



EDMONTON WATERWORKS MONTHLY REPORT

January 2026

PROVIDING MORE



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1.1.1 Operations – Rosssdale and E.L. Smith Plants

Plant Bypasses

The number of bypasses shown on Table 1.2.26 “Rosssdale 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 January, Rosssdale Plant had 1 planned shutdown and 1 bypass.

Date	Type	Bypass Description
Jan 14	Planned	18.45-hour bypass for maintenance on leaks and WS7 project work
Jan 28	Unplanned	3.5-hour bypass due to blind installation on LLP#3

In January, E.L. Smith Plant had 1 planned shutdown and 2 bypasses.

Date	Type	Bypass Description
Jan 7	Planned	18.28-hour bypass due to for installation of Filter 6 weir plate and inspections of C1/C2 effluent flume and BWWG.
Jan 9	Unplanned	10-minute bypass due to UV4 not keeping up with dose. Started UV1.
Jan 26	Unplanned	12-minute bypass due to UV4 not keeping up with dose. Started UV2.

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

Chemical Dosing Highlights

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

Chemicals Used for the Month

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

ENV-1.1.2 EDMONTON INCIDENT REPORT SUMMARY – January 2026

EPCOR Incident Number	Description	Date of Incident	AEPA Reference Number
ENV-20260101-264336-v1	About 79 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.	January 1, 2026	448955
ENV-20260102-861118-v1	About 46 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.	January 2, 2026	448977
ENV-20260102-443819-v1	About 69 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.	January 2, 2026	448971
ENV-20260109-486042-v1	About 75 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.	January 9, 2026	448132
ENV-20260110-747205-v1	About 58 m ³ of potable chlorinated water at +/-1.5ppm was released to the surface due to a suspected leak within the water distribution system buried underground. The water drained to the nearby catch basin. Dechlorination pucks were placed in the path of water and the water entry point into the drainage infrastructure to dechlorinate the water. The leak was isolated until the repair was completed.	January 10, 2026	448187

ENV-1.1.2 EDMONTON INCIDENT REPORT SUMMARY – January 2026

ENV-20260111-680358-v1	About 41 m ³ of potable chlorinated water at +/-1.5ppm was released to the surface due to a suspected leak within the water distribution system buried underground. The water drained to the nearby catch basin. Dechlorination pucks were placed in the path of water and the water entry point into the drainage infrastructure to dechlorinate the water. The leak was isolated until the repair was completed.	January 11, 2026	449205
ENV-20260118-759634-v1	About 70 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.	January 18, 2026	449460
ENV-20260118-304308-v1	About 3 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.	January 18, 2026	449449
ENV-20260122-995607-v1	About 87 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.	January 22, 2026	449597
ENV-20260126-458122-v1	About 38 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.	January 26, 2026	449697
ENV-20260128-199653--v1	About 5 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	January 28, 2026	449758

ENV-1.1.2 EDMONTON INCIDENT REPORT SUMMARY – January 2026

	<p>water. The leak was isolated until the repair was completed.</p>		
<p>ENV-20260131-425410-v1</p>	<p>Upon arriving to the site, the EPCOR Emergency Response Team verified the location of the water infrastructure issue and initiated actions to control the leak. The private leak was initially isolated by the operation of the EPCOR water infrastructure on January 30, 2026, at 23: 25hrs. The initial isolation to control the leak resulted in 100+ customers out of water triggering a notification to AEPA. The water distribution main was recommissioned on January 31, 2026 @ 18:43pm.</p> <p>Private valve is shut off isolating the property and the private property owner is in the process of repairing the leak on the private service. Private property connections are not part of the Edmonton waterworks system.</p>	<p>January 30, 2026</p>	<p>449835</p>

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	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

E.L. SMITH TREATMENT PLANT (LEVEL IV)

Director, Edmonton Water Treatment Plants

Senior Manager, Operations

Manager, Operations

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

1.1.3 Alberta Environment Operator Certifications

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

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

Senior Manager, Maintenance and Construction

Manager, Maintenance and Construction

Manager, Dist. Maint Scheduling

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

1.1.3 Alberta Environment Operator Certifications

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

DISTRIBUTION SYSTEM (LEVEL IV FACILITY)

WATER DISTRIBUTION (WD) - CUSTOMER SERVICE

Senior Manager, Customer Service

Manager, Dispatch

WD II

Manager, Customer Service

Title

Alberta Environment Certification Level

Team Lead, Dispatch

Dispatcher Coordinator

WD I

Dispatcher Coordinator

WD I WWC I WT I WWT I

Inspector – Water Metering

WD II

Inspector – Water Metering

WD I

Manager, Cross Connections

WD II

Inspector – Cross Connections

WD I

1.1.3 Alberta Environment Operator Certifications

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

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

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

1.2.1 Raw Water Intake (ML)

January 2026

Day	Rossdale			E.L. Smith	Plants Combined Total
	Plant 1	Plant 2	Plant Total	Plant Total	
1	--	156	156	273	429
2	--	160	160	266	425
3	--	154	154	264	417
4	--	147	147	268	415
5	--	165	165	275	440
6	--	142	142	260	402
7	--	164	164	94	258
8	--	178	178	280	459
9	--	178	178	281	459
10	--	160	160	270	431
11	--	161	161	261	421
12	--	160	160	261	421
13	--	160	160	261	421
14	--	47	47	265	312
15	--	141	141	281	422
16	--	160	160	274	434
17	--	160	160	271	431
18	--	160	160	271	431
19	--	160	160	271	431
20	--	128	128	281	410
21	--	100	100	301	401
22	--	100	100	301	401
23	15	123	138	291	429
24	60	81	141	281	422
25	68	68	137	282	419
26	115	--	115	300	415
27	115	--	115	289	404
28	105	--	105	294	399
29	110	31	141	297	438
30	62	118	180	291	471
31	53	113	166	277	443
Monthly Total	704	3,776	4,480	8,432	12,912
Monthly Min	0.0	0.0	47	94	
Monthly Max	115	178	180	301	
Monthly Avg	23	122	145	272	417

NOTES: ' -- ' indicates plant offline

1.2.2 Treated Water Production (ML)

January 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	63	207	145	206	301	251	396	69.7
2	73	207	143	200	297	245	388	78.8
3	63	209	143	200	301	238	381	82.0
4	89	210	137	200	304	245	383	86.4
5	28	204	150	204	297	250	400	85.3
6	80	183	134	207	303	235	369	87.5
7	41	206	151	0.0	295	54	205	81.0
8	81	207	164	207	301	258	423	61.1
9	86	206	167	204	302	253	419	67.6
10	74	204	146	209	306	241	388	76.3
11	73	200	143	206	297	239	382	79.6
12	52	206	149	201	303	238	387	78.1
13	53	208	145	204	294	238	383	81.5
14	0.0	300	28	206	298	243	271	81.8
15	50	205	132	206	291	259	391	65.6
16	77	204	149	206	299	252	402	69.7
17	77	204	149	202	290	247	396	73.9
18	68	206	150	202	295	249	399	76.6
19	79	206	150	207	297	249	399	77.8
20	67	204	117	206	301	257	374	80.5
21	53	104	90	241	300	276	367	78.9
22	54	105	90	256	297	275	365	76.5
23	67	206	113	254	297	269	382	74.4
24	71	205	129	202	301	252	381	77.6
25	75	204	123	204	299	254	377	78.9
26	62	159	106	204	299	266	372	76.1
27	33	204	105	247	296	257	362	75.8
28	11	203	87	233	293	257	344	72.6
29	55	204	117	208	300	258	375	67.6
30	70	205	169	172	298	259	428	72.0
31	85	203	149	204	288	247	396	81.5
Monthly Total			4,071			7,613	11,684	
Monthly Min	0.0			0.0				
Monthly Max		300			306			
Monthly Avg			131			246	377	

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

January 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	1.5	1.9	1.7	8.0	8.1	8.0	4.4	4.6	4.6		1.6	2.0	1.8	8.0	8.1	8.1	4.8	5.1	5.0	
2	1.4	1.6	1.6	8.0	8.0	8.0	4.4	7.1	4.8		1.6	2.0	1.8	8.0	8.0	8.0	5.0	5.7	5.4	
3	1.4	1.9	1.5	8.0	8.1	8.0	4.8	5.1	4.9		1.7	1.9	1.8	7.9	8.0	8.0	5.5	6.4	6.1	
4	1.5	1.9	1.7	8.0	8.1	8.0	4.3	5.1	4.9		1.9	2.5	2.1	7.9	8.0	7.9	5.4	6.2	5.8	
5	1.7	1.7	1.7	8.0	8.0	8.0	0.5	4.3	4.0		1.8	2.5	2.0	7.9	8.0	8.0	4.2	5.8	4.9	
6	1.6	1.7	1.7	8.0	8.0	8.0	3.5	4.3	3.8		1.5	2.2	1.9	7.9	8.0	7.9	4.2	5.9	5.2	
7	1.5	1.6	1.5	8.0	8.0	8.0	4.2	4.3	4.2		1.6	4.8	1.7	8.0	8.0	8.0	4.9	5.9	5.5	
8	1.5	6.8	3.3	8.0	8.0	8.0	4.0	4.5	4.2		3.9	9.2	6.4	7.9	8.0	8.0	4.9	6.1	5.4	
9	2.6	3.9	3.3	8.0	8.0	8.0	4.5	5.6	4.8		2.4	3.9	2.8	7.9	8.0	8.0	5.6	7.1	6.4	
10	1.7	2.6	2.1	8.0	8.0	8.0	4.3	6.4	5.8		1.8	2.4	1.9	7.9	8.0	8.0	6.3	7.3	6.8	
11	1.3	1.7	1.5	8.0	8.0	8.0	4.3	5.2	4.6		1.3	1.8	1.6	7.9	7.9	7.9	5.6	6.5	6.0	
12	1.3	1.7	1.5	8.0	8.0	8.0	3.6	4.5	4.1		1.3	1.8	1.5	7.9	7.9	7.9	4.9	5.6	5.2	
13	1.6	2.0	1.9	8.0	8.0	8.0	3.2	3.6	3.4		1.5	1.8	1.6	7.9	8.0	8.0	5.1	6.3	5.5	
14	1.6	1.6	1.6	8.0	8.0	8.0	3.5	4.6	3.5		1.5	1.8	1.7	7.9	8.0	7.9	4.4	6.3	5.2	
15	1.6	2.0	1.8	8.0	8.0	8.0	3.9	4.6	4.2		1.7	1.8	1.7	7.9	8.0	8.0	3.8	4.8	4.6	
16	1.6	1.8	1.7	8.0	8.0	8.0	3.3	3.9	3.8		1.7	1.9	1.9	7.9	8.0	7.9	3.8	4.8	4.3	
17	1.7	1.9	1.8	8.0	8.0	8.0	3.3	4.0	3.7		1.7	2.0	1.9	8.0	8.0	8.0	4.4	5.3	4.8	
18	1.4	1.9	1.8	8.0	8.0	8.0	3.5	3.9	3.6		1.4	1.8	1.5	7.9	8.0	8.0	4.0	5.2	4.8	
19	1.4	1.9	1.5	8.0	8.1	8.0	3.6	3.9	3.7		1.4	2.0	1.6	8.0	8.0	8.0	4.0	4.6	4.4	
20	1.7	1.9	1.8	8.0	8.0	8.0	3.6	4.1	3.7		1.5	1.6	1.5	8.0	8.0	8.0	4.3	5.0	4.7	
21	1.6	1.8	1.7	7.9	8.0	8.0	4.1	4.6	4.4		1.4	1.5	1.4	7.9	8.0	8.0	4.6	5.1	4.9	
22	1.6	1.7	1.7	8.0	8.1	8.0	4.3	4.7	4.5		1.4	2.1	1.7	7.9	8.0	8.0	4.7	5.5	5.0	
23	1.5	1.6	1.5	8.0	8.1	8.0	4.5	4.6	4.5		1.5	1.8	1.6	7.9	8.0	7.9	5.2	5.5	5.3	
24	1.4	1.8	1.6	8.0	8.0	8.0	3.3	4.9	4.1		1.3	1.8	1.5	8.0	8.1	8.0	4.8	6.0	5.3	
25	1.5	2.4	1.8	8.0	8.0	8.0	4.5	4.9	4.8		1.3	3.6	2.4	8.0	8.0	8.0	5.0	5.5	5.2	
26	2.2	3.0	2.7	8.0	8.0	8.0	4.7	5.4	4.8		1.7	3.6	2.4	8.0	8.0	8.0	5.4	6.1	5.8	
27	2.2	5.1	2.7	8.0	8.0	8.0	5.3	5.4	5.4		1.7	7.0	4.3	8.0	8.0	8.0	5.9	7.7	6.4	
28	2.4	5.1	3.5	8.0	8.1	8.0	5.3	6.9	5.8		2.2	3.8	2.6	8.0	8.0	8.0	6.3	6.9	6.8	
29	2.1	2.6	2.3	8.0	8.0	8.0	6.8	6.9	6.9		1.7	2.3	2.0	7.9	8.0	8.0	5.9	7.0	6.4	
30	2.0	3.1	2.7	8.0	8.1	8.1	6.1	7.0	6.7		1.9	2.3	2.2	7.9	8.0	8.0	5.5	6.8	6.2	
31	2.0	3.1	2.6	8.0	8.0	8.0	5.7	11.4	6.9		1.9	2.9	2.5	7.8	8.0	7.9	6.0	6.9	6.4	
Monthly Min/Max/Avg	1.3	6.8	2.0	7.9	8.1	8.0	0.5	11.4	4.6		1.3	9.2	2.1	7.8	8.1	8.0	3.8	7.7	5.5	

NOTES: ' -- ' indicates plant offline

1.2.4 Treated Water Quality Entering the Distribution System January 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	0.06	0.08	0.08	1.96	2.11	2.03	7.8	7.8	7.8	0.72	0.73	0.72	203	1.0	0.07	0.07	0.07	1.88	1.93	1.91	8.0	8.0	8.0	0.66	0.67	0.67	202	1.0
2	0.07	0.06	0.08	1.91	2.06	1.99	7.8	7.8	7.8	0.72	0.72	0.72	195	0.9	0.07	0.07	0.07	1.88	1.93	1.91	8.0	8.0	8.0	0.66	0.67	0.67	192	1.1
3	0.07	0.08	0.05	1.86	2.06	1.96	7.8	7.8	7.8	0.72	0.73	0.73	192	0.7	0.07	0.07	0.07	1.89	1.93	1.92	8.0	8.0	8.0	0.67	0.67	0.67	193	1.4
4	0.04	0.05	0.05	1.86	2.06	1.97	7.8	7.8	7.8	0.72	0.73	0.73	193	0.7	0.07	0.07	0.07	1.89	1.93	1.92	8.0	8.0	8.0	0.67	0.67	0.67	193	1.6
5	0.07	0.10	0.08	1.96	2.11	2.04	7.8	7.8	7.8	0.73	0.73	0.73	189	0.5	0.07	0.07	0.07	1.89	1.97	1.93	8.0	8.0	8.0	0.67	0.67	0.67	182	1.2
6	0.06	0.08	0.07	1.96	2.11	2.01	7.8	7.8	7.8	0.73	0.73	0.73	186	0.6	0.06	0.07	0.07	1.88	1.94	1.91	8.0	8.0	8.0	0.67	0.67	0.67	171	0.9
7	0.07	0.10	0.08	1.91	2.11	2.00	7.8	7.8	7.8	0.73	0.73	0.73	179	0.8	0.07	0.09	0.08	1.89	1.95	1.92	7.9	8.2	8.0	0.66	0.81	0.73	175	0.5
8	0.06	0.09	0.08	2.01	2.16	2.08	7.8	7.8	7.8	0.73	0.73	0.73	185	0.6	0.07	0.09	0.07	1.88	1.93	1.92	8.0	8.0	8.0	0.67	0.68	0.68	183	0.9
9	0.06	0.08	0.07	1.91	2.16	2.04	7.8	7.8	7.8	0.73	0.74	0.74	186	0.7	0.07	0.07	0.07	1.88	1.98	1.94	8.0	8.0	8.0	0.67	0.69	0.68	196	1.3
10	0.07	0.15	0.08	1.91	2.21	1.98	7.8	7.8	7.8	0.74	0.74	0.74	187	1.0	0.07	0.07	0.07	1.98	2.02	1.98	8.0	8.0	8.0	0.67	0.68	0.68	197	1.3
11	0.05	0.09	0.06	2.01	2.26	2.17	7.8	7.8	7.8	0.73	0.74	0.74	196	0.8	0.07	0.07	0.07	1.98	2.08	2.01	8.0	8.0	8.0	0.67	0.67	0.67	194	1.5
12	0.06	0.06	0.07	2.01	2.21	2.10	7.8	7.8	7.8	0.73	0.74	0.74	194	0.7	0.07	0.07	0.07	1.93	1.98	1.97	8.0	8.0	8.0	0.67	0.68	0.67	190	1.3
13	0.06	0.08	0.07	2.01	2.21	2.12	7.8	7.8	7.8	0.73	0.74	0.74	192	0.6	0.06	0.07	0.07	1.98	2.00	1.98	8.0	8.0	8.0	0.67	0.67	0.67	189	1.2
14	0.05	0.11	0.07	1.71	2.11	2.17	7.5	7.8	7.8	0.72	0.78	0.73	185	0.3	0.06	0.07	0.06	1.94	2.02	1.98	8.0	8.0	8.0	0.67	0.67	0.67	179	1.2
15	0.04	0.10	0.07	2.01	2.11	2.06	7.8	7.8	7.8	0.73	0.74	0.74	185	0.6	0.06	0.06	0.06	1.93	1.98	1.97	8.0	8.0	8.0	0.67	0.68	0.67	182	1.4
16	0.03	0.06	0.04	2.01	2.11	2.06	7.8	7.8	7.8	0.73	0.74	0.73	182	0.6	0.06	0.06	0.06	1.93	1.98	1.97	8.0	8.0	8.0	0.67	0.68	0.68	180	0.7
17	0.03	0.06	0.04	1.96	2.16	2.05	7.8	7.8	7.8	0.73	0.73	0.73	177	0.4	0.06	0.06	0.06	1.93	1.98	1.96	8.0	8.0	8.0	0.67	0.68	0.68	178	0.9
18	0.03	0.06	0.04	1.96	2.06	2.02	7.8	7.8	7.8	0.73	0.73	0.73	177	0.5	0.06	0.06	0.06	1.93	1.98	1.98	8.0	8.0	8.0	0.67	0.68	0.68	175	1.0
19	0.03	0.05	0.04	1.96	2.11	2.02	7.8	7.8	7.8	0.73	0.74	0.73	177	0.6	0.06	0.06	0.06	1.93	1.98	1.94	8.0	8.0	8.0	0.68	0.70	0.69	176	1.2
20	0.04	0.05	0.04	1.91	2.11	2.00	7.8	7.8	7.8	0.73	0.73	0.73	177	0.5	0.06	0.06	0.06	1.93	1.98	1.97	8.0	8.0	8.0	0.69	0.70	0.70	177	1.2
21	0.04	0.06	0.04	1.86	2.21	2.00	7.8	7.8	7.8	0.71	0.73	0.72	178	0.8	0.06	0.07	0.06	1.93	1.98	1.97	8.0	8.0	8.0	0.70	0.71	0.70	182	0.9
22	0.04	0.05	0.04	1.96	2.06	2.00	7.8	7.8	7.8	0.71	0.71	0.71	180	0.6	0.06	0.07	0.07	1.93	1.98	1.96	8.0	8.0	8.0	0.70	0.72	0.71	185	0.9
23	0.03	0.06	0.04	1.96	2.16	2.09	7.8	7.8	7.8	0.69	0.71	0.70	183	0.5	0.07	0.07	0.07	1.93	1.98	1.96	8.0	8.0	8.0	0.71	0.72	0.72	186	1.2
24	0.04	0.06	0.04	1.91	2.21	2.02	7.8	7.8	7.8	0.68	0.69	0.68	189	0.6	0.07	0.08	0.07	1.93	1.98	1.94	8.0	8.1	8.0	0.71	0.73	0.72	189	1.1
25	0.03	0.06	0.04	1.91	2.06	1.97	7.8	7.8	7.8	0.68	0.69	0.69	189	0.8	0.07	0.08	0.07	1.93	1.98	1.94	8.0	8.0	8.0	0.71	0.73	0.73	189	1.1
26	0.04	0.07	0.05	1.91	2.01	1.95	7.8	7.8	7.8	0.69	0.69	0.69	188	0.8	0.07	0.07	0.07	1.93	1.98	1.95	8.0	8.0	8.0	0.73	0.74	0.73	190	1.0
27	0.04	0.06	0.05	1.91	2.06	1.98	7.8	7.8	7.8	0.69	0.69	0.69	188	0.7	0.07	0.07	0.07	1.93	1.98	1.96	8.0	8.0	8.0	0.71	0.73	0.73	187	1.2
28	0.05	0.06	0.05	1.91	2.16	2.00	7.8	7.8	7.8	0.69	0.71	0.70	198	1.0	0.07	0.07	0.07	1.97	2.03	2.00	8.0	8.0	8.0	0.71	0.72	0.72	190	1.4
29	0.04	0.08	0.05	1.86	2.16	1.97	7.8	7.9	7.8	0.70	0.74	0.72	198	1.4	0.07	0.07	0.07	2.01	2.03	2.03	8.0	8.0	8.0	0.71	0.72	0.71	198	1.3
30	0.04	0.07	0.05	2.01	2.21	2.09	7.8	7.8	7.8	0.74	0.74	0.74	194	1.2	0.07	0.07	0.07	1.98	2.03	2.02	8.0	8.1	8.1	0.71	0.72	0.71	196	1.1
31	0.04	0.07	0.04	2.11	2.21	2.15	7.8	7.8	7.8	0.73	0.74	0.74	192	1.4	0.07	0.07	0.07	1.98	2.03	2.01	8.1	8.1	8.1	0.70	0.72	0.71	187	1.3
Monthly Min/Max/ Avg	0.03	0.15	0.06	1.71	2.26	2.04	7.5	7.9	7.8	0.68	0.78	0.72	188	0.7	0.06	0.09	0.07	1.88	2.08	1.96	7.9	8.2	8.0	0.66	0.81	0.69	187	1.1

NOTES: ' -- ' indicates plant offline

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

January 2026

Filter	1			2			3			4			5			6			7			8			9		
Day	Min	Max	Avg																								
1	1	15	3	1	2	1	1	1	1	1	9	2	1	7	3	1	3	2	3	12	5	1	20	1	1	3	1
2	1	3	2	1	10	1	1	8	2	1	8	1	1	4	2	1	5	1	1	5	2	1	22	2	1	5	1
3	1	1	1	1	3	1	1	2	1	1	13	3	5	21	8	1	5	2	1	2	1	1	2	1	1	3	1
4	1	14	2	1	2	1	1	8	1	1	5	2	1	8	4	1	2	1	1	13	3	1	23	1	1	1	1
5	1	2	1	1	10	1	1	9	1	1	6	2	1	4	2	1	19	2	1	3	1	1	9	2	1	23	2
6	2	10	4	1	2	1	1	3	1	1	11	3	12	44	18	1	2	1	1	1	1	1	2	1	1	2	1
7	1	3	2	1	1	1	1	9	3	1	9	1	1	14	12	1	18	2	1	13	2	1	5	1	1	1	1
8	1	8	1	1	20	2	1	4	2	1	16	3	4	26	8	1	2	1	1	2	1	1	28	2	4	12	6
9	1	20	4	1	21	1	1	1	1	1	6	2	2	11	6	1	18	3	1	20	2	1	22	1	3	11	5
10	1	2	1	1	5	2	1	7	2	1	15	3	2	7	3	1	4	2	1	4	2	1	6	2	--	--	--
11	1	16	3	1	37	6	1	47	6	1	44	6	2	29	5	1	42	10	1	42	8	1	47	7	--	--	--
12	1	3	1	2	42	21	1	16	2	1	11	2	1	3	2	1	3	1	1	3	1	1	3	1	2	17	5
13	--	--	--	1	4	1	1	2	1	1	15	2	2	28	5	1	23	1	1	21	1	1	2	1	1	15	2
14	1	2	2	1	1	1	1	23	3	1	9	3	1	4	2	1	6	2	1	5	2	--	--	--	1	5	2
15	1	10	2	1	3	1	1	6	1	1	10	2	--	--	--	1	9	1	1	14	2	1	18	5	1	5	2
16	1	1	1	1	1	1	1	11	6	1	12	2	4	26	8	1	42	4	1	5	1	1	28	2	1	1	1
17	1	9	1	1	1	1	1	1	1	1	2	1	1	12	4	1	6	1	1	26	1	1	8	1	1	16	2
18	1	18	2	1	10	1	1	4	1	1	22	2	1	4	1	1	2	1	1	7	2	1	24	2	1	4	1
19	1	13	3	1	2	1	1	12	2	1	3	1	2	22	5	1	1	1	1	17	3	1	2	1	1	2	1
20	1	7	1	1	41	1	1	1	1	1	2	1	1	4	2	1	12	1	1	1	1	1	1	1	1	12	2
21	1	4	1	--	--	--	1	40	1	1	13	2	1	2	1	1	2	1	1	13	2	1	22	1	1	2	1
22	1	1	1	1	7	1	1	15	2	1	2	1	--	--	--	1	1	1	1	2	1	1	2	1	1	1	1
23	1	11	2	1	2	1	1	2	1	1	3	1	1	25	4	1	11	2	1	2	1	1	1	1	1	12	1
24	1	3	1	1	1	1	1	1	1	1	10	3	1	4	2	1	2	1	1	1	1	1	18	2	1	4	2
25	1	2	1	1	13	2	1	1	1	1	4	2	1	3	1	1	2	1	1	13	2	1	5	1	1	2	1
26	--	--	--	1	3	1	1	10	4	1	2	1	3	27	6	--	--	--	1	3	1	1	2	1	1	11	3
27	2	21	5	1	20	5	1	5	2	2	13	3	1	5	2	1	14	2	1	27	12	1	26	6	2	14	4
28	1	5	2	1	36	10	1	2	1	--	--	--	1	33	6	1	3	2	1	28	6	1	26	5	1	6	2
29	1	25	6	1	34	7	2	17	4	1	48	6	3	21	8	2	13	4	1	41	4	1	26	3	1	19	4
30	1	19	5	1	10	2	1	3	1	5	26	10	5	24	10	1	14	3	1	24	3	1	3	2	1	19	3
31	1	16	2	1	19	4	1	45	8	1	6	2	2	10	5	1	22	3	1	35	6	1	32	7	1	44	7
Monthly Min/Max/Avg	1	25	2	1	42	3	1	47	2	1	48	2	1	44	5	1	42	2	1	42	3	1	47	2	1	44	2

NOTE: '--' indicates filter offline

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

January 2026

Filter	1			2			3			4			5			6			7			8			9		
Day	Min	Max	Avg																								
1	1	11	3	1	24	2	1	15	3	1	4	2	1	16	1	--	--	--	8	15	11	1	6	1	1	26	5
2	1	3	1	1	4	2	1	4	2	1	15	1	1	5	2	--	--	--	7	28	13	1	27	4	1	4	1
3	1	11	3	1	43	2	1	20	3	1	4	2	1	20	2	--	--	--	7	40	10	1	30	4	1	24	4
4	1	12	2	1	7	2	1	3	2	1	14	2	1	3	1	--	--	--	9	26	13	1	6	2	1	32	3
5	1	4	2	1	28	2	1	13	2	1	3	1	1	10	2	--	--	--	6	27	10	1	30	3	1	3	1
6	1	9	1	1	8	1	1	12	2	1	8	2	1	10	1	--	--	--	7	13	10	1	30	3	1	27	3
7	1	18	1	2	7	3	1	42	2	1	7	2	1	27	2	--	--	--	10	26	13	2	4	3	3	23	5
8	1	36	3	1	5	2	1	17	3	1	4	2	1	18	2	--	--	--	7	16	11	1	25	5	2	27	4
9	1	5	2	1	22	3	1	4	2	1	13	2	1	6	2	--	--	--	9	28	14	2	24	5	1	12	3
10	1	15	2	1	7	1	1	21	2	1	5	2	1	19	2	--	--	--	6	30	10	1	9	4	1	45	19
11	1	11	1	1	24	2	1	12	1	1	8	1	1	12	1	--	--	--	7	24	13	2	32	4	3	25	7
12	1	14	2	1	2	1	1	2	1	1	2	1	1	3	1	--	--	--	7	26	11	1	28	4	4	37	14
13	1	2	1	1	17	2	1	16	2	1	9	1	1	11	2	--	--	--	7	25	10	1	3	1	1	6	2
14	1	13	1	1	25	1	1	14	1	1	1	1	1	14	1	--	--	--	6	13	9	1	31	2	1	25	3
15	1	4	1	1	5	1	1	3	1	1	11	1	1	4	1	--	--	--	6	45	10	1	29	2	1	8	2
16	1	15	1	1	22	1	1	18	1	1	11	1	1	14	1	--	--	--	5	23	9	1	2	1	1	24	2
17	1	16	1	1	2	1	1	15	1	1	5	1	1	2	1	--	--	--	6	11	8	1	33	3	1	28	3
18	1	2	1	1	17	2	1	3	1	1	19	1	1	12	1	--	--	--	6	37	9	1	27	3	1	6	2
19	1	11	1	1	4	1	1	13	1	1	2	1	1	10	1	--	--	--	5	28	8	1	4	1	1	21	3
20	1	10	1	1	24	1	1	5	1	1	9	1	1	3	1	--	--	--	5	10	8	1	31	2	1	27	2
21	1	3	1	1	23	1	1	11	2	1	2	1	1	9	1	--	--	--	6	26	10	1	27	2	1	5	2
22	1	16	1	1	8	1	1	16	1	1	19	1	1	2	1	--	--	--	6	26	10	1	3	2	1	27	3
23	1	2	1	1	20	2	1	3	1	1	2	1	1	10	2	--	--	--	6	29	9	1	23	3	2	30	3
24	1	17	1	1	20	1	1	13	1	1	13	1	1	12	1	--	--	--	6	22	11	2	33	4	3	26	9
25	1	14	1	1	11	1	1	18	1	1	13	1	1	4	1	--	--	--	7	35	10	1	27	6	2	45	12
26	1	14	1	1	24	2	1	7	2	1	4	1	1	15	2	--	--	--	9	29	14	2	30	6	2	44	8
27	1	15	2	1	5	1	1	20	2	1	15	2	1	20	2	--	--	--	5	44	14	1	11	4	1	41	7
28	1	19	2	1	33	2	1	16	1	1	18	1	1	17	1	--	--	--	4	45	17	3	43	10	2	44	12
29	1	13	1	1	19	1	1	3	1	1	14	1	1	3	1	--	--	--	8	44	15	2	43	7	2	45	10
30	1	2	1	1	18	1	1	17	1	1	3	1	1	10	1	--	--	--	8	27	12	1	32	6	2	45	7
31	1	11	2	1	8	1	1	19	2	1	14	1	1	6	1	--	--	--	8	27	13	2	28	5	2	25	6
Monthly Min/Max/Avg	1	36	2	1	43	2	1	42	2	1	19	1	1	27	1	--	--	--	4	45	11	1	43	4	1	45	5

NOTES: '--' indicates filter offline

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

January 2026

Filter	10			11			12			13			14			15			16			17			18			
	Day	Min	Max	Avg																								
1	2	12	4	1	23	4	7	28	12	1	22	2	1	4	2	1	16	3	1	11	3	1	13	2	1	8	2	
2	3	29	8	1	7	2	3	24	9	1	9	3	1	18	4	1	7	1	1	16	4	1	18	3	1	18	3	
3	2	7	4	1	23	4	3	13	7	1	19	3	1	14	3	1	9	3	1	18	3	1	11	2	1	18	3	
4	1	25	4	1	22	3	2	28	7	1	18	3	1	14	2	1	9	2	1	13	2	1	26	4	1	7	2	
5	1	26	3	1	22	3	2	24	5	1	6	2	1	10	3	1	7	2	1	13	2	1	15	2	1	17	2	
6	1	3	1	1	10	1	1	34	5	1	19	3	1	14	3	1	8	2	1	21	2	1	14	3	1	18	2	
7	1	26	7	1	24	7	6	22	14	1	12	4	1	18	3	2	10	3	1	14	3	1	1	1	1	1	7	2
8	2	34	8	1	27	4	2	27	7	2	11	4	1	6	3	1	7	3	1	38	8	3	20	6	1	39	7	
9	1	21	5	1	25	3	1	36	10	2	18	6	1	19	5	1	11	4	1	18	4	1	18	4	1	11	3	
10	6	42	12	4	20	11	10	45	20	1	25	6	1	17	5	1	10	2	2	33	6	2	23	6	1	23	7	
11	4	36	13	1	29	4	14	41	23	1	32	7	1	6	2	1	28	2	2	45	9	1	39	8	1	39	6	
12	4	46	12	1	24	3	5	33	12	1	24	2	1	18	3	1	10	2	1	19	4	1	20	3	2	41	10	
13	2	26	9	1	3	2	4	26	12	1	21	8	1	24	5	1	7	1	1	24	3	1	26	7	1	21	2	
14	1	37	6	--	--	--	3	26	11	1	10	2	1	5	2	1	13	2	1	20	3	1	7	2	1	21	3	
15	1	42	8	--	--	--	3	32	8	1	22	3	1	20	2	1	14	1	1	19	3	1	22	2	1	37	7	
16	2	37	14	--	--	--	2	35	4	1	19	4	1	5	1	1	7	1	1	28	4	1	22	2	1	6	1	
17	2	38	11	--	--	--	6	23	11	1	11	2	1	20	2	1	14	2	1	20	3	1	22	2	1	17	3	
18	2	25	6	--	--	--	3	31	14	1	19	4	1	20	2	1	12	2	1	13	3	1	4	2	1	38	10	
19	1	43	5	--	--	--	2	37	10	1	11	3	1	21	2	1	7	1	1	23	4	1	22	3	1	18	2	
20	1	33	10	2	26	5	3	27	8	1	19	2	1	4	2	1	16	2	1	21	2	1	2	1	1	18	3	
21	2	42	12	1	4	2	3	43	18	1	21	2	1	20	2	1	40	2	1	21	4	1	22	3	1	18	5	
22	2	25	5	1	21	3	6	29	11	1	20	3	1	19	3	1	16	1	1	10	1	1	23	4	1	31	6	
23	3	28	8	1	26	4	6	30	14	1	16	3	1	4	2	1	8	2	1	24	3	1	21	4	1	23	6	
24	3	45	14	2	24	4	4	46	21	1	22	3	1	22	3	1	13	3	1	45	7	1	24	4	1	45	9	
25	3	44	12	2	20	6	5	45	18	1	34	5	1	21	3	1	32	6	1	44	7	1	43	7	1	37	5	
26	2	44	10	1	25	6	6	44	19	1	42	6	1	45	7	1	15	3	1	38	6	2	22	6	1	44	5	
27	3	45	10	1	27	5	5	44	14	1	45	6	1	45	8	1	9	2	1	35	5	2	30	7	1	41	4	
28	2	44	12	1	25	6	5	42	17	1	39	5	1	42	4	1	18	4	1	38	6	2	32	6	1	45	9	
29	4	49	16	1	40	8	8	43	21	2	35	8	1	39	6	1	44	5	1	45	5	2	45	11	1	43	6	
30	2	45	10	1	25	6	6	45	17	1	20	4	1	37	5	1	14	3	1	40	4	1	30	5	1	44	6	
31	4	26	8	1	25	2	7	29	14	1	20	3	2	22	5	1	30	4	1	27	5	1	38	6	1	27	6	
Monthly Min/Max/Avg	1	49	9	1	40	4	1	46	13	1	45	4	1	45	3	1	44	2	1	45	4	1	45	4	1	45	5	

NOTES: '--' indicates filter offline

1.2.8 Rosedale Filters 1 - 9 Turbidity (NTU)

January 2026

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

NOTES: '--' indicates filter offline

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

January 2026

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

NOTES: '--' indicates filter offline

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

January 2026

Filter	10			11			12			13			14			15			16			17			18		
Day	Min	Max	Avg																								
1	0.03	0.03	0.03	0.01	0.08	0.01	0.01	0.07	0.02	0.03	0.09	0.03	0.04	0.04	0.04	0.05	0.09	0.06	0.04	0.04	0.04	0.04	0.05	0.04	0.03	0.04	0.04
2	0.03	0.09	0.04	0.01	0.01	0.00	0.01	0.06	0.02	0.03	0.05	0.04	0.04	0.09	0.05	0.05	0.05	0.05	0.04	0.09	0.05	0.04	0.09	0.05	0.03	0.09	0.04
3	0.02	0.04	0.03	0.01	0.07	0.01	0.01	0.02	0.02	0.03	0.08	0.04	0.04	0.09	0.05	0.05	0.09	0.06	0.04	0.09	0.05	0.04	0.05	0.05	0.03	0.09	0.04
4	0.03	0.09	0.04	0.01	0.08	0.01	0.01	0.07	0.02	0.03	0.09	0.04	0.04	0.09	0.04	0.05	0.09	0.06	0.04	0.06	0.04	0.04	0.09	0.05	0.03	0.04	0.04
5	0.02	0.08	0.03	0.01	0.08	0.01	0.01	0.07	0.02	0.03	0.04	0.03	0.04	0.07	0.04	0.05	0.09	0.05	0.04	0.09	0.05	0.04	0.05	0.04	0.03	0.09	0.04
6	0.02	0.05	0.03	0.01	0.01	0.00	0.01	0.05	0.01	0.03	0.08	0.04	0.04	0.09	0.05	0.05	0.06	0.05	0.04	0.09	0.04	0.04	0.09	0.05	0.03	0.08	0.04
7	0.03	0.08	0.04	0.00	0.06	0.02	0.02	0.03	0.02	0.03	0.07	0.05	0.04	0.09	0.05	0.06	0.09	0.07	0.04	0.06	0.05	0.04	0.04	0.04	0.03	0.04	0.04
8	0.03	0.10	0.04	0.01	0.09	0.01	0.01	0.05	0.02	0.03	0.04	0.04	0.02	0.05	0.16	0.04	0.06	0.05	0.02	0.05	0.12	0.05	0.09	0.06	0.03	0.09	0.04
9	0.02	0.09	0.04	0.01	0.08	0.01	0.01	0.07	0.02	0.04	0.09	0.05	0.03	0.09	0.05	0.04	0.09	0.06	0.04	0.09	0.05	0.04	0.09	0.05	0.04	0.05	0.04
10	0.03	0.09	0.04	0.01	0.04	0.01	0.02	0.07	0.02	0.03	0.09	0.04	0.04	0.09	0.04	0.05	0.09	0.05	0.04	0.09	0.05	0.05	0.09	0.05	0.04	0.09	0.05
11	0.03	0.08	0.04	0.01	0.08	0.01	0.02	0.06	0.02	0.02	0.04	0.03	0.03	0.05	0.04	0.05	0.07	0.05	0.04	0.08	0.04	0.04	0.05	0.04	0.04	0.09	0.04
12	0.03	0.09	0.04	0.01	0.06	0.01	0.01	0.05	0.02	0.03	0.08	0.03	0.03	0.09	0.04	0.05	0.09	0.05	0.03	0.09	0.04	0.04	0.09	0.05	0.03	0.04	0.04
13	0.03	0.04	0.03	0.01	0.00	0.01	0.01	0.06	0.02	0.03	0.08	0.04	0.03	0.08	0.04	0.04	0.05	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.04	0.08	0.04
14	0.02	0.07	0.03	--	--	--	0.01	0.05	0.02	0.03	0.04	0.03	0.03	0.05	0.04	0.05	0.09	0.05	0.03	0.08	0.04	0.04	0.05	0.04	0.03	0.08	0.04
15	0.02	0.06	0.03	--	--	--	0.01	0.05	0.01	0.03	0.07	0.04	0.03	0.08	0.04	0.04	0.09	0.05	0.04	0.04	0.04	0.04	0.09	0.05	0.02	0.05	0.03
16	0.02	0.06	0.03	--	--	--	0.01	0.04	0.01	0.03	0.08	0.03	0.03	0.04	0.03	0.04	0.05	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.04	0.03
17	0.02	0.05	0.03	--	--	--	0.01	0.04	0.01	0.02	0.04	0.03	0.03	0.07	0.04	0.04	0.08	0.05	0.04	0.07	0.04	0.04	0.09	0.04	0.03	0.06	0.03
18	0.02	0.07	0.03	--	--	--	0.01	0.04	0.02	0.02	0.07	0.03	0.03	0.08	0.04	0.05	0.08	0.05	0.04	0.04	0.04	0.04	0.05	0.04	0.03	0.03	0.03
19	0.02	0.05	0.03	--	--	--	0.01	0.05	0.01	0.02	0.03	0.03	0.03	0.08	0.04	0.04	0.05	0.05	0.04	0.07	0.04	0.04	0.09	0.05	0.03	0.06	0.03
20	0.03	0.07	0.03	0.00	0.06	0.01	0.01	0.05	0.01	0.03	0.07	0.04	0.03	0.05	0.04	0.04	0.09	0.05	0.04	0.08	0.04	0.04	0.04	0.04	0.03	0.06	0.03
21	0.02	0.07	0.03	0.01	0.00	0.01	0.01	0.05	0.02	0.03	0.07	0.03	0.03	0.08	0.04	0.05	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.03	0.03
22	0.03	0.07	0.03	0.01	0.05	0.01	0.01	0.05	0.02	0.02	0.08	0.03	0.03	0.08	0.04	0.05	0.09	0.05	0.04	0.04	0.04	0.04	0.09	0.05	0.03	0.06	0.03
23	0.03	0.07	0.03	0.01	0.06	0.01	0.01	0.05	0.02	0.03	0.04	0.03	0.03	0.04	0.04	0.05	0.06	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.06	0.03
24	0.03	0.08	0.04	0.01	0.06	0.01	0.01	0.05	0.02	0.03	0.07	0.04	0.03	0.08	0.04	0.05	0.09	0.05	0.04	0.08	0.04	0.04	0.05	0.04	0.03	0.06	0.03
25	0.03	0.07	0.03	0.01	0.06	0.01	0.01	0.05	0.02	0.02	0.07	0.03	0.03	0.08	0.04	0.05	0.09	0.05	0.04	0.08	0.04	0.04	0.08	0.05	0.03	0.06	0.03
26	0.03	0.08	0.04	0.01	0.06	0.00	0.01	0.06	0.02	0.03	0.09	0.04	0.03	0.08	0.04	0.05	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.07	0.03
27	0.03	0.09	0.04	0.01	0.07	0.01	0.01	0.07	0.02	0.03	0.08	0.04	0.03	0.08	0.04	0.05	0.06	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.06	0.03
28	0.03	0.08	0.04	0.01	0.07	0.01	0.01	0.07	0.02	0.03	0.09	0.04	0.03	0.09	0.04	0.05	0.09	0.06	0.04	0.09	0.05	0.05	0.09	0.05	0.03	0.07	0.03
29	0.03	0.08	0.04	0.01	0.06	0.01	0.02	0.06	0.03	0.03	0.09	0.04	0.03	0.09	0.04	0.05	0.09	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.07	0.04
30	0.03	0.08	0.04	0.01	0.06	0.01	0.01	0.06	0.02	0.03	0.08	0.04	0.03	0.09	0.04	0.05	0.09	0.05	0.04	0.09	0.05	0.04	0.09	0.05	0.03	0.06	0.03
31	0.03	0.09	0.04	0.01	0.06	0.00	0.01	0.06	0.02	0.03	0.08	0.04	0.03	0.08	0.04	0.04	0.05	0.05	0.04	0.08	0.04	0.04	0.09	0.05	0.03	0.06	0.03
Monthly Min/Max/Avg	0.02	0.10	0.04	0.01	0.09	0.01	0.01	0.07	0.02	0.02	0.09	0.04	0.02	0.09	0.04	0.04	0.09	0.05	0.02	0.09	0.04	0.04	0.09	0.05	0.02	0.09	0.04

NOTES: '--' indicates filter offline

1.2.11 Combined Filter Effluent Water Quality

January 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	9	2	0.03	0.08	0.04	2	6	4	0.02	0.03	0.03
2	1	4	2	0.03	0.08	0.04	3	6	3	0.02	0.03	0.03
3	1	4	2	0.04	0.08	0.04	3	7	4	0.02	0.03	0.03
4	1	3	2	0.03	0.06	0.04	2	5	3	0.02	0.03	0.03
5	1	4	2	0.03	0.07	0.04	2	5	3	0.02	0.03	0.03
6	1	7	1	0.03	0.08	0.04	2	6	3	0.02	0.03	0.02
7	1	7	3	0.03	0.15	0.04	1	21	2	0.01	0.04	0.01
8	1	6	2	0.04	0.15	0.04	3	9	5	0.02	0.03	0.03
9	1	4	2	0.04	0.08	0.04	3	6	5	0.03	0.04	0.03
10	1	3	2	0.04	0.08	0.04	5	11	7	0.02	0.03	0.03
11	1	15	7	0.03	0.06	0.04	3	10	6	0.02	0.03	0.03
12	1	8	3	0.04	0.07	0.04	3	9	4	0.02	0.03	0.03
13	1	4	1	0.03	0.04	0.04	3	7	4	0.02	0.03	0.02
14	1	6	1	0.04	0.08	0.34	2	6	3	0.02	0.03	0.03
15	1	4	2	0.03	0.07	0.04	2	6	3	0.02	0.03	0.02
16	1	8	4	0.03	0.07	0.05	2	5	3	0.02	0.03	0.02
17	1	5	1	0.03	0.05	0.03	2	6	3	0.02	0.03	0.02
18	1	4	1	0.03	0.07	0.05	2	5	4	0.02	0.03	0.02
19	1	5	2	0.03	0.05	0.03	2	5	3	0.02	0.03	0.02
20	1	14	1	0.03	0.05	0.03	2	6	3	0.02	0.03	0.02
21	1	4	1	0.02	0.08	0.03	2	8	4	0.02	0.03	0.02
22	1	3	1	0.03	0.06	0.04	2	6	3	0.02	0.03	0.02
23	1	4	2	0.03	0.10	0.04	2	7	4	0.02	0.03	0.02
24	1	3	1	0.03	0.16	0.04	3	9	6	0.02	0.03	0.02
25	1	3	1	0.03	0.06	0.04	3	9	6	0.02	0.03	0.02
26	1	6	2	0.03	0.06	0.04	3	11	6	0.02	0.03	0.03
27	1	13	4	0.03	0.07	0.04	3	11	6	0.02	0.03	0.03
28	1	11	4	0.04	0.06	0.04	3	12	7	0.02	0.03	0.03
29	2	14	5	0.04	0.09	0.04	2	13	7	0.02	0.03	0.03
30	2	7	3	0.03	0.13	0.04	2	12	5	0.02	0.03	0.03
31	2	11	4	0.04	0.07	0.04	3	8	5	0.02	0.03	0.03
Monthly Min/Max/Avg	1	15	2	0.02	0.16	0.05	1	21	4	0.01	0.04	0.02

NOTES: ' -- ' indicates plant offline

1.2.12 Rossdale UV Disinfection - Filters 1 - 3

January 2026

Filter	1						2						3						Transmittance (%)		
	Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)					
	Day	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max
1	35.1	50.0	40.0	13.2	28.2	11.4	36.9	48.3	41.0	16.5	21.9	19.8	36.4	45.1	39.8	13.9	18.0	11.3	91.6	94.7	94.1
2	34.4	37.4	35.7	18.3	26.5	23.5	40.7	57.7	46.7	13.5	20.5	5.2	34.8	39.7	35.6	17.6	26.3	19.7	94.4	94.7	94.6
3	37.1	38.3	38.8	15.3	18.3	7.5	35.2	42.2	37.0	19.2	27.0	23.3	34.8	39.5	36.2	15.6	19.9	18.0	94.1	94.8	94.4
4	35.0	36.2	35.6	20.1	26.8	21.8	36.4	50.6	41.8	15.5	21.9	19.1	35.1	42.4	38.0	14.2	26.5	7.0	94.0	94.6	94.3
5	35.1	44.9	37.6	15.9	22.9	16.5	35.4	56.3	46.1	11.5	28.0	7.5	35.0	36.2	35.6	19.7	28.4	24.0	94.2	94.9	94.7
6	36.2	39.8	38.3	20.1	21.8	0.7	35.3	45.1	37.5	20.2	30.5	25.8	35.6	55.7	43.3	11.5	19.9	15.8	92.7	95.4	94.5
7	35.1	36.9	35.6	21.4	31.0	26.4	44.4	59.0	51.5	13.9	20.5	17.2	34.5	42.1	36.1	17.9	22.5	2.0	95.0	95.4	95.3
8	34.2	50.9	39.7	13.3	21.8	16.5	35.2	64.7	37.2	12.5	33.5	24.5	34.0	36.3	35.6	21.0	29.6	26.4	94.7	95.0	94.8
9	34.9	36.4	35.6	20.8	33.1	23.7	35.3	46.7	40.0	15.9	25.6	20.0	35.3	43.9	38.2	13.1	21.6	16.8	93.7	95.1	94.5
10	35.0	36.3	35.6	15.1	21.3	18.1	34.6	52.6	39.2	12.1	28.1	20.2	34.9	44.0	36.1	12.0	25.7	20.6	92.6	93.7	92.9
11	34.5	38.9	35.9	13.4	27.6	14.8	35.0	44.9	36.2	15.1	26.9	22.1	34.8	39.1	35.7	13.8	24.0	20.1	91.6	93.2	92.6
12	35.0	35.0	35.7	21.0	24.9	20.7	35.4	48.8	44.9	13.8	24.2	5.9	34.9	36.0	35.9	21.4	23.2	15.9	93.2	94.3	93.8
13	--	--	--	--	--	--	35.4	37.2	35.8	22.9	27.8	25.8	35.1	44.0	35.9	14.4	23.0	20.0	94.3	94.7	94.5
14	35.4	36.0	35.7	20.6	20.9	1.8	36.3	42.8	37.3	11.8	23.4	3.6	35.2	39.3	35.7	17.5	22.9	5.3	93.0	94.7	93.2
15	35.1	37.0	35.8	19.3	28.5	23.9	35.3	45.1	37.6	18.8	27.7	22.0	35.0	40.5	36.4	16.4	25.9	21.3	93.0	95.0	94.5
16	35.3	42.4	38.9	17.3	21.8	10.7	38.3	56.3	47.3	16.0	22.9	19.3	34.5	42.1	35.9	17.5	27.2	16.8	93.2	95.4	94.4
17	35.1	39.9	35.7	20.5	27.6	21.4	53.5	57.9	55.7	15.8	17.1	2.9	35.2	42.1	36.9	17.2	26.8	21.7	95.4	95.5	95.4
18	35.3	45.9	39.9	15.9	23.7	19.5	35.3	50.1	45.5	18.9	26.4	16.0	41.0	48.2	44.6	14.7	17.5	6.7	92.5	95.5	95.3
19	35.3	46.1	40.1	11.0	24.1	6.2	35.3	47.6	42.4	19.3	25.2	22.3	35.1	39.6	35.7	17.7	26.4	22.7	92.5	95.5	95.1
20	35.1	40.5	36.4	19.0	28.0	23.7	46.1	55.0	51.8	12.9	19.8	8.4	35.2	48.5	39.7	14.3	25.1	19.4	95.0	95.5	95.4
21	39.9	63.9	45.9	11.0	19.2	16.5	--	--	--	--	--	--	44.6	65.1	48.9	10.1	15.4	11.3	95.1	95.5	95.3
22	50.1	51.0	53.7	11.0	14.3	4.1	51.3	59.2	54.2	14.9	15.7	9.9	35.8	40.4	37.5	17.3	17.9	4.7	94.1	95.5	95.0
23	35.1	36.9	35.6	20.2	23.6	12.6	35.3	57.6	41.4	14.6	24.0	20.2	35.1	39.0	36.5	16.5	23.8	20.0	92.7	95.5	94.1
24	35.0	36.0	35.6	18.3	24.1	21.6	37.3	43.1	39.2	17.0	20.6	12.9	34.8	37.7	35.8	15.1	20.5	18.4	92.7	94.5	93.8
25	35.4	40.9	37.2	15.3	18.3	16.7	35.2	36.3	35.7	23.7	28.5	26.1	37.1	52.6	38.5	14.3	15.5	14.9	93.8	94.2	94.0
26	--	--	--	--	--	--	35.2	36.5	35.7	20.5	27.2	24.0	35.1	36.1	35.6	18.0	22.2	4.0	91.6	94.2	93.3
27	34.6	42.6	35.6	13.8	24.1	5.7	35.2	46.7	40.3	13.7	20.7	16.9	34.8	36.7	35.6	14.8	26.0	19.8	92.0	93.5	92.6
28	35.0	39.0	35.6	15.6	21.9	9.9	35.1	46.8	38.1	13.9	24.6	28.7	34.9	37.3	35.6	16.0	18.3	--	92.3	93.7	92.6
29	35.0	36.0	35.6	17.7	28.7	10.7	35.1	40.0	35.6	15.2	25.3	18.7	34.9	36.1	35.6	17.4	26.6	4.4	90.1	92.6	91.6
30	35.0	39.2	35.6	14.2	26.5	21.7	35.0	36.3	35.6	20.8	27.8	24.8	34.9	36.2	35.6	19.1	25.9	22.7	91.4	92.9	92.2
31	35.0	36.2	35.6	19.6	23.9	20.3	34.8	46.4	36.0	13.8	27.0	18.9	35.1	45.1	36.4	14.4	19.3	10.1	92.6	93.1	92.9
Monthly Total						448.4						531.8						461.6			
Monthly Min/Max/Avg	34.2	63.9	37.7	11.0	33.1		34.6	64.7	41.5	11.5	33.5		34.0	65.1	37.4	10.1	29.6		90.1	95.5	94.1

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

January 2026

Filter	4						5						6						Transmittance (%)		
	Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)					
	Day	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max
1	34.6	46.3	35.9	17.1	28.7	21.0	35.1	39.6	35.8	18.8	24.5	22.2	35.1	40.6	36.1	19.2	25.2	22.9	91.6	94.7	94.1
2	37.8	54.4	40.4	13.0	23.2	15.6	39.4	59.1	46.4	11.7	18.8	12.0	35.2	51.6	42.0	14.5	29.8	15.9	94.4	94.7	94.6
3	35.0	46.8	35.9	16.8	27.3	13.7	35.2	39.0	35.9	19.3	25.9	4.7	35.0	36.1	35.6	21.4	27.1	24.6	94.1	94.8	94.4
4	34.9	45.8	38.1	16.4	27.2	21.4	35.1	42.5	36.7	17.6	25.7	22.1	36.0	52.2	42.2	14.3	21.6	12.9	94.0	94.6	94.3
5	36.0	59.5	49.4	13.0	16.9	3.6	41.2	58.7	48.3	12.2	17.9	6.3	35.1	37.0	35.7	23.3	31.3	25.7	94.2	94.9	94.7
6	34.8	44.6	36.7	17.0	29.8	15.5	35.3	44.7	41.4	18.6	27.8	6.4	36.3	58.2	44.7	14.3	23.3	19.0	92.7	95.4	94.5
7	35.6	49.9	42.1	16.3	24.7	20.5	35.3	48.0	39.2	16.2	26.6	20.2	35.4	67.6	44.0	14.3	34.2	21.4	95.0	95.4	95.3
8	33.9	55.7	44.3	13.4	33.6	13.6	34.6	58.7	46.5	12.7	29.2	14.5	35.3	46.7	38.0	16.9	28.0	23.0	94.7	95.0	94.8
9	34.8	44.4	37.7	16.1	30.2	22.5	35.0	39.0	35.9	17.6	29.5	23.0	34.7	52.0	38.3	14.4	34.0	22.0	93.7	95.1	94.5
10	35.0	47.7	38.5	13.0	28.1	12.3	36.1	49.9	42.8	10.7	17.6	10.3	35.1	35.9	35.6	18.3	27.1	21.7	92.6	93.7	92.9
11	34.3	46.0	35.7	10.5	28.7	21.3	34.3	36.0	35.6	18.7	27.5	20.3	35.4	49.4	40.1	12.4	25.8	15.9	91.6	93.2	92.6
12	33.8	37.8	35.8	17.7	24.5	21.9	35.0	58.0	37.0	11.4	21.3	11.9	35.4	40.2	36.3	19.0	25.4	22.5	93.2	94.3	93.8
13	35.0	39.8	37.2	18.9	26.7	11.8	35.1	38.3	35.9	20.1	25.2	16.0	35.2	50.0	42.4	15.3	30.1	16.8	94.3	94.7	94.5
14	35.2	41.5	36.8	12.5	26.7	6.8	35.7	44.6	36.9	11.6	21.0	3.7	35.4	47.1	35.7	16.0	30.4	5.8	93.0	94.7	93.2
15	36.4	47.2	41.7	17.0	20.8	9.1	--	--	--	--	--	--	35.0	37.1	35.7	19.9	27.1	12.7	93.0	95.0	94.5
16	34.9	47.5	36.0	17.7	26.2	21.2	34.8	39.6	36.3	19.5	26.2	4.8	36.5	52.8	42.6	16.2	23.6	19.7	93.2	95.4	94.4
17	35.8	52.6	43.7	16.1	24.4	20.0	35.2	47.5	39.1	17.7	28.0	22.7	35.4	59.1	47.2	11.5	29.6	15.7	95.4	95.5	95.4
18	35.3	56.8	46.1	12.7	26.0	13.3	46.1	59.6	52.8	11.8	18.0	9.8	35.4	42.6	37.7	20.4	30.0	24.9	92.5	95.5	95.3
19	35.4	41.3	38.3	20.9	25.2	22.9	35.1	46.7	37.2	19.0	28.4	11.6	39.5	46.5	48.4	12.1	20.6	11.2	92.5	95.5	95.1
20	39.0	56.0	47.8	10.3	21.8	17.2	35.4	55.9	43.2	15.1	27.6	21.1	38.1	46.6	43.1	19.0	22.8	16.0	95.0	95.5	95.4
21	39.6	51.7	50.2	15.8	22.0	3.1	53.7	66.5	57.0	11.6	15.3	11.3	39.3	59.4	47.1	14.0	22.7	18.6	95.1	95.5	95.3
22	47.3	53.4	49.9	14.6	16.1	15.5	--	--	--	--	--	--	48.9	53.0	53.2	11.3	16.9	10.8	94.1	95.5	95.0
23	48.7	52.2	51.3	13.8	14.9	14.4	35.2	52.6	41.1	14.7	22.3	16.6	34.7	36.0	35.6	21.2	25.8	14.0	92.7	95.5	94.1
24	35.2	36.3	35.7	21.2	25.6	3.2	35.4	44.0	37.9	15.9	20.8	18.9	35.2	38.5	35.8	19.4	25.6	23.1	92.7	94.5	93.8
25	34.2	37.0	35.7	20.1	28.7	25.3	43.4	50.5	46.6	13.5	16.0	14.7	37.3	46.4	40.6	15.8	19.7	17.7	93.8	94.2	94.0
26	35.1	39.3	36.8	16.8	20.8	16.2	35.2	36.1	35.6	22.6	25.8	13.3	--	--	--	--	--	--	91.6	94.2	93.3
27	35.2	41.6	36.0	15.0	22.7	8.4	35.2	40.7	37.2	15.4	23.5	18.5	35.2	36.8	35.6	18.9	21.6	13.0	92.0	93.5	92.6
28	--	--	--	--	--	13.1	35.2	45.0	37.6	13.4	23.3	17.0	34.4	35.8	35.7	18.1	21.3	--	92.3	93.7	92.6
29	34.8	52.8	35.7	19.0	22.5	15.9	35.1	38.2	35.7	16.7	21.3	18.9	35.2	36.0	35.6	21.4	30.5	9.3	90.1	92.6	91.6
30	35.2	39.3	36.7	17.9	22.4	0.9	35.1	45.7	38.6	13.0	20.7	11.1	35.2	36.0	35.6	21.0	28.7	24.9	91.4	92.9	92.2
31	35.1	37.6	36.0	18.8	22.5	20.4	34.4	36.8	35.7	17.6	22.7	19.9	35.4	37.2	35.7	20.6	25.8	21.3	92.6	93.1	92.9
Monthly Total						461.5						423.9						523.0			
Monthly Min/Max/Avg	33.8	59.5	40.1	10.3	33.6		34.3	66.5	40.2	10.7	29.5		34.4	67.6	39.7	11.3	34.2		90.1	95.5	94.1

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

January 2026

Filter	7						8						9						Transmittance (%)		
	Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)					
	Day	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max
1	34.9	35.9	35.6	20.2	24.9	1.1	36.2	45.8	40.1	14.5	19.1	16.8	35.1	40.7	36.5	20.4	26.3	23.6	91.6	94.7	94.1
2	33.3	36.2	35.6	21.1	29.2	25.5	34.4	48.0	36.7	13.7	28.8	16.3	34.0	48.6	39.1	16.6	29.2	19.7	94.4	94.7	94.6
3	35.2	37.2	35.7	18.4	21.3	9.0	35.1	36.0	35.6	21.8	25.5	23.5	35.0	38.4	35.8	21.0	26.4	24.1	94.1	94.8	94.4
4	33.6	36.0	35.6	20.7	32.1	12.6	35.3	36.0	35.8	18.6	25.5	6.2	37.7	49.0	42.3	16.0	21.2	18.8	94.0	94.6	94.3
5	35.1	37.5	35.7	20.6	30.1	24.7	34.6	36.3	35.6	25.0	33.1	27.9	34.9	42.5	36.0	20.2	32.0	23.2	94.2	94.9	94.7
6	36.8	41.6	39.2	17.0	20.9	9.6	35.3	45.2	37.5	16.8	25.3	21.3	35.3	49.5	39.4	18.3	27.6	23.1	92.7	95.4	94.5
7	34.8	37.9	35.7	20.6	33.7	23.4	35.3	50.8	41.5	14.3	33.7	16.3	48.5	61.4	52.4	13.8	18.6	9.5	95.0	95.4	95.3
8	33.3	40.1	36.1	18.5	27.0	23.0	35.0	36.1	35.7	22.6	31.9	28.3	34.5	42.6	36.2	21.4	35.9	3.6	94.7	95.0	94.8
9	34.9	44.1	38.8	14.5	29.0	15.9	34.3	51.4	36.6	11.8	26.0	17.1	34.9	40.4	35.8	20.6	28.5	11.2	93.7	95.1	94.5
10	34.7	36.1	35.6	22.5	26.9	24.6	35.2	36.0	35.6	24.4	29.3	26.9	--	--	--	--	--	--	92.6	93.7	92.9
11	34.1	45.2	35.6	11.9	25.5	18.3	35.2	36.0	35.6	19.4	26.6	18.5	--	--	--	--	--	--	91.6	93.2	92.6
12	33.8	36.1	35.6	21.8	25.8	23.5	35.2	36.1	35.6	20.8	25.7	23.7	34.6	38.8	35.6	21.1	25.7	9.5	93.2	94.3	93.8
13	35.2	49.8	36.6	12.5	29.2	17.8	34.9	36.5	35.7	10.6	23.5	19.4	34.6	37.8	35.8	22.5	28.2	25.3	94.3	94.7	94.5
14	35.3	37.3	35.6	22.0	29.5	5.6	--	--	--	--	--	--	35.1	40.8	37.1	11.6	25.9	3.6	93.0	94.7	93.2
15	34.9	36.1	35.6	19.9	26.7	12.9	35.3	35.9	35.6	20.3	25.8	8.7	35.0	39.5	36.2	23.2	31.5	26.8	93.0	95.0	94.5
16	33.8	45.2	37.3	18.0	23.6	20.9	34.8	36.5	35.7	22.1	25.4	23.8	38.9	48.7	43.8	17.5	23.5	18.6	93.2	95.4	94.4
17	37.8	54.0	45.9	14.8	20.0	12.8	35.3	46.1	40.7	16.4	24.4	19.0	35.1	48.4	37.8	20.8	31.2	18.7	95.4	95.5	95.4
18	34.5	40.4	35.9	19.7	29.0	25.5	35.3	36.1	35.7	23.6	25.2	14.4	35.2	44.8	39.3	21.3	29.7	25.2	92.5	95.5	95.3
19	35.3	70.6	38.6	18.1	23.4	21.3	35.3	36.1	35.7	22.4	26.1	24.5	40.5	55.6	48.8	10.7	21.6	13.3	92.5	95.5	95.1
20	41.4	48.0	44.5	13.4	19.1	4.5	35.1	38.0	36.4	20.0	24.6	11.1	43.5	45.9	44.5	20.6	21.7	2.5	95.0	95.5	95.4
21	34.9	44.2	40.8	18.0	25.5	4.2	35.5	48.0	43.3	15.9	22.8	10.6	42.8	54.1	47.9	16.4	21.4	19.1	95.1	95.5	95.3
22	39.7	45.9	42.3	16.8	18.5	17.7	42.6	47.4	44.6	15.6	17.5	16.5	49.6	57.5	52.3	15.2	17.6	16.3	94.1	95.5	95.0
23	35.0	47.1	41.6	14.7	19.5	16.9	44.3	48.7	46.2	12.9	15.9	7.5	35.3	56.6	50.7	14.8	25.9	20.4	92.7	95.5	94.1
24	36.6	37.8	38.0	17.1	18.0	0.8	35.2	36.4	35.7	19.5	25.1	7.9	34.2	36.4	35.6	23.1	29.3	26.3	92.7	94.5	93.8
25	33.9	36.1	35.6	23.6	29.0	26.3	34.7	36.1	35.6	22.3	28.5	26.2	35.2	41.2	37.1	19.3	24.7	22.1	93.8	94.2	94.0
26	34.4	36.1	35.6	21.5	26.7	24.2	34.6	36.1	35.7	17.7	22.6	20.5	39.1	44.4	40.7	17.0	19.6	8.4	91.6	94.2	93.3
27	34.6	41.4	36.1	13.5	21.9	11.3	35.3	42.2	36.8	14.1	18.2	6.9	35.0	38.6	35.8	19.2	21.1	8.4	92.0	93.5	92.6
28	34.1	36.1	35.6	20.4	25.2	28.5	35.2	36.0	35.6	20.6	29.1	26.6	34.9	38.9	35.8	16.9	23.1	8.4	92.3	93.7	92.6
29	34.7	36.0	35.6	21.0	24.0	15.4	34.7	49.1	35.6	10.1	30.6	15.8	35.2	36.3	35.5	21.2	28.1	16.6	90.1	92.6	91.6
30	34.0	36.2	35.5	20.2	27.3	23.5	35.1	36.0	35.6	22.3	29.4	26.4	35.3	36.4	35.5	21.2	28.5	18.1	91.4	92.9	92.2
31	34.6	38.5	35.6	16.8	25.8	18.1	33.6	35.8	35.6	16.7	25.9	18.3	34.8	52.1	35.6	12.7	25.1	11.6	92.6	93.1	92.9
Monthly Total						519.2						546.8						476.3			
Monthly Min/Max/Avg	33.3	70.6	37.3	11.9	33.7		33.6	51.4	37.3	10.1	33.7		34.0	61.4	39.8	10.7	35.9		90.1	95.5	94.1

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

January 2026

Filter	1						2						3						4						Transmittance (%)		
	Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)			Dosage (mJ/cm ²)			Flow (MLD)					
	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg	Min	Max	Total	Min	Max	Avg
1	--	--	--	--	--	--	62.4	71.7	66.0	68.2	88.9	81.6	59.0	68.9	62.5	76.6	99.3	90.6	45.0	48.3	47.1	74.9	86.3	82.0	94.1	94.4	94.2
2	--	--	--	--	--	--	61.3	71.4	64.5	69.7	89.8	79.8	58.7	63.0	60.6	78.2	99.7	88.4	44.6	48.3	46.5	73.8	85.4	80.1	93.7	94.2	93.9
3	--	--	--	--	--	--	60.0	66.0	62.8	68.0	87.4	78.4	56.9	63.9	59.4	77.4	95.4	87.1	43.4	48.2	45.6	71.6	85.0	78.8	93.6	93.8	93.7
4	--	--	--	--	--	--	59.2	73.9	67.0	68.4	89.5	80.2	57.0	70.5	63.0	76.5	97.2	88.8	43.3	48.3	46.9	71.5	87.5	80.8	93.8	94.2	94.0
5	--	--	--	--	--	--	66.6	80.7	71.5	70.3	88.4	82.4	62.8	71.2	66.9	77.4	97.4	91.3	47.1	48.3	48.1	71.8	87.3	83.0	94.2	94.8	94.5
6	--	--	--	--	--	--	73.5	81.9	76.0	68.6	82.9	77.9	69.6	75.7	71.4	75.5	91.8	86.6	48.0	48.3	48.2	70.6	81.3	78.4	94.6	94.8	94.7
7	--	--	--	--	--	--	49.1	85.9	73.0	63.0	89.9	24.2	65.2	78.0	71.8	70.3	101.0	26.7	48.1	48.3	48.1	64.6	85.5	24.3	94.4	94.8	94.7
8	--	--	--	--	--	--	57.0	71.2	66.7	73.6	89.0	83.9	55.1	68.0	63.5	83.3	97.4	93.1	40.7	48.2	46.3	79.2	86.5	84.4	93.8	94.5	94.3
9	46.6	98.9	54.6	43.4	93.1	72.4	48.3	61.6	53.6	74.7	132.4	83.5	46.9	85.3	60.4	82.0	136.3	92.0	39.9	42.5	40.9	78.2	85.4	12.4	92.5	93.8	93.1
10	46.8	61.7	51.9	70.4	92.6	83.3	48.0	62.5	52.8	67.0	89.8	80.5	46.9	78.7	61.3	75.6	97.3	88.3	--	--	--	--	--	--	92.4	93.0	92.5
11	56.2	70.0	63.4	72.5	87.2	80.9	57.0	71.0	63.9	69.2	84.6	78.1	51.3	63.2	56.5	77.4	91.9	85.7	--	--	--	--	--	--	93.0	94.4	93.6
12	69.5	78.3	72.0	70.1	86.4	80.9	69.3	77.1	71.7	67.9	83.9	78.0	61.1	66.5	63.3	74.0	92.0	85.6	--	--	--	--	--	--	94.1	94.6	94.5
13	72.5	89.1	75.2	63.6	86.5	37.4	72.1	87.5	74.6	55.2	82.4	77.1	63.9	74.1	66.1	64.9	91.9	85.1	44.4	48.3	47.9	22.2	82.3	44.3	94.0	94.6	94.4
14	59.5	104.7	120.0	42.1	55.7	1.8	50.9	79.4	73.1	57.1	88.2	78.6	65.1	79.7	68.2	70.4	96.2	87.2	48.0	48.3	48.2	60.8	85.6	79.1	94.4	94.6	94.5
15	--	--	--	--	--	--	70.4	77.7	72.9	75.6	89.6	84.4	67.0	74.4	69.2	83.9	99.2	93.5	48.0	48.3	48.2	80.8	89.3	85.0	94.6	95.1	94.8
16	--	--	--	--	--	--	72.9	82.4	76.8	74.1	87.8	82.5	69.7	78.3	72.8	81.3	97.3	91.2	48.0	48.3	48.2	77.5	86.2	83.1	94.9	95.1	95.0
17	--	--	--	--	--	--	73.7	81.7	77.2	72.8	86.1	81.1	71.4	78.4	73.3	80.8	94.1	89.7	48.1	48.3	48.2	75.7	84.6	81.6	95.0	95.1	95.1
18	--	--	--	--	--	--	74.8	82.5	77.8	70.3	86.7	81.2	72.0	78.4	73.9	78.8	95.6	89.7	48.1	48.3	48.2	77.9	85.0	81.8	95.0	95.2	95.1
19	--	--	--	--	--	--	74.7	83.1	77.6	73.0	87.3	81.6	71.6	76.8	73.4	79.9	93.9	90.2	48.1	48.3	48.2	75.9	84.5	81.8	95.1	95.2	95.1
20	--	--	--	--	--	--	64.3	77.2	72.5	72.3	96.2	84.2	62.0	73.0	68.9	80.2	105.8	93.0	45.7	48.3	47.9	76.4	94.1	84.8	94.9	95.1	95.1
21	45.7	87.7	51.2	61.4	78.4	49.4	63.9	84.2	76.4	57.1	94.9	72.8	60.4	75.0	69.1	67.7	104.8	85.2	45.1	48.3	47.5	59.9	92.9	73.6	94.4	95.1	94.6
22	79.1	89.5	82.9	63.9	76.2	71.2	73.4	82.4	76.6	56.8	70.3	65.3	66.0	72.5	68.5	70.6	83.0	79.0	48.1	48.4	48.2	62.9	67.9	66.4	94.1	94.4	94.2
23	62.4	85.0	75.7	60.0	94.3	75.9	71.4	190.0	74.4	56.4	69.3	45.9	55.5	68.1	63.5	68.5	93.9	81.5	41.2	48.3	46.7	57.7	84.0	70.2	93.1	94.1	93.7
24	62.7	72.2	67.2	74.8	96.0	88.6	--	--	--	--	--	--	55.9	67.5	60.1	75.2	95.9	89.3	41.7	48.1	44.3	75.3	85.2	80.8	93.7	94.1	93.9
25	65.4	75.5	69.5	79.6	98.5	89.8	--	--	--	--	--	--	58.0	64.8	61.5	79.5	97.0	90.5	43.1	48.2	45.4	76.3	85.3	81.9	94.1	94.2	94.1
26	65.3	79.0	71.3	61.6	101.3	72.6	60.8	195.7	67.9	58.2	72.1	61.0	54.6	64.6	59.4	70.2	100.5	79.8	41.7	48.3	47.4	54.1	87.1	65.5	93.1	94.1	93.5
27	65.7	75.3	70.4	58.4	76.9	68.9	60.8	72.4	64.9	52.5	71.8	63.2	54.9	64.5	57.9	63.2	83.8	75.8	44.2	48.2	47.2	51.7	68.3	59.8	92.7	93.1	92.9
28	57.2	70.2	63.2	59.7	79.6	70.8	52.5	69.2	57.9	55.6	72.2	64.9	46.5	60.9	51.9	67.0	85.5	77.7	42.4	48.3	46.4	51.0	63.6	57.5	92.1	92.7	92.4
29	58.6	73.2	65.3	60.3	79.1	72.5	53.8	68.8	59.9	55.5	72.1	66.4	49.2	60.0	53.7	65.8	85.9	79.3	45.0	48.3	47.7	46.8	58.0	54.6	92.1	92.8	92.5
30	62.7	72.4	66.4	59.9	77.1	71.9	58.1	71.2	61.2	54.5	70.8	65.8	52.5	62.9	55.1	65.6	83.7	78.3	47.9	48.3	48.1	50.6	56.4	54.1	92.7	92.8	92.8
31	62.8	74.2	68.1	60.6	78.5	68.9	57.6	67.2	62.2	55.6	72.7	63.1	52.4	62.0	56.2	65.8	84.7	75.1	47.9	48.3	48.1	47.7	57.8	51.9	92.6	92.9	92.7
Monthly Total						1,157.2						2,127.4						2,615.2						1,942.1			
Monthly Min/Max/Avg	45.7	104.7	69.9	42.1	101.3		48.0	195.7	68.7	52.5	132.4		46.5	85.3	64.0	63.2	136.3		39.9	48.4	47.1	22.2	94.1		92.1	95.2	94.0

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

1.2.16 Log Removal

January 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	7.6	8.0	7.8	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	5.9	7.7	6.6	6.5	6.5	6.5
2	7.7	8.0	7.9	13	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.2	7.1	6.6	6.5	6.5	6.5
3	7.7	8.0	7.9	13	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.2	7.3	6.8	6.5	6.5	6.5
4	7.7	8.1	7.8	12	13	13	6.5	6.5	6.5	6.7	6.7	6.7	6.6	8.1	7.3	6.5	6.5	6.5
5	7.5	7.9	7.7	13	13	13	6.5	6.5	6.5	6.7	6.7	6.7	7.0	8.4	7.6	6.5	6.5	6.5
6	7.7	8.2	8.0	12	13	12	6.5	6.5	6.5	6.7	6.7	6.7	6.5	7.8	7.1	6.5	6.5	6.5
7	7.8	8.5	8.1	12	13	12	6.5	6.5	6.5	6.7	6.7	6.7	6.5	9.9	7.8	6.5	6.5	6.5
8	7.5	8.0	7.7	11	12	12	6.5	6.5	6.5	6.3	6.7	6.7	6.2	8.1	7.1	6.1	6.5	6.5
9	7.5	7.9	7.7	11	14	13	6.5	6.5	6.5	6.6	6.7	6.7	6.0	7.2	6.7	6.5	6.5	6.5
10	7.6	7.9	7.7	12	14	13	6.5	6.5	6.5	6.6	6.7	6.7	6.1	7.7	6.8	6.5	6.5	6.5
11	7.6	8.0	7.8	13	13	13	6.5	6.5	6.5	6.7	6.7	6.7	6.8	8.2	7.4	6.5	6.5	6.5
12	7.6	7.7	7.6	13	14	14	6.5	6.5	6.5	6.7	6.7	6.7	6.9	8.2	7.5	6.5	6.5	6.5
13	7.6	7.6	7.6	13	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.6	7.7	7.2	6.5	6.5	6.5
14	7.6	8.4	7.8	13	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.6	7.8	7.1	6.5	6.5	6.5
15	7.6	8.4	7.9	13	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.2	7.7	6.7	6.5	6.5	6.5
16	7.6	7.9	7.7	13	14	13	6.5	6.5	6.5	6.6	6.7	6.7	6.2	7.4	6.8	6.5	6.5	6.5
17	7.6	8.1	7.6	13	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.4	7.4	6.9	6.5	6.5	6.5
18	7.6	8.2	8.0	13	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.7	8.1	7.3	6.5	6.5	6.5
19	7.6	7.9	7.7	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	6.6	8.0	7.1	6.5	6.5	6.5
20	7.6	8.9	8.1	12	15	13	6.5	6.5	6.5	6.7	6.7	6.7	6.7	7.6	7.2	6.5	6.5	6.5
21	8.0	8.4	8.2	15	18	17	6.5	6.5	6.5	6.7	6.7	6.7	6.4	7.8	7.1	6.5	6.5	6.5
22	8.2	8.4	8.2	16	18	17	6.5	6.5	6.5	6.7	6.7	6.7	6.6	7.7	7.1	6.5	6.5	6.5
23	7.3	8.3	7.8	14	16	15	6.5	6.5	6.5	6.7	6.7	6.7	6.5	7.6	7.1	6.5	6.5	6.5
24	7.3	7.9	7.7	12	15	14	6.5	6.5	6.5	6.7	6.7	6.7	6.6	8.1	7.2	6.5	6.5	6.5
25	7.6	8.2	7.8	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	7.1	8.1	7.5	6.5	6.5	6.5
26	7.9	8.3	8.1	12	14	13	6.5	6.5	6.5	6.7	6.7	6.7	7.0	8.1	7.6	6.5	6.5	6.5
27	8.0	8.2	8.1	14	17	15	6.5	6.5	6.5	6.7	6.8	6.7	7.1	8.8	7.8	6.5	6.5	6.5
28	8.0	8.3	8.1	14	16	15	6.5	6.5	6.5	6.7	6.7	6.7	7.2	8.3	7.9	6.5	6.5	6.5
29	7.3	9.0	8.0	12	14	14	6.5	6.5	6.5	6.7	6.7	6.7	7.0	8.3	7.5	6.5	6.5	6.5
30	7.3	7.7	7.4	13	15	13	6.5	6.5	6.5	6.7	6.7	6.7	7.4	8.6	8.0	6.5	6.5	6.5
31	7.3	7.4	7.4	14	15	14	6.5	6.5	6.5	6.7	6.7	6.7	7.3	8.3	7.8	6.5	6.5	6.5
Monthly Min/Max/Avg	7.3	9.0	7.8	11	18	14	6.5	6.5	6.5	6.3	6.8	6.7	5.9	9.9	7.2	6.1	6.5	6.5

NOTES: ' -- ' indicates plant offline

1.2.17 Liquid Alum Chemical Consumption

January 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	--	5.99	5.14	--	1,927	1,927	2,898
2	--	6.00	5.15	--	1,978	1,978	2,818
3	--	6.16	5.15	--	1,948	1,948	2,800
4	--	6.94	5.15	--	2,109	2,109	2,843
5	--	6.00	5.14	--	2,039	2,039	2,920
6	--	5.99	5.67	--	1,755	1,755	3,037
7	--	6.00	6.48	--	2,033	2,033	1,256
8	--	6.00	5.43	--	2,205	2,205	3,141
9	--	6.01	5.26	--	2,211	2,211	3,042
10	--	6.44	6.15	--	2,128	2,128	3,427
11	--	6.75	6.15	--	2,233	2,233	3,310
12	--	6.00	5.43	--	1,979	1,979	2,918
13	--	6.00	5.15	--	1,979	1,979	2,769
14	--	5.98	5.15	--	579	579	2,812
15	--	5.99	5.14	--	1,748	1,748	2,978
16	--	5.98	5.14	--	1,974	1,974	2,910
17	--	6.02	5.15	--	1,986	1,986	2,873
18	--	5.99	5.15	--	1,974	1,974	2,871
19	--	6.00	5.14	--	1,980	1,980	2,876
20	--	6.00	5.14	--	1,587	1,587	2,981
21	--	6.02	5.13	--	1,242	1,242	3,185
22	--	5.99	5.13	--	1,236	1,236	3,185
23	5.98	6.00	5.14	186	1,525	1,711	3,082
24	5.93	6.01	5.75	731	1,005	1,736	3,332
25	5.97	6.01	6.14	840	846	1,686	3,573
26	6.26	--	6.13	1,485	--	1,485	3,792
27	6.99	--	6.72	1,657	--	1,657	4,010
28	6.97	--	7.13	1,508	--	1,508	4,316
29	7.05	7.79	6.84	1,599	492	2,091	4,195
30	7.20	7.21	6.21	927	1,748	2,675	3,724
31	8.00	8.00	6.15	879	1,867	2,745	3,510
Monthly Total				9,812	48,313	58,125	97,384
Monthly Avg	6.70	6.26	5.61	1,090	1,725	2,076	3,141

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

January 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	0.00	0.10	--	0	16	16	--
2	0.00	0.10	--	0	16	16	--
3	0.00	0.10	--	0	15	15	--
4	0.00	0.10	--	0	15	15	--
5	0.00	0.10	--	0	16	16	--
6	0.00	0.10	--	0	14	14	--
7	0.00	0.10	--	0	16	16	--
8	0.00	0.10	--	0	18	18	--
9	0.00	0.10	--	0	18	18	--
10	0.00	0.10	--	0	16	16	--
11	0.00	0.10	--	0	16	16	--
12	0.00	0.10	--	0	16	16	--
13	0.00	0.10	--	0	16	16	--
14	0.00	0.10	--	0	5	5	--
15	0.00	0.10	--	0	14	14	--
16	0.00	0.10	--	0	16	16	--
17	0.00	0.10	--	0	16	16	--
18	0.00	0.10	--	0	16	16	--
19	0.00	0.10	--	0	16	16	--
20	0.00	0.10	--	0	13	13	--
21	0.00	0.10	--	0	10	10	--
22	0.00	0.10	--	0	10	10	--
23	0.19	0.10	--	3	12	15	--
24	0.12	0.10	--	7	8	15	--
25	0.11	0.10	--	7	7	14	--
26	0.10	--	--	12	0	12	--
27	0.10	--	--	12	0	12	--
28	0.10	--	--	10	0	10	--
29	0.10	0.10	--	11	3	14	--
30	0.10	0.10	--	6	12	18	--
31	0.10	0.10	--	5	11	17	--
Monthly Total				73	378	451	--
Monthly Avg	0.04	0.10	--	2	12	15	--

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

January 2026

Day	Dosage (mg/L)			Consumption (kg)			
	Rossdale		E.L. Smith	Rossdale			E.L. Smith
	Plant 1	Plant 2		Plant 1	Plant 2	Plant Total	
1	--	--	--	--	--	--	--
2	--	--	--	--	--	--	--
3	--	--	--	--	--	--	--
4	--	--	--	--	--	--	--
5	--	--	--	--	--	--	--
6	--	--	--	--	--	--	--
7	--	--	--	--	--	--	--
8	--	--	--	--	--	--	--
9	--	--	--	--	--	--	--
10	--	--	--	--	--	--	--
11	--	--	--	--	--	--	--
12	--	--	--	--	--	--	--
13	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--
18	--	--	--	--	--	--	--
19	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--
21	--	--	--	--	--	--	--
22	--	--	--	--	--	--	--
23	--	--	--	--	--	--	--
24	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--
Monthly Total				--	--	--	--
Monthly Avg	--	--	--	--	--	--	--

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

January 2026

Day	Rosssdale					E.L. Smith	
	Dosage (mg/L)		Consumption (kg)			Dosage (mg/L)	Consumption (kg)
	Plant 1	Plant 2	Plant 1	Plant 2	Plant Total		
	1	--	2.39	--	46,585	49,405	3.21
2	--	2.44	--	48,804	51,679	3.12	109,124
3	--	2.54	--	48,751	51,463	3.19	110,701
4	--	2.56	--	47,140	50,415	3.15	111,154
5	--	2.57	--	52,873	55,161	3.06	110,871
6	--	2.53	--	44,968	47,823	3.09	105,569
7	--	2.50	--	51,367	55,897	3.03	37,480
8	--	2.60	--	57,922	63,190	3.18	117,146
9	--	2.68	--	59,833	64,200	3.30	121,693
10	--	2.75	--	55,059	58,930	3.42	121,743
11	--	2.71	--	54,294	57,209	3.36	115,267
12	--	2.70	--	53,999	56,956	3.28	112,359
13	--	2.63	--	52,573	55,999	3.23	110,956
14	--	2.55	--	14,985	15,950	3.19	111,068
15	--	2.65	--	46,787	49,669	3.24	119,630
16	--	2.75	--	55,059	57,753	3.26	117,748
17	--	2.73	--	54,541	57,683	3.10	110,541
18	--	2.71	--	54,209	57,715	3.11	110,742
19	--	2.75	--	54,999	58,450	3.09	110,131
20	--	2.73	--	43,785	46,370	3.09	114,465
21	--	2.76	--	34,547	36,527	3.09	122,494
22	--	2.75	--	34,337	36,723	3.16	124,961
23	0.00	2.78	--	42,743	45,435	3.13	119,723
24	2.47	2.48	18,469	25,184	45,265	3.12	115,259
25	2.18	2.19	18,592	18,640	39,165	3.12	115,940
26	2.39	--	34,373	--	37,531	3.12	122,897
27	2.30	--	33,095	--	36,046	3.20	121,853
28	2.20	--	28,852	--	30,949	3.32	128,077
29	2.30	1.87	31,661	7,169	42,954	3.37	131,901
30	2.34	2.40	18,248	35,303	57,968	3.28	125,691
31	2.39	2.60	15,902	36,803	55,457	3.33	121,370
Monthly Total			199,192	1,233,260	1,525,936		3,543,917
Monthly Avg	2.06	2.58	24,899	44,045	54,498	3.19	114,320

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
January 2026

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	0.34	0.40	51	109
2	0.34	0.40	52	106
3	0.34	0.40	50	105
4	0.34	0.40	48	107
5	0.34	0.40	54	110
6	0.34	0.40	46	104
7	0.34	0.38	53	36
8	0.34	0.46	59	129
9	0.34	0.50	58	140
10	0.34	0.57	52	154
11	0.34	0.54	51	140
12	0.34	0.43	53	112
13	0.33	0.40	51	104
14	0.32	0.40	12	106
15	0.34	0.40	47	112
16	0.34	0.39	53	107
17	0.31	0.35	48	95
18	0.29	0.35	45	95
19	0.29	0.38	45	103
20	0.29	0.40	36	112
21	0.29	0.42	27	127
22	0.29	0.45	28	135
23	0.29	0.44	34	127
24	0.29	0.49	38	136
25	0.29	0.55	38	154
26	0.29	0.60	32	180
27	0.29	0.67	32	194
28	0.29	0.76	38	224
29	0.29	0.80	36	238
30	0.29	0.75	51	218
31	0.31	0.65	49	179
Monthly Total			1,366	4,099
Monthly Avg	0.32	0.48	44	132

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 LAS Ammonia Chemical Consumption
January 2026

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	0.57	0.57	873	1,483
2	0.57	0.57	892	1,450
3	0.57	0.57	863	1,425
4	0.57	0.57	826	1,459
5	0.57	0.57	928	1,496
6	0.57	0.57	799	1,418
7	0.57	0.57	913	439
8	0.57	0.57	1,009	1,524
9	0.57	0.57	1,001	1,521
10	0.57	0.57	900	1,472
11	0.57	0.57	880	1,427
12	0.57	0.57	904	1,426
13	0.57	0.57	889	1,423
14	0.57	0.57	209	1,439
15	0.57	0.57	800	1,534
16	0.57	0.57	907	1,497
17	0.57	0.57	902	1,474
18	0.57	0.57	903	1,474
19	0.57	0.57	909	1,480
20	0.57	0.57	721	1,529
21	0.57	0.57	551	1,639
22	0.57	0.57	555	1,645
23	0.57	0.57	686	1,595
24	0.57	0.57	775	1,509
25	0.57	0.57	756	1,530
26	0.57	0.57	644	1,628
27	0.57	0.57	634	1,562
28	0.57	0.57	564	1,582
29	0.57	0.57	732	1,591
30	0.57	0.57	1,021	1,577
31	0.58	0.57	942	1,513
Monthly Total			24,887	45,761
Monthly Avg	0.57	0.57	803	1,476

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
January 2026

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	--	--	--	--
2	--	--	--	--
3	--	--	--	--
4	--	--	--	--
5	--	--	--	--
6	--	--	--	--
7	--	--	--	--
8	--	--	--	--
9	--	--	--	--
10	--	--	--	--
11	--	--	--	--
12	--	--	--	--
13	--	--	--	--
14	--	--	--	--
15	--	--	--	--
16	--	--	--	--
17	--	--	--	--
18	--	--	--	--
19	--	--	--	--
20	--	--	--	--
21	--	--	--	--
22	--	--	--	--
23	--	--	--	--
24	--	--	--	--
25	--	--	--	--
26	--	--	--	--
27	--	--	--	--
28	--	--	--	--
29	--	--	--	--
30	--	--	--	--
31	--	--	--	--
Monthly Total			--	--
Monthly Avg	--	--	--	--

NOTES: ' -- ' indicates system offline

- Caustic soda consumption (kg) at 100% by weight (solution delivered to sites at a concentration of 50.0%)

- NSF limit for Caustic Soda is **50 mg/L**

**1.2.24 Fluoride Chemical Consumption
January 2026**

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	0.64	0.65	440	759
2	0.64	0.65	450	742
3	0.65	0.65	442	729
4	0.65	0.65	423	746
5	0.65	0.65	476	766
6	0.65	0.65	410	725
7	0.65	0.65	468	224
8	0.65	0.65	517	780
9	0.65	0.65	513	778
10	0.65	0.65	461	753
11	0.65	0.65	451	731
12	0.65	0.65	463	730
13	0.65	0.65	455	729
14	0.64	0.65	107	737
15	0.65	0.65	410	785
16	0.65	0.65	465	767
17	0.65	0.65	462	754
18	0.65	0.65	463	754
19	0.65	0.65	465	757
20	0.65	0.65	369	782
21	0.65	0.65	283	839
22	0.65	0.65	284	842
23	0.64	0.65	346	816
24	0.64	0.65	391	772
25	0.64	0.65	381	783
26	0.64	0.65	325	833
27	0.64	0.64	320	787
28	0.64	0.63	285	784
29	0.64	0.63	369	789
30	0.64	0.63	511	781
31	0.64	0.63	465	750
Monthly Total			12,670	23,303
Monthly Avg	0.65	0.65	409	752

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

January 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	18.4	16.9	520	1,278	11	28
2	21.1	18.1	911	1,244	17	26
3	19.4	14.8	521	1,201	10	31
4	19.6	15.9	521	1,232	10	28
5	19.2	16.3	710	1,306	14	30
6	16.4	15.3	331	1,254	7.8	31
7	19.7	15.9	700	1,694	14	41
8	20.1	10.3	723	1,021	14	28
9	22.3	15.2	684	1,300	12	32
10	19.3	16.7	698	1,349	14	33
11	23.0	14.8	1,028	1,035	17	27
12	26.1	15.1	748	1,051	11	27
13	21.4	15.5	830	1,111	15	28
14	24.8	13.0	1,232	991	19	29
15	13.8	13.4	346	953	9.6	27
16	27.8	13.5	753	997	10	28
17	22.7	14.2	652	1,075	11	29
18	19.8	14.7	522	1,102	10	28
19	20.5	20.4	521	1,508	9.8	28
20	18.0	17.9	509	1,394	11	31
21	25.5	19.6	626	1,582	9.5	31
22	15.8	18.3	392	1,560	9.5	32
23	7.81	17.6	521	1,317	25	29
24	17.2	14.7	521	1,364	12	35
25	22.0	15.3	781	1,381	14	34
26	23.9	16.5	521	1,640	8.4	39
27	19.8	15.1	522	1,523	10	38
28	27.6	14.7	1,307	1,632	18	42
29	15.0	14.9	910	1,674	23	45
30	22.7	15.1	651	1,468	11	37
31	23.3	15.0	1,044	1,376	17	35
Monthly Total			21,257	40,615	404	988
Monthly Avg	20.5	15.6	686	1,310	13	32

NOTES: ' -- ' indicates plant offline

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

1.2.26 Rossdale Waste Stream Data

January 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)		202	0.0	145	49	8.4	404	60.14			344.08		
Solids (kg)	TSS	28,281	0	18,626			46,907						
	Aluminium	2,536	0	6,447			8,983						
# of Bypasses						2		Min	Max	Avg	Min	Max	Avg
pH								6.4	8.0	7.7	7.5	8.6	8.2
Total Chlorine (mg/L)								0.00	0.00	0.00	0.00	0.00	0.00
Sulfite (mg/L)								0.35	20.0	8.06	0.53	20.0	7.28

- 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
January 2026

		Clarifier Blowdown	Clarifier Washdown *	Backwash Water	Filter To Waste	Bypass	LLP Flush	HLP Cooling	Total	De-chlorinated Waste flow to		
Volume (ML)		214	0.0	350	180	31	0.8	35	812	988		
Solids (kg)	TSS	55,321	0	37,977					93,298			
	Aluminium	4,250	0	13,146					17,396			
# of Bypasses						3				Min	Max	Avg
pH										7.19	8.12	7.45
Total Chlorine (mg/L)										0.00	0.00	0.00
Sulphite (mg/L)										0.14	20.0	4.33

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
January 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

2026 - HIGH 5-DAY DEMAND

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

AVERAGE: 381

Year to Date Data	2026	2025	% CHANGE
TOTAL PRODUCTION TO DATE (ML)	11,684	11,404	2.5
AVG. DAILY DEMAND TO DATE (ML)	374	367	2.0
PEAK DAILY DEMAND TO DATE (ML)	384	390	(1.4)
PEAK HOURLY DEMAND TO DATE (ML)	516	519	(0.6)
HIGH 5-DAY AVERAGE TO DATE (ML)	381	378	0.8

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

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

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

January 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	1.60	1.82	1.70	1.66	1.85	1.81	1.40	1.61	1.42	1.56	1.65	1.63	1.68	1.73	1.71	0.97	1.02	1.00
2	1.68	1.78	1.69	1.76	1.85	1.80	1.39	1.60	1.45	1.59	1.67	1.63	1.66	1.73	1.71	0.96	1.02	0.99
3	1.54	1.74	1.65	1.64	1.85	1.79	1.40	1.61	1.44	1.59	1.66	1.63	1.63	1.78	1.72	0.99	1.05	1.02
4	1.62	1.73	1.64	1.71	1.83	1.79	1.42	1.45	1.44	1.60	1.67	1.63	1.67	1.78	1.73	0.99	1.05	1.02
5	1.64	1.75	1.67	1.73	1.84	1.79	1.39	1.54	1.41	1.59	1.67	1.64	1.68	1.79	1.74	0.98	1.13	1.05
6	--	--	--	1.66	1.85	1.80	1.35	1.45	1.41	--	--	--	1.62	1.79	1.73	1.08	1.18	1.12
7	1.58	1.70	1.59	1.76	1.86	1.80	1.34	1.46	1.41	1.62	1.73	1.68	1.69	1.75	1.72	1.09	1.19	1.15
8	1.57	1.78	1.59	1.74	1.83	1.80	1.39	1.44	1.40	1.66	1.75	1.69	1.70	1.92	1.77	1.10	1.18	1.14
9	1.64	1.83	1.66	1.72	1.88	1.81	1.23	1.57	1.36	1.63	1.73	1.69	1.73	1.82	1.77	1.07	1.41	1.24
10	1.64	1.78	1.65	1.73	1.87	1.84	1.33	1.45	1.39	1.65	1.74	1.68	1.69	1.81	1.76	1.35	1.44	1.40
11	1.55	1.77	1.65	1.78	1.86	1.83	1.34	1.57	1.41	1.66	1.74	1.68	1.69	1.82	1.77	1.35	1.41	1.38
12	1.58	1.78	1.63	1.79	1.84	1.81	1.39	1.48	1.42	1.64	1.71	1.67	1.70	1.81	1.76	1.31	1.40	1.36
13	1.58	1.73	1.60	1.61	1.85	1.82	1.39	1.52	1.45	1.61	1.70	1.66	1.67	1.78	1.74	1.28	1.45	1.37
14	1.53	1.79	1.58	1.74	1.86	1.81	1.33	1.54	1.43	1.59	1.71	1.63	1.70	1.85	1.74	1.40	1.48	1.44
15	1.60	1.73	1.62	1.71	1.81	1.78	1.32	1.44	1.39	1.63	1.70	1.67	1.66	1.75	1.72	1.40	1.47	1.43
16	1.60	1.61	1.60	1.74	1.83	1.80	1.35	1.57	1.40	1.65	1.70	1.67	1.67	1.75	1.70	1.38	1.50	1.43
17	1.59	1.80	1.61	1.78	1.85	1.82	1.36	1.68	1.47	1.64	1.71	1.68	1.61	1.76	1.69	1.45	1.52	1.48
18	1.55	1.72	1.58	1.70	1.89	1.83	1.45	1.56	1.51	1.61	1.70	1.66	1.61	1.72	1.67	1.41	1.49	1.45
19	1.48	1.72	1.56	1.76	1.86	1.82	1.44	1.57	1.52	1.57	1.69	1.65	1.63	1.74	1.67	1.37	1.44	1.41
20	1.56	1.76	1.64	1.73	1.89	1.82	1.44	1.57	1.51	1.61	1.69	1.66	1.52	1.74	1.67	1.35	1.44	1.39
21	1.48	1.55	1.51	1.78	1.85	1.83	1.40	1.61	1.48	1.61	1.71	1.66	1.58	1.69	1.66	1.37	1.42	1.39
22	--	--	--	1.75	1.85	1.83	1.41	1.55	1.46	1.64	1.71	1.66	1.63	1.67	1.65	1.33	1.42	1.37
23	--	--	--	1.76	1.86	1.83	1.39	1.52	1.44	1.64	1.71	1.67	1.57	1.68	1.65	1.31	1.39	1.36
24	1.44	1.68	1.47	1.73	1.90	1.84	1.40	1.62	1.44	1.61	1.70	1.66	1.59	1.71	1.66	1.32	1.39	1.35
25	1.44	1.65	1.47	1.72	1.91	1.84	1.32	1.56	1.44	1.63	1.69	1.66	1.61	1.71	1.66	1.30	1.36	1.33
26	1.40	1.65	1.43	1.79	1.89	1.84	1.38	1.48	1.43	1.59	1.69	1.66	1.62	1.68	1.66	1.27	1.34	1.30
27	1.42	1.71	1.44	1.77	1.87	1.84	1.33	1.52	1.40	1.63	1.69	1.66	1.57	1.70	1.66	1.23	1.31	1.28
28	1.44	1.62	1.47	1.60	1.87	1.83	1.36	1.46	1.39	1.56	1.68	1.64	1.61	1.67	1.65	1.23	1.32	1.29
29	1.39	1.68	1.44	1.77	1.86	1.81	1.33	1.41	1.37	1.60	1.69	1.65	1.55	1.70	1.64	1.25	1.31	1.28
30	1.44	1.58	1.46	1.72	2.01	1.84	1.30	1.48	1.36	1.61	1.68	1.64	1.57	1.69	1.65	1.23	1.31	1.27
31	1.42	1.64	1.45	1.84	1.94	1.88	1.29	1.46	1.40	1.57	1.65	1.61	1.57	1.68	1.65	1.26	1.33	1.29
Monthly Min/Max/Avg	1.39	1.83	1.57	1.60	2.01	1.82	1.23	1.68	1.43	1.56	1.75	1.66	1.52	1.92	1.70	0.96	1.52	1.28

NOTES: '--' Indication Analyzer Offline

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

January 2026

Reservoir	Rosslyn 1			Londonderry			N. Jasper Place			Rosslyn 2			Thornccliffe			Blackmud Creek		
Day	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	1.47	1.54	1.52	1.53	1.68	1.61	1.62	1.87	1.66	1.48	1.74	1.52	1.69	1.85	1.70	1.18	1.21	1.20
2				1.34	1.70	1.60	1.59	1.85	1.67	1.49	1.69	1.55	1.66	1.84	1.71	1.18	1.22	1.20
3				1.51	1.67	1.59	1.61	1.88	1.65	1.46	1.76	1.54	1.68	1.89	1.70	1.18	1.22	1.20
4				1.45	1.65	1.58	1.54	1.87	1.64	1.50	1.78	1.54	1.51	1.88	1.69	1.19	1.23	1.21
5	1.47	1.59	1.56	1.51	1.66	1.57	1.59	1.88	1.64	1.52	1.80	1.53	1.66	1.91	1.68	1.19	1.23	1.21
6	1.44	1.59	1.55	1.41	1.75	1.59	1.62	1.82	1.67	1.46	1.79	1.52	--	--	--	1.21	1.23	1.22
7	1.50	1.57	1.53	1.47	1.61	1.54	1.53	1.86	1.60	1.47	1.74	1.51	1.57	1.89	1.64	1.20	1.24	1.22
8	1.52	1.52	1.52	1.38	1.70	1.55	1.52	1.83	1.58	1.42	1.79	1.49	1.58	1.86	1.66	1.20	1.23	1.22
9	--	--	--	1.49	1.63	1.57	1.52	1.81	1.59	1.47	1.82	1.49	1.65	1.86	1.68	1.19	1.67	1.43
10	1.56	1.58	1.57	1.46	1.62	1.57	1.55	1.92	1.62	1.48	1.51	1.50	1.57	1.90	1.73	1.63	1.69	1.66
11	--	--	--	1.48	1.66	1.56	1.60	1.91	1.63	1.47	1.50	1.50	1.66	1.94	1.71	1.65	1.72	1.69
12	--	--	--	1.48	1.66	1.55	1.61	1.84	1.62	1.40	1.77	1.49	1.68	1.88	1.73	1.68	1.73	1.70
13	1.56	1.56	1.56	1.35	1.61	1.52	1.57	1.88	1.60	1.44	1.81	1.49	1.67	1.87	1.69	1.66	1.71	1.69
14	1.44	1.58	1.54	1.34	1.59	1.48	1.51	1.87	1.59	1.35	1.56	1.46	1.58	1.89	1.68	1.65	1.69	1.67
15	--	--	--	1.41	1.53	1.47	1.49	1.84	1.56	1.46	1.47	1.47	1.63	1.89	1.65	1.65	1.68	1.66
16	--	--	--	1.32	1.77	1.54	1.45	1.85	1.58	1.43	1.67	1.46	1.68	1.89	1.69	1.63	1.67	1.65
17	1.56	1.66	1.61	1.30	1.81	1.54	1.55	1.89	1.62	1.47	1.86	1.49	1.60	1.88	1.70	1.63	1.67	1.65
18	--	--	--	1.33	1.88	1.70	1.54	1.89	1.63	1.45	1.78	1.49	1.66	1.88	1.68	1.63	1.68	1.65
19	1.53	1.61	1.58	1.39	1.86	1.63	1.51	1.87	1.62	1.40	1.81	1.49	--	--	--	1.63	1.66	1.65
20	1.48	1.61	1.56	1.36	1.75	1.56	1.50	1.89	1.61	1.43	1.78	1.47	1.62	1.90	1.69	1.63	1.67	1.65
21	--	--	--	1.35	1.62	1.51	1.50	1.89	1.60	1.38	1.75	1.47	--	--	--	1.64	1.67	1.65
22	1.51	1.56	1.54	1.36	1.72	1.51	1.51	1.88	1.60	1.37	1.47	1.45	1.62	1.90	1.64	1.62	1.68	1.65
23	--	--	--	1.36	1.65	1.50	1.57	1.87	1.59	1.35	1.47	1.45	1.59	1.89	1.63	1.62	1.66	1.64
24	--	--	--	1.37	1.63	1.51	1.49	1.88	1.58	1.42	1.74	1.46	1.61	1.87	1.61	1.61	1.66	1.64
25				1.30	1.65	1.52	1.43	1.89	1.57	1.45	1.64	1.46	1.55	1.88	1.63	1.62	1.67	1.64
26				1.40	1.72	1.50	1.45	1.88	1.55	1.35	1.49	1.45	1.54	1.89	1.63	1.62	1.67	1.65
27	1.42	1.51	1.50	1.36	1.68	1.50	1.41	1.87	1.54	1.32	1.45	1.43	1.53	1.87	1.60	1.62	1.86	1.77
28	1.42	1.52	1.49	1.30	1.63	1.49	1.44	1.86	1.55	1.41	1.65	1.44	1.59	1.89	1.62	1.82	1.86	1.83
29	1.37	1.50	1.46	1.27	1.72	1.49	1.40	1.89	1.53	1.39	1.66	1.40	1.59	1.91	1.62	1.83	1.88	1.85
30				1.25	1.63	1.47	1.53	1.88	1.57	1.41	1.61	1.42	1.64	1.86	1.69	1.84	1.90	1.88
31				1.26	1.61	1.45	1.47	1.88	1.59	1.41	1.76	1.45	1.57	1.93	1.70	1.86	1.93	1.89
Monthly Min/Max/Avg	1.37	1.66	1.54	1.25	1.88	1.54	1.40	1.92	1.60	1.32	1.86	1.48	1.51	1.94	1.67	1.18	1.93	1.56

NOTES: '--' Indication Analyzer Offline

1.2.31 Orthophosphate Chemical
January 2026

Day	Dosage (mg/L)		Consumption (kg)	
	Rossdale	E.L. Smith	Rossdale	E.L. Smith
1	0.90	0.85	549	906
2	0.90	0.85	559	870
3	0.90	0.85	464	856
4	0.90	0.85	582	868
5	0.90	0.85	528	905
6	0.90	0.85	546	867
7	0.90	0.84	615	186
8	0.90	0.85	585	917
9	0.90	0.85	605	891
10	0.90	0.85	558	889
11	0.90	0.85	568	850
12	0.90	0.85	575	831
13	0.90	0.85	549	864
14	0.90	0.85	121	905
15	0.90	0.85	451	864
16	0.90	0.85	548	915
17	0.90	0.85	602	887
18	0.90	0.85	577	918
19	0.90	0.85	554	889
20	0.90	0.85	464	897
21	0.90	0.85	339	992
22	0.90	0.85	343	1,003
23	0.90	0.85	443	981
24	0.90	0.85	471	887
25	0.90	0.85	480	914
26	0.90	0.85	406	928
27	0.90	0.85	354	982
28	0.89	0.85	418	924
29	0.90	0.85	403	862
30	0.90	0.85	612	954
31	0.90	0.85	560	884
Monthly Total			15,427	27,287
Monthly Avg	0.90	0.85	498	880

NOTES: ' -- ' indicates plant offline

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

2.1.1 SUMMARY OF PARAMETERS FOR EDMONTON DRINKING WATER

Water Treatment Plants

January 2026



Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Alkalinity total (mg CaCO ₃ /L)	62	127.5	119.0 - 136.0	62	127.5	119.0 - 136.0		
Aluminum (mg/L)	2	0.074	0.070 - 0.077	2	0.074	0.070 - 0.077	2.900 (0.100)	
Arsenic (mg/L)	2	0.0002	<0.0002	2	0.0002	<0.0002 - 0.0002	0.0100	
Bromate Dissolved (mg/L)	8	<0.005	<0.005	8	<0.005	<0.005	0.010	
Bromodichloromethane (µg/L)	62	0.8	<0.50 - 1.2	62	0.8	<0.50 - 1.2		
Cadmium (mg/L)	2	<0.00002	<0.00002	2	<0.00002	<0.00002	0.00700	
Calcium Hardness (mg/L CaCO ₃)	60	123.9	115.0 - 132.0	60	123.9	115.0 - 132.0		
Chlorate Dissolved (mg/L)	8	0.18	0.09 - 0.27	8	0.18	0.09 - 0.27	1.00	
Chloride Dissolved (mg/L)	8	5.7	4.8 - 6.7	8	5.7	4.8 - 6.7	(250.0)	
Chlorine total (mg/L)	62	2.03	1.87 - 2.15	62	2.03	1.87 - 2.15		
Chlorite Dissolved (mg/L)	8	<0.005	<0.005	8	<0.005	<0.005	1.000	
Chloroform (µg/L)	62	13.3	10.1 - 18.9	62	13.3	10.1 - 18.9	(40.0)	
Chromium (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002	0.0500	
Colour (TCU)	62	0.9	0.5 - 1.7	62	0.9	0.5 - 1.7	(15.0)	10.0
Conductivity (µS/cm)	8	393.3	357.0 - 420.0	8	393.3	357.0 - 420.0		
Copper (mg/L)	2	<0.002	<0.002	2	<0.002	<0.002	2.000 (1.000)	
Cryptosporidium (oocysts/100L)	2	<0.1	<0.1	2	<0.1	<0.1		
Fluoride (mg/L)	62	0.71	0.64 - 0.77	62	0.71	0.64 - 0.77	1.50	0.60 - 0.80
Giardia (cysts/100L)	2	<0.1	<0.1	2	<0.1	<0.1		
Haloacetic acids total (HAA5) (µg/L)	2	17.75	16.90 - 18.60	2	17.75	16.90 - 18.60	80.00	40.00
Iron (mg/L)	2	<0.005	<0.005	2	<0.005	<0.005	(0.100)	
Manganese (mg/L)	2	<0.002	<0.002	2	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	2	<0.0050	<0.0050	2	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	8	0.09	0.08 - 0.10	8	0.09	0.08 - 0.10	10.00	
Nitrite (as N) dissolved (mg/L)	8	0.02	0.02	8	0.02	0.02	1.00	
Nitrosodimethylamine, N- [NDMA] (µg/L)	2	<0.0009	<0.0009	2	<0.0009	<0.0009	0.04000	0.01000
pH	62	8	8	62	8	8		7 - 8
Potassium (mg/L)	2	0.8	0.8	2	0.8	0.8		
Sodium (mg/L)	2	6.9	6.6 - 7.2	2	6.9	6.6 - 7.2	(200.0)	
Sulphate Dissolved (mg/L)	8	64.5	62.0 - 67.8	8	64.5	62.0 - 67.8	(500.0)	
Total Dissolved Solids (mg/L)	2	216.50	214.00 - 219.00	2	216.50	214.00 - 219.00	(500.00)	
Total Hardness (mg/L CaCO ₃)	62	187.0	171.0 - 203.0	62	187.0	171.0 - 203.0		
Total Organic Carbon (mg/L)	8	1.3	1.2 - 1.6	8	1.3	1.2 - 1.6		
Trihalomethanes (µg/L)	62	14.2	10.8 - 19.6	62	14.2	10.8 - 19.6	100.0	50.0
Turbidity (NTU)	62	0.04	<0.04 - 0.08	62	0.04	<0.04 - 0.08	(3.00)	1.00
Uranium (mg/L)	2	0.0005	0.0005	2	0.0005	0.0005	0.0200	
Zinc (mg/L)	2	<0.005	<0.005	2	<0.005	<0.005	(5.000)	

2.1.2 EXPLANATION OF NOTATIONS USED

Water Treatment Plants

January 2026



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

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

2.1.3 QUALITY ASSURANCE – January 2026

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2.1.3.6

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

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

2.2.1 BACTERIOLOGICAL DATA

Water Treatment Plants

January 2026



Location	#	Mean	Range	YTD #	YTD Mean	YTD Range
EL Smith Raw						
Coliforms total (MPN/100 mL)	4	89.3	44.1 - 148.3	4	89.3	44.1 - 148.3
E. coli (MPN/100 mL)	4	Not Detected	1.0	4	Not Detected	1.0 - Not Detected
Rossdale Raw						
Cellular ATP (pg/mL)	1	17.1	17.1	1	17.1	17.1
Coliforms total (MPN/100 mL)	31	153.7	36.8 - 1119.9	31	153.7	36.8 - 1119.9
E. coli (MPN/100 mL)	31	14.3	1.0 - 159.7	31	14.3	1.0 - 159.7
EL Smith Treated						
Cellular ATP (pg/mL)	31	0.2	<0.10 - 0.4	31	0.2	<0.10 - 0.4
Coliforms total (PA/100mL)	31	-VE	-VE	31	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	31	-VE	-VE
Rossdale Treated						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.4	31	0.1	<0.10 - 0.4
Coliforms total (PA/100mL)	31	-VE	-VE	31	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	31	-VE	-VE
EL Smith Reservoir						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.2	31	0.1	<0.10 - 0.2
Coliforms total (PA/100mL)	31	-VE	-VE	31	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	31	-VE	-VE
Rossdale Reservoir						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.3	31	0.1	<0.10 - 0.3
Coliforms total (PA/100mL)	31	-VE	-VE	31	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	31	-VE	-VE

2.2.2 BACTERIOLOGICAL DATA

Distribution System

January 2026



Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range
Cellular ATP (pg/mL)	112	0.3	<0.10 - 1.7	112	0.3	<0.10 - 1.7
Chlorine total (mg/L)	214	1.85	1.07 - 2.10	214	1.85	1.07 - 2.10
Coliforms total (PA/100mL)	214	-VE	-VE	214	-VE	-VE
E. coli (PA/100mL)	214	-VE	-VE	214	-VE	-VE
Turbidity (NTU)	214	0.12	0.05 - 0.92	214	0.12	0.05 - 0.92

214

Count of Bacteriological Tests

102%

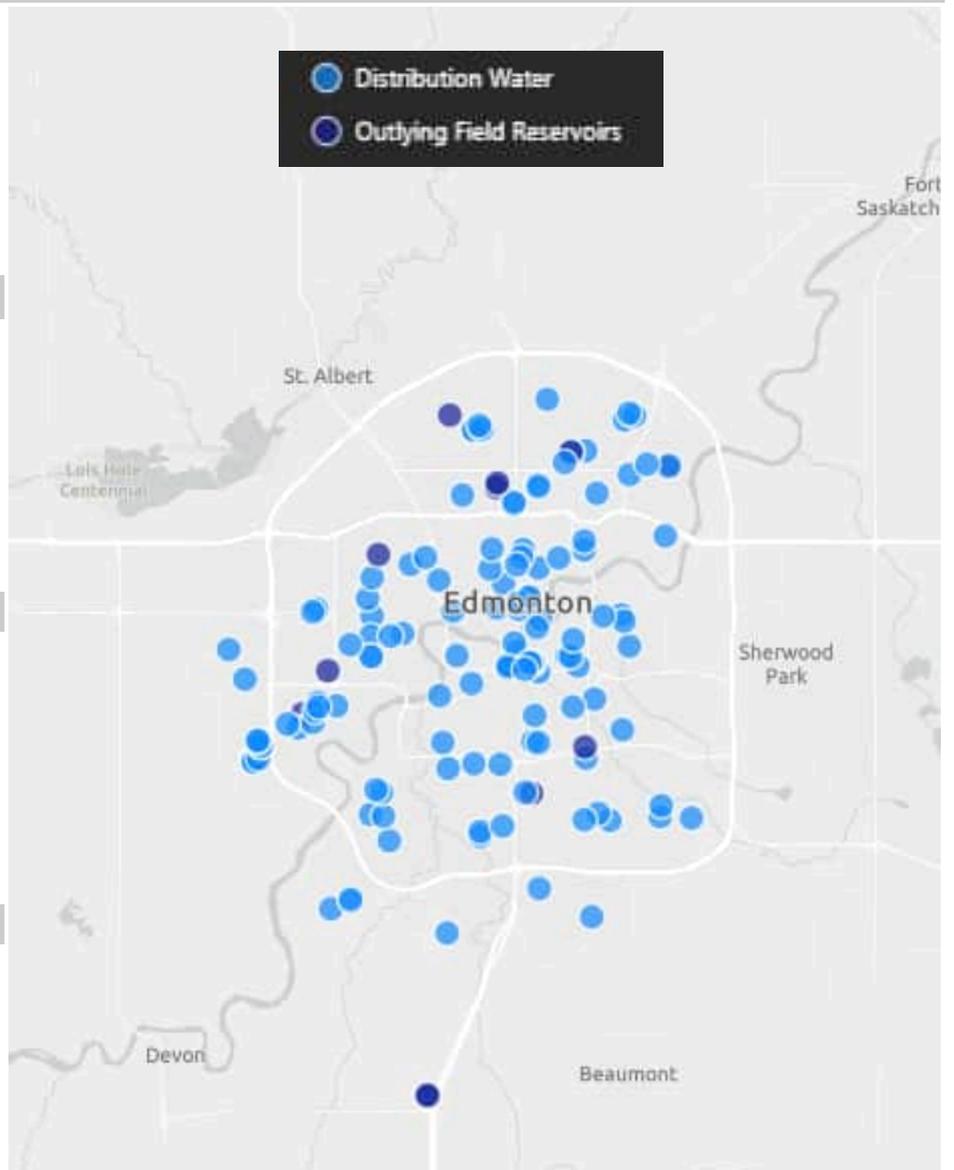
Percent of Target Sampling (210)

51%

Analyzed by AHS

49%

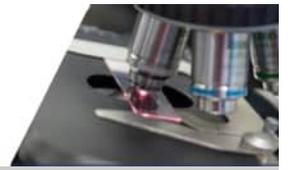
Analyzed by Epcor



2.2.3 SUMMARY OF GIARDIA AND CRYPTOSPORIDIUM

Water Treatment Plants

January 2026



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

Note all values for Cryptosporidium are oocysts/100L and for Giardia are cysts/100L

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rossdale Water Treatment Plant

January 2026



Parameter (units)	#	Mean	Range	YTD #	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Microbiologicals								
Coliforms total (PA/100mL)	31	-VE	-VE	31	-VE	-VE	0.0	
Cryptosporidium (oocysts/100L)	1	<0.1	<0.1	1	<0.1	<0.1		
E. coli (PA/100mL)	31	-VE	-VE	31	-VE	-VE	0.0	
Giardia (cysts/100L)	1	<0.1	<0.1	1	<0.1	<0.1		
Physical								
Colour (TCU)	31	0.9	0.5 - 1.7	31	0.9	0.5 - 1.7	(15.0)	10.0
Conductivity (µS/cm)	4	394.0	357.0 - 418.0	4	394.0	357.0 - 418.0		
pH	31	8	8	31	8	8		7 - 8
Total Dissolved Solids (mg/L)	1	214.00	214.00	1	214.00	214.00	(500.00)	
Turbidity (NTU)	31	0.04	<0.04 - 0.08	31	0.04	<0.04 - 0.08	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0100	
Barium (mg/L)	1	0.063	0.063	1	0.063	0.063	2.000	
Boron (mg/L)	1	0.009	0.009	1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)	4	<0.005	<0.005	4	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	4	0.26	0.25 - 0.27	4	0.26	0.25 - 0.27	1.00	
Chlorine total (mg/L)	31	2.01	1.87 - 2.15	31	2.01	1.87 - 2.15		
Chlorite Dissolved (mg/L)	4	<0.005	<0.005	4	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Cyanide (mg/L)								
Fluoride (mg/L)	31	0.73	0.69 - 0.77	31	0.73	0.69 - 0.77	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	4	0.09	0.08 - 0.10	4	0.09	0.08 - 0.10	10.00	
Nitrite (as N) dissolved (mg/L)	4	0.02	0.02	4	0.02	0.02	1.00	
Selenium (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0500	
Uranium (mg/L)	1	0.0005	0.0005	1	0.0005	0.0005	0.0200	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rosssdale Water Treatment Plant

January 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)								
Benzene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	5.0	
Benzo(a)pyrene (µg/L)								
Bromoxynil (µg/L)								
Carbon Tetrachloride (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	2.0	
Chlorpyrifos (µg/L)								
Cyanazine (µg/L)								
Dicamba (µg/L)								
Dichlorobenzene (1,4) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	2	<0.50	<0.50	2	<0.50	<0.50	5.00	
Dichlorophenol (2,4) (µg/L)								
Dimethoate (µg/L)								
Diquat (µg/L)								
Ethylbenzene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	140.0 (1.6)	
Glyphosate (µg/L)								
Haloacetic acids total (HAA5) (µg/L)	1	18.60	18.60	1	18.60	18.60	80.00	40.00
Malathion (µg/L)								
Methylene Chloride (Dichloromethane) (µg/L)	31	0.5	<0.5 - 1.0	31	<1.00	<0.5 - <1.00	50.0	
Metribuzin (µg/L)								
Microcystin total (µg/L)								
Nitrilotriacetic acid (NTA) (mg/L)								
Nitrosodimethylamine, N- [NDMA] (µg/L)	1	<0.0009	<0.0009	1	<0.0009	<0.0009	0.04000	0.01000
Omethoate (µg/L)								
Omethoate (as dimethoate) (µg/L)								
Pentachlorophenol (µg/L)								
Perfluorooctanesulfonic acid (PFOS) (ng/L)								
Perfluorooctanoic Acid (PFOA) (ng/L)								
Tetrachloroethylene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	10.0	
Toluene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	60.0 (24.0)	
Total PFAS (ng/L)								
Trichloroethylene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	5.0	
Trichlorophenol (2,4,6) (µg/L)								
Trihalomethanes (µg/L)	31	15.4	11.8 - 19.6	31	15.4	11.8 - 19.6	100.0	50.0
Vinyl Chloride (µg/L)	31	0.97	<0.50 - 1.00	31	<1.0	<0.50 - <1.0	2.00	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rosssdale Water Treatment Plant

January 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	31	127.4	119.0 - 136.0	31	127.4	119.0 - 136.0		
Aluminum (mg/L)	1	0.070	0.070	1	0.070	0.070	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	14	0.08	0.05 - 0.10	14	0.08	0.05 - 0.10		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	4	<0.03	<0.03	4	<0.03	<0.03		
Calcium (mg/L)	1	51.0	51.0	1	51.0	51.0		
Calcium Hardness (mg/L CaCO ₃)	31	124.3	115.0 - 132.0	31	124.3	115.0 - 132.0		
Chloride Dissolved (mg/L)	4	5.5	4.8 - 6.2	4	5.5	4.8 - 6.2	(250.0)	
Chlorine free (mg/L)	1	<0.07	<0.07	1	<0.07	<0.07		
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0035	0.0035	1	0.0035	0.0035		
Magnesium (mg/L)	1	15.5	15.5	1	15.5	15.5		
Molybdenum (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	1	<0.02	<0.02	1	<0.02	<0.02		
Phosphorus (mg/L)	1	<0.02	<0.02	1	<0.02	<0.02		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.37	2.37	1	2.37	2.37		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	6.6	6.6	1	6.6	6.6	(200.0)	
Strontium (mg/L)	1	0.472	0.472	1	0.472	0.472	7.000	
Sulphate Dissolved (mg/L)	4	64.8	62.4 - 66.6	4	64.8	62.4 - 66.6	(500.0)	
Sulphide (mg/L)								
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	31	187.5	177.0 - 203.0	31	187.5	177.0 - 203.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L Smith Water Treatment Plant

January 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Microbiologicals								
Coliforms total (PA/100mL)	31	-VE	-VE	31	-VE	-VE	0.0	
Cryptosporidium (oocysts/100L)	1	<0.1	<0.1	1	<0.1	<0.1		
E. coli (PA/100mL)	31	-VE	-VE	31	-VE	-VE	0.0	
Giardia (cysts/100L)	1	<0.1	<0.1	1	<0.1	<0.1		
Physical								
Colour (TCU)	31	0.9	0.6 - 1.6	31	0.9	0.6 - 1.6	(15.0)	10.0
Conductivity (µS/cm)	4	392.5	363.0 - 420.0	4	392.5	363.0 - 420.0		
pH	31	8	8	31	8	8		7 - 8
Total Dissolved Solids (mg/L)	1	219.00	219.00	1	219.00	219.00	(500.00)	
Turbidity (NTU)	31	0.04	<0.04 - 0.08	31	0.04	<0.04 - 0.08	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0100	
Barium (mg/L)	1	0.063	0.063	1	0.063	0.063	2.000	
Boron (mg/L)	1	0.009	0.009	1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)	4	<0.005	<0.005	4	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	4	0.11	0.09 - 0.13	4	0.11	0.09 - 0.13	1.00	
Chlorine total (mg/L)	31	2.05	1.95 - 2.13	31	2.05	1.95 - 2.13		
Chlorite Dissolved (mg/L)	4	<0.005	<0.005	4	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Cyanide (mg/L)								
Fluoride (mg/L)	31	0.69	0.64 - 0.73	31	0.69	0.64 - 0.73	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	4	0.09	0.08 - 0.09	4	0.09	0.08 - 0.09	10.00	
Nitrite (as N) dissolved (mg/L)	4	0.02	0.02	4	0.02	0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0005	0.0005	1	0.0005	0.0005	0.0200	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L. Smith Water Treatment Plant

January 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)								
Benzene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	5.0	
Benzo(a)pyrene (µg/L)								
Bromoxynil (µg/L)								
Carbon Tetrachloride (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	2.0	
Chlorpyrifos (µg/L)								
Cyanazine (µg/L)								
Dicamba (µg/L)								
Dichlorobenzene (1,4) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	2	<0.50	<0.50	2	<0.50	<0.50	5.00	
Dichlorophenol (2,4) (µg/L)								
Dimethoate (µg/L)								
Diquat (µg/L)								
Ethylbenzene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	140.0 (1.6)	
Glyphosate (µg/L)								
Haloacetic acids total (HAA5) (µg/L)	1	16.90	16.90	1	16.90	16.90	80.00	40.00
Malathion (µg/L)								
Methylene Chloride (Dichloromethane) (µg/L)	31	0.5	<0.5 - 1.0	31	<1.00	<0.5 - <1.00	50.0	
Metribuzin (µg/L)								
Microcystin total (µg/L)								
Nitritotriacetic acid (NTA) (mg/L)								
Nitrosodimethylamine, N- [NDMA] (µg/L)	1	<0.0009	<0.0009	1	<0.0009	<0.0009	0.04000	0.01000
Omethoate (µg/L)								
Omethoate (as dimethoate) (µg/L)								
Pentachlorophenol (µg/L)								
Perfluorooctanesulfonic acid (PFOS) (ng/L)								
Perfluorooctanoic Acid (PFOA) (ng/L)								
Tetrachloroethylene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	10.0	
Toluene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	60.0 (24.0)	
Total PFAS (ng/L)								
Trichloroethylene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	5.0	
Trichlorophenol (2,4,6) (µg/L)								
Trihalomethanes (µg/L)	31	13.0	10.8 - 18.3	31	13.0	10.8 - 18.3	100.0	50.0
Vinyl Chloride (µg/L)	31	0.97	<0.50 - 1.00	31	<1.0	<0.50 - <1.0	2.00	

2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L. Smith Water Treatment Plant

January 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	31	127.7	119.0 - 136.0	31	127.7	119.0 - 136.0		
Aluminum (mg/L)	1	0.077	0.077	1	0.077	0.077	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	14	0.09	0.06 - 0.11	14	0.09	0.06 - 0.11		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	4	<0.03	<0.03	4	<0.03	<0.03		
Calcium (mg/L)	1	50.7	50.7	1	50.7	50.7		
Calcium Hardness (mg/L CaCO ₃)	31	123.7	116.0 - 132.0	31	123.7	116.0 - 132.0		
Chloride Dissolved (mg/L)	4	5.9	5.7 - 6.7	4	5.9	5.7 - 6.7	(250.0)	
Chlorine free (mg/L)	1	<0.07	<0.07	1	<0.07	<0.07		
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0033	0.0033	1	0.0033	0.0033		
Magnesium (mg/L)	1	15.3	15.3	1	15.3	15.3		
Molybdenum (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	1	0.02	0.02	1	0.02	0.02		
Phosphorus (mg/L)	1	<0.02	<0.02	1	<0.02	<0.02		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.35	2.35	1	2.35	2.35		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	7.2	7.2	1	7.2	7.2	(200.0)	
Strontium (mg/L)	1	0.471	0.471	1	0.471	0.471	7.000	
Sulphate Dissolved (mg/L)	4	64.2	62.0 - 67.8	4	64.2	62.0 - 67.8	(500.0)	
Sulphide (mg/L)								
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	31	186.5	171.0 - 202.0	31	186.5	171.0 - 202.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.5 TREATED WATER ENTERING THE PLANT RESERVOIR

E.L. Smith and Rossdale Reservoirs

January 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	95.5	92.5	31	95.5	92.5 - 95.5		
UV Absorbance (UV Abs/cm)	31	0.026	0.020 - 0.034	31	0.026	0.020 - 0.034		
EL Smith Treated								
Turbidity (NTU)	31	0.04	<0.04 - 0.08	31	0.04	<0.04 - 0.08	(3.00)	0.10
Rossdale Filter Effluent								
UV 254 % Transmittance (%T/cm)	31	95.3	91.4	31	95.3	91.4 - 95.3		
UV Absorbance (UV Abs/cm)	31	0.026	0.021 - 0.039	31	0.026	0.021 - 0.039		
Rossdale Treated								
Turbidity (NTU)	31	0.04	<0.04 - 0.06	31	0.04	<0.04 - 0.06	(3.00)	0.10
Primary Organics								
EL Smith Treated								
Benzene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	5.0	
Carbon Tetrachloride (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	2.0	
Dichlorobenzene (1,4) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	5.0 (1.0)	
Ethylbenzene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	31	0.5	<0.5 - 1.0	31	<1.00	<0.5 - <1.00	50.0	
Tetrachloroethylene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	10.0	
Toluene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	60.0 (24.0)	
Trichloroethylene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	5.0	
Trihalomethanes (µg/L)	31	10.7	8.3 - 19.7	31	10.7	8.3 - 19.7	100.0	50.0
Vinyl Chloride (µg/L)	31	0.97	<0.50 - 1.00	31	<1.0	<0.50 - <1.0	2.00	
Rossdale Treated								
Benzene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	5.0	
Carbon Tetrachloride (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	2.0	
Dichlorobenzene (1,4) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	5.0 (1.0)	
Ethylbenzene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	31	0.5	<0.5 - 1.0	31	<1.00	<0.5 - <1.00	50.0	
Tetrachloroethylene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	10.0	
Toluene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	60.0 (24.0)	
Trichloroethylene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	5.0	
Trihalomethanes (µg/L)	31	13.1	10.3 - 19.8	31	13.1	10.3 - 19.8	100.0	50.0
Vinyl Chloride (µg/L)	31	0.97	<0.50 - 1.00	31	<1.0	<0.50 - <1.0	2.00	

2.2.5 TREATED WATER ENTERING THE PLANT RESERVOIR

E.L. Smith and Rossdale Reservoirs

January 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Primary Inorganics								
EL Smith Treated								
Bromate Dissolved (mg/L)	4	<0.005	<0.005	4	<0.005	<0.005	0.010	
Chlorate Dissolved (mg/L)	4	0.11	0.09 - 0.13	4	0.11	0.09 - 0.13	1.00	
Chlorite Dissolved (mg/L)	4	<0.005	<0.005	4	<0.005	<0.005	1.000	
Nitrate (as N) dissolved (mg/L)	4	0.09	0.08 - 0.09	4	0.09	0.08 - 0.09	10.00	
Nitrite (as N) dissolved (mg/L)	4	0.02	0.02	4	0.02	0.02	1.00	
Rossdale Treated								
Bromate Dissolved (mg/L)	4	<0.005	<0.005	4	<0.005	<0.005	0.010	
Chlorate Dissolved (mg/L)	4	0.27	0.24 - 0.30	4	0.27	0.24 - 0.30	1.00	
Chlorite Dissolved (mg/L)	4	<0.005	<0.005	4	<0.005	<0.005	1.000	
Nitrate (as N) dissolved (mg/L)	4	0.09	0.08 - 0.10	4	0.09	0.08 - 0.10	10.00	
Nitrite (as N) dissolved (mg/L)	4	0.02	0.02	4	0.02	0.02	1.00	
Secondary Inorganics								
EL Smith Treated								
Ammonia as NH3 (mg/L)	14	0.09	0.06 - 0.12	14	0.09	0.06 - 0.12		
Bromide Dissolved (mg/L)	4	<0.03	<0.03	4	<0.03	<0.03		
Chloride Dissolved (mg/L)	4	6.0	5.6 - 6.7	4	6.0	5.6 - 6.7	(250.0)	
Sulphate Dissolved (mg/L)	4	64.2	62.1 - 68.4	4	64.2	62.1 - 68.4	(500.0)	
Rossdale Treated								
Ammonia as NH3 (mg/L)	14	0.06	<0.05 - 0.10	14	0.06	<0.05 - 0.10		
Bromide Dissolved (mg/L)	4	<0.03	<0.03	4	<0.03	<0.03		
Chloride Dissolved (mg/L)	4	6.5	4.9 - 10.6	4	6.5	4.9 - 10.6	(250.0)	
Sulphate Dissolved (mg/L)	4	64.9	62.4 - 68.1	4	64.9	62.4 - 68.1	(500.0)	

2.2.5 TREATED WATER ENTERING THE PLANT RESERVOIR

E.L. Smith and Rossdale Reservoirs

January 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	0.6	<0.5 - 0.8	31	0.6	<0.5 - 0.8		
Bromoform (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Chlorobenzene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Chloroform (µg/L)	31	10.0	7.4 - 19.2	31	10.0	7.4 - 19.2	(40.0)	
Dibromochloromethane (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Dichlorobenzene (1,2) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	200.0 (3.0)	
Dichlorobenzene (1,3) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Dichloroethylene (1,1) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	14.0	
Dichloroethylene cis (1,2) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Dichloroethylene trans (1,2) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Dichloropropane (1,2) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Methyl Isobutyl Ketone (MIBK) (µg/L)	31	2.2	<1.0 - 20.0	31	<20	<1.0 - <20		
Methyl t-Butyl Ether (MTBE) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	100.0 (15.0)	50.0
Styrene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Tetrachloroethane (1,1,2,2) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Total Volatile Organics (Non THM) (µg/L)	29	1.0	<1.0 - 1.1	29	1.0	<1.0 - 1.1		
Trichlorobenzene (1,2,4) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Xylene (1,2) (µg/L)	31	0.49	<0.30 - 0.50	31	<0.5	<0.30 - <0.5		
Xylene (1,4) (µg/L)	31	0.49	<0.40 - 0.50	31	<0.5	<0.40 - <0.5		
Xylenes total (µg/L)	31	0.97	<0.50 - 1.00	31	<1.0	<0.50 - <1.0	90.00 (20.00)	
Rossdale Treated								
Bromodichloromethane (µg/L)	31	0.8	0.5 - 1.2	31	0.8	0.5 - 1.2		
Bromoform (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Chlorobenzene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Chloroform (µg/L)	31	12.2	9.5 - 19.3	31	12.2	9.5 - 19.3	(40.0)	
Dibromochloromethane (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Dichlorobenzene (1,2) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	200.0 (3.0)	
Dichlorobenzene (1,3) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Dichloroethylene (1,1) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	14.0	
Dichloroethylene cis (1,2) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Dichloroethylene trans (1,2) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Dichloropropane (1,2) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Methyl Isobutyl Ketone (MIBK) (µg/L)	31	2.2	<1.0 - 20.0	31	<20	<1.0 - <20		
Methyl t-Butyl Ether (MTBE) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50	100.0 (15.0)	50.0
Styrene (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Tetrachloroethane (1,1,2,2) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Total Volatile Organics (Non THM) (µg/L)	29	1.0	<1.0 - 1.3	29	1.0	<1.0 - 1.3		
Trichlorobenzene (1,2,4) (µg/L)	31	<0.50	<0.5	31	<0.50	<0.5 - <0.50		
Xylene (1,2) (µg/L)	31	0.49	<0.30 - 0.50	31	<0.5	<0.30 - <0.5		
Xylene (1,4) (µg/L)	31	0.49	<0.40 - 0.50	31	<0.5	<0.40 - <0.5		
Xylenes total (µg/L)	31	0.97	<0.50 - 1.00	31	<1.0	<0.50 - <1.0	90.00 (20.00)	

2.2.6 Routine Distribution System (Excluding Field Reservoirs)

January 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)								
Benzene (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5	5.0	
Benzo(a)pyrene (µg/L)								
Bromoxynil (µg/L)								
Carbon Tetrachloride (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5	2.0	
Chlorpyrifos (µg/L)								
Cyanazine (µg/L)								
Dicamba (µg/L)								
Dichlorobenzene (1,4) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5	5.0	
Dichlorophenol (2,4) (µg/L)								
Dimethoate (µg/L)								
Diquat (µg/L)								
Ethylbenzene (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5	140.0 (1.6)	
Glyphosate (µg/L)								
Haloacetic acids total (HAA5) (µg/L)	6	19.15	17.40 - 20.40	6	19.15	17.40 - 20.40	80.00	40.00
Malathion (µg/L)								
Methylene Chloride (Dichloromethane) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5	50.0	
Metribuzin (µg/L)								
Microcystin total (µg/L)								
Nitritotriacetic acid (NTA) (mg/L)								
Nitrosodimethylamine, N- [NDMA] (µg/L)	3	0.00122	<0.0009 - 0.00176	3	0.00122	<0.0009 - 0.00176	0.04000	0.01000
Omethoate (µg/L)								
Omethoate (as dimethoate) (µg/L)								
Pentachlorophenol (µg/L)								
Perfluorooctanesulfonic acid (PFOS) (ng/L)								
Perfluorooctanoic Acid (PFOA) (ng/L)								
Tetrachloroethylene (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5	10.0	
Toluene (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5	60.0 (24.0)	
Total PFAS (ng/L)								
Trichloroethylene (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5	5.0	
Trichlorophenol (2,4,6) (µg/L)								
Trihalomethanes (µg/L)	6	17.1	11.9 - 21.6	6	17.1	11.9 - 21.6	100.0	50.0
Vinyl Chloride (µg/L)	6	<1.0	<1.0	6	<1.0	<1.0	2.0	

2.2.6 Routine Distribution System (Excluding Field Reservoirs)

January 2026



Parameter (units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromochloroacetic acid (µg/L)	6	<1.00	<1.00	6	<1.00	<1.00		
Bromodichloromethane (µg/L)	6	1.0	0.7 - 1.2	6	1.0	0.7 - 1.2		
Bromoform (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Chlorobenzene (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Chloroform (µg/L)	6	16.0	11.1 - 20.2	6	16.0	11.1 - 20.2		
Dibromoacetic acid (µg/L)	6	<1.00	<1.00	6	<1.00	<1.00		
Dibromochloromethane (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Dichloroacetic acid (µg/L)	6	9.42	8.61 - 9.83	6	9.42	8.61 - 9.83		
Dichlorobenzene (1,2) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	6	<1.0	<1.0	6	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5	(15.0)	
Monobromoacetic acid (µg/L)	6	<1.00	<1.00	6	<1.00	<1.00		
Monochloroacetic acid (µg/L)	6	<1.00	<1.00	6	<1.00	<1.00		
Styrene (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Total Organic Carbon (mg/L)	2	1.3	1.3	2	1.3	1.3		
Total Volatile Organics (Non THM) (µg/L)	6	1.0	<1.0 - 1.2	6	1.0	<1.0 - 1.2		
Trichloroacetic acid (µg/L)	6	9.75	8.79 - 10.60	6	9.75	8.79 - 10.60		
Trichlorobenzene (1,2,4) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Xylene (1,2) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Xylene (1,4) (µg/L)	6	<0.5	<0.5	6	<0.5	<0.5		
Xylenes total (µg/L)	6	<1.0	<1.0	6	<1.0	<1.0	90.0 (20.0)	

2.2.7 Additional Distribution System Samples Collected from Water Quality Complaint Investigations

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	5	0.9	<0.5 - 1.6	5	0.9	<0.5 - 1.6	(15.0)	10.0
pH	5	8	8	5	8	8		7 - 8
Turbidity (NTU)	5	0.08	0.06 - 0.10	5	0.08	0.06 - 0.10	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	5	<0.0005	<0.0005	5	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	5	0.0002	<0.0002	5	0.0002	<0.0002 - 0.0002	0.0100	
Barium (mg/L)	5	0.061	0.059 - 0.064	5	0.061	0.059 - 0.064	2.000	
Boron (mg/L)	5	0.009	0.009 - 0.010	5	0.009	0.009 - 0.010	5.000	
Cadmium (mg/L)	5	<0.00002	<0.00002	5	<0.00002	<0.00002	0.00700	
Chlorine total (mg/L)	5	1.83	1.49 - 1.97	5	1.83	1.49 - 1.97		1.00 - 2.40
Chromium (mg/L)	5	<0.0002	<0.0002	5	<0.0002	<0.0002	0.0500	
Lead (mg/L)	5	<0.0002	<0.0002	5	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	5	<0.002	<0.002	5	<0.002	<0.002	0.120 (0.020)	
Selenium (mg/L)	5	0.0003	0.0003	5	0.0003	0.0003	0.0500	
Uranium (mg/L)	5	0.0005	<0.0005 - 0.0006	5	0.0005	<0.0005 - 0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5	10.0	
Toluene (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	5	16.8	14.3 - 21.4	5	16.8	14.3 - 21.4	100.0	50.0
Vinyl Chloride (µg/L)	5	<1.0	<1.0	5	<1.0	<1.0	2.0	

2.2.7 Additional Distribution System Samples Collected from Water Quality Complaint Investigations

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Organics								
Bromodichloromethane (µg/L)	5	0.9	0.8 - 1.1	5	0.9	0.8 - 1.1		
Bromoform (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Chlorobenzene (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Chloroform (µg/L)	5	15.8	13.3 - 20.3	5	15.8	13.3 - 20.3		
Dibromochloromethane (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	5	<1.0	<1.0	5	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5	(15.0)	
Styrene (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Total Volatile Organics (Non THM) (µg/L)	5	<1.0	<1.0	5	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Xylene (1,2) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Xylene (1,4) (µg/L)	5	<0.5	<0.5	5	<0.5	<0.5		
Xylenes total (µg/L)	5	<1.0	<1.0	5	<1.0	<1.0	90.0 (20.0)	

2.2.7 Additional Distribution System Samples Collected from Water Quality Complaint Investigations

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Aluminum (mg/L)	5	0.061	0.049 - 0.070	5	0.061	0.049 - 0.070	2.900 (0.100)	
Beryllium (mg/L)	5	<0.0002	<0.0002	5	<0.0002	<0.0002		
Calcium (mg/L)	5	51.8	50.3 - 53.8	5	51.8	50.3 - 53.8		
Cobalt (mg/L)	5	<0.0002	<0.0002	5	<0.0002	<0.0002		
Copper (mg/L)	5	0.003	<0.002 - 0.005	5	0.003	<0.002 - 0.005	2.000 (1.000)	
Iron (mg/L)	5	0.007	<0.005 - 0.013	5	0.007	<0.005 - 0.013	(0.100)	
Lithium (mg/L)	5	0.0036	0.0034 - 0.0039	5	0.0036	0.0034 - 0.0039		
Magnesium (mg/L)	5	15.4	15.3 - 15.6	5	15.4	15.3 - 15.6		
Molybdenum (mg/L)	5	0.0006	0.0006 - 0.0007	5	0.0006	0.0006 - 0.0007		
Nickel (mg/L)	5	0.0005	<0.0005 - 0.0006	5	0.0005	<0.0005 - 0.0006		
Phosphorus (mg/L)	5	0.95	0.92 - 0.99	5	0.95	0.92 - 0.99		
Potassium (mg/L)	5	0.8	0.7 - 0.8	5	0.8	0.7 - 0.8		
Silicon (mg/L)	5	2.51	2.48 - 2.55	5	2.51	2.48 - 2.55		
Silver (mg/L)	5	<0.00002	<0.00002	5	<0.00002	<0.00002		
Sodium (mg/L)	5	7.5	7.0 - 8.0	5	7.5	7.0 - 8.0	(200.0)	
Strontium (mg/L)	5	0.472	0.463 - 0.477	5	0.472	0.463 - 0.477	7.000	
Thallium (mg/L)	5	<0.0002	<0.0002	5	<0.0002	<0.0002		
Total Hardness (mg/L CaCO3)	5	192.6	189.0 - 198.0	5	192.6	189.0 - 198.0		
Vanadium (mg/L)	5	<0.0005	<0.0005	5	<0.0005	<0.0005		
Zinc (mg/L)	5	<0.005	<0.005	5	<0.005	<0.005	(5.000)	

2.2.8 Castledowns Reservoir

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Primary Organics								
Benzene (µg/L)								
Carbon Tetrachloride (µg/L)								
Dichlorobenzene (1,4) (µg/L)								
Dichloroethane (1,2) (µg/L)								
Ethylbenzene (µg/L)								
Haloacetic acids total (HAA5) (µg/L)								
Methylene Chloride (Dichloromethane) (µg/L)								
Nitrosodimethylamine, N- [NDMA] (µg/L)								
Tetrachloroethylene (µg/L)								
Toluene (µg/L)								
Trichloroethylene (µg/L)								
Trihalomethanes (µg/L)								
Vinyl Chloride (µg/L)								
Physical								
Colour (TCU)								
Conductivity (µS/cm)								
pH								
Turbidity (NTU)	4	0.08	0.08 - 0.09	4	0.08	0.08 - 0.09	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)								
Arsenic (mg/L)								
Barium (mg/L)								
Boron (mg/L)								
Bromate Dissolved (mg/L)								
Cadmium (mg/L)								
Chlorate Dissolved (mg/L)								
Chlorite Dissolved (mg/L)								
Chromium (mg/L)								
Fluoride (mg/L)								
Lead (mg/L)								
Manganese (mg/L)								
Mercury (µg/L)								
Nitrate (as N) dissolved (mg/L)								
Nitrite (as N) dissolved (mg/L)								
Selenium (mg/L)								
Uranium (mg/L)								
Chlorine total (mg/L)	4	1.96	1.95 - 1.97	4	1.96	1.95 - 1.97		1.00 - 2.40

2.2.9 Clareview Reservoir

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	0.6	0.6	1	0.6	0.6	(15.0)	10.0
Conductivity (µS/cm)	1	397.0	397.0	1	397.0	397.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.14	0.10 - 0.21	4	0.14	0.10 - 0.21	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0100	
Barium (mg/L)	1	0.066	0.066	1	0.066	0.066	2.000	
Boron (mg/L)	1	0.009	0.009	1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.26	0.26	1	0.26	0.26	1.00	
Chlorine total (mg/L)	4	1.73	1.69 - 1.80	4	1.73	1.69 - 1.80		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.69	0.69	1	0.69	0.69	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.10	0.10	1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.01	0.01	1	0.01	0.01	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	20.3	20.3	1	20.3	20.3	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	

2.2.9 Clareview Reservoir

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	1	129.0	129.0	1	129.0	129.0		
Aluminum (mg/L)	1	0.064	0.064	1	0.064	0.064	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	1	0.10	0.10	1	0.10	0.10		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	1	<0.03	<0.03		
Calcium (mg/L)	1	52.7	52.7	1	52.7	52.7		
Calcium Hardness (mg/L CaCO ₃)	1	132.0	132.0	1	132.0	132.0		
Chloride Dissolved (mg/L)	1	5.6	5.6	1	5.6	5.6	(250.0)	
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	0.010	0.010	1	0.010	0.010	(0.100)	
Lithium (mg/L)	1	0.0035	0.0035	1	0.0035	0.0035		
Magnesium (mg/L)	1	16.0	16.0	1	16.0	16.0		
Molybdenum (mg/L)	1	0.0007	0.0007	1	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.92	0.90 - 0.94	4	0.92	0.90 - 0.94		
Phosphorus (mg/L)	1	0.95	0.95	1	0.95	0.95		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.57	2.57	1	2.57	2.57		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	7.5	7.5	1	7.5	7.5	(200.0)	
Strontium (mg/L)	1	0.481	0.481	1	0.481	0.481	7.000	
Sulphate Dissolved (mg/L)	1	67.0	67.0	1	67.0	67.0	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	1	198.0	198.0	1	198.0	198.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.9 Clareview Reservoir

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

2.2.10 Discovery Park Reservoir

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	<0.5	<0.5	1	<0.5	<0.5	(15.0)	10.0
Conductivity (µS/cm)	1	399.0	399.0	1	399.0	399.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.09	0.07 - 0.10	4	0.09	0.07 - 0.10	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0100	
Barium (mg/L)	1	0.064	0.064	1	0.064	0.064	2.000	
Boron (mg/L)	1	0.009	0.009	1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.09	0.09	1	0.09	0.09	1.00	
Chlorine total (mg/L)	4	1.36	1.26 - 1.43	4	1.36	1.26 - 1.43		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Cyanide (mg/L)								
Fluoride (mg/L)	1	0.68	0.68	1	0.68	0.68	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.10	0.10	1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.01	0.01	1	0.01	0.01	1.00	
Selenium (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Benzo(a)pyrene (µg/L)								
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Haloacetic acids total (HAA5) (µg/L)								
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Microcystin total (µg/L)								
Nitrilotriacetic acid (NTA) (mg/L)								
Nitrosodimethylamine, N- [NDMA] (µg/L)								
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	17.3	17.3	1	17.3	17.3	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	

2.2.10 Discovery Park Reservoir

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	1	128.0	128.0	1	128.0	128.0		
Aluminum (mg/L)	1	0.077	0.077	1	0.077	0.077	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	1	0.16	0.16	1	0.16	0.16		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	1	<0.03	<0.03		
Calcium (mg/L)	1	52.4	52.4	1	52.4	52.4		
Calcium Hardness (mg/L CaCO ₃)	1	131.0	131.0	1	131.0	131.0		
Chloride Dissolved (mg/L)	1	5.8	5.8	1	5.8	5.8	(250.0)	
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0033	0.0033	1	0.0033	0.0033		
Magnesium (mg/L)	1	15.7	15.7	1	15.7	15.7		
Molybdenum (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.87	0.86 - 0.88	4	0.87	0.86 - 0.88		
Phosphorus (mg/L)	1	0.92	0.92	1	0.92	0.92		
Potassium (mg/L)	1	0.9	0.9	1	0.9	0.9		
Silicon (mg/L)	1	2.43	2.43	1	2.43	2.43		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	7.4	7.4	1	7.4	7.4	(200.0)	
Strontium (mg/L)	1	0.495	0.495	1	0.495	0.495	7.000	
Sulphate Dissolved (mg/L)	1	64.8	64.8	1	64.8	64.8	(500.0)	
Sulphide (mg/L)								
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	1	195.0	195.0	1	195.0	195.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.10 Discovery Park Reservoir

January 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	0.9	0.9	1	0.9	0.9		
Bromoform (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chloroform (µg/L)	1	16.1	16.1	1	16.1	16.1		
Dibromoacetic acid (µg/L)								
Dibromochloromethane (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroacetic acid (µg/L)								
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	(15.0)	
Monobromoacetic acid (µg/L)								
Monochloroacetic acid (µg/L)								
Styrene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.3	1.3	1	1.3	1.3		
Total Volatile Organics (Non THM) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Trichloroacetic acid (µg/L)								
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	90.0 (20.0)	

2.2.11 Kaskitayo Reservoir

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	0.9	0.9	1	0.9	0.9	(15.0)	10.0
Conductivity (µS/cm)	1	410.0	410.0	1	410.0	410.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.10	0.09 - 0.10	4	0.10	0.09 - 0.10	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0100	
Barium (mg/L)	1	0.069	0.069	1	0.069	0.069	2.000	
Boron (mg/L)	1	0.009	0.009	1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.13	0.13	1	0.13	0.13	1.00	
Chlorine total (mg/L)	4	1.99	1.94 - 2.04	4	1.99	1.94 - 2.04		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.70	0.70	1	0.70	0.70	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.10	0.10	1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.02	0.02	1	0.02	0.02	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	17.5	17.5	1	17.5	17.5	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	

2.2.11 Kaskitayo Reservoir

January 2026



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

2.2.11 Kaskitayo Reservoir

January 2026



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

2.2.14 North Jasper Place Reservoir

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	<0.5	<0.5	1	<0.5	<0.5	(15.0)	10.0
Conductivity (µS/cm)	1	398.0	398.0	1	398.0	398.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.09	0.09 - 0.10	4	0.09	0.09 - 0.10	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0100	
Barium (mg/L)	1	0.067	0.067	1	0.067	0.067	2.000	
Boron (mg/L)	1	0.009	0.009	1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.11	0.11	1	0.11	0.11	1.00	
Chlorine total (mg/L)	4	1.77	1.72 - 1.82	4	1.77	1.72 - 1.82		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.65	0.65	1	0.65	0.65	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.10	0.10	1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.01	0.01	1	0.01	0.01	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	18.6	18.6	1	18.6	18.6	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	

2.2.14 North Jasper Place Reservoir

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	1	131.0	131.0	1	131.0	131.0		
Aluminum (mg/L)	1	0.079	0.079	1	0.079	0.079	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	1	0.13	0.13	1	0.13	0.13		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	1	<0.03	<0.03		
Calcium (mg/L)	1	52.9	52.9	1	52.9	52.9		
Calcium Hardness (mg/L CaCO ₃)	1	132.0	132.0	1	132.0	132.0		
Chloride Dissolved (mg/L)	1	5.8	5.8	1	5.8	5.8	(250.0)	
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0034	0.0034	1	0.0034	0.0034		
Magnesium (mg/L)	1	16.0	16.0	1	16.0	16.0		
Molybdenum (mg/L)	1	0.0007	0.0007	1	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.90	0.88 - 0.92	4	0.90	0.88 - 0.92		
Phosphorus (mg/L)	1	0.93	0.93	1	0.93	0.93		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.54	2.54	1	2.54	2.54		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	7.4	7.4	1	7.4	7.4	(200.0)	
Strontium (mg/L)	1	0.482	0.482	1	0.482	0.482	7.000	
Sulphate Dissolved (mg/L)	1	66.2	66.2	1	66.2	66.2	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	1	198.0	198.0	1	198.0	198.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.14 North Jasper Place Reservoir

January 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	1	1.1	1.1		
Bromoform (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chlorobenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Chloroform (µg/L)	1	17.3	17.3	1	17.3	17.3		
Dibromochloromethane (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichlorobenzene (1,3) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene (1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	14.0	
Dichloroethylene cis (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloroethylene trans (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Dichloropropane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Methyl Isobutyl Ketone (MIBK) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Methyl t-Butyl Ether (MTBE) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	(15.0)	
Styrene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Tetrachloroethane (1,1,2,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Total Organic Carbon (mg/L)	1	1.4	1.4	1	1.4	1.4		
Total Volatile Organics (Non THM) (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0		
Trichlorobenzene (1,2,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Trichloroethane (1,1,1) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5		
Xylenes total (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	90.0 (20.0)	

2.2.17 Papaschase Reservoir 2

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	0.7	0.7	1	0.7	0.7	(15.0)	10.0
Conductivity (µS/cm)	1	407.0	407.0	1	407.0	407.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.10	0.08 - 0.17	4	0.10	0.08 - 0.17	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0100	
Barium (mg/L)	1	0.068	0.068	1	0.068	0.068	2.000	
Boron (mg/L)	1	0.009	0.009	1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.29	0.29	1	0.29	0.29	1.00	
Chlorine total (mg/L)	4	1.92	1.86 - 1.96	4	1.92	1.86 - 1.96		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.76	0.76	1	0.76	0.76	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.10	0.10	1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.01	0.01	1	0.01	0.01	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	19.7	19.7	1	19.7	19.7	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	

2.2.17 Papaschase Reservoir 2

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	1	130.0	130.0	1	130.0	130.0		
Aluminum (mg/L)	1	0.068	0.068	1	0.068	0.068	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	1	0.08	0.08	1	0.08	0.08		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	1	<0.03	<0.03		
Calcium (mg/L)	1	52.0	52.0	1	52.0	52.0		
Calcium Hardness (mg/L CaCO ₃)	1	130.0	130.0	1	130.0	130.0		
Chloride Dissolved (mg/L)	1	5.5	5.5	1	5.5	5.5	(250.0)	
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0036	0.0036	1	0.0036	0.0036		
Magnesium (mg/L)	1	15.8	15.8	1	15.8	15.8		
Molybdenum (mg/L)	1	0.0007	0.0007	1	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.91	0.90 - 0.92	4	0.91	0.90 - 0.92		
Phosphorus (mg/L)	1	0.97	0.97	1	0.97	0.97		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.58	2.58	1	2.58	2.58		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	7.4	7.4	1	7.4	7.4	(200.0)	
Strontium (mg/L)	1	0.482	0.482	1	0.482	0.482	7.000	
Sulphate Dissolved (mg/L)	1	67.3	67.3	1	67.3	67.3	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	1	195.0	195.0	1	195.0	195.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.17 Papaschase Reservoir 2

January 2026



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

2.2.19 Rosslyn Reservoir 2

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	<0.5	<0.5	1	<0.5	<0.5	(15.0)	10.0
Conductivity (µS/cm)	1	393.0	393.0	1	393.0	393.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.09	0.08 - 0.09	4	0.09	0.08 - 0.09	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0100	
Barium (mg/L)	1	0.067	0.067	1	0.067	0.067	2.000	
Boron (mg/L)	1	0.009	0.009	1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.22	0.22	1	0.22	0.22	1.00	
Chlorine total (mg/L)	4	1.70	1.64 - 1.77	4	1.70	1.64 - 1.77		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.68	0.68	1	0.68	0.68	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.10	0.10	1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.01	0.01	1	0.01	0.01	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	20.1	20.1	1	20.1	20.1	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	

2.2.19 Rosslyn Reservoir 2

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	1	127.0	127.0	1	127.0	127.0		
Aluminum (mg/L)	1	0.072	0.072	1	0.072	0.072	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	1	0.12	0.12	1	0.12	0.12		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	1	<0.03	<0.03		
Calcium (mg/L)	1	52.2	52.2	1	52.2	52.2		
Calcium Hardness (mg/L CaCO ₃)	1	130.0	130.0	1	130.0	130.0		
Chloride Dissolved (mg/L)	1	5.5	5.5	1	5.5	5.5	(250.0)	
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0034	0.0034	1	0.0034	0.0034		
Magnesium (mg/L)	1	15.8	15.8	1	15.8	15.8		
Molybdenum (mg/L)	1	0.0007	0.0007	1	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.92	0.90 - 0.92	4	0.92	0.90 - 0.92		
Phosphorus (mg/L)	1	0.95	0.95	1	0.95	0.95		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.52	2.52	1	2.52	2.52		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	7.2	7.2	1	7.2	7.2	(200.0)	
Strontium (mg/L)	1	0.495	0.495	1	0.495	0.495	7.000	
Sulphate Dissolved (mg/L)	1	66.3	66.3	1	66.3	66.3	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	1	196.0	196.0	1	196.0	196.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.19 Rosslyn Reservoir 2

January 2026



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

2.2.20 Thorncliff Reservoir

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Physical								
Colour (TCU)	1	0.6	0.6	1	0.6	0.6	(15.0)	10.0
Conductivity (µS/cm)	1	405.0	405.0	1	405.0	405.0		
pH	1	8	8	1	8	8		7 - 8
Turbidity (NTU)	4	0.16	0.09 - 0.30	4	0.16	0.09 - 0.30	(3.00)	1.00
Primary Inorganics								
Antimony (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005	0.0060	
Arsenic (mg/L)	1	0.0002	0.0002	1	0.0002	0.0002	0.0100	
Barium (mg/L)	1	0.068	0.068	1	0.068	0.068	2.000	
Boron (mg/L)	1	0.009	0.009	1	0.009	0.009	5.000	
Bromate Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	0.010	
Cadmium (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002	0.00700	
Chlorate Dissolved (mg/L)	1	0.11	0.11	1	0.11	0.11	1.00	
Chlorine total (mg/L)	4	1.87	1.82 - 1.90	4	1.87	1.82 - 1.90		1.00 - 2.40
Chlorite Dissolved (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	1.000	
Chromium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0500	
Fluoride (mg/L)	1	0.71	0.71	1	0.71	0.71	1.50	0.60 - 0.80
Lead (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002	0.0050	
Manganese (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	0.120 (0.020)	
Mercury (µg/L)	1	<0.0050	<0.0050	1	<0.0050	<0.0050	1.0000	
Nitrate (as N) dissolved (mg/L)	1	0.10	0.10	1	0.10	0.10	10.00	
Nitrite (as N) dissolved (mg/L)	1	0.01	0.01	1	0.01	0.01	1.00	
Selenium (mg/L)	1	0.0003	0.0003	1	0.0003	0.0003	0.0500	
Uranium (mg/L)	1	0.0006	0.0006	1	0.0006	0.0006	0.0200	
Primary Organics								
Benzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Carbon Tetrachloride (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	2.0	
Dichlorobenzene (1,4) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0 (1.0)	
Dichloroethane (1,2) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Ethylbenzene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	140.0 (1.6)	
Methylene Chloride (Dichloromethane) (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	50.0	
Tetrachloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	10.0	
Toluene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	60.0 (24.0)	
Trichloroethylene (µg/L)	1	<0.5	<0.5	1	<0.5	<0.5	5.0	
Trihalomethanes (µg/L)	1	18.1	18.1	1	18.1	18.1	100.0	50.0
Vinyl Chloride (µg/L)	1	<1.0	<1.0	1	<1.0	<1.0	2.0	

2.2.20 Thorncliff Reservoir

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range	MAC (AO or OG)	EPCOR Target
Secondary Inorganics								
Alkalinity total (mg CaCO ₃ /L)	1	129.0	129.0	1	129.0	129.0		
Aluminum (mg/L)	1	0.084	0.084	1	0.084	0.084	2.900 (0.100)	
Ammonia as NH ₃ (mg/L)	1	0.12	0.12	1	0.12	0.12		
Beryllium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Bromide Dissolved (mg/L)	1	<0.03	<0.03	1	<0.03	<0.03		
Calcium (mg/L)	1	52.8	52.8	1	52.8	52.8		
Calcium Hardness (mg/L CaCO ₃)	1	132.0	132.0	1	132.0	132.0		
Chloride Dissolved (mg/L)	1	5.7	5.7	1	5.7	5.7	(250.0)	
Cobalt (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Copper (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002	2.000 (1.000)	
Iron (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(0.100)	
Lithium (mg/L)	1	0.0035	0.0035	1	0.0035	0.0035		
Magnesium (mg/L)	1	15.9	15.9	1	15.9	15.9		
Molybdenum (mg/L)	1	0.0007	0.0007	1	0.0007	0.0007		
Nickel (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Phosphate Ortho (as P) (mg/L as P)	4	0.89	0.88 - 0.90	4	0.89	0.88 - 0.90		
Phosphorus (mg/L)	1	0.94	0.94	1	0.94	0.94		
Potassium (mg/L)	1	0.8	0.8	1	0.8	0.8		
Silicon (mg/L)	1	2.54	2.54	1	2.54	2.54		
Silver (mg/L)	1	<0.00002	<0.00002	1	<0.00002	<0.00002		
Sodium (mg/L)	1	7.4	7.4	1	7.4	7.4	(200.0)	
Strontium (mg/L)	1	0.479	0.479	1	0.479	0.479	7.000	
Sulphate Dissolved (mg/L)	1	66.4	66.4	1	66.4	66.4	(500.0)	
Thallium (mg/L)	1	<0.0002	<0.0002	1	<0.0002	<0.0002		
Total Hardness (mg/L CaCO ₃)	1	197.0	197.0	1	197.0	197.0		
Vanadium (mg/L)	1	<0.0005	<0.0005	1	<0.0005	<0.0005		
Zinc (mg/L)	1	<0.005	<0.005	1	<0.005	<0.005	(5.000)	

2.2.20 Thorncliff Reservoir

January 2026



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

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Microbiologicals						
Coliforms total (MPN/100 mL)	35	146.4	36.8 - 1119.9	35	146.4	36.8 - 1119.9
Cryptosporidium (oocysts/100L)	2	1.9	1.5 - 2.3	2	2.3	1.5 - 2.3
E. coli (MPN/100 mL)	35	12.7	1.0 - 159.7	35	12.7	1.0 - 159.7
Giardia (cysts/100L)	2	51.0	33.0 - 69.0	2	51.0	33.0 - 69.0
Physical						
Colour (TCU)	62	5.1	3.8 - 16.9	62	5.1	3.8 - 16.9
Conductivity (µS/cm)	8	378.5	348.0 - 415.0	8	378.5	348.0 - 415.0
pH	2	8	8	2	8	8
Total Dissolved Solids (mg/L)	2	205.50	202.00 - 209.00	2	205.50	202.00 - 209.00
Total Suspended Solids (mg/L)	2	<1.0	<1.0	2	<1.0	<1.0
Turbidity (NTU)	62	1.44	0.78 - 4.45	62	1.44	0.78 - 4.45
Primary Inorganics						
Antimony (mg/L)	2	<0.0005	<0.0005	2	<0.0005	<0.0005
Antimony dissolved (mg/L)	2	<0.0005	<0.0005	2	<0.0005	<0.0005
Arsenic (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002
Arsenic dissolved (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002
Barium (mg/L)	2	0.066	0.066	2	0.066	0.066
Barium dissolved (mg/L)	2	0.066	0.065 - 0.066	2	0.066	0.065 - 0.066
Boron (mg/L)	2	0.009	0.009	2	0.009	0.009
Boron dissolved (mg/L)	2	0.009	0.009	2	0.009	0.009
Bromate Dissolved (mg/L)	8	<0.005	<0.005	8	<0.005	<0.005
Cadmium (mg/L)	2	<0.00002	<0.00002	2	<0.00002	<0.00002
Cadmium Dissolved (mg/L)	2	<0.00002	<0.00002	2	<0.00002	<0.00002
Chlorate Dissolved (mg/L)	8	<0.01	<0.01	8	<0.01	<0.01
Chlorine total (mg/L)	2	<0.03	<0.03	2	<0.03	<0.03
Chlorite Dissolved (mg/L)	8	<0.005	<0.005	8	<0.005	<0.005
Chromium (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002
Chromium dissolved (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002
Fluoride (mg/L)	8	0.12	0.11 - 0.14	8	0.12	0.11 - 0.14
Lead (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002
Lead dissolved (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002
Manganese (mg/L)	2	0.003	<0.002 - 0.003	2	0.003	<0.002 - 0.003
Manganese dissolved (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002
Mercury (µg/L)	2	<0.0050	<0.0050	2	<0.0050	<0.0050
Mercury dissolved (µg/L)	2	<0.0050	<0.0050	2	<0.0050	<0.0050
Nitrate (as N) dissolved (mg/L)	8	0.09	0.07 - 0.11	8	0.09	0.07 - 0.11
Nitrite (as N) dissolved (mg/L)	8	<0.01	<0.01	8	<0.01	<0.01
Selenium (mg/L)	2	0.0002	0.0002	2	0.0002	0.0002
Selenium dissolved (mg/L)	2	0.0003	0.0002 - 0.0003	2	0.0003	0.0002 - 0.0003
Uranium (mg/L)	2	0.0006	0.0005 - 0.0006	2	0.0006	0.0005 - 0.0006
Uranium dissolved (mg/L)	2	0.0006	0.0005 - 0.0006	2	0.0006	0.0005 - 0.0006

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Primary Organics						
Benzene (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Carbon Tetrachloride (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Dichlorobenzene (1,4) (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Dichloroethane (1,2) (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Ethylbenzene (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Manganese dissolved (mg/L)	1	<0.002	<0.002	1	<0.002	<0.002
Methylene Chloride (Dichloromethane) (µg/L)	62	0.5	<0.5 - 1.0	62	<1.00	<0.5 - <1.00
Tetrachloroethylene (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Toluene (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Trichloroethylene (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Trihalomethanes (µg/L)	62	<1.0	<1.0	62	<1.0	<1.0
Vinyl Chloride (µg/L)	62	0.97	<0.50 - 1.00	62	<1.0	<0.50 - <1.0

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Secondary Organics						
Bromodichloromethane (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Bromoform (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Chlorobenzene (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Chloroform (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Dibromochloromethane (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Dichlorobenzene (1,2) (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Dichlorobenzene (1,3) (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Dichloroethylene (1,1) (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Dichloroethylene cis (1,2) (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Dichloroethylene trans (1,2) (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Dichloropropane (1,2) (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Methyl Isobutyl Ketone (MIBK) (µg/L)	62	2.2	<1.0 - 20.0	62	<20	<1.0 - <20
Methyl t-Butyl Ether (MTBE) (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Styrene (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Tetrachloroethane (1,1,2,2) (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Total Organic Carbon (mg/L)	8	1.6	1.4 - 2.1	8	1.6	1.4 - 2.1
Total Volatile Organics (Non THM) (µg/L)	58	1.0	<1.0 - 1.1	58	1.0	<1.0 - 1.1
Trichlorobenzene (1,2,4) (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Trichloroethane (1,1,1) (µg/L)	62	<0.50	<0.5	62	<0.50	<0.5 - <0.50
Xylene (1,2) (µg/L)	62	0.49	<0.30 - 0.50	62	<0.5	<0.30 - <0.5
Xylene (1,4) (µg/L)	62	0.49	<0.40 - 0.50	62	<0.5	<0.40 - <0.5
Xylenes total (µg/L)	62	0.97	<0.50 - 1.00	62	<1.0	<0.50 - <1.0

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Secondary Inorganics						
Alkalinity phenolphthalein (mg CaCO ₃ /L)	2	<3	<3	2	<3	<3
Alkalinity total (mg CaCO ₃ /L)	8	129.4	125.0 - 136.0	8	129.4	125.0 - 136.0
Aluminum (mg/L)	2	0.064	0.062 - 0.065	2	0.064	0.062 - 0.065
Ammonia as NH ₃ (mg/L)	28	0.05	<0.05	28	0.05	<0.05 - 0.05
Beryllium (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002
Bromide Dissolved (mg/L)	8	<0.03	<0.03	8	<0.03	<0.03
Calcium (mg/L)	2	50.5	50.2 - 50.7	2	50.5	50.2 - 50.7
Calcium Hardness (mg/L CaCO ₃)	8	123.5	118.0 - 127.0	8	123.5	118.0 - 127.0
Chloride Dissolved (mg/L)	8	2.1	0.5 - 12.2	8	2.1	0.5 - 12.2
Cobalt (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002
Copper (mg/L)	2	0.003	<0.002 - 0.003	2	0.003	<0.002 - 0.003
Iron (mg/L)	2	0.054	0.042 - 0.066	2	0.054	0.042 - 0.066
Lithium (mg/L)	2	0.0035	0.0034 - 0.0036	2	0.0035	0.0034 - 0.0036
Magnesium (mg/L)	2	15.4	15.2 - 15.5	2	15.4	15.2 - 15.5
Molybdenum (mg/L)	2	0.0006	0.0006	2	0.0006	0.0006
Nickel (mg/L)	2	<0.0005	<0.0005	2	<0.0005	<0.0005
Nitrogen Total Kjeldahl (TKN) (mg/L N)	2	0.1	0.1	2	0.1	0.1
Phosphate Ortho (as P) (mg/L as P)	2	0.03	0.02 - 0.03	2	0.03	0.02 - 0.03
Phosphorus (mg/L)	2	<0.02	<0.02	2	<0.02	<0.02
Potassium (mg/L)	2	0.8	0.8	2	0.8	0.8
Silicon (mg/L)	2	2.29	2.25 - 2.33	2	2.29	2.25 - 2.33
Silver (mg/L)	2	<0.00002	<0.00002	2	<0.00002	<0.00002
Sodium (mg/L)	2	3.4	3.3 - 3.4	2	3.4	3.3 - 3.4
Strontium (mg/L)	2	0.470	0.467 - 0.472	2	0.470	0.467 - 0.472
Sulphate Dissolved (mg/L)	8	60.4	58.2 - 64.0	8	60.4	58.2 - 64.0
Thallium (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002
Total Hardness (mg/L CaCO ₃)	8	183.6	178.0 - 190.0	8	183.6	178.0 - 190.0
Vanadium (mg/L)	2	<0.0005	<0.0005	2	<0.0005	<0.0005
Zinc (mg/L)	2	<0.005	<0.005	2	<0.005	<0.005

2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

January 2026



Parameter (Units)	#	Mean	Range	# (YTD)	YTD Mean	YTD Range
Secondary Inorganics						
Aluminum dissolved (mg/L)	2	0.008	<0.005 - 0.011	2	0.008	<0.005 - 0.011
Beryllium dissolved (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002
Calcium dissolved (mg/L)	2	50.7	50.3 - 51.1	2	50.7	50.3 - 51.1
Cobalt dissolved (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002
Copper dissolved (mg/L)	2	0.002	<0.002	2	0.002	<0.002 - 0.002
Iron dissolved (mg/L)	2	<0.005	<0.005	2	<0.005	<0.005
Lithium dissolved (mg/L)	2	0.0035	0.0034 - 0.0035	2	0.0035	0.0034 - 0.0035
Magnesium dissolved (mg/L)	2	15.2	15.2	2	15.2	15.2
Molybdenum dissolved (mg/L)	2	0.0006	0.0006	2	0.0006	0.0006
Nickel dissolved (mg/L)	2	<0.0005	<0.0005	2	<0.0005	<0.0005
Phosphorus dissolved (mg/L)	2	<0.02	<0.02	2	<0.02	<0.02
Potassium dissolved (mg/L)	2	0.8	0.8	2	0.8	0.8
Silicon dissolved (mg/L)	2	2.21	2.20 - 2.21	2	2.21	2.20 - 2.21
Silver dissolved (mg/L)	2	<0.00002	<0.00002	2	<0.00002	<0.00002
Sodium dissolved (mg/L)	2	3.4	3.3 - 3.5	2	3.4	3.3 - 3.5
Strontium dissolved (mg/L)	2	0.469	0.465 - 0.473	2	0.469	0.465 - 0.473
Thallium dissolved (mg/L)	2	<0.0002	<0.0002	2	<0.0002	<0.0002
Titanium dissolved (mg/L)	2	<0.0005	<0.0005	2	<0.0005	<0.0005
Vanadium Dissolved (mg/L)	2	<0.0005	<0.0005	2	<0.0005	<0.0005
Zinc dissolved (mg/L)	2	<0.005	<0.005	2	<0.005	<0.005