



Small Streams Monitoring Report
Survey Date: November 7, 2024

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		704991	704992	704995	704990	704989	704993	704994	704988
Temperature	° C	4.1	3.8	2.9	3.2	2.9	2.9	2.9	4.1
pH	units	7.64	7.94	7.88	8.29	8.48	8.43	8.35	8.22
Dissolved Oxygen	mg/L	11.2	10.4	11.1	11.5	13.4	13.6	12.8	10.3
Oxygen Saturation	%	85	78	82	85	99	99	94	79
Biochemical Oxygen Demand	mg/L	<3	4	<3	<3	<3	<3	<3	5
Total Solids	mg/L	1,450	692	456	820	872	430	538	770
Total Suspended Solids	mg/L	8	8	4	9	15	16	31	14
Turbidity	n.t.u.	5	12	5	9	11	18	26	11
Chlorophyll a	ug/L	15.5	10.1	<1.0	10.1	8.0	6.4	16.0	34.7
Total Organic Carbon	mg/L	7.0	7.5	7.9	7.3	16.4	15.5	14.8	13.2
Total Nitrogen	mg/L N	1.1	0.7	0.8	3.6	2.0	0.9	1.8	1.9
Ammonia Nitrogen	mg/L N	0.071	0.012	0.031	0.024	0.029	0.018	0.042	0.058
Nitrate Nitrogen	mg/L N	0.096	0.155	0.153	2.440	0.017	0.011	0.454	0.116
Soluble Phosphorus	mg/L P	0.02	0.10	0.05	0.04	0.36	0.05	0.10	0.03
Total Phosphorus	mg/L P	0.04	0.17	0.06	0.06	0.47	0.08	0.17	0.11
Escherichia coli	MPN/100 mL	10	960	110	100	120	40	2,720	170
Fecal Coliform	MPN/100 mL	20	1,110	110	80	70	20	3,870	230

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

Weather conditions during monitoring:

Wind Direction: South West (SW)

Wind Speed: 16 km/h

Cloud Coverage: 10 %

Precipitation: <0.1 mm

Air Temperature: 3 °C

Report Date: February 19, 2025