Winnipeg | Water and Waste / Eaux et déchets

South End Water Pollution Control Centre
Final Effluent Monitoring Report
May 2025

Licence # 2716RR	File # 1069.1	24 Hour Composite										Grab Sample		
Date	Raw Sewage Daily Flow	TSS		BOD5		cBOD5		Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	E.Coli
	ML	(mg/L)	(mg/L)*	(mg/L)	(mg/L)*	(mg/L)	(mg/L)*	(kg NH3-N/day)	(mg/L-P)	(mg/L-P)*	(mg/L-N)*	(°C)	(units)	MPN/100 mL
01-May-25	57.2	<3	2	4	4	<4	2	120.1	0.67	0.35	11.0	14.8	7.24	10
02-May-25	57.4	<3	2	4	4	<4	2	196.4	0.72	0.37	11.0	15.0	7.21	10
03-May-25	57.2	<3	2	6	4	<4	2	258.2	1.17	0.41	11.1	15.0	7.17	10
04-May-25	58.8	<3	2	6	4	<4	2	312.9	1.54	0.46	11.3	15.3	7.25	50
05-May-25	63.9	3	2	7	4	<4	2	480.2	2.52	0.54	11.5	15.4	7.25	10
06-May-25	55.9	3	2	7	4	<4	2	543.9	1.60	0.59	11.8	15.4	7.22	20
07-May-25	60.6	4	2	9	5	<4	2	782.0	1.54	0.64	12.2	15.1	7.18	<10
08-May-25	55.6	4	2	11	5	<4	2	739.1	0.49	0.66	12.5	15.3	7.22	60
09-May-25	55.5	4	2	8	5	<4	2	516.3	0.22	0.67	12.7	15.4	7.42	10
10-May-25	56.3	3	2	7	5	<4	2	439.7	0.17	0.67	12.8	15.6	7.37	<10
11-May-25	57.5	<3	2	6	5	<4	2	280.6	0.07	0.67	12.8	16.2	7.50	80
12-May-25	57.1	na	2	na	5	na	2	na	na	0.69	12.9	16.2	7.26	180
13-May-25	55.6	3	2	4	5	<4	2	31.2	0.04	0.69	12.8	16.8	7.43	<10
14-May-25	54.5	<3	2	<4	5	<4	2	7.3	0.05	0.68	12.8	16.8	7.33	20
15-May-25	73.2	<3	2	<4	5	<4	2	45.9	0.05	0.68	12.8	16.8	7.20	10
16-May-25	95.7	3	2	5	5	<4	2	181.8	0.05	0.63	12.7	16.2	7.30	<10
17-May-25	72.9	<3	2	<4	5	<4	2	28.3	0.03	0.59	12.5	14.5	7.26	<10
18-May-25	65.4	<3	2	<4	5	<4	2	20.3	0.03	0.59	12.5	15.0	7.40	<10
19-May-25	65.3	<3	2	<4	5	<4	2	36.1	0.05	0.58	12.4	15.0	7.45	<10
20-May-25	63.8	<3	2	<4	5	<4	2	16.9	0.08	0.58	12.4	14.6	7.37	<10
21-May-25	60.3	<3	2	<4	5	<4	2	1.3	0.03	0.58	12.4	15.1	7.34	20
22-May-25	60.3	<3	2	<4	4	<4	2	0.8	0.03	0.57	12.4	15.3	7.37	<10
23-May-25	58.5	<3	2	<4	4	<4	2	1.8	0.03	0.56	12.5	15.7	7.42	10
24-May-25	58.5	<3	2	<4	4	<4	2	1.3	0.04	0.56	12.6	16.0	7.31	10
25-May-25	59.8	<3	2	<4	4	<4	2	19.0	0.10	0.56	12.6	16.0	7.44	10
26-May-25	58.4	<3	2	<4	4	<4	2	2.1	0.05	0.55	12.7	16.1	7.30	<10
27-May-25	58.7	<3	2	<4	4	<4	2	6.2	0.05	0.54	12.7	16.4	7.31	150
28-May-25	57.8	<3	2	<4	4	<4	2	1.6	0.07	0.53	12.7	16.5	7.27	<10
29-May-25	55.8	<3	2	<4	4	<4	2	2.7	0.05	0.52	12.8	16.8	7.33	10
30-May-25	56.6	<3	2	<4	4	<4	2	3.6	0.06	0.51	12.7	16.8	7.30	10
31-May-25	56.1	<3	2	<4	4	<4	2	3.1	0.06	0.48	12.7	17.1	7.38	<10
Max:	95.7													
Min:	54.5													
Average:	**60.7**	**<3**		**<4**		**<4**		**169.4**	**0.39**			**15.7**	**7.32**	
Total Flow:	1,880.2													
Geo.Mean:														**12**

Notes:

(1) Effluent ammonia load based upon Raw Sewage flows and Final NH3-N concentrations

(2) nr - not recorded or no result; na - not analyzed; ns - no sample; o/l - offline; im - instrument maintenance

(3) Where value is expressed as less than (<), the value is halved and used in the calculations

(4) * = 30 day rolling average

Report Date: June 27, 2025