	0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	5	<0.005	<0.005	0.010	
Cadmium (mg/L)				1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.14	0.14	5	0.18	0.10 - 0.28	1.00	
Chlorine total (mg/L)	155	1.85	1.09 - 2.42	478	1.85	0.35 - 2.42		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	5	<0.005	<0.005	1.000	
Chromium (mg/L)				1	<0.0002	<0.0002	0.0500	
Cyanide (mg/L)				1	<0.002	<0.002	0.2000	
Fluoride (mg/L)				1	0.66	0.66	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	5	0.10	0.09 - 0.11	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.02	0.02	5	0.02	0.01 - 0.02	1.00	
Selenium (mg/L)				1	0.0003	0.0003	0.0500	
Uranium (mg/L)				1	0.0005	0.0005	0.0200	

2.2.6 Routine Distribution System (Excluding Field Reservoirs)

March 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	100.000	
2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L)				1	<0.050	<0.050	350.000	
Atrazine + metabolites (µg/L)				1	<0.10	<0.10	5.00	
Benzene (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5	5.0	
Benzo(a)pyrene (µg/L)				1	<0.005	<0.005	0.0400	
Bromoxynil (µg/L)				1	<0.050	<0.050	30.000	
Carbon Tetrachloride (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5	2.0	
Chlorpyrifos (µg/L)				1	<0.10	<0.10	90.00	
Cyanazine (µg/L)				1	<0.100	<0.100		
Dicamba (µg/L)				1	<0.10	<0.10	110.00	
Dichlorobenzene (1,4) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5	5.0	
Dichlorophenol (2,4) (µg/L)				1	<0.20	<0.20		
Dimethoate (µg/L)				1	<0.050	<0.050	20.000	
Diquat (µg/L)				1	<1.0	<1.0	50.0	
Ethylbenzene (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5	140.0 (1.6)	
Glyphosate (µg/L)				1	<1.00	<1.00	280.0	
Haloacetic acids total (HAA5) (µg/L)	2	18.45	16.50 - 20.40	10	18.86	16.50 - 20.40	80.00	40.00
Malathion (µg/L)				1	<0.0250	<0.0250	290.000	
Methylene Chloride (Dichloromethane) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5	50.0	
Metribuzin (µg/L)				1	<0.100	<0.100	80.00	
Microcystin total (µg/L)				1	<0.15	<0.15	1.50	
Nitrilotriacetic acid (NTA) (mg/L)				1	<0.4	<0.4	0.40	
Nitrosodimethylamine, N- [NDMA] (µg/L)	2	0.00315	0.00291 - 0.00338	8	0.00158	<0.0009 - 0.00338	0.04000	0.01000
Omethoate (µg/L)				1	<0.050	<0.050		
Omethoate (as dimethoate) (µg/L)				1	<0.16	<0.16		
Pentachlorophenol (µg/L)				1	<0.50	<0.50	60.00 (30.00)	
Perfluorooctanesulfonic acid (PFOS) (ng/L)				1	<2.0	<2.0		
Perfluorooctanoic Acid (PFOA) (ng/L)				1	<2.0	<2.0		
Tetrachloroethylene (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5	10.0	
Toluene (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5	60.0 (24.0)	
Total PFAS (ng/L)				1	<12.0	<12.0		
Trichloroethylene (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5	5.0	
Trichlorophenol (2,4,6) (µg/L)				1	<0.20	<0.20	5.00 (2.00)	
Trihalomethanes (µg/L)	5	17.2	11.4 - 21.8	17	15.9	11.4 - 21.8	100.0	50.0
Vinyl Chloride (µg/L)	5	<1.0	<1.0	17	<1.0	<1.0	2.0	

2.2.6 Routine Distribution System (Excluding Field Reservoirs)

March 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		
Aluminum (mg/L)				1	0.083	0.083	2.900 (0.100)	
Ammonia as NH3 (mg/L)	1	0.13	0.11 - 0.14	5	0.10	0.07 - 0.14		
Beryllium (mg/L)				1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	5	<0.03	<0.03		
Calcium (mg/L)				1	50.7	50.7		
Calcium Hardness (mg/L CaCO3)								
Chloride Dissolved (mg/L)	1	6.7	6.7	5	6.0	5.3 - 6.7	(250.0)	
Chlorine free (mg/L)				1	<0.07	<0.07		
Cobalt (mg/L)				1	<0.0002	<0.0002		
Copper (mg/L)				1	0.007	0.007	2.000 (1.000)	
Iron (mg/L)				1	<0.005	<0.005	(0.100)	
Lithium (mg/L)				1	0.0037	0.0037		
Magnesium (mg/L)				1	15.5	15.5		
Molybdenum (mg/L)				1	0.0006	0.0006		
Nickel (mg/L)				1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	1	0.88	0.88	5	0.88	0.86 - 0.90		
Phosphorus (mg/L)				1	0.98	0.98		
Potassium (mg/L)				1	0.7	0.7		
Silicon (mg/L)				1	2.46	2.46		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	7.9	7.9	(200.0)	
Strontium (mg/L)				1	0.474	0.474	7.000	
Sulphate Dissolved (mg/L)	1	70.8	70.8	5	67.2	64.8 - 70.8	(500.0)	
Sulphide (mg/L)				1	<0.0015	<0.0015	(0.0500)	
Thallium (mg/L)				1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)				1	181.0	181.0		
Vanadium (mg/L)				1	<0.0005	<0.0005		
Zinc (mg/L)				1	<0.005	<0.005	(5.000)	

2.2.6 Routine Distribution System (Excluding Field Reservoirs)

March 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	10	<1.00	<1.00		
Bromodichloromethane (µg/L)	5	0.9	0.6 - 1.1	17	0.9	0.6 - 1.2		
Bromoform (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Chlorobenzene (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Chloroform (µg/L)	5	16.1	10.6 - 20.6	17	14.8	10.6 - 20.6		
Dibromoacetic acid (µg/L)	2	<1.00	<1.00	10	<1.00	<1.00		
Dibromochloromethane (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Dichloroacetic acid (µg/L)	2	9.03	7.96 - 10.10	10	9.31	7.96 - 10.10		
Dichlorobenzene (1,2) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	5	<1.0	<1.0	17	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5	(15.0)	
Monobromoacetic acid (µg/L)	2	<1.00	<1.00	10	<1.00	<1.00		
Monochloroacetic acid (µg/L)	2	<1.00	<1.00	10	<1.00	<1.00		
Styrene (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.6	1.6	5	1.4	1.3 - 1.6		
Total Volatile Organics (Non THM) (µg/L)	5	<1.0	<1.0	17	1.0	<1.0 - 1.2		
Trichloroacetic acid (µg/L)	2	9.44	8.57 - 10.30	10	9.56	8.57 - 10.60		
Trichlorobenzene (1,2,4) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Xylene (1,2) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Xylene (1,4) (µg/L)	5	<0.5	<0.5	17	<0.5	<0.5		
Xylenes total (µg/L)	5	<1.0	<1.0	17	<1.0	<1.0	90.0 (20.0)	

2.2.7 Additional Distribution System Samples Collected from Water Quality Complaint Investigations

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	17	0.8	<0.5 - 1.5	29	0.9	<0.5 - 1.6	(15.0)	10.0
pH	17	8	8	29	8	8		7 - 8
Turbidity (NTU)	17	0.24	0.05 - 2.23	29	0.21	0.05 - 2.23	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	17	0.0005	<0.0005	29	0.0005	<0.0005	0.0060	
Arsenic (mg/L)	17	0.0002	<0.0002	29	0.0002	<0.0002 - 0.0002	0.0100	
Barium (mg/L)	17	0.064	<0.002 - 0.080	29	0.062	<0.002 - 0.080	2.000	
Boron (mg/L)	17	0.048	0.010 - 0.095	29	0.032	0.009 - 0.095	5.000	
Cadmium (mg/L)	17	<0.00002	<0.00002	29	0.00002	<0.00002	0.00700	
Chlorine total (mg/L)	17	1.81	1.30 - 2.02	29	1.81	1.30 - 2.02		1.00 - 2.40
Chromium (mg/L)	17	0.0002	<0.0002	29	<0.0002	<0.0002	0.0500	
Lead (mg/L)	17	0.0002	<0.0002	29	0.0002	<0.0002 - 0.0009	0.0050	
Manganese (mg/L)	17	0.003	<0.002 - 0.007	29	0.003	<0.002 - 0.008	0.120 (0.020)	
Selenium (mg/L)	17	0.0003	0.0002 - 0.0004	29	0.0003	0.0002 - 0.0004	0.0500	
Uranium (mg/L)	17	0.0005	<0.0005 - 0.0006	29	0.0005	<0.0005 - 0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5	10.0	
Toluene (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	17	13.0	7.8 - 18.8	29	14.8	7.8 - 21.4	100.0	50.0
Vinyl Chloride (µg/L)	17	<1.0	<1.0	29	<1.0	<1.0	2.0	

2.2.7 Additional Distribution System Samples Collected from Water Quality Complaint Investigations

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)	17	1.0	<0.5 - 1.5	29	1.0	<0.5 - 1.5		
Bromoform (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Chlorobenzene (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Chloroform (µg/L)	17	11.8	6.8 - 17.1	29	13.6	6.8 - 20.3		
Dibromochloromethane (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	17	<1.0	<1.0	29	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5	(15.0)	
Styrene (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Total Volatile Organics (Non THM) (µg/L)	17	1.1	<1.0 - 1.4	29	1.1	<1.0 - 1.4		
Trichlorobenzene (1,2,4) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Xylene (1,2) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Xylene (1,4) (µg/L)	17	<0.5	<0.5	29	<0.5	<0.5		
Xylenes total (µg/L)	17	<1.0	<1.0	29	<1.0	<1.0	90.0 (20.0)	

2.2.7 Additional Distribution System Samples Collected from Water Quality Complaint Investigations

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Aluminum (mg/L)	17	0.049	<0.005 - 0.469	29	0.054	<0.005 - 0.469	2.900 (0.100)	
Beryllium (mg/L)	17	0.0002	<0.0002	29	<0.0002	<0.0002		
Calcium (mg/L)	17	44.4	<0.1 - 55.2	29	47.6	<0.1 - 55.2		
Cobalt (mg/L)	17	0.0002	<0.0002 - 0.0003	29	0.0002	<0.0002 - 0.0003		
Copper (mg/L)	17	0.003	<0.002 - 0.006	29	0.003	<0.002 - 0.006	2.000 (1.000)	
Iron (mg/L)	17	0.026	<0.005 - 0.223	29	0.025	<0.005 - 0.223	(0.100)	
Lithium (mg/L)	17	0.0035	0.0003 - 0.0045	29	0.0036	0.0003 - 0.0045		
Magnesium (mg/L)	17	13.1	<0.1 - 16.5	29	14.1	<0.1 - 16.5		
Molybdenum (mg/L)	17	0.0007	0.0006 - 0.0008	29	0.0007	0.0006 - 0.0008		
Nickel (mg/L)	17	0.0008	<0.0005 - 0.0011	29	0.0007	<0.0005 - 0.0011		
Phosphorus (mg/L)	17	0.94	0.84 - 1.22	29	0.95	0.84 - 1.22		
Potassium (mg/L)	17	2.8	<0.1 - 5.2	29	1.9	<0.1 - 5.2		
Silicon (mg/L)	17	2.26	2.00 - 2.62	29	2.35	2.00 - 2.62		
Silver (mg/L)	17	<0.00002	<0.00002	29	<0.00002	<0.00002		
Sodium (mg/L)	17	27.1	7.6 - 102.0	29	19.1	7.0 - 102.0	(200.0)	
Strontium (mg/L)	17	0.412	<0.002 - 0.481	29	0.435	<0.002 - 0.481	7.000	
Thallium (mg/L)	17	0.0002	<0.0002	29	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	17	165.0	<2 - 206.0	29	177.0	<2 - 206.0		
Vanadium (mg/L)	17	0.0005	<0.0005	29	0.0005	<0.0005		
Zinc (mg/L)	17	0.005	<0.005 - 0.006	29	0.005	<0.005 - 0.006	(5.000)	

2.2.8 Castledowns Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
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)	
Haloacetic acids total (HAA5) (µg/L)								
Methylene Chloride (Dichloromethane) (µg/L)				1	<0.5	<0.5	50.0	
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	20.6	20.6	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	
Physical								
Colour (TCU)				1	1.0	1.0	(15.0)	10.0
Conductivity (µS/cm)				1	409.0	409.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	5	0.08	0.06 - 0.10	13	0.08	0.06 - 0.10	(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	0.010	0.010	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	0.12	0.12	1.00	
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	0.09	0.09	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	
Chlorine total (mg/L)	5	1.89	1.81 - 1.97	13	1.93	1.81 - 1.97		1.00 - 2.40

2.2.8 Castledowns Reservoir

March 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	0.076	0.076	2.900 (0.100)	
Ammonia as NH3 (mg/L)				1	0.09	0.09		
Beryllium (mg/L)				1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)				1	<0.03	<0.03		
Calcium (mg/L)				1	52.3	52.3		
Calcium Hardness (mg/L CaCO3)				1	131.0	131.0		
Chloride Dissolved (mg/L)				1	6.8	6.8	(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	0.0036	0.0036		
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)	5	0.86	0.86 - 0.88	13	0.88	0.86 - 0.92		
Phosphorus (mg/L)				1	0.94	0.94		
Potassium (mg/L)				1	0.8	0.8		
Silicon (mg/L)				1	2.66	2.66		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	8.2	8.2	(200.0)	
Strontium (mg/L)				1	0.446	0.446	7.000	
Sulphate Dissolved (mg/L)				1	67.4	67.4	(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)	

2.2.8 Castledowns Reservoir

March 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		
Bromoform (µg/L)				1	<0.5	<0.5		
Chlorobenzene (µg/L)				1	<0.5	<0.5		
Chloroform (µg/L)				1	19.5	19.5		
Dibromoacetic acid (µg/L)								
Dibromochloromethane (µg/L)				1	<0.5	<0.5		
Dichloroacetic acid (µg/L)								
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)								
Monochloroacetic acid (µg/L)								
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		
Trichloroacetic acid (µg/L)								
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)	

2.2.9 Clareview Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	0.7	0.7	2	0.7	0.6 - 0.7	(15.0)	10.0
Conductivity (µS/cm)	1	417.0	417.0	2	407.0	397.0 - 417.0		
pH	1	8	8	2	8	8		7 - 8
Turbidity (NTU)	4	0.11	0.06 - 0.14	12	0.12	0.06 - 0.21	(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	0.064	0.062 - 0.066	2.000	
Boron (mg/L)	1	0.010	0.010	2	0.010	0.009 - 0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	2	<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)	1	0.23	0.23	2	0.24	0.23 - 0.26	1.00	
Chlorine total (mg/L)	4	1.56	1.49 - 1.62	12	1.63	1.49 - 1.80		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	2	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.68	0.68	2	0.69	0.68 - 0.69	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)	1	0.10	0.10	2	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.01	0.01	2	0.01	0.01	1.00	
Selenium (mg/L)	1	0.0003	0.0003	2	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	2	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	21.1	21.1	2	20.7	20.3 - 21.1	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0	2.0	

2.2.9 Clareview Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO3/L)	1	126.0	126.0	2	127.5	126.0 - 129.0		
Aluminum (mg/L)	1	0.066	0.066	2	0.065	0.064 - 0.066	2.900 (0.100)	
Ammonia as NH3 (mg/L)	1	0.18	0.18	2	0.14	0.10 - 0.18		
Beryllium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	2	<0.03	<0.03		
Calcium (mg/L)	1	53.7	53.7	2	53.2	52.7 - 53.7		
Calcium Hardness (mg/L CaCO3)	1	134.0	134.0	2	133.0	132.0 - 134.0		
Chloride Dissolved (mg/L)	1	7.3	7.3	2	6.5	5.6 - 7.3	(250.0)	
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	0.012	0.012	2	0.011	0.010 - 0.012	(0.100)	
Lithium (mg/L)	1	0.0036	0.0036	2	0.0036	0.0035 - 0.0036		
Magnesium (mg/L)	1	15.8	15.8	2	15.9	15.8 - 16.0		
Molybdenum (mg/L)	1	0.0007	0.0007	2	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	2	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.89	0.88 - 0.90	12	0.90	0.88 - 0.94		
Phosphorus (mg/L)	1	0.96	0.96	2	0.96	0.95 - 0.96		
Potassium (mg/L)	1	0.8	0.8	2	0.8	0.8		
Silicon (mg/L)	1	2.51	2.51	2	2.54	2.51 - 2.57		
Silver (mg/L)	1	<0.00002	<0.00002	2	<0.00002	<0.00002		
Sodium (mg/L)	1	8.6	8.6	2	8.1	7.5 - 8.6	(200.0)	
Strontium (mg/L)	1	0.476	0.476	2	0.479	0.476 - 0.481	7.000	
Sulphate Dissolved (mg/L)	1	69.1	69.1	2	68.1	67.0 - 69.1	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	1	199.0	199.0	2	198.5	198.0 - 199.0		
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)	

2.2.9 Clareview Reservoir

March 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	2	1.1	1.0 - 1.1		
Bromoform (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Chloroform (µg/L)	1	19.9	19.9	2	19.5	19.1 - 19.9		
Dibromochloromethane (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	(15.0)	
Styrene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.3	1.3	2	1.4	1.3 - 1.4		
Total Volatile Organics (Non THM) (µg/L)	1	1.0	1.0	2	1.0	<1.0 - 1.0		
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0	90.0 (20.0)	

2.2.10 Discovery Park Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	0.7	0.7	2	0.6	<0.5 - 0.7	(15.0)	10.0
Conductivity (µS/cm)	1	400.0	400.0	2	399.5	399.0 - 400.0		
pH	1	8	8	2	8	8		7 - 8
Turbidity (NTU)	5	0.10	0.08 - 0.12	13	0.10	0.07 - 0.12	(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 - 0.064	2.000	
Boron (mg/L)	1	0.010	0.010	2	0.010	0.009 - 0.010	5.000	
Bromate Dissolved (mg/L)	2	<0.005	<0.005	3	<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)	2	0.12	0.12	3	0.11	0.09 - 0.12	1.00	
Chlorine total (mg/L)	5	1.42	1.26 - 1.90	13	1.36	1.25 - 1.90		1.00 - 2.40
Chlorite Dissolved (mg/L)	2	<0.005	<0.005	3	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0500	
Cyanide (mg/L)								
Fluoride (mg/L)	1	0.69	0.69	2	0.69	0.68 - 0.69	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)	2	0.10	0.10	3	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	2	0.01	0.01	3	0.01	0.01	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	0.0006	0.0005 - 0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5	5.0	
Benzo(a)pyrene (µg/L)								
Carbon Tetrachloride (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5	140.0 (1.6)	
Haloacetic acids total (HAA5) (µg/L)	1	17.80	17.80	2	19.85	17.80 - 21.90	80.00	40.00
Methylene Chloride (Dichloromethane) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5	50.0	
Microcystin total (µg/L)								
Nitrilotriacetic acid (NTA) (mg/L)								
Nitrosodimethylamine, N- [NDMA] (µg/L)	1	0.00357	0.00357	1	0.00357	0.00357	0.04000	0.01000
Tetrachloroethylene (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5	10.0	
Toluene (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	2	18.9	18.7 - 19.1	3	18.4	17.3 - 19.1	100.0	50.0
Vinyl Chloride (µg/L)	2	<1.0	<1.0	3	<1.0	<1.0	2.0	

2.2.10 Discovery Park Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Primary Organics								
2,4-D (µg/L)								
2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L)								
Atrazine + metabolites (µg/L)								
Bromoxynil (µg/L)								
Chlorpyrifos (µg/L)								
Cyanazine (µg/L)								
Dicamba (µg/L)								
Dichlorophenol (2,4) (µg/L)								
Dimethoate (µg/L)								
Diquat (µg/L)								
Glyphosate (µg/L)								
Malathion (µg/L)								
Metribuzin (µg/L)								
Omethoate (µg/L)								
Omethoate (as dimethoate) (µg/L)								
Pentachlorophenol (µg/L)								
Perfluorooctanesulfonic acid (PFOS) (ng/L)								
Perfluorooctanoic Acid (PFOA) (ng/L)								
Total PFAS (ng/L)								
Trichlorophenol (2,4,6) (µg/L)								

2.2.10 Discovery Park Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO3/L)	1	124.0	124.0	2	126.0	124.0 - 128.0		
Aluminum (mg/L)	1	0.080	0.080	2	0.079	0.077 - 0.080	2.900 (0.100)	
Ammonia as NH3 (mg/L)	1	0.15	0.15	2	0.16	0.15 - 0.16		
Beryllium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	2	<0.03	<0.03	3	<0.03	<0.03		
Calcium (mg/L)	1	52.7	52.7	2	52.6	52.4 - 52.7		
Calcium Hardness (mg/L CaCO3)	1	132.0	132.0	2	131.5	131.0 - 132.0		
Chloride Dissolved (mg/L)	2	6.3	6.3 - 6.4	3	6.2	5.8 - 6.4	(250.0)	
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	0.0034	0.0033 - 0.0035		
Magnesium (mg/L)	1	15.8	15.8	2	15.8	15.7 - 15.8		
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)	5	0.86	0.84 - 0.88	13	0.87	0.84 - 0.88		
Phosphorus (mg/L)	1	0.95	0.95	2	0.94	0.92 - 0.95		
Potassium (mg/L)	1	0.8	0.8	2	0.9	0.8 - 0.9		
Silicon (mg/L)	1	2.52	2.52	2	2.48	2.43 - 2.52		
Silver (mg/L)	1	<0.00002	<0.00002	2	<0.00002	<0.00002		
Sodium (mg/L)	1	8.0	8.0	2	7.7	7.4 - 8.0	(200.0)	
Strontium (mg/L)	1	0.465	0.465	2	0.480	0.465 - 0.495	7.000	
Sulphate Dissolved (mg/L)	2	66.6	66.0 - 67.2	3	66.0	64.8 - 67.2	(500.0)	
Sulphide (mg/L)								
Thallium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	1	197.0	197.0	2	196.0	195.0 - 197.0		
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)	

2.2.10 Discovery Park Reservoir

March 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	2	<1.00	<1.00		
Bromodichloromethane (µg/L)	2	1.2	1.0 - 1.3	3	1.1	0.9 - 1.3		
Bromoform (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Chlorobenzene (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Chloroform (µg/L)	2	17.7	17.5 - 17.8	3	17.1	16.1 - 17.8		
Dibromoacetic acid (µg/L)	1	<1.00	<1.00	2	<1.00	<1.00		
Dibromochloromethane (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Dichloroacetic acid (µg/L)	1	9.10	9.10	2	10.55	9.10 - 12.00		
Dichlorobenzene (1,2) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	2	<1.0	<1.0	3	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5	(15.0)	
Monobromoacetic acid (µg/L)	1	<1.00	<1.00	2	<1.00	<1.00		
Monochloroacetic acid (µg/L)	1	<1.00	<1.00	2	<1.00	<1.00		
Styrene (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.4	1.4	2	1.4	1.3 - 1.4		
Total Volatile Organics (Non THM) (µg/L)	2	1.0	<1.0	3	1.0	<1.0 - 1.0		
Trichloroacetic acid (µg/L)	1	8.65	8.65	2	9.27	8.65 - 9.89		
Trichlorobenzene (1,2,4) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Xylene (1,2) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Xylene (1,4) (µg/L)	2	<0.5	<0.5	3	<0.5	<0.5		
Xylenes total (µg/L)	2	<1.0	<1.0	3	<1.0	<1.0	90.0 (20.0)	

2.2.11 Kaskitayo Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	0.7	0.7	2	0.8	0.7 - 0.9	(15.0)	10.0
Conductivity (µS/cm)	1	413.0	413.0	2	411.5	410.0 - 413.0		
pH	1	8	8	2	8	8		7 - 8
Turbidity (NTU)	5	0.09	0.07 - 0.12	13	0.10	0.07 - 0.14	(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	0.065	0.065	2	0.067	0.065 - 0.069	2.000	
Boron (mg/L)	1	0.010	0.010	2	0.010	0.009 - 0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	2	<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)	1	0.11	0.11	2	0.12	0.11 - 0.13	1.00	
Chlorine total (mg/L)	5	1.91	1.88 - 1.97	13	1.92	1.80 - 2.04		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	2	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.73	0.73	2	0.72	0.70 - 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	0.0061	0.0061	2	0.0056	<0.0050 - 0.0061	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.10	0.10	2	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.02	0.02	2	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	0.0006	0.0006	2	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	15.8	15.8	2	16.7	15.8 - 17.5	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0	2.0	

2.2.11 Kaskitayo Reservoir

March 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	2	130.0	130.0		
Aluminum (mg/L)	1	0.093	0.093	2	0.088	0.082 - 0.093	2.900 (0.100)	
Ammonia as NH3 (mg/L)	1	0.11	0.11	2	0.11	0.10 - 0.11		
Beryllium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	2	<0.03	<0.03		
Calcium (mg/L)	1	54.4	54.4	2	53.9	53.4 - 54.4		
Calcium Hardness (mg/L CaCO3)	1	136.0	136.0	2	134.5	133.0 - 136.0		
Chloride Dissolved (mg/L)	1	6.8	6.8	2	6.2	5.7 - 6.8	(250.0)	
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	0.0036	0.0035 - 0.0036		
Magnesium (mg/L)	1	16.6	16.6	2	16.2	15.8 - 16.6		
Molybdenum (mg/L)	1	0.0007	0.0007	2	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	2	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	5	0.88	0.86 - 0.92	13	0.89	0.86 - 0.94		
Phosphorus (mg/L)	1	0.96	0.96	2	0.96	0.96		
Potassium (mg/L)	1	0.8	0.8	2	0.8	0.8		
Silicon (mg/L)	1	2.55	2.55	2	2.62	2.55 - 2.68		
Silver (mg/L)	1	<0.00002	<0.00002	2	<0.00002	<0.00002		
Sodium (mg/L)	1	8.6	8.6	2	8.1	7.5 - 8.6	(200.0)	
Strontium (mg/L)	1	0.475	0.475	2	0.472	0.468 - 0.475	7.000	
Sulphate Dissolved (mg/L)	1	71.3	71.3	2	69.3	67.3 - 71.3	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	1	204.0	204.0	2	201.5	199.0 - 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)	

2.2.11 Kaskitayo Reservoir

March 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	2	1.1	1.0 - 1.1		
Bromoform (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Chloroform (µg/L)	1	14.5	14.5	2	15.4	14.5 - 16.3		
Dibromochloromethane (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	(15.0)	
Styrene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.6	1.6	2	1.6	1.6		
Total Volatile Organics (Non THM) (µg/L)	1	1.4	1.4	2	1.2	<1.0 - 1.4		
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0	90.0 (20.0)	

2.2.12 Londonderry Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)				1	0.8	0.8	(15.0)	10.0
Conductivity (µS/cm)				1	409.0	409.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	5	0.10	0.07 - 0.15	13	0.09	0.07 - 0.15	(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	0.065	0.065	2.000	
Boron (mg/L)				1	0.010	0.010	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	0.21	0.21	1.00	
Chlorine total (mg/L)	5	1.90	1.87 - 1.93	13	1.89	1.80 - 1.95		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	0.09	0.09	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	23.2	23.2	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	

2.2.12 Londonderry Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO3/L)				1	131.0	131.0		
Aluminum (mg/L)				1	0.069	0.069	2.900 (0.100)	
Ammonia as NH3 (mg/L)				1	0.09	0.09		
Beryllium (mg/L)				1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)				1	<0.03	<0.03		
Calcium (mg/L)				1	53.0	53.0		
Calcium Hardness (mg/L CaCO3)				1	132.0	132.0		
Chloride Dissolved (mg/L)				1	7.2	7.2	(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	0.0038	0.0038		
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)	5	0.89	0.88 - 0.90	13	0.90	0.88 - 0.92		
Phosphorus (mg/L)				1	0.99	0.99		
Potassium (mg/L)				1	0.8	0.8		
Silicon (mg/L)				1	2.73	2.73		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	8.5	8.5	(200.0)	
Strontium (mg/L)				1	0.448	0.448	7.000	
Sulphate Dissolved (mg/L)				1	67.8	67.8	(500.0)	
Thallium (mg/L)				1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)				1	198.0	198.0		
Vanadium (mg/L)				1	<0.0005	<0.0005		
Zinc (mg/L)				1	<0.005	<0.005	(5.000)	

2.2.12 Londonderry Reservoir

March 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		
Bromoform (µg/L)				1	<0.5	<0.5		
Chlorobenzene (µg/L)				1	<0.5	<0.5		
Chloroform (µg/L)				1	21.7	21.7		
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)	

2.2.13 Millwoods Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)				1	1.0	1.0	(15.0)	10.0
Conductivity (µS/cm)				1	412.0	412.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	5	0.08	0.06 - 0.11	13	0.09	0.06 - 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	0.010	0.010	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	0.15	0.15	1.00	
Chlorine total (mg/L)	5	1.96	1.91 - 2.02	13	1.97	1.91 - 2.02		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	0.09	0.09	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	0.0005	0.0005	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	19.3	19.3	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	

2.2.13 Millwoods Reservoir

March 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	0.078	0.078	2.900 (0.100)	
Ammonia as NH3 (mg/L)				1	0.09	0.09		
Beryllium (mg/L)				1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)				1	<0.03	<0.03		
Calcium (mg/L)				1	53.7	53.7		
Calcium Hardness (mg/L CaCO3)				1	134.0	134.0		
Chloride Dissolved (mg/L)				1	7.7	7.7	(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	0.0038	0.0038		
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)	5	0.87	0.86 - 0.88	13	0.88	0.86 - 0.90		
Phosphorus (mg/L)				1	0.97	0.97		
Potassium (mg/L)				1	0.8	0.8		
Silicon (mg/L)				1	2.71	2.71		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	8.7	8.7	(200.0)	
Strontium (mg/L)				1	0.457	0.457	7.000	
Sulphate Dissolved (mg/L)				1	67.8	67.8	(500.0)	
Thallium (mg/L)				1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)				1	200.0	200.0		
Vanadium (mg/L)				1	<0.0005	<0.0005		
Zinc (mg/L)				1	<0.005	<0.005	(5.000)	

2.2.13 Millwoods Reservoir

March 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	18.3	18.3		
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	1.7	1.7		
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)	

2.2.14 North Jasper Place Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	0.7	0.7	2	0.6	<0.5 - 0.7	(15.0)	10.0
Conductivity (µS/cm)	1	418.0	418.0	2	408.0	398.0 - 418.0		
pH	1	8	8	2	8	8		7 - 8
Turbidity (NTU)	5	0.19	0.10 - 0.44	13	0.13	0.09 - 0.44	(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	0.068	0.068	2	0.068	0.067 - 0.068	2.000	
Boron (mg/L)	1	0.010	0.010	2	0.010	0.009 - 0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	2	<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)	1	0.12	0.12	2	0.11	0.11 - 0.12	1.00	
Chlorine total (mg/L)	5	1.73	1.64 - 1.77	13	1.75	1.64 - 1.82		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	2	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.67	0.67	2	0.66	0.65 - 0.67	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)	1	0.10	0.10	2	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.02	0.02	2	0.02	0.01 - 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	0.0006	0.0005 - 0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	16.2	16.2	2	17.4	16.2 - 18.6	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0	2.0	

2.2.14 North Jasper Place Reservoir

March 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	2	129.5	128.0 - 131.0		
Aluminum (mg/L)	1	0.221	0.221	2	0.150	0.079 - 0.221	2.900 (0.100)	
Ammonia as NH3 (mg/L)	1	0.14	0.14	2	0.14	0.13 - 0.14		
Beryllium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	2	<0.03	<0.03		
Calcium (mg/L)	1	55.2	55.2	2	54.1	52.9 - 55.2		
Calcium Hardness (mg/L CaCO3)	1	138.0	138.0	2	135.0	132.0 - 138.0		
Chloride Dissolved (mg/L)	1	6.5	6.5	2	6.2	5.8 - 6.5	(250.0)	
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	0.011	0.011	2	0.008	<0.005 - 0.011	(0.100)	
Lithium (mg/L)	1	0.0037	0.0037	2	0.0036	0.0034 - 0.0037		
Magnesium (mg/L)	1	16.3	16.3	2	16.2	16.0 - 16.3		
Molybdenum (mg/L)	1	0.0007	0.0007	2	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	2	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	5	0.91	0.86 - 1.06	13	0.90	0.86 - 1.06		
Phosphorus (mg/L)	1	1.04	1.04	2	0.99	0.93 - 1.04		
Potassium (mg/L)	1	0.8	0.8	2	0.8	0.8		
Silicon (mg/L)	1	2.56	2.56	2	2.55	2.54 - 2.56		
Silver (mg/L)	1	<0.00002	<0.00002	2	<0.00002	<0.00002		
Sodium (mg/L)	1	8.3	8.3	2	7.9	7.4 - 8.3	(200.0)	
Strontium (mg/L)	1	0.481	0.481	2	0.482	0.481 - 0.482	7.000	
Sulphate Dissolved (mg/L)	1	70.3	70.3	2	68.3	66.2 - 70.3	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	1	205.0	205.0	2	201.5	198.0 - 205.0		
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)	

2.2.14 North Jasper Place Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)	1	0.9	0.9	2	1.0	0.9 - 1.1		
Bromoform (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Chloroform (µg/L)	1	15.1	15.1	2	16.2	15.1 - 17.3		
Dibromochloromethane (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	(15.0)	
Styrene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.3	1.3	2	1.4	1.3 - 1.4		
Total Volatile Organics (Non THM) (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0	90.0 (20.0)	

2.2.15 Ormsby Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)				1	1.2	1.2	(15.0)	10.0
Conductivity (µS/cm)				1	406.0	406.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	5	0.08	0.05 - 0.10	13	0.09	0.05 - 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	0.066	0.066	2.000	
Boron (mg/L)				1	0.010	0.010	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)	5	1.93	1.87 - 2.02	13	1.95	1.87 - 2.02		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	0.09	0.09	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	19.1	19.1	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	

2.2.15 Ormsby Reservoir

March 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	0.082	0.082	2.900 (0.100)	
Ammonia as NH3 (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	52.8	52.8		
Calcium Hardness (mg/L CaCO3)				1	132.0	132.0		
Chloride Dissolved (mg/L)				1	6.8	6.8	(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	0.0038	0.0038		
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)	5	0.88	0.86 - 0.96	13	0.89	0.86 - 0.96		
Phosphorus (mg/L)				1	0.96	0.96		
Potassium (mg/L)				1	0.8	0.8		
Silicon (mg/L)				1	2.77	2.77		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	8.2	8.2	(200.0)	
Strontium (mg/L)				1	0.452	0.452	7.000	
Sulphate Dissolved (mg/L)				1	67.5	67.5	(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)	

2.2.15 Ormsby Reservoir

March 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	18.1	18.1		
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	1.7	1.7		
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)	

2.2.16 Papaschase Reservoir 1

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)				1	1.0	1.0	(15.0)	10.0
Conductivity (µS/cm)				1	399.0	399.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	5	0.09	0.08 - 0.13	13	0.11	0.08 - 0.24	(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	0.063	0.063	2.000	
Boron (mg/L)				1	0.010	0.010	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	0.23	0.23	1.00	
Chlorine total (mg/L)	5	1.87	1.79 - 1.98	13	1.82	1.64 - 1.98		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	0.74	0.74	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	0.0005	0.0005	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	21.8	21.8	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	

2.2.16 Papaschase Reservoir 1

March 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	0.065	0.065	2.900 (0.100)	
Ammonia as NH3 (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	53.0	53.0		
Calcium Hardness (mg/L CaCO3)				1	132.0	132.0		
Chloride Dissolved (mg/L)				1	6.0	6.0	(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	0.008	0.008	(0.100)	
Lithium (mg/L)				1	0.0037	0.0037		
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)	5	0.90	0.88 - 0.92	13	0.89	0.88 - 0.92		
Phosphorus (mg/L)				1	0.97	0.97		
Potassium (mg/L)				1	0.8	0.8		
Silicon (mg/L)				1	2.68	2.68		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	7.6	7.6	(200.0)	
Strontium (mg/L)				1	0.455	0.455	7.000	
Sulphate Dissolved (mg/L)				1	67.2	67.2	(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)	

2.2.16 Papaschase Reservoir 1

March 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		
Bromoform (µg/L)				1	<0.5	<0.5		
Chlorobenzene (µg/L)				1	<0.5	<0.5		
Chloroform (µg/L)				1	20.6	20.6		
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)	

2.2.17 Papaschase Reservoir 2

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	1.2	1.2	2	1.0	0.7 - 1.2	(15.0)	10.0
Conductivity (µS/cm)	1	420.0	420.0	2	413.5	407.0 - 420.0		
pH	1	8	8	2	8	8		7 - 8
Turbidity (NTU)	5	0.10	0.05 - 0.16	13	0.10	0.05 - 0.17	(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 - 0.0002	0.0100	
Barium (mg/L)	1	0.065	0.065	2	0.067	0.065 - 0.068	2.000	
Boron (mg/L)	1	0.010	0.010	2	0.010	0.009 - 0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	2	<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)	1	0.16	0.16	2	0.23	0.16 - 0.29	1.00	
Chlorine total (mg/L)	5	1.92	1.85 - 1.97	13	1.92	1.85 - 1.97		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	2	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.74	0.74	2	0.75	0.74 - 0.76	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)	1	0.10	0.10	2	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.02	0.02	2	0.02	0.01 - 0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	2	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	2	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	16.4	16.4	2	18.1	16.4 - 19.7	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0	2.0	

2.2.17 Papaschase Reservoir 2

March 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	2	129.5	129.0 - 130.0		
Aluminum (mg/L)	1	0.076	0.076	2	0.072	0.068 - 0.076	2.900 (0.100)	
Ammonia as NH3 (mg/L)	1	0.13	0.13	2	0.11	0.08 - 0.13		
Beryllium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	2	<0.03	<0.03		
Calcium (mg/L)	1	54.6	54.6	2	53.3	52.0 - 54.6		
Calcium Hardness (mg/L CaCO3)	1	136.0	136.0	2	133.0	130.0 - 136.0		
Chloride Dissolved (mg/L)	1	8.6	8.6	2	7.0	5.5 - 8.6	(250.0)	
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	0.0036	0.0036	2	0.0036	0.0036		
Magnesium (mg/L)	1	16.4	16.4	2	16.1	15.8 - 16.4		
Molybdenum (mg/L)	1	0.0007	0.0007	2	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	2	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	5	0.88	0.84 - 0.90	13	0.90	0.84 - 0.92		
Phosphorus (mg/L)	1	0.95	0.95	2	0.96	0.95 - 0.97		
Potassium (mg/L)	1	0.8	0.8	2	0.8	0.8		
Silicon (mg/L)	1	2.57	2.57	2	2.58	2.57 - 2.58		
Silver (mg/L)	1	<0.00002	<0.00002	2	<0.00002	<0.00002		
Sodium (mg/L)	1	9.8	9.8	2	8.6	7.4 - 9.8	(200.0)	
Strontium (mg/L)	1	0.475	0.475	2	0.479	0.475 - 0.482	7.000	
Sulphate Dissolved (mg/L)	1	71.7	71.7	2	69.5	67.3 - 71.7	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	1	204.0	204.0	2	199.5	195.0 - 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)	

2.2.17 Papaschase Reservoir 2

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)	1	1.3	1.3	2	1.2	1.0 - 1.3		
Bromoform (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Chloroform (µg/L)	1	14.9	14.9	2	16.8	14.9 - 18.6		
Dibromochloromethane (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	(15.0)	
Styrene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.6	1.6	2	1.6	1.5 - 1.6		
Total Volatile Organics (Non THM) (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0	90.0 (20.0)	

2.2.18 Rosslyn Reservoir 1

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)				1	0.8	0.8	(15.0)	10.0
Conductivity (µS/cm)				1	406.0	406.0		
pH				1	8	8		7 - 8
Turbidity (NTU)	5	0.09	0.08 - 0.10	13	0.09	0.08 - 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	0.066	0.066	2.000	
Boron (mg/L)				1	0.010	0.010	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	0.18	0.18	1.00	
Chlorine total (mg/L)	5	1.83	1.77 - 1.88	13	1.83	1.77 - 1.89		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	0.67	0.67	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	0.09	0.09	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	19.8	19.8	100.0	50.0
Vinyl Chloride (µg/L)				1	<1.0	<1.0	2.0	

2.2.18 Rosslyn Reservoir 1

March 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	0.072	0.072	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	53.5	53.5		
Calcium Hardness (mg/L CaCO3)				1	134.0	134.0		
Chloride Dissolved (mg/L)				1	7.1	7.1	(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	0.0037	0.0037		
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)	5	0.89	0.88 - 0.90	13	0.90	0.88 - 0.92		
Phosphorus (mg/L)				1	0.97	0.97		
Potassium (mg/L)				1	0.8	0.8		
Silicon (mg/L)				1	2.71	2.71		
Silver (mg/L)				1	<0.00002	<0.00002		
Sodium (mg/L)				1	8.4	8.4	(200.0)	
Strontium (mg/L)				1	0.459	0.459	7.000	
Sulphate Dissolved (mg/L)				1	67.7	67.7	(500.0)	
Thallium (mg/L)				1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)				1	199.0	199.0		
Vanadium (mg/L)				1	<0.0005	<0.0005		
Zinc (mg/L)				1	<0.005	<0.005	(5.000)	

2.2.18 Rosslyn Reservoir 1

March 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	18.7	18.7		
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)	

2.2.19 Rosslyn Reservoir 2

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	0.9	0.9	2	0.7	<0.5 - 0.9	(15.0)	10.0
Conductivity (µS/cm)	1	416.0	416.0	2	404.5	393.0 - 416.0		
pH	1	8	8	2	8	8		7 - 8
Turbidity (NTU)	5	0.09	0.07 - 0.10	13	0.09	0.07 - 0.14	(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 - 0.0002	0.0100	
Barium (mg/L)	1	0.064	0.064	2	0.066	0.064 - 0.067	2.000	
Boron (mg/L)	1	0.010	0.010	2	0.010	0.009 - 0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	2	<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)	1	0.20	0.20	2	0.21	0.20 - 0.22	1.00	
Chlorine total (mg/L)	5	1.76	1.70 - 1.82	13	1.72	1.64 - 1.82		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	2	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.69	0.69	2	0.69	0.68 - 0.69	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)	1	0.09	0.09	2	0.10	0.09 - 0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.02	0.02	2	0.02	0.01 - 0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	2	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	2	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	18.8	18.8	2	19.5	18.8 - 20.1	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0	2.0	

2.2.19 Rosslyn Reservoir 2

March 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	2	127.0	127.0		
Aluminum (mg/L)	1	0.073	0.073	2	0.073	0.072 - 0.073	2.900 (0.100)	
Ammonia as NH3 (mg/L)	1	0.18	0.18	2	0.15	0.12 - 0.18		
Beryllium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	2	<0.03	<0.03		
Calcium (mg/L)	1	54.6	54.6	2	53.4	52.2 - 54.6		
Calcium Hardness (mg/L CaCO3)	1	136.0	136.0	2	133.0	130.0 - 136.0		
Chloride Dissolved (mg/L)	1	6.9	6.9	2	6.2	5.5 - 6.9	(250.0)	
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	0.0037	0.0037	2	0.0036	0.0034 - 0.0037		
Magnesium (mg/L)	1	16.0	16.0	2	15.9	15.8 - 16.0		
Molybdenum (mg/L)	1	0.0007	0.0007	2	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	2	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	5	0.88	0.86 - 0.90	13	0.90	0.86 - 0.92		
Phosphorus (mg/L)	1	0.99	0.99	2	0.97	0.95 - 0.99		
Potassium (mg/L)	1	0.8	0.8	2	0.8	0.8		
Silicon (mg/L)	1	2.58	2.58	2	2.55	2.52 - 2.58		
Silver (mg/L)	1	<0.00002	<0.00002	2	<0.00002	<0.00002		
Sodium (mg/L)	1	8.3	8.3	2	7.8	7.2 - 8.3	(200.0)	
Strontium (mg/L)	1	0.474	0.474	2	0.485	0.474 - 0.495	7.000	
Sulphate Dissolved (mg/L)	1	70.0	70.0	2	68.2	66.3 - 70.0	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	1	202.0	202.0	2	199.0	196.0 - 202.0		
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)	

2.2.19 Rosslyn Reservoir 2

March 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	2	1.1	1.0 - 1.1		
Bromoform (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Chloroform (µg/L)	1	17.4	17.4	2	18.2	17.4 - 18.9		
Dibromochloromethane (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	(15.0)	
Styrene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.4	1.4	2	1.4	1.3 - 1.4		
Total Volatile Organics (Non THM) (µg/L)	1	1.1	1.1	2	1.1	<1.0 - 1.1		
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0	90.0 (20.0)	

2.2.20 Thorncliff Reservoir

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	1.2	1.2	2	0.9	0.6 - 1.2	(15.0)	10.0
Conductivity (µS/cm)	1	407.0	407.0	2	406.0	405.0 - 407.0		
pH	1	8	8	2	8	8		7 - 8
Turbidity (NTU)	5	0.09	0.07 - 0.12	13	0.12	0.07 - 0.30	(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	0.064	0.064	2	0.066	0.064 - 0.068	2.000	
Boron (mg/L)	1	0.010	0.010	2	0.010	0.009 - 0.010	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	2	<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)	1	0.11	0.11	2	0.11	0.11	1.00	
Chlorine total (mg/L)	5	1.81	1.77 - 1.88	13	1.83	1.77 - 1.90		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	2	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.73	0.73	2	0.72	0.71 - 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)	1	0.09	0.09	2	0.10	0.09 - 0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.02	0.02	2	0.02	0.01 - 0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	2	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	2	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	18.2	18.2	2	18.2	18.1 - 18.2	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0	2.0	

2.2.20 Thorncliff Reservoir

March 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	2	129.0	129.0		
Aluminum (mg/L)	1	0.089	0.089	2	0.087	0.084 - 0.089	2.900 (0.100)	
Ammonia as NH3 (mg/L)	1	0.12	0.12	2	0.12	0.12		
Beryllium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	2	<0.03	<0.03		
Calcium (mg/L)	1	54.2	54.2	2	53.5	52.8 - 54.2		
Calcium Hardness (mg/L CaCO3)	1	135.0	135.0	2	133.5	132.0 - 135.0		
Chloride Dissolved (mg/L)	1	6.4	6.4	2	6.1	5.7 - 6.4	(250.0)	
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	16.2	16.2	2	16.1	15.9 - 16.2		
Molybdenum (mg/L)	1	0.0007	0.0007	2	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	2	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	5	0.86	0.86	13	0.87	0.86 - 0.90		
Phosphorus (mg/L)	1	0.95	0.95	2	0.95	0.94 - 0.95		
Potassium (mg/L)	1	0.8	0.8	2	0.8	0.8		
Silicon (mg/L)	1	2.53	2.53	2	2.54	2.53 - 2.54		
Silver (mg/L)	1	<0.00002	<0.00002	2	<0.00002	<0.00002		
Sodium (mg/L)	1	8.2	8.2	2	7.8	7.4 - 8.2	(200.0)	
Strontium (mg/L)	1	0.482	0.482	2	0.481	0.479 - 0.482	7.000	
Sulphate Dissolved (mg/L)	1	69.6	69.6	2	68.0	66.4 - 69.6	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	2	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	1	202.0	202.0	2	199.5	197.0 - 202.0		
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)	

2.2.20 Thorncliff Reservoir

March 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	2	1.0	0.7 - 1.2		
Bromoform (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Chloroform (µg/L)	1	16.7	16.7	2	17.0	16.7 - 17.2		
Dibromochloromethane (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5	(15.0)	
Styrene (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.5	1.5	2	1.5	1.5		
Total Volatile Organics (Non THM) (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	2	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	2	<1.0	<1.0	90.0 (20.0)	

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Microbiologicals						
Coliforms total (MPN/100 mL)	33	1179.7	23.3 - 6510.0	99	505.0	22.8 - 6510.0
Cryptosporidium (oocysts/100L)	2	1.6	<1.0 - 2.2	6	2.3	<1.0 - 2.3
E. coli (MPN/100 mL)	33	80.7	1.0 - 914.0	99	39.3	1.0 - 914.0
Giardia (cysts/100L)	2	16.6	2.2 - 31.0	6	27.9	<2.2 - 69.0
Physical						
Colour (TCU)	61	12.4	3.9 - 53.8	178	7.6	3.8 - 53.8
Conductivity (µS/cm)	10	378.9	352.0 - 409.0	26	379.0	348.0 - 415.0
pH	2	8	8	6	8	8
Total Dissolved Solids (mg/L)	2	217.00	216.00 - 218.00	6	213.83	202.00 - 225.00
Total Suspended Solids (mg/L)	2	1.2	<1.0 - 1.4	6	1.4	<1.0 - 3.2
Turbidity (NTU)	61	6.00	0.95 - 41.70	178	3.10	0.68 - 41.70
Primary Inorganics						
Antimony (mg/L)	2	<0.0005	<0.0005	6	<0.0005	<0.0005
Antimony dissolved (mg/L)	2	<0.0005	<0.0005	6	<0.0005	<0.0005
Arsenic (mg/L)	2	0.0002	0.0002	6	0.0002	<0.0002 - 0.0003
Arsenic dissolved (mg/L)	2	<0.0002	<0.0002	6	<0.0002	<0.0002
Barium (mg/L)	2	0.067	0.066 - 0.067	6	0.065	0.062 - 0.067
Barium dissolved (mg/L)	2	0.067	0.066 - 0.067	6	0.065	0.063 - 0.067
Boron (mg/L)	2	0.010	0.009 - 0.010	6	0.010	0.009 - 0.010
Boron dissolved (mg/L)	2	0.010	0.010	6	0.010	0.009 - 0.010
Bromate Dissolved (mg/L)	10	<0.005	<0.005	26	0.005	<0.005
Cadmium (mg/L)	2	<0.00002	<0.00002	6	<0.00002	<0.00002
Cadmium Dissolved (mg/L)	2	<0.00002	<0.00002	6	<0.00002	<0.00002
Chlorate Dissolved (mg/L)	10	<0.01	<0.01	26	0.01	<0.01
Chlorine total (mg/L)	2	<0.03	<0.03	6	<0.03	<0.03
Chlorite Dissolved (mg/L)	10	<0.005	<0.005	26	0.005	<0.005
Chromium (mg/L)	2	0.0003	0.0002 - 0.0004	6	0.0004	<0.0002 - 0.0008
Chromium dissolved (mg/L)	2	<0.0002	<0.0002	6	<0.0002	<0.0002
Cyanide (mg/L)				2	<0.002	<0.002
Fluoride (mg/L)	10	0.12	0.11 - 0.14	26	0.12	0.11 - 0.14
Lead (mg/L)	2	<0.0002	<0.0002	6	<0.0002	<0.0002
Lead dissolved (mg/L)	2	<0.0002	<0.0002	6	<0.0002	<0.0002
Manganese (mg/L)	2	0.004	0.003 - 0.005	6	0.004	<0.002 - 0.006
Manganese dissolved (mg/L)	1	<0.002	<0.002	3	<0.002	<0.002
Mercury (µg/L)	2	<0.0050	<0.0050	6	<0.0050	<0.0050
Mercury dissolved (µg/L)	2	<0.0050	<0.0050	6	<0.0050	<0.0050
Nitrate (as N) dissolved (mg/L)	10	0.12	0.08 - 0.28	26	0.10	0.07 - 0.28
Nitrite (as N) dissolved (mg/L)	10	<0.01	<0.01	26	0.01	<0.01
Selenium (mg/L)	2	0.0003	0.0003	6	0.0003	0.0002 - 0.0003
Selenium dissolved (mg/L)	2	0.0003	0.0003	6	0.0003	0.0002 - 0.0003
Uranium (mg/L)	2	0.0006	0.0006	6	0.0006	0.0005 - 0.0006
Uranium dissolved (mg/L)	2	0.0006	0.0005 - 0.0006	6	0.0005	0.0005 - 0.0006

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Primary Organics						
2,4-D (µg/L)				2	<0.050	<0.050
2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L)				2	<0.050	<0.050
Atrazine + metabolites (µg/L)				2	<0.10	<0.10
Benzene (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Benzo(a)pyrene (µg/L)				2	<0.005	<0.005
Bromoxynil (µg/L)				2	<0.050	<0.050
Carbon Tetrachloride (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Chlorpyrifos (µg/L)				2	<0.10	<0.10
Cyanazine (µg/L)				2	<0.100	<0.100
Dicamba (µg/L)				2	<0.10	<0.10
Dichlorobenzene (1,4) (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Dichloroethane (1,2) (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Dichlorophenol (2,4) (µg/L)				2	<0.20	<0.20
Dimethoate (µg/L)				2	<0.050	<0.050
Diquat (µg/L)				2	<1.0	<1.0
Ethylbenzene (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Glyphosate (µg/L)				2	<1.00	<1.00
Malathion (µg/L)				2	<0.0250	<0.0250
Manganese dissolved (mg/L)	1	<0.002	<0.002	3	<0.002	<0.002
Methylene Chloride (Dichloromethane) (µg/L)	61	<0.5	<0.5	178	<1.00	<0.5 - <1.00
Metribuzin (µg/L)				2	<0.100	<0.100
Microcystin total (µg/L)				2	<0.15	<0.15
Nitrilotriacetic acid (NTA) (mg/L)				2	<0.4	<0.4
Omethoate (µg/L)				2	<0.050	<0.050
Omethoate (as dimethoate) (µg/L)				2	<0.16	<0.16
Pentachlorophenol (µg/L)				2	<0.50	<0.50
Tetrachloroethylene (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Toluene (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Trichloroethylene (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Trichlorophenol (2,4,6) (µg/L)				2	<0.20	<0.20
Trihalomethanes (µg/L)	61	<1.0	<1.0	178	<1.0	<1.0
Vinyl Chloride (µg/L)	61	<1.0	<1.0	178	<1.0	<0.50 - <1.0

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Radionuclides						
Gross Alpha (Bq/L)	2	<0.11	<0.11	2	<0.11	<0.11
Gross Beta (Bq/L)	2	0.06	<0.05 - 0.06	2	0.06	<0.05 - 0.06
Secondary Organics						
Bromodichloromethane (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Bromoform (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Chlorobenzene (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Chloroform (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Dibromochloromethane (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Dichlorobenzene (1,2) (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Dichlorobenzene (1,3) (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Dichloroethylene (1,1) (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Dichloroethylene cis (1,2) (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Dichloroethylene trans (1,2) (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Dichloropropane (1,2) (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Methyl Isobutyl Ketone (MIBK) (µg/L)	61	<1.0	<1.0	178	<20	<1.0 - <20
Methyl t-Butyl Ether (MTBE) (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Styrene (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Tetrachloroethane (1,1,2,2) (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Total Organic Carbon (mg/L)	10	2.2	1.4 - 4.8	26	1.9	1.4 - 4.8
Total Volatile Organics (Non THM) (µg/L)	61	1.0	<1.0 - 1.3	174	1.0	<1.0 - 1.3
Trichlorobenzene (1,2,4) (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Trichloroethane (1,1,1) (µg/L)	61	<0.5	<0.5	178	<0.50	<0.5 - <0.50
Xylene (1,2) (µg/L)	61	<0.5	<0.5	178	<0.5	<0.30 - <0.5
Xylene (1,4) (µg/L)	61	<0.5	<0.5	178	<0.5	<0.40 - <0.5
Xylenes total (µg/L)	61	<1.0	<1.0	178	<1.0	<0.50 - <1.0

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Secondary Inorganics						
Alkalinity phenolphthalein (mg CaCO3/L)	2	<3	<3	6	<3	<3
Alkalinity total (mg CaCO3/L)	10	126.1	114.0 - 131.0	26	128.6	114.0 - 142.0
Aluminum (mg/L)	2	0.096	0.063 - 0.129	6	0.089	0.052 - 0.163
Ammonia as NH3 (mg/L)	41	0.07	<0.05 - 0.30	94	0.06	<0.05 - 0.30
Beryllium (mg/L)	2	<0.0002	<0.0002	6	<0.0002	<0.0002
Bromide Dissolved (mg/L)	10	0.03	<0.03	26	0.03	<0.03
Calcium (mg/L)	2	53.5	53.0 - 53.9	6	51.6	50.2 - 53.9
Calcium Hardness (mg/L CaCO3)	10	121.2	101.0 - 135.0	26	123.7	101.0 - 138.0
Chloride Dissolved (mg/L)	10	2.3	0.6 - 6.3	26	2.1	0.5 - 12.2
Cobalt (mg/L)	2	<0.0002	<0.0002	6	<0.0002	<0.0002
Copper (mg/L)	2	0.002	<0.002	6	0.010	<0.002 - 0.046
Iron (mg/L)	2	0.101	0.069 - 0.133	6	0.090	0.042 - 0.177
Lithium (mg/L)	2	0.0036	0.0034 - 0.0038	6	0.0036	0.0034 - 0.0038
Magnesium (mg/L)	2	16.5	16.2 - 16.8	6	15.8	15.2 - 16.8
Molybdenum (mg/L)	2	0.0007	0.0007	6	0.0007	0.0006 - 0.0007
Nickel (mg/L)	2	0.0007	0.0005 - 0.0009	6	0.0006	<0.0005 - 0.0009
Nitrogen Total Kjeldahl (TKN) (mg/L N)	41	0.3	<0.1 - 0.9	45	0.3	<0.1 - 0.9
Phosphate Ortho (as P) (mg/L as P)	2	<0.02	<0.02	6	0.02	<0.02 - 0.03
Phosphorus (mg/L)	2	0.03	0.03	6	0.03	<0.02 - 0.03
Potassium (mg/L)	2	0.8	0.7 - 0.8	6	0.8	0.7 - 0.8
Silicon (mg/L)	2	2.40	2.30 - 2.49	6	2.33	2.17 - 2.49
Silver (mg/L)	2	<0.00002	<0.00002	6	0.00004	<0.00002 - 0.00016
Sodium (mg/L)	2	3.9	3.8 - 4.0	6	4.2	3.3 - 6.6
Strontium (mg/L)	2	0.499	0.498 - 0.499	6	0.477	0.457 - 0.499
Sulphate Dissolved (mg/L)	10	61.1	49.0 - 66.2	26	61.6	49.0 - 69.3
Sulphide (mg/L)				2	<0.0015	<0.0015
Thallium (mg/L)	2	<0.0002	<0.0002	6	<0.0002	<0.0002
Total Hardness (mg/L CaCO3)	10	179.9	156.0 - 189.0	26	183.5	156.0 - 204.0
Vanadium (mg/L)	2	<0.0005	<0.0005	6	0.0005	<0.0005 - 0.0006
Zinc (mg/L)	2	<0.005	<0.005	6	<0.005	<0.005

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

March 2026

Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Secondary Inorganics						
Aluminum dissolved (mg/L)	2	<0.005	<0.005	6	0.006	<0.005 - 0.011
Beryllium dissolved (mg/L)	2	<0.0002	<0.0002	6	<0.0002	<0.0002
Calcium dissolved (mg/L)	2	53.3	52.8 - 53.7	6	51.8	50.3 - 53.7
Cobalt dissolved (mg/L)	2	<0.0002	<0.0002	6	<0.0002	<0.0002
Copper dissolved (mg/L)	2	<0.002	<0.002	6	0.002	<0.002 - 0.003
Iron dissolved (mg/L)	2	<0.005	<0.005	6	<0.005	<0.005
Lithium dissolved (mg/L)	2	0.0039	0.0039	6	0.0037	0.0034 - 0.0039
Magnesium dissolved (mg/L)	2	16.1	16.0 - 16.1	6	15.6	15.2 - 16.1
Molybdenum dissolved (mg/L)	2	0.0007	0.0006 - 0.0007	6	0.0007	0.0006 - 0.0007
Nickel dissolved (mg/L)	2	<0.0005	<0.0005	6	<0.0005	<0.0005
Phosphorus dissolved (mg/L)	2	<0.02	<0.02	6	<0.02	<0.02
Potassium dissolved (mg/L)	2	0.7	0.7	6	0.8	0.7 - 0.8
Silicon dissolved (mg/L)	2	2.38	2.34 - 2.42	6	2.25	2.11 - 2.42
Silver dissolved (mg/L)	2	<0.00002	<0.00002	6	<0.00002	<0.00002
Sodium dissolved (mg/L)	2	3.7	3.6 - 3.8	6	4.1	3.3 - 6.7
Strontium dissolved (mg/L)	2	0.485	0.484 - 0.485	6	0.471	0.458 - 0.485
Thallium dissolved (mg/L)	2	<0.0002	<0.0002	6	<0.0002	<0.0002
Titanium dissolved (mg/L)	2	<0.0005	<0.0005	6	<0.0005	<0.0005
Vanadium Dissolved (mg/L)	2	<0.0005	<0.0005	6	<0.0005	<0.0005
Zinc dissolved (mg/L)	2	<0.005	<0.005	6	<0.005	<0.005