



West End Water Pollution Control Centre
Final Effluent Monitoring Report
October 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-Oct-24	15.4	39	6	4.1	0.25	0.69	2.9	12.5	8.52	660	810
02-Oct-24	15.6	37	6	4.5	0.26	0.68	2.9	12.0	8.44	500	360
03-Oct-24	15.8	40	7	9.2	0.27	0.68	3.0	11.3	8.50	490	530
04-Oct-24	14.9	49	9	7.5	0.28	0.68	3.0	10.0	8.55	490	620
05-Oct-24	15.3	69	8	10.2	0.16	0.68	3.0	10.4	8.50	1,110	1,240
06-Oct-24	10.9	54	8	8.1	0.11	0.68	3.1	9.1	8.45	1,040	860
07-Oct-24	11.3	66	7	7.4	0.12	0.67	3.2	9.4	8.46	1,050	930
08-Oct-24	11.6	49	7	7.3	0.10	0.67	3.4	9.6	8.49	670	650
09-Oct-24	12.5	50	9	8.4	0.08	0.66	3.5	9.9	8.52	510	490
10-Oct-24	13.3	49	9	9.2	0.10	0.65	3.6	10.9	8.51	720	470
11-Oct-24	14.0	50	9	10.9	0.12	0.64	3.8	11.2	8.59	620	560
12-Oct-24	14.3	40	8	10.6	0.12	0.64	3.9	10.5	8.51	310	250
13-Oct-24	14.5	41	8	10.7	0.13	0.64	4.0	9.6	8.47	620	640
14-Oct-24	14.5	48	9	9.9	0.12	0.63	4.1	9.0	8.41	830	830
15-Oct-24	14.6	48	10	10.2	0.14	0.63	4.2	7.8	8.55	980	720
16-Oct-24	14.6	45	9	9.6	0.10	0.63	4.2	7.5	8.55	1,020	730
17-Oct-24	15.1	51	9	10.7	0.08	0.62	4.3	7.1	8.61	740	770
18-Oct-24	15.2	42	nr	10.3	0.10	0.62	4.4	8.1	8.66	810	1,110
19-Oct-24	15.5	39	9	9.2	0.10	0.61	4.5	7.6	8.72	720	660
20-Oct-24	15.9	42	12	8.7	0.09	0.60	4.5	7.8	8.64	680	650
21-Oct-24	16.2	38	11	8.7	0.09	0.59	4.5	8.8	8.68	460	410
22-Oct-24	16.4	38	12	9.8	0.10	0.58	4.6	9.4	8.72	310	340
23-Oct-24	16.7	38	11	10.3	0.11	0.57	4.6	8.1	8.56	450	430
24-Oct-24	16.6	31	11	9.9	0.11	0.56	4.7	7.8	8.68	280	120
25-Oct-24	16.9	33	13	11.5	0.12	0.56	4.8	7.1	8.71	400	230
26-Oct-24	17.1	30	12	8.0	0.11	0.55	4.8	6.5	8.75	340	320
27-Oct-24	17.1	31	12	10.0	0.13	0.55	4.8	5.9	8.70	310	230
28-Oct-24	17.1	26	13	7.0	0.13	0.54	4.8	6.0	8.67	300	280
29-Oct-24	17.4	28	13	7.4	0.10	0.53	4.9	6.4	8.17	320	440
30-Oct-24	18.0	26	12	6.6	0.11	0.53	4.9	6.1	8.75	500	290
31-Oct-24	18.0	31	12	5.2	0.11	0.53	4.9	5.3	8.76	240	300
Max:	18.0										
Min:	10.9										
Average:	15.2	42	10	8.8	0.13			8.7	8.57		
Total Flow:	472.3										
Geo.Mean:										543	491

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