



West End Water Pollution Control Centre
Final Effluent Monitoring Report
December 2024

Licence # 2669 E RR	File # 53.1	24 Hour Composite						Grab Sample			
Date	Final Effluent Daily Flow	TSS	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
	ML	(mg/L)	(mg/L)	(kg NH3-N/day)	(mg/L-P)	(mg/L-P)*	(mg/L-N)*	(°C)	(units)	MPN/100 mL	
01-Dec-24	24.3	11	9	6.5	0.24	0.42	4.3	1.5	8.42	10	20
02-Dec-24	24.1	10	8	7.5	0.25	0.42	4.4	2.1	8.30	10	<10
03-Dec-24	23.8	16	9	8.1	0.28	0.42	4.4	1.8	8.34	<10	<10
04-Dec-24	23.6	11	9	8.6	0.28	0.42	4.5	1.7	8.28	<10	<10
05-Dec-24	23.4	11	8	8.9	0.31	0.42	4.6	1.6	8.28	10	10
06-Dec-24	23.1	14	8	9.1	0.32	0.43	4.6	2.5	8.34	10	10
07-Dec-24	23.5	16	8	11.1	0.33	0.43	4.7	2.2	8.37	<10	10
08-Dec-24	23.6	11	8	11.8	0.34	0.43	4.8	2.3	8.09	<10	<10
09-Dec-24	23.4	9	7	12.7	0.35	0.44	4.8	2.0	7.99	<10	<10
10-Dec-24	23.2	9	6	13.3	0.36	0.44	4.9	2.1	7.94	<10	10
11-Dec-24	22.9	7	6	14.9	0.38	0.44	4.9	2.0	7.89	<10	<10
12-Dec-24	22.5	8	nr	14.9	0.38	0.44	5.0	1.9	7.78	<10	<10
13-Dec-24	22.2	9	nr	16.2	0.39	0.45	5.0	1.9	7.84	<10	<10
14-Dec-24	22.2	ns	ns	ns	ns	0.45	5.0	2.3	7.74	10	10
15-Dec-24	22.2	ns	ns	ns	ns	0.45	5.0	ns	ns	ns	ns
16-Dec-24	22.1	7	5	18.9	0.41	0.46	5.1	1.6	7.67	20	30
17-Dec-24	22.0	6	5	18.9	0.45	0.47	5.2	1.6	7.65	<10	<10
18-Dec-24	21.8	6	5	20.9	0.47	0.48	5.3	1.5	7.61	30	10
19-Dec-24	21.7	5	4	20.7	0.46	0.48	5.4	1.7	nr	<10	20
20-Dec-24	21.5	5	<4	21.0	0.47	0.49	5.5	1.4	7.63	10	<10
21-Dec-24	21.4	4	<4	21.4	0.48	0.50	5.6	2.0	7.56	10	10
22-Dec-24	21.3	6	<4	24.1	0.51	0.51	5.6	1.8	7.51	10	10
23-Dec-24	21.2	5	<4	24.0	0.48	0.52	5.7	1.4	7.44	10	20
24-Dec-24	21.1	4	<4	25.3	0.54	0.53	5.7	1.3	7.58	10	<10
25-Dec-24	20.9	4	<4	23.4	0.46	0.53	5.8	1.7	7.51	20	<10
26-Dec-24	20.8	3	<4	22.5	0.47	0.54	5.8	1.9	7.40	10	<10
27-Dec-24	20.8	3	<4	31.2	0.49	0.54	5.8	1.3	7.42	<10	40
28-Dec-24	20.8	3	<4	30.4	0.48	0.55	5.9	2.0	7.42	20	<10
29-Dec-24	20.7	<3	<4	32.1	0.51	0.56	5.9	2.1	7.41	<10	30
30-Dec-24	20.6	3	<4	30.9	0.52	0.56	5.9	2.0	7.39	40	30
31-Dec-24	20.5	3	<4	31.8	0.52	0.57	6.0	1.6	7.39	10	20
Max:	24.3										
Min:	20.5										
Average:	22.2	7	5	18.7	0.41			1.8	7.80		
Total Flow:	687.2										
Geo.Mean:										<10	<10

Notes:

- (1) nr - not recorded or no result; na - not analyzed; ns - no sample; o/l - offline; im - instrument maintenance
- (2) Where value is expressed as less than (<), the value is halved and used in the calculations
- (3) * = 30 day rolling average