



West End Water Pollution Control Centre
Final Effluent Monitoring Report
February 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-Feb-24	18.9	5	<4	nr	0.33	0.48	6.5	2.8	7.19	200	300
02-Feb-24	18.9	9	4	nr	0.33	0.49	6.6	2.3	7.16	210	320
03-Feb-24	19.0	4	<4	nr	0.31	0.49	6.7	2.1	7.22	170	30
04-Feb-24	19.0	4	4	nr	0.30	0.49	6.8	2.6	7.16	120	170
05-Feb-24	19.1	3	<4	21.4	0.36	0.49	6.8	2.4	7.21	80	140
06-Feb-24	19.3	<3	<4	20.8	0.35	0.49	6.9	2.5	7.24	110	50
07-Feb-24	19.8	4	4	22.2	0.34	0.49	6.9	2.3	7.27	100	80
08-Feb-24	20.1	4	<4	22.4	0.34	0.49	7.0	2.2	7.11	110	150
09-Feb-24	20.4	4	<4	22.7	0.35	0.49	7.0	1.2	7.23	120	90
10-Feb-24	20.4	5	4	22.8	0.35	0.49	7.1	1.9	7.28	60	80
11-Feb-24	20.3	5	4	20.0	0.32	0.49	7.1	2.2	7.26	80	100
12-Feb-24	20.2	6	4	19.7	0.31	0.49	7.1	2.3	7.25	20	140
13-Feb-24	20.2	6	4	19.2	0.34	0.49	7.1	2.3	7.25	110	160
14-Feb-24	20.0	6	4	18.0	0.31	0.48	7.0	2.3	7.25	150	80
15-Feb-24	19.8	6	5	20.0	0.27	0.48	6.9	1.7	7.29	100	130
16-Feb-24	19.7	9	5	18.9	0.26	0.48	6.9	2.1	7.26	80	100
17-Feb-24	19.5	8	5	17.1	0.25	0.48	6.8	2.4	7.27	30	40
18-Feb-24	19.4	6	6	16.6	0.24	0.48	6.7	3.4	7.31	<10	60
19-Feb-24	19.3	8	6	18.1	0.25	0.48	6.6	2.7	7.30	10	20
20-Feb-24	19.2	9	6	15.7	0.23	0.48	6.5	3.4	7.40	<10	<10
21-Feb-24	19.1	10	7	16.6	0.23	0.48	6.4	3.0	7.41	<10	<10
22-Feb-24	19.0	14	8	11.3	0.22	0.48	6.3	3.0	7.38	<10	<10
23-Feb-24	19.0	11	9	9.9	0.21	0.47	6.3	2.8	7.42	<10	<10
24-Feb-24	19.0	12	9	8.2	0.20	0.47	6.2	3.0	7.53	<10	<10
25-Feb-24	19.2	13	9	7.8	0.22	0.47	6.1	2.6	7.58	<10	10
26-Feb-24	19.1	12	8	14.8	0.20	0.47	6.0	3.8	7.68	<10	<10
27-Feb-24	19.1	15	9	6.8	0.19	0.47	5.9	2.4	7.72	<10	<10
28-Feb-24	19.0	ns	ns	ns	ns	0.47	5.9	2.3	7.75	<10	<10
29-Feb-24	18.9	19	11	5.2	0.17	0.47	5.8	2.4	7.84	<10	10
Max:	20.4										
Min:	18.9										
Average:	19.4	8	5	16.5	0.28			2.5	7.35		
Total Flow:	563.9										
Geo.Mean:										29	36

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