



West End Water Pollution Control Centre
Final Effluent Monitoring Report
September 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-Sep-24	15.8	19	5	0.1	0.52	0.62	2.1	18.1	9.27	80	120
02-Sep-24	16.0	23	5	1.3	0.48	0.62	2.2	18.3	9.41	80	70
03-Sep-24	16.3	20	5	0.6	0.69	0.62	2.2	18.7	9.36	50	60
04-Sep-24	16.7	20	5	2.0	nr	0.61	2.2	20.4	9.59	10	50
05-Sep-24	17.0	20	5	0.2	0.52	0.61	2.3	18.5	9.34	110	200
06-Sep-24	17.2	17	4	0.3	0.52	0.61	2.3	18.3	9.28	110	140
07-Sep-24	17.4	16	4	0.3	0.48	0.61	2.3	17.3	9.28	170	120
08-Sep-24	17.3	15	4	0.7	0.49	0.61	2.3	17.6	9.28	160	230
09-Sep-24	17.3	17	4	<0.1	0.46	0.61	2.3	18.3	9.29	110	200
10-Sep-24	17.3	19	4	0.1	0.49	0.62	2.2	19.3	9.36	150	190
11-Sep-24	16.1	21	<4	0.9	0.49	0.62	2.3	18.5	9.34	170	170
12-Sep-24	15.6	24	5	<0.1	0.51	0.63	2.3	18.3	9.16	290	290
13-Sep-24	16.5	21	<4	0.7	0.51	0.63	2.3	19.1	9.19	1,050	960
14-Sep-24	17.0	19	<4	1.2	0.52	0.64	2.4	18.4	9.07	200	200
15-Sep-24	18.0	21	6	0.8	0.49	0.64	2.4	19.7	9.10	460	300
16-Sep-24	20.2	20	<4	4.2	0.49	0.65	2.5	20.0	9.13	560	640
17-Sep-24	22.2	22	4	5.4	0.49	0.65	2.5	18.6	8.97	1,200	1,960
18-Sep-24	23.4	19	4	2.4	0.50	0.66	2.5	18.7	8.88	1,610	2,010
19-Sep-24	24.0	19	4	2.1	0.49	0.66	2.6	19.1	8.85	1,550	1,790
20-Sep-24	24.3	19	4	4.2	0.52	0.67	2.6	18.3	8.72	1,240	1,220
21-Sep-24	24.8	20	4	3.5	0.49	0.67	2.7	18.1	8.66	880	1,010
22-Sep-24	24.4	23	4	5.1	0.49	0.68	2.7	16.4	8.50	1,380	1,200
23-Sep-24	24.5	25	<4	1.5	0.57	0.69	2.7	15.2	8.70	930	780
24-Sep-24	24.2	24	4	0.3	0.43	0.69	2.8	15.5	8.54	560	780
25-Sep-24	19.4	23	<4	0.1	0.45	0.69	2.8	16.4	8.59	590	410
26-Sep-24	18.4	48	6	0.1	0.36	0.70	2.8	17.1	8.85	1,010	990
27-Sep-24	18.3	28	13	<0.1	0.42	0.70	2.8	17.0	8.59	930	790
28-Sep-24	17.0	31	5	1.2	0.46	0.70	2.9	17.0	8.66	310	370
29-Sep-24	14.7	68	6	<0.1	0.38	0.69	2.9	16.3	8.58	250	280
30-Sep-24	14.8	64	6	3.8	0.23	0.69	2.9	16.2	8.56	660	610
Max:	24.8										
Min:	14.7										
Average:	18.9	25	4	1.4	0.48			18.0	9.00		
Total Flow:	566.1										
Geo.Mean:										328	375

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: October 30, 2024