



Small Streams Monitoring Report
Survey Date: June 5, 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		757108	757109	757112	757107	757106	757110	757111	757105
Temperature	° C	14.6	ns	14.2	13.2	19.1	16.3	16.4	ns
pH	units	8.12	ns	7.91	7.95	9.00	8.12	8.06	ns
Dissolved Oxygen	mg/L	11.0	ns	7.9	8.0	13.0	8.8	7.7	ns
Oxygen Saturation	%	107	ns	76	76	142	89	78	ns
Biochemical Oxygen Demand	mg/L	5	ns	<4	<4	7	<4	<4	ns
Total Solids	mg/L	na	ns	1,670	na	460	408	370	ns
Total Suspended Solids	mg/L	<3	ns	<3	5	36	77	33	ns
Turbidity	n.t.u.	2	ns	<1	4	24	57	26	ns
Chlorophyll a	ug/L	<1.0	ns	2.7	8.8	99.9	10.1	4.5	ns
Total Organic Carbon	mg/L	10.9	ns	12.8	16.7	17.2	17.3	16.7	ns
Total Nitrogen	mg/L N	0.3	ns	0.5	1.0	3.2	0.7	0.4	ns
Ammonia Nitrogen	mg/L N	<0.003	ns	<0.003	0.017	<0.003	0.009	0.014	ns
Nitrate Nitrogen	mg/L N	0.009	ns	0.009	0.076	1.750	0.047	0.027	ns
Soluble Phosphorus	mg/L P	0.20	ns	0.09	0.15	0.23	0.07	0.11	ns
Total Phosphorus	mg/L P	0.27	ns	0.12	0.31	0.42	0.14	0.17	ns
Escherichia coli	MPN/100 mL	50	ns	310	230	30	120	320	ns
Fecal Coliform	MPN/100 mL	10	ns	310	290	20	130	280	ns

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

Weather conditions during monitoring:

Wind Direction: North-North East (NNE)
Wind Speed: 7 km/h
Cloud Coverage: 50 %
Precipitation: <0.1 mm
Air Temperature: 17 °C

Report Date: July 18, 2025