



Small Streams Monitoring Report
Survey Date: April 24, 2025

Parameter	Unit	Sturgeon Creek @ Perimeter	Sturgeon Creek @ Portage Ave	Truro Creek @ Portage Ave	Omands Creek @ Portage Ave	La Salle River @ Hwy 75	Seine River @ Hwy 59	Seine River @ Provencher Blvd	Bunns Creek @ Bonner Ave
Sample Number		746446	746447	746450	746445	746444	746448	746449	746443
Temperature	° C	8.4	9.5	6.2	7.2	10.0	8.8	7.8	6.3
pH	units	7.74	8.04	7.71	7.83	8.59	8.34	8.44	8.03
Dissolved Oxygen	mg/L	9.8	11.0	8.6	8.5	13.3	11.4	11.8	10.0
Oxygen Saturation	%	82	95	69	70	116	97	98	80
Biochemical Oxygen Demand	mg/L	7	<4	<4	4	<4	<4	<4	7
Total Solids	mg/L	510	590	570	610	288	340	420	818
Total Suspended Solids	mg/L	16	18	4	17	25	25	22	34
Turbidity	n.t.u.	17	22	3	14	25	18	15	13
Chlorophyll a	ug/L	10.0	12.7	4.7	<1.0	26.7	5.3	29.4	61.4
Total Organic Carbon	mg/L	19.2	17.1	14.3	15.1	9.3	11.7	13.1	13.2
Total Nitrogen	mg/L N	1.0	1.2	0.6	1.0	0.4	0.3	0.7	1.1
Ammonia Nitrogen	mg/L N	0.014	0.013	0.016	<0.003	<0.003	<0.003	<0.003	0.050
Nitrate Nitrogen	mg/L N	0.080	0.174	0.103	0.281	0.087	0.018	0.176	<0.004
Soluble Phosphorus	mg/L P	0.36	0.32	0.08	0.17	0.17	0.06	0.09	0.08
Total Phosphorus	mg/L P	0.42	0.36	0.13	0.22	0.24	0.08	0.14	0.21
Escherichia coli	MPN/100 mL	<10	1,460	10	100	<10	<10	460	<10
Fecal Coliform	MPN/100 mL	<10	780	<10	80	<10	20	340	10

Notes: ns - no sample na - not analyzed nr - not recorded or no result

Weather conditions during monitoring:

Wind Direction: South West (SW)
Wind Speed: 5 km/h
Cloud Coverage: 10 %
Precipitation: 0.7 mm
Air Temperature: 11 °C

Report Date: July 18, 2025