



West End Water Pollution Control Centre
Final Effluent Monitoring Report
May 2024

Licence # 2669 E RR	File # 53.1	24 Hour Composite						Grab Sample					
		Date	Final Effluent Daily Flow ML	TSS	cBOD5	Ammonia	Ortho Phosphorus	Total Phosphorus	Total Nitrogen	Temp.	pH	Fecal Coliform	E.Coli
				(mg/L)	(mg/L)	(kg NH3-N/day)	(mg/L-P)	(mg/L-P)*	(mg/L-N)*	(°C)	(units)	MPN/100 mL	
01-May-24	31.4	36	10	<0.1	<0.02	0.30	3.4	11.1	9.27	<10	30		
02-May-24	32.4	35	10	0.2	0.03	0.31	3.4	11.1	9.31	50	30		
03-May-24	33.3	45	12	<0.1	0.03	0.31	3.4	11.1	9.36	60	50		
04-May-24	33.9	46	10	0.4	0.03	0.32	3.4	11.1	9.40	20	10		
05-May-24	32.8	44	10	<0.1	<0.02	0.32	3.4	11.8	9.49	<10	10		
06-May-24	32.3	79	10	<0.1	<0.02	0.33	3.3	12.8	9.53	20	10		
07-May-24	32.0	57	9	<0.1	<0.02	0.34	3.4	12.5	9.41	30	40		
08-May-24	31.7	53	12	0.3	<0.02	0.35	3.4	13.0	9.49	40	20		
09-May-24	31.2	37	11	<0.1	0.03	0.36	3.3	14.7	9.66	<10	<10		
10-May-24	30.3	58	11	0.1	0.05	0.37	3.3	16.2	9.68	<10	<10		
11-May-24	29.8	64	12	<0.1	0.07	0.38	3.4	15.4	9.82	<10	<10		
12-May-24	29.4	54	11	<0.1	0.10	0.39	3.4	15.5	9.72	<10	<10		
13-May-24	29.5	27	8	6.9	0.15	0.40	3.4	14.1	9.78	10	<10		
14-May-24	30.0	34	5	1.0	0.18	0.41	3.3	13.4	9.64	<10	<10		
15-May-24	30.7	25	5	3.5	0.26	0.41	3.3	12.8	9.56	<10	<10		
16-May-24	33.6	26	6	8.7	0.31	0.42	3.3	13.0	9.51	30	<10		
17-May-24	38.8	23	4	8.5	0.31	0.42	3.3	14.9	9.48	10	10		
18-May-24	42.7	22	6	17.5	0.32	0.42	3.3	16.1	9.46	10	<10		
19-May-24	43.8	ns	ns	ns	ns	0.42	3.3	14.2	9.32	10	10		
20-May-24	43.4	ns	ns	ns	ns	0.42	3.3	15.3	9.17	<10	10		
21-May-24	42.4	12	<4	43.7	0.40	0.43	3.3	16.2	9.03	10	10		
22-May-24	41.2	14	<4	49.0	0.46	0.45	3.2	15.5	8.92	10	<10		
23-May-24	43.5	9	nr	41.2	0.47	0.45	3.2	15.2	8.87	20	60		
24-May-24	47.7	23	4	47.7	0.49	0.46	3.2	13.9	8.68	<10	10		
25-May-24	49.7	19	5	59.1	0.49	0.47	3.2	12.0	8.69	30	20		
26-May-24	56.2	10	4	53.8	0.43	0.48	3.2	12.2	8.43	10	<10		
27-May-24	55.6	ns	ns	ns	ns	0.48	3.2	14.3	8.76	20	<10		
28-May-24	53.9	10	<4	48.5	0.49	0.49	3.2	13.9	8.75	<10	<10		
29-May-24	50.3	26	<4	44.6	0.49	0.50	3.2	14.8	8.72	10	<10		
30-May-24	50.5	26	9	43.5	0.45	0.50	3.2	16.2	8.73	30	10		
31-May-24	49.6	16	nr	43.8	0.53	0.52	3.3	15.5	8.62	<10	10		
Max:	56.2												
Min:	29.4												
Average:	39.1	33	7	18.7	0.23			13.9	9.23				
Total Flow:	1,213.6												
Geo.Mean:										11	<10		

- 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