



Small Streams Monitoring Report
Survey Date: June 20, 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		669607	669608	669611	669606	669605	669609	669610	669604
Temperature	° C	19.2	19.5	20.4	20.8	19.2	16.9	18.2	18.6
pH	units	7.63	7.78	7.70	7.71	8.20	8.05	8.05	8.32
Dissolved Oxygen	mg/L	6.9	7.8	7.4	6.5	8.3	8.0	7.6	9.9
Oxygen Saturation	%	74	84	81	72	88	82	80	104
Biochemical Oxygen Demand	mg/L	nr	nr	nr	nr	4	<3	<3	nr
Total Solids	mg/L	636	708	592	548	460	496	604	660
Total Suspended Solids	mg/L	8	23	<3	<3	23	43	63	7
Turbidity	n.t.u.	36	35	3	3	28	33	48	6
Chlorophyll a	ug/L	8.0	7.2	2.7	1.1	37.8	4.5	7.1	31.8
Total Organic Carbon	mg/L	18.7	19.9	24.3	12.9	16.0	19.5	16.7	12.6
Total Nitrogen	mg/L N	3.7	2.6	1.5	1.6	2.6	4.8	2.4	1.6
Ammonia Nitrogen	mg/L N	0.063	0.067	0.046	0.015	0.029	0.033	0.059	0.018
Nitrate Nitrogen	mg/L N	1.650	1.430	0.047	0.033	0.328	2.460	0.651	0.036
Soluble Phosphorus	mg/L P	0.71	0.64	0.10	0.34	0.45	0.16	0.17	0.19
Total Phosphorus	mg/L P	0.73	0.67	0.15	0.37	0.56	0.23	0.24	0.27
Escherichia coli	MPN/100 mL	100	320	70	40	10	110	740	<10
Fecal Coliform	MPN/100 mL	130	280	100	30	50	120	720	<10

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

Weather conditions during monitoring:

Wind Direction: South-South West (SSW)
Wind Speed: 7 km/h
Cloud Coverage: 10 %
Precipitation: 0.3 mm
Air Temperature: 23 °C

Report Date: September 24, 2024