



Small Streams Monitoring Report
Survey Date: May 7, 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		749336	749337	749340	749335	749334	749338	749339	749333
Temperature	° C	13.3	14.2	9.9	11.0	16.3	13.9	13.2	10.5
pH	units	7.91	8.38	7.79	7.88	8.21	8.21	8.20	7.94
Dissolved Oxygen	mg/L	11.7	11.4	8.2	8.5	9.3	9.8	9.1	6.4
Oxygen Saturation	%	110	110	72	76	94	94	86	56
Biochemical Oxygen Demand	mg/L	<4	<4	4	4	5	<4	<4	<4
Total Solids	mg/L	874	928	742	998	406	414	448	1,050
Total Suspended Solids	mg/L	10	20	9	9	43	28	21	23
Turbidity	n.t.u.	7	13	5	6	37	22	17	15
Chlorophyll a	ug/L	15.4	28.7	46.1	16.7	14.7	5.3	14.0	29.4
Total Organic Carbon	mg/L	14.0	14.1	13.6	13.7	9.4	13.3	14.6	12.6
Total Nitrogen	mg/L N	0.7	0.6	0.8	1.4	0.6	0.4	0.6	2.0
Ammonia Nitrogen	mg/L N	<0.003	<0.003	<0.003	<0.003	0.014	<0.003	0.004	0.375
Nitrate Nitrogen	mg/L N	0.006	0.018	0.008	0.042	0.037	0.010	0.032	0.226
Soluble Phosphorus	mg/L P	0.18	0.19	0.10	0.12	0.17	0.07	0.10	0.19
Total Phosphorus	mg/L P	0.27	0.31	0.20	0.24	0.22	0.09	0.15	0.29
Escherichia coli	MPN/100 mL	30	240	40	290	10	80	540	160
Fecal Coliform	MPN/100 mL	10	400	50	250	50	60	670	80

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

Weather conditions during monitoring:

Wind Direction: East-North East (ENE)
Wind Speed: 11 km/h
Cloud Coverage: 1 %
Precipitation: 0.1 mm
Air Temperature: 10 °C

Report Date: July 18, 2025