



Small Streams Monitoring Report

Survey Date: July 18, 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		676576	676577	676580	676575	676574	676578	676579	676573
Temperature	° C	20.0	20.9	18.0	20.4	24.9	19.9	20.2	19.4
pH	units	7.58	7.83	7.61	7.47	7.73	8.12	7.86	7.84
Dissolved Oxygen	mg/L	6.0	7.6	5.1	2.4	6.3	7.8	6.3	2.5
Oxygen Saturation	%	65	84	54	26	75	84	69	27
Biochemical Oxygen Demand	mg/L	<3	<3	<3	<3	<3	<3	<3	3
Total Solids	mg/L	602	656	534	580	494	452	456	756
Total Suspended Solids	mg/L	16	27	<3	5	21	71	49	7
Turbidity	n.t.u.	20	26	1	2	21	50	37	4
Chlorophyll a	ug/L	6.0	6.7	<1.0	2.7	21.4	1.3	3.3	60.9
Total Organic Carbon	mg/L	18.7	17.7	17.1	15.7	18.1	20.0	20.2	15.5
Total Nitrogen	mg/L N	1.6	1.8	0.9	0.5	1.7	1.3	1.2	1.1
Ammonia Nitrogen	mg/L N	0.049	0.072	0.038	<0.003	0.081	0.008	0.007	0.036
Nitrate Nitrogen	mg/L N	0.331	0.649	0.112	0.026	0.459	0.089	0.229	0.058
Soluble Phosphorus	mg/L P	0.66	0.63	0.26	0.47	0.71	0.17	0.25	0.27
Total Phosphorus	mg/L P	0.77	0.80	0.30	0.54	0.85	0.24	0.36	0.41
Escherichia coli	MPN/100 mL	<10	<10	<10	270	10	80	1,380	100
Fecal Coliform	MPN/100 mL	30	<10	<10	210	10	140	2,480	250

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

Weather conditions during monitoring:

Wind Direction: South West (SW)

Wind Speed: 7 km/h

Cloud Coverage: 0 %

Precipitation: <0.1 mm

Air Temperature: 21 °C

Report Date: October 01, 2024