



Small Streams Monitoring Report
Survey Date: October 10, 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		697617	697618	697621	697616	697615	697619	697620	697614
Temperature	° C	10.0	11.3	10.6	12.0	12.6	11.2	11.0	10.4
pH	units	7.61	8.22	7.74	8.06	8.49	8.17	8.10	7.76
Dissolved Oxygen	mg/L	8.8	9.8	6.6	7.0	11.0	9.5	8.7	6.5
Oxygen Saturation	%	78	84	59	64	103	87	79	58
Biochemical Oxygen Demand	mg/L	<3	<3	<3	<3	4	<3	<3	nr
Total Solids	mg/L	1,500	1,370	622	1,160	748	316	364	378
Total Suspended Solids	mg/L	4	5	9	14	33	23	60	33
Turbidity	n.t.u.	5	4	5	12	23	21	51	29
Chlorophyll a	ug/L	1.1	<1.0	3.7	1.1	41.7	1.1	2.1	9.6
Total Organic Carbon	mg/L	4.6	8.8	10.3	8.2	16.1	15.2	15.3	6.3
Total Nitrogen	mg/L N	0.5	2.3	1.6	1.1	1.5	1.3	0.9	3.1
Ammonia Nitrogen	mg/L N	0.070	<0.003	0.022	0.160	0.005	<0.003	0.037	0.633
Nitrate Nitrogen	mg/L N	0.013	0.865	0.028	0.266	0.007	0.010	0.064	0.353
Soluble Phosphorus	mg/L P	0.02	0.05	0.14	0.08	0.36	0.08	0.11	0.31
Total Phosphorus	mg/L P	0.03	0.08	0.19	0.14	0.49	0.11	0.14	0.42
Escherichia coli	MPN/100 mL	30	140	10	180	200	60	190	200
Fecal Coliform	MPN/100 mL	10	230	<10	120	330	50	100	130

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

Weather conditions during monitoring:

Wind Direction: None
Wind Speed: 0 km/h
Cloud Coverage: 100 %
Precipitation: <0.1 mm
Air Temperature: 13 °C

Report Date: February 14, 2025