

Assiniboine

Set 1: 30-Apr-15

Sample ID	Unit	1	2	3	4	5
Ammonia	mg/L N	4.21	2.97	2.07	2.01	2.35
BOD	mg/L	225	294	112	88	49
Nitrate-N	mg/L N	0.432	0.423	0.442	0.339	0.353
Nitrate + Nitrite	mg/L N	0.521	0.514	0.483	0.369	0.386
Nitrite-N	mg/L N	0.089	0.091	0.040	0.030	0.033
Total Phosphorus	mg/L P	3.71	6.14	3.55	2.13	1.19
Total Kjeldahl Nitrogen	mg/L N	19.7	37.7	15.5	9.2	7.0
Total Nitrogen	mg/L N	20.2	38.2	16.0	9.5	7.4
Total Suspended Solids	mg/L	1070	2090	1240	900	536
E.Coli	MPN/100 mL	2,250,000	2,760,000	1,920,000	609,000	275,000
Fecal Coliform	MPN/100 mL	5,170,000	7,270,000	4,110,000	1,310,000	1,050,000
Temperature	°C	10.7	10.7	11	11	11
pH	units	7.35	7.4	7.75	7.82	8.11
Conductivity	mS/cm	929	640	441	335	291

Set 1: 28-Jul-15

Sample ID	Unit	1	2	3	4	5	6	7	8	9
Ammonia	mg/L N	1.91	0.68	0.226	0.429	0.95	1.67	3.28	1.53	2.3
BOD	mg/L	53	20	9.5	10.5	11.9	15.3	21.7	38.3	24.5
Nitrate-N	mg/L N	0.02	0.176	0.1	0.143	0.228	0.306	0.526	2.64	1.69
Nitrate + Nitrite	mg/L N	0.07	0.19	0.1	0.154	0.243	0.33	0.565	2.81	2.22
Nitrite-N	mg/L N	0.01	0.014	0.01	0.01	0.015	0.024	0.039	0.166	0.53
Total Phosphorus	mg/L P	1.13	0.436	0.418	0.558	0.56	0.768	1.01	0.826	0.802
Total Kjeldahl Nitrogen	mg/L N	6.6	2.56	2.18	2.82	3.3	4.7	6.94	5.68	5.64
Total Nitrogen	mg/L N	6.6	2.75	2.28	2.97	3.54	5.03	7.5	8.49	7.86
Total Suspended Solids	mg/L	688	246	326	423	330	298	245	233	79
E.Coli	MPN/100 mL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fecal Coliform	MPN/100 mL	8,160,000	2,720,000	563,000	2,010,000	3,450,000	4,610,000	6,130,000	19,900,000	14,100,000
Temperature	°C	22	22	22	22	22	21.9	21.9	21.9	21.8
pH	units	7.63	7.82	8.12	8.15	8.13	8.02	7.91	7.77	7.65
Conductivity	mS/cm	215	126	72	104	140	188	260	362	385

	Less than (minimum detection)
	Greater than (maximum detection)