



Small Streams Monitoring Report  
Survey Date: October 22, 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		793195	793196	793199	793194	793193	793197	793198	793192
Temperature	°C	6.3	7.8	6.5	6.7	8.0	7.0	6.9	7.5
pH	units	7.61	7.85	7.77	7.80	7.75	8.08	8.00	7.93
Dissolved Oxygen	mg/L	8.0	10.0	9.9	9.6	9.8	10.7	10.6	9.4
Oxygen Saturation	%	65	84	81	78	83	88	96	78
Biochemical Oxygen Demand	mg/L	7	8	11	9	11	13	13	6
Total Solids	mg/L	976	692	490	794	448	534	582	768
Total Suspended Solids	mg/L	3	15	4	4	26	17	32	27
Turbidity	n.t.u.	5	16	4	5	53	17	27	17
Chlorophyll a	ug/L	1.1	5.3	1.6	2.1	4.8	1.6	10.7	34.2
Total Organic Carbon	mg/L	16.8	14.0	11.5	11.3	21.6	19.3	16.3	9.8
Total Nitrogen	mg/L N	1.0	0.7	0.3	1.1	1.6	0.5	1.5	0.7
Ammonia Nitrogen	mg/L N	0.066	0.092	0.009	0.015	0.059	0.027	0.170	0.082
Nitrate Nitrogen	mg/L N	0.176	0.190	0.106	0.964	0.472	0.046	0.631	0.283
Soluble Phosphorus	mg/L P	0.31	0.25	0.04	0.04	0.43	0.10	0.18	0.04
Total Phosphorus	mg/L P	0.38	0.37	0.06	0.08	0.60	0.15	0.32	0.12
Escherichia coli	MPN/100 mL	18	1,120	108	120	140	248	548	411
Fecal Coliform	MPN/100 mL	nr	nr	nr	nr	nr	nr	nr	nr

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

Weather conditions during monitoring:

Wind Direction: North-North West (NNW)  
 Wind Speed: 6 km/h  
 Cloud Coverage: 98 %  
 Precipitation: 1.7 mm  
 Air Temperature: 4 °C

Report Date: December 01, 2025