



West End Water Pollution Control Centre
Final Effluent Monitoring Report
November 2023

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-Nov-23	20.5	28	13	17.5	nr	0.75	4.1	2.2	9.00	10	20
02-Nov-23	20.4	27	16	17.9	nr	0.74	4.1	3.0	9.07	10	10
03-Nov-23	21.1	27	15	19.8	nr	0.73	4.2	3.3	9.03	20	20
04-Nov-23	20.5	27	13	nr	0.07	0.72	4.2	4.1	9.09	<10	10
05-Nov-23	20.8	28	13	nr	0.09	0.71	4.3	4.5	9.11	<10	<10
06-Nov-23	21.1	27	13	nr	<0.05	0.70	4.3	3.7	9.10	10	10
07-Nov-23	21.6	22	12	nr	<0.05	0.69	4.4	3.3	9.09	20	70
08-Nov-23	22.4	25	13	nr	<0.05	0.68	4.4	3.4	9.02	40	40
09-Nov-23	22.7	27	14	nr	<0.05	0.67	4.4	2.5	8.98	110	60
10-Nov-23	22.8	31	13	nr	<0.05	0.67	4.5	2.3	9.09	30	80
11-Nov-23	22.7	27	13	nr	<0.05	0.66	4.5	3.3	9.06	40	60
12-Nov-23	23.0	33	13	nr	<0.05	0.65	4.6	3.9	9.05	40	40
13-Nov-23	23.0	31	12	nr	<0.05	0.65	4.6	1.9	9.14	30	10
14-Nov-23	23.2	31	16	nr	<0.05	0.64	4.6	2.5	9.15	30	10
15-Nov-23	23.4	31	16	nr	<0.05	0.64	4.6	2.4	9.17	40	30
16-Nov-23	23.3	ns	ns	ns	ns	0.64	4.7	2.6	9.24	10	<10
17-Nov-23	23.2	23	18	nr	<0.05	0.63	4.7	2.4	9.34	10	<10
18-Nov-23	23.1	37	16	nr	<0.05	0.62	4.7	2.6	9.32	10	<10
19-Nov-23	23.0	37	17	nr	<0.05	0.61	4.6	2.9	9.31	<10	<10
20-Nov-23	22.9	32	15	nr	<0.05	0.60	4.6	3.0	9.24	10	10
21-Nov-23	22.6	31	14	8.8	<0.02	0.59	4.5	2.7	9.23	<10	<10
22-Nov-23	22.0	30	nr	10.6	<0.02	0.58	4.5	2.3	9.28	10	<10
23-Nov-23	22.2	28	nr	0.4	<0.02	0.57	4.3	2.0	9.17	<10	<10
24-Nov-23	22.1	36	15	0.3	<0.02	0.55	4.3	1.5	9.25	<10	10
25-Nov-23	22.0	38	17	0.7	<0.02	0.54	4.2	2.4	9.20	<10	<10
26-Nov-23	21.9	37	nr	1.3	<0.02	0.53	4.2	2.7	9.27	<10	10
27-Nov-23	21.8	38	nr	1.1	<0.02	0.51	4.2	2.2	9.22	<10	<10
28-Nov-23	21.7	31	15	3.3	<0.02	0.50	4.2	2.5	9.26	<10	<10
29-Nov-23	21.5	29	13	0.2	<0.02	0.49	4.2	3.3	9.23	<10	<10
30-Nov-23	21.3	29	13	<0.1	<0.02	0.47	4.2	3.2	9.24	<10	<10
Max:	23.4										
Min:	20.4										
Average:	22.1	30	14	6.3	0.02			2.8	9.17		
Total Flow:	663.8										
Geo.Mean:										12	11

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