



Rivers Monitoring Report
Survey Date: August 6, 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		774273	774275	774272	774274	774277	774283	774278	774281	774282	774280	774279
Temperature	° C	22.8	22.5	22.0	22.9	23.9	23.9	24.0	23.7	23.4	23.4	23.7
pH	units	8.41	8.32	8.33	8.38	8.16	8.18	8.19	8.01	8.05	8.01	8.06
Dissolved Oxygen	mg/L	7.6	8.1	7.9	7.4	7.3	7.4	7.4	7.2	7.2	7.2	8.3
Oxygen Saturation	%	87	92	89	85	85	87	86	84	84	84	97
Biochemical Oxygen Demand	mg/L	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4
Total Solids	mg/L	806	758	794	758	1,080	994	980	988	838	804	808
Total Suspended Solids	mg/L	53	55	63	62	308	121	137	179	55	79	43
Turbidity	n.t.u.	31	33	37	38	144	76	88	126	44	49	30
Chlorophyll a	ug/L	19.8	20.8	13.9	17.1	3.2	2.7	2.7	3.2	3.7	2.7	2.1
Total Organic Carbon	mg/L	10.9	11.4	11.6	11.8	13.7	13.8	13.9	13.9	12.5	12.8	12.6
Total Nitrogen	mg/L N	0.4	0.6	0.4	0.5	1.6	1.5	1.6	1.7	2.2	1.8	1.8
Ammonia Nitrogen	mg/L N	<0.003	<0.003	<0.003	0.030	<0.003	<0.003	0.006	0.010	0.026	0.130	0.132
Nitrate Nitrogen	mg/L N	0.020	0.026	0.026	0.039	0.795	0.774	0.814	0.829	0.776	0.792	0.860
Soluble Phosphorus	mg/L P	0.03	0.03	0.03	0.06	0.18	0.19	0.17	0.18	0.17	0.18	0.19
Total Phosphorus	mg/L P	0.17	0.17	0.16	0.21	0.37	0.27	0.30	0.36	0.27	0.27	0.26
Escherichia coli	MPN/100 mL	20	300	130	24,200	10	10	220	200	370	770	70
Fecal Coliform	MPN/100 mL	20	300	240	>24,200	60	20	300	370	390	930	90

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

Weather conditions during monitoring:

Wind Direction: North West (NW)
 Wind Speed: 2 km/h
 Cloud Coverage: 95 %
 Precipitation: 2.2 mm
 Air Temperature: 20 °C

Report Date:

November 03, 2025