



West End Water Pollution Control Centre  
Final Effluent Monitoring Report  
July 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-Jul-24	40.5	9	<4	0.9	0.68	1.01	4.6	18.4	9.32	20	20		
02-Jul-24	44.7	5	nr	2.5	0.71	1.01	4.6	18.6	9.22	80	110		
03-Jul-24	46.6	5	<4	2.3	0.69	1.01	4.5	19.0	9.16	30	10		
04-Jul-24	48.5	8	5	12.1	0.69	1.01	4.4	20.2	9.26	50	30		
05-Jul-24	49.1	8	<4	4.7	0.67	1.01	4.3	20.8	9.18	120	120		
06-Jul-24	48.3	8	<4	0.7	0.57	1.00	4.3	21.7	9.34	70	110		
07-Jul-24	46.9	6	<4	1.4	0.61	0.99	4.2	22.9	9.43	80	110		
08-Jul-24	45.4	6	nr	0.2	0.54	0.98	4.1	23.2	9.42	80	100		
09-Jul-24	43.8	7	<4	<0.1	0.50	0.97	4.0	23.9	9.42	40	20		
10-Jul-24	41.7	10	<4	<0.1	0.48	0.96	3.9	25.0	9.40	40	50		
11-Jul-24	39.9	10	<4	<0.1	0.54	0.95	3.8	24.5	9.51	30	10		
12-Jul-24	39.3	8	<4	1.4	0.43	0.93	3.6	25.5	9.49	20	10		
13-Jul-24	38.4	7	<4	<0.1	0.54	0.92	3.5	25.1	9.41	80	120		
14-Jul-24	39.2	10	<4	<0.1	0.53	0.91	3.4	24.8	9.40	40	40		
15-Jul-24	38.5	9	<4	<0.1	0.62	0.90	3.2	24.4	9.36	30	30		
16-Jul-24	37.3	9	<4	<0.1	0.55	0.89	3.1	23.5	9.35	80	60		
17-Jul-24	35.9	8	<4	5.9	nr	0.88	3.0	21.9	9.38	100	60		
18-Jul-24	34.6	8	<4	2.3	0.59	0.87	2.9	22.1	9.41	30	30		
19-Jul-24	33.3	7	<4	<0.1	0.54	0.86	2.8	22.6	9.41	10	50		
20-Jul-24	32.4	6	<4	<0.1	0.57	0.85	2.7	23.6	9.41	20	10		
21-Jul-24	32.2	7	4	1.5	0.60	0.84	2.6	23.5	9.40	10	<10		
22-Jul-24	31.7	7	<4	3.4	0.63	0.83	2.5	23.6	9.36	40	20		
23-Jul-24	31.0	o/l	o/l	o/l	o/l	0.82	2.4	23.1	9.44	20	10		
24-Jul-24	30.0	ns	ns	ns	ns	0.81	2.4	ns	ns	ns	ns		
25-Jul-24	29.2	ns	ns	ns	ns	0.80	2.3	22.9	9.40	20	40		
26-Jul-24	28.4	27	8	4.1	0.65	0.79	2.2	23.3	9.34	10	10		
27-Jul-24	27.4	19	8	6.2	0.64	0.78	2.2	22.2	9.30	<10	<10		
28-Jul-24	26.5	19	6	4.0	0.65	0.78	2.1	22.9	9.32	30	10		
29-Jul-24	25.5	17	7	2.7	0.64	0.78	2.0	22.9	9.32	30	20		
30-Jul-24	24.0	22	7	0.2	0.54	0.77	2.0	23.2	9.39	<10	30		
31-Jul-24	21.5	21	6	0.4	0.56	0.77	2.0	24.7	9.33	30	10		
<b>Max:</b>	49.1												
<b>Min:</b>	21.5												
<b>Average:</b>	<b>36.5</b>	<b>10</b>	<b>&lt;4</b>	<b>2.0</b>	<b>0.59</b>			<b>22.8</b>	<b>9.36</b>				
<b>Total Flow:</b>	1,131.7												
<b>Geo.Mean:</b>										<b>31</b>	<b>27</b>		

- 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