



West End Water Pollution Control Centre
Final Effluent Monitoring Report
January 2025

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-25	20.4	10	<4	27.3	0.52	0.57	6.1	1.8	7.37	10	30
02-Jan-25	20.3	o/l	o/l	o/l	o/l	0.57	6.1	1.6	7.38	10	80
03-Jan-25	20.2	ns	ns	ns	ns	0.58	6.1	1.8	7.42	50	30
04-Jan-25	20.1	ns	ns	ns	ns	0.58	6.2	2.3	7.34	10	40
05-Jan-25	20.0	<3	<4	36.8	0.61	0.58	6.1	1.8	7.30	80	50
06-Jan-25	20.0	<3	<4	38.0	0.63	0.59	6.1	1.3	7.54	20	30
07-Jan-25	19.9	<3	<4	40.0	0.69	0.60	6.1	1.4	7.25	30	50
08-Jan-25	19.8	<3	<4	41.2	0.69	0.61	6.1	1.2	7.44	50	100
09-Jan-25	19.8	<3	<4	43.2	0.74	0.62	6.1	1.4	7.26	40	90
10-Jan-25	19.7	<3	<4	42.4	0.77	0.64	6.1	1.3	7.37	40	30
11-Jan-25	19.7	<3	<4	42.9	0.74	0.65	6.1	2.2	7.35	30	100
12-Jan-25	19.7	<3	<4	44.5	0.79	0.66	6.2	1.8	7.28	110	110
13-Jan-25	19.6	<3	<4	45.1	0.78	0.67	6.2	1.3	7.30	90	40
14-Jan-25	19.5	<3	<4	46.6	0.81	0.68	6.2	1.2	7.32	160	80
15-Jan-25	19.5	<3	<4	46.6	0.86	0.69	6.3	1.3	7.40	140	60
16-Jan-25	19.2	ns	ns	ns	ns	0.69	6.3	1.3	7.31	60	70
17-Jan-25	19.1	<3	<4	47.2	0.88	0.71	6.4	1.6	7.28	200	170
18-Jan-25	19.1	<3	<4	47.2	0.85	0.72	6.4	1.8	7.29	120	210
19-Jan-25	19.1	<3	<4	49.7	0.88	0.73	6.4	na	7.41	120	110
20-Jan-25	19.2	<3	<4	51.6	0.92	0.74	6.4	1.3	7.19	100	240
21-Jan-25	19.1	<3	<4	54.1	0.95	0.76	6.5	1.2	7.25	60	90
22-Jan-25	19.0	<3	<4	55.7	0.95	0.78	6.6	1.2	7.27	50	50
23-Jan-25	18.4	<3	<4	55.4	0.98	0.80	6.7	1.3	7.24	40	90
24-Jan-25	18.2	<3	<4	54.6	1.03	0.82	6.7	1.4	7.28	100	70
25-Jan-25	18.2	<3	<4	55.9	1.03	0.85	6.8	1.7	7.25	80	40
26-Jan-25	18.2	<3	<4	57.0	1.01	0.87	6.9	1.8	7.30	10	60
27-Jan-25	18.2	<3	<4	61.3	1.04	0.90	7.0	1.5	7.26	20	100
28-Jan-25	18.2	<3	<4	57.3	1.00	0.92	7.0	1.5	7.25	60	40
29-Jan-25	18.1	<3	<4	55.9	1.00	0.94	7.0	1.4	7.31	80	30
30-Jan-25	18.1	<3	<4	56.1	0.96	0.96	7.0	1.6	7.29	40	30
31-Jan-25	18.1	<3	<4	53.6	0.93	0.98	7.0	1.5	7.15	30	40
Max:	20.4										
Min:	18.1										
Average:	19.2	<3	<4	48.4	0.85			1.5	7.31		
Total Flow:	595.7										
Geo.Mean:										49	64

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