



Small Streams Monitoring Report
Survey Date: August 13, 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		775828	775829	775832	775827	775826	775830	775831	775825
Temperature	°C	18.1	19.8	16.8	18.4	22.6	19.1	18.9	17.8
pH	units	7.53	8.15	7.65	7.56	8.10	8.07	8.49	7.48
Dissolved Oxygen	mg/L	6.2	9.7	6.1	5.3	8.5	8.4	10.5	4.8
Oxygen Saturation	%	66	105	63	56	98	91	112	50
Biochemical Oxygen Demand	mg/L	<4	<4	5	<4	<4	<4	14	4
Total Solids	mg/L	1,490	920	554	642	804	454	506	654
Total Suspended Solids	mg/L	<3	<3	5	<3	39	23	27	11
Turbidity	n.t.u.	<1	2	3	2	29	25	25	8
Chlorophyll a	ug/L	12.8	2.7	1.6	4.3	32.6	9.1	122.0	40.1
Total Organic Carbon	mg/L	6.9	8.7	10.8	10.8	17.0	14.6	14.4	11.5
Total Nitrogen	mg/L N	0.2	0.7	0.8	0.6	1.3	0.7	1.2	1.6
Ammonia Nitrogen	mg/L N	0.020	0.037	0.033	0.054	0.015	<0.003	<0.003	0.322
Nitrate Nitrogen	mg/L N	0.018	0.129	0.067	0.048	0.169	0.022	0.090	0.106
Soluble Phosphorus	mg/L P	0.09	0.20	0.18	0.24	0.28	0.06	0.18	0.24
Total Phosphorus	mg/L P	0.11	0.21	0.22	0.28	0.40	0.11	0.41	0.27
Escherichia coli	MPN/100 mL	60	160	400	5,170	270	290	100	360
Fecal Coliform	MPN/100 mL	30	80	310	5,790	150	340	170	290

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

Weather conditions during monitoring:

Wind Direction: North (N)
 Wind Speed: 3 km/h
 Cloud Coverage: 35 %
 Precipitation: <0.1 mm
 Air Temperature: 18 °C

Report Date: December 01, 2025