



Rivers Monitoring Report  
Survey Date: August 20, 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		777711	777713	777710	777712	777715	777721	777716	777719	777720	777718	777717
Temperature	° C	21.5	21.4	20.6	21.8	23.2	23.6	23.7	22.3	22.3	22.0	21.7
pH	units	8.57	8.55	8.45	8.43	7.97	7.96	7.95	7.97	7.97	7.94	7.96
Dissolved Oxygen	mg/L	9.3	9.0	8.5	8.1	7.5	7.3	7.3	7.5	7.3	7.1	8.7
Oxygen Saturation	%	104	100	94	92	86	85	85	85	82	80	98
Biochemical Oxygen Demand	mg/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Total Solids	mg/L	766	738	734	754	1,110	1,070	1,110	936	798	816	812
Total Suspended Solids	mg/L	51	55	49	53	394	253	387	205	116	96	111
Turbidity	n.t.u.	31	33	33	36	209	168	207	137	79	69	87
Chlorophyll a	ug/L	26.7	17.8	15.1	21.4	2.7	4.0	4.0	2.7	4.0	4.5	3.6
Total Organic Carbon	mg/L	9.5	9.6	8.5	9.0	11.4	14.4	12.6	12.3	11.1	11.5	11.6
Total Nitrogen	mg/L N	0.8	0.5	1.0	0.5	1.9	2.0	1.7	1.8	2.7	1.4	2.1
Ammonia Nitrogen	mg/L N	<0.003	<0.003	0.058	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.114	0.137
Nitrate Nitrogen	mg/L N	<0.004	0.016	0.022	0.022	0.885	0.879	0.827	0.850	0.818	0.844	1.060
Soluble Phosphorus	mg/L P	0.06	0.07	0.09	0.08	0.26	0.26	0.26	0.26	0.25	0.26	0.26
Total Phosphorus	mg/L P	0.18	0.17	0.19	0.20	0.50	0.41	0.47	0.39	0.32	0.32	0.34
Escherichia coli	MPN/100 mL	60	70	60	790	10	40	40	10	150	150	570
Fecal Coliform	MPN/100 mL	100	60	140	1,550	<10	20	50	50	120	220	620

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

Weather conditions during monitoring:

Wind Direction: North (N)  
 Wind Speed: 4 km/h  
 Cloud Coverage: 95 %  
 Precipitation: <0.1 mm  
 Air Temperature: 21 °C

Report Date:

November 28, 2025