



West End Water Pollution Control Centre
Final Effluent Monitoring Report
November 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-Nov-24	18.9	24	13	3.4	0.09	0.52	5.0	5.4	8.76	320	310
02-Nov-24	19.0	25	14	2.7	0.09	0.52	5.0	4.4	8.85	340	250
03-Nov-24	21.3	26	12	5.3	0.10	0.51	4.9	5.0	8.80	290	250
04-Nov-24	22.6	26	12	5.7	0.12	0.50	4.8	5.9	8.83	220	290
05-Nov-24	22.4	23	12	3.9	0.11	0.50	4.8	5.0	8.74	480	460
06-Nov-24	22.2	23	13	3.6	0.12	0.50	4.8	4.7	8.70	490	430
07-Nov-24	22.1	24	13	2.0	0.12	0.50	4.7	4.1	8.79	150	100
08-Nov-24	21.9	21	13	2.8	0.13	0.50	4.6	3.9	8.77	240	190
09-Nov-24	21.6	24	13	2.9	0.13	0.50	4.6	3.8	8.88	170	200
10-Nov-24	21.5	20	15	1.5	0.12	0.49	4.6	4.3	8.86	80	100
11-Nov-24	19.6	31	14	1.2	0.11	0.48	4.6	4.0	8.84	200	130
12-Nov-24	20.0	43	11	4.3	0.11	0.48	4.5	3.1	8.82	230	270
13-Nov-24	20.1	23	12	3.1	0.09	0.47	4.5	3.6	8.72	100	90
14-Nov-24	20.1	27	12	3.8	0.11	0.46	4.5	3.8	8.65	140	120
15-Nov-24	20.3	26	12	5.4	0.13	0.45	4.4	3.8	8.62	30	50
16-Nov-24	20.6	22	12	5.0	0.12	0.45	4.4	3.9	8.70	80	40
17-Nov-24	21.0	21	10	7.5	0.13	0.44	4.4	3.6	8.65	90	40
18-Nov-24	22.9	20	11	7.5	0.12	0.44	4.3	2.7	8.53	30	30
19-Nov-24	25.9	21	10	10.1	0.15	0.44	4.3	3.4	8.52	50	70
20-Nov-24	26.9	22	11	8.2	0.16	0.44	4.3	3.5	8.45	280	160
21-Nov-24	27.1	18	9	8.3	0.15	0.44	4.3	2.3	8.34	340	340
22-Nov-24	26.8	18	9	13.3	0.16	0.44	4.2	1.4	8.43	140	100
23-Nov-24	26.5	17	10	7.4	0.16	0.43	4.3	1.3	8.50	50	40
24-Nov-24	26.3	15	9	6.1	0.17	0.43	4.2	1.3	8.50	60	250
25-Nov-24	26.0	14	9	10.4	0.19	0.43	4.2	1.2	8.56	230	130
26-Nov-24	25.8	13	9	5.9	0.18	0.43	4.2	1.1	8.54	210	210
27-Nov-24	25.5	13	8	6.0	0.18	0.42	4.2	1.3	8.44	30	80
28-Nov-24	25.1	13	9	14.0	0.29	0.42	4.3	1.5	8.48	40	80
29-Nov-24	24.7	15	11	5.1	0.20	0.42	4.3	1.6	8.53	20	40
30-Nov-24	24.5	13	11	6.3	0.22	0.42	4.3	1.5	8.66	20	10
Max:	27.1										
Min:	18.9										
Average:	23.0	21	11	5.8	0.14			3.2	8.65		
Total Flow:	689.2										
Geo.Mean:										118	117

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

Report Date: December 27, 2024