



Small Streams Monitoring Report
Survey Date: May 9, 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		658620	658621	658624	658619	658618	658622	658623	658617
Temperature	°C	15.5	15.3	11.8	14.4	15.9	14.6	14.2	11.9
pH	units	7.97	8.24	7.72	7.84	8.43	8.29	8.32	8.22
Dissolved Oxygen	mg/L	9.4	10.6	7.1	8.2	9.6	9.6	9.1	6.1
Oxygen Saturation	%	94	106	65	80	96	94	88	57
Biochemical Oxygen Demand	mg/L	<3	<3	<3	<3	<3	<3	<3	<3
Total Solids	mg/L	774	900	842	840	428	460	550	1,120
Total Suspended Solids	mg/L	4	9	3	4	10	17	21	8
Turbidity	n.t.u.	6	9	2	6	8	20	17	5
Chlorophyll a	ug/L	2.7	10.7	2.3	1.7	3.3	nr	16.0	10.2
Total Organic Carbon	mg/L	21.0	18.8	17.4	16.2	15.7	20.6	20.4	18.7
Total Nitrogen	mg/L N	2.4	2.2	1.9	1.8	2.0	2.1	2.1	2.5
Ammonia Nitrogen	mg/L N	<0.003	0.017	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Nitrate Nitrogen	mg/L N	0.018	0.060	<0.004	0.023	<0.004	0.008	0.020	0.040
Soluble Phosphorus	mg/L P	0.30	0.24	0.09	0.12	0.23	0.06	0.09	0.10
Total Phosphorus	mg/L P	0.39	0.32	0.14	0.18	0.32	0.11	0.15	0.20
Escherichia coli	MPN/100 mL	<10	180	<10	<10	<10	40	1,220	<10
Fecal Coliform	MPN/100 mL	<10	160	<10	10	<10	20	880	<10

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: 5 %
 Precipitation: <0.1 mm
 Air Temperature: 16 °C

Report Date: June 12, 2024