



West End Water Pollution Control Centre
Final Effluent Monitoring Report
January 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-Jan-24	19.4	5	<4	21.8	0.28	0.33	5.2	1.7	7.50	<10	<10
02-Jan-24	19.4	5	4	16.1	0.29	0.34	5.3	2.2	7.49	20	<10
03-Jan-24	19.4	5	4	nr	0.22	0.35	5.3	2.2	7.64	10	<10
04-Jan-24	19.5	5	4	17.0	0.28	0.35	5.3	1.9	7.53	<10	<10
05-Jan-24	19.6	6	4	22.5	0.31	0.35	5.4	2.3	7.41	<10	10
06-Jan-24	19.5	5	4	22.8	<0.02	0.36	5.4	1.4	7.44	<10	<10
07-Jan-24	19.6	5	<4	28.4	nr	0.37	5.5	1.6	7.39	20	<10
08-Jan-24	19.6	4	<4	23.2	0.30	0.37	5.5	1.9	7.49	10	40
09-Jan-24	19.7	4	4	22.2	0.28	0.38	5.5	1.8	7.46	10	<10
10-Jan-24	19.9	5	<4	21.7	0.36	0.38	5.6	2.2	7.42	10	20
11-Jan-24	19.7	5	<4	21.1	0.32	0.39	5.6	1.7	7.37	30	10
12-Jan-24	19.6	4	<4	21.3	0.31	0.39	5.6	1.4	7.33	10	30
13-Jan-24	19.4	<3	<4	21.6	0.32	0.40	5.6	0.9	7.35	20	30
14-Jan-24	19.4	4	<4	22.3	0.33	0.40	5.6	1.5	7.34	30	50
15-Jan-24	19.4	4	<4	22.8	0.29	0.41	5.7	1.9	7.37	40	70
16-Jan-24	19.3	3	<4	24.5	0.30	0.41	5.7	1.6	7.48	80	130
17-Jan-24	19.3	3	nr	24.3	0.30	0.42	5.8	1.8	7.39	30	100
18-Jan-24	19.2	<3	<4	25.2	0.32	0.43	5.8	1.7	7.36	90	180
19-Jan-24	19.0	<3	<4	25.1	0.32	0.43	5.9	1.8	7.31	110	170
20-Jan-24	18.8	4	<4	25.3	0.33	0.44	5.9	1.5	7.34	110	100
21-Jan-24	18.8	3	<4	25.6	0.33	0.44	6.0	1.6	7.30	70	150
22-Jan-24	18.8	4	<4	25.6	0.34	0.45	6.0	1.5	7.35	220	170
23-Jan-24	18.8	4	<4	25.2	0.34	0.45	6.0	1.9	7.35	180	170
24-Jan-24	18.8	3	<4	25.6	0.34	0.45	6.1	1.8	7.24	170	110
25-Jan-24	18.8	4	<4	26.5	0.35	0.46	6.1	2.3	7.27	190	240
26-Jan-24	18.8	3	<4	25.9	0.34	0.46	6.2	2.0	7.25	160	260
27-Jan-24	18.8	3	<4	25.9	0.33	0.47	6.3	1.9	7.21	190	210
28-Jan-24	18.8	4	<4	26.3	0.33	0.47	6.3	2.5	7.24	190	350
29-Jan-24	18.8	4	<4	25.9	0.32	0.47	6.3	2.0	7.18	360	300
30-Jan-24	18.8	4	<4	nr	0.36	0.48	6.4	2.5	7.22	320	360
31-Jan-24	18.9	4	<4	nr	0.33	0.48	6.4	2.3	7.21	390	250
Max:	19.9										
Min:	18.8										
Average:	19.2	4	<4	23.6	0.30			1.8	7.36		
Total Flow:	595.6										
Geo.Mean:										44	50

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