



Rivers Monitoring Report  
Survey Date: October 1, 2025

Parameter	Unit	Assiniboine River				Red River						
		Headingly Bridge	West Perimeter Bridge	Assiniboine Park Foot Bridge	Main Street Bridge	South Floodway Control	South Perimeter Bridge	Fort Garry Bridge	Norwood Bridge	Redwood Bridge	North Perimeter Bridge	Lockport Bridge
Sample Number		788270	788272	788269	788271	788274	788280	788275	788278	788279	788277	788276
Temperature	° C	19.3	19.9	19.0	18.7	19.2	19.4	19.5	18.8	18.4	18.2	18.4
pH	units	8.57	8.58	8.54	8.49	8.39	8.39	8.34	8.26	8.31	8.21	8.23
Dissolved Oxygen	mg/L	10.2	10.2	9.6	8.8	9.1	9.1	8.3	8.5	8.6	8.4	9.2
Oxygen Saturation	%	110	111	104	94	98	98	96	91	91	88	98
Biochemical Oxygen Demand	mg/L	4	<4	5	5	<4	<4	<4	<4	<4	<4	4
Total Solids	mg/L	748	792	796	732	902	918	916	874	838	822	834
Total Suspended Solids	mg/L	85	115	108	54	33	26	25	23	29	31	18
Turbidity	n.t.u.	50	66	60	34	23	18	19	17	19	21	15
Chlorophyll a	ug/L	54.3	56.1	92.1	58.7	10.7	10.7	6.9	3.6	16.9	10.7	7.1
Total Organic Carbon	mg/L	9.8	9.3	9.8	10.4	11.8	12.1	12.1	12.5	12.5	11.6	12.0
Total Nitrogen	mg/L N	0.9	0.7	0.9	1.2	1.3	1.3	1.4	1.4	1.4	1.6	1.7
Ammonia Nitrogen	mg/L N	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.016	0.053	0.046	0.314	0.377
Nitrate Nitrogen	mg/L N	0.013	<0.004	0.014	0.019	0.325	0.318	0.422	0.507	0.382	0.409	0.457
Soluble Phosphorus	mg/L P	0.10	0.11	0.13	0.11	0.21	0.22	0.22	0.26	0.23	0.26	0.31
Total Phosphorus	mg/L P	0.26	0.30	0.30	0.22	0.24	0.25	0.25	0.29	0.28	0.29	0.35
Escherichia coli	MPN/100 mL	420	790	880	650	460	250	130	70	440	638	63
Fecal Coliform	MPN/100 mL	880	1,050	820	690	280	310	280	190	340	nr	80

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: 28 km/h  
 Cloud Coverage: 35 %  
 Precipitation: 8.3 mm  
 Air Temperature: 23 °C

Report Date:

November 28, 2025