

Environmental Discharge Analysis Results

Investigated and Updated
from the Wilton
Discharge Data 5/15/26-
02/2026

Upstream (P1.2 Point 9) (WTDISU)											Downstream (P1.2 Point 10)(WTDISD)										
Date	Faecal Coliforms CFU/100mL	TN mg/L	TP mg/L	Turbidity NTU	BOD 5 mg/L	pH units	TSS mg/L	TDS mg/L	Chlorophyll a mg/m3	Copper ug/L	Date	Faecal CFU/100mL	TN mg/L	TP mg/L	Turbidity NTU	BOD 5 mg/L	pH units	TSS mg/L	TDS mg/L	Chlorophyll a mg/m3	Copper ug/L
10/6/2025	11	0.58	0.011	26.4	<2	6.1		423			10/6/2025	29	0.85	0.069	1.61	3	9.1		421		
1/7/2025	~640	0.98	0.057	22.4	<2	7.2	14	344			1/7/2025	~110	0.73	0.056	1.63	<2	8.5	4	420		
2/7/2025	~3000	1.36	0.136	79.4	2	7.2	40	140			2/7/2025	~520	0.94	0.089	36.3	<2	8.1	18	281		
8/7/2025	290	0.73	0.04	47.1	<2	7	8	218			8/7/2025	15	0.99	0.06	0.81	<2	7.9	<2	315		
15/7/2025	22	0.49	0.018	20.8	<2	6.7	2	280			15/7/2025	10	1.1	0.063	1.8	<2	8.1	4	442		
22/7/2025	12	0.36	0.009	10.4	<2	6.8	4	284			22/7/2025	12	0.88	0.042	1.7	<2	8.1	3	390		
29/7/2025	3	0.64	0.007	1.8	<2	6.2	<2	464			29/7/2025	8	0.85	0.035	1.42	<2	8.5	4	434		
5/8/2025	~270	0.77	0.088	40.9	<2	7.3	11	206			5/8/2025	220	0.82	0.063	46.4	<2	8.1	10	315		
8/8/2025	40	0.79	0.061	47.8	<2	6.9	4	216			8/8/2025	15	1.04	0.049	2.92	<2	8.4	3	416		
11/8/2025	26	0.73	0.04	36.8	<2	7.1	3	241			11/8/2025	22	1.11	0.045	1.54	<2	8.3	4	404		
12/8/2025	9	0.67	0.038	37.5	<2	7	4	250			12/8/2025	14	0.95	0.04	1.98	<2	8.2	3	414		
15/8/2025	15	0.53	0.021	24.2	<2	6.8	3	312			15/8/2025	13	1	0.039	1.59	<2	8.7	3	477		
19/8/2025	56	0.51	0.029	10.6	<2	7.3	5	377			19/8/2025	6	0.99	0.038	1.67	<2	8.6	4	440		
21/8/2025	22000	1.02	0.149	177	2	7.5	92	164			21/8/2025	~720	0.85	0.058	37.9	<2	7.9	14	258		
22/8/2025	~3500	1.1	0.117	115	<2	7.3	28	182			22/8/2025	~740	0.92	0.053	27.2	<2	8.3	8	334		
26/8/2025	~69	0.75	0.05	42.7	<2	7	6	229			26/8/2025	30	0.94	0.039	5.15	<2	8	5	337		
29/8/2025	19	0.57	0.029	29.8	<2	6.9	6	422			29/8/2025	5	1.11	0.041	3.3	<2	8.1	4	306		
2/9/2025	27	0.51	0.017	18.4	<2	6.3	7	373			2/9/2025	13	1.19	0.046	0.89	<2	7	<2	388		
5/9/2025	12	0.45	0.017	17.2	<2	6.9	8	382			5/9/2025	53	0.91	0.028	1.49	<2	8.1	3	388		
9/9/2025	~100	0.41	0.017	14.6	5	6.9	7	294			9/9/2025	~250	0.57	0.024	2.4	<2	7.7	4	354		
12/9/2025	~1700	0.87	0.072	65.7	<2	7.2	18	200			12/9/2025	~560	1.2	0.079	60.8	<2	8	24	332		
16/9/2025	~110	0.5	0.034	31.4	<2	7	209	209			16/9/2025	2100	0.94	0.081	185	<2	7.8	34	335		
19/9/2025	~62	0.58	0.026	23.5	<2	6.9	4	249			19/9/2025	~37	1.46	0.079	1.48	<2	8.1	<2	414		
23/9/2025	48	0.4	0.012	14.8	<2	6.8	4	321			23/9/2025	~4	1.2	0.08	1.01	<2	8.5	5	380		
											0/1/1900										
27/5/2026**	590	0.37	0.041	43.6	<2	7.1	8	126	1.59	5.5	27/5/2026**	3800	1.49	0.15	30.8	<2	7.5	39	360	1.38	3.4
29/5/2026	~4000	0.64	0.082	138	<2	7.2	18	206	4.8	7.2	29/5/2026	510	0.94	0.066	8.53	<2	7.9	11	426	25.6	1.4
30/5/2026	~1000	0.56	0.064	129	<2	7.1	17	231	12.26	6.3	30/5/2026	~160	1.19	0.055	2.44	<2	8	5	398	22.96	0.7
31/5/2026	~72	0.49	0.059	99.2	<2	7	13	227	4.37	4.8	31/5/2026	~55	1.18	0.052	2.64	<2	8.3	5	400	19.36	0.7
1/6/2026	43	0.35	0.023	48.7	<2	6.8	11	239	3.72	2.6	1/6/2026	~110	1.23	0.058	2.59	<2	8.2	5	390	17.8	0.7
2/6/2026	40	0.32	0.011	32.2	<2	6.9	13	249	2.11	1	2/6/2026	210	1.03	0.045	11.9	<2	8.3	7	344	15.92	1.8
3/6/2026	37	0.31	0.012	24.1	<2	6.8	9	201	3.13	0.9	3/6/2026	~95	1.25	0.054	3.52	<2	8.4	6	364	15.99	0.7
4/6/2026	28	0.32	0.006	17.5	<2	6.9	8	258	2.43	0.8	4/6/2026	38	1.34	0.063	3.55	<2	8.3	6	412	13.58	0.9
5/6/2026	29	0.29	0.008	13.8	<2	6.9	25	240	1.24	0.7	5/6/2026	55	1.33	0.06	8.28	<2	8.5	14	457	16.89	1.6
8/6/2026	~10	0.28	0.011	9.55	<2	6.7	3	222	1.46	1	8/6/2026	~30	1.58	0.066	8.95	<2	8.4	13	324	12.36	1.6
											0/1/1900										
12/6/2026	17	0.36	0.012	12.6	<2	6.6	13	223	1.01	0.9	12/6/2026	340	1.54	0.057	4.61	<2	8.3	7	401	20.77	0.9
19/6/2026	8	0.29	0.01	13.7	<2	6.6	15	240	1.87	0.9	19/6/2026	~700	1.6	0.052	4.53	<2	8.5	6	398	21.03	1
22/6/2026	7	0.36	0.015	32.7	<2	6.7	20	255	2.25	0.9	22/6/2026	~790	1.59	0.056	2.98	2	8.5	4	396	18.56	0.8
24/6/2026	8	0.46	0.025	32.5	<2	6.8	24	251	2.19	1.1	24/6/2026	~190	1.62	0.054	2.57	<2	8.6	9	405	20.91	1
26/6/2026	20	1.02	0.069	150	2	6.6	180	234	18.18	5	26/6/2026	58	1.5	0.043	3.81	<2	8.8	5	387	27.35	0.8
29/6/2026	350	0.48	0.014	22.4	<2	6.3	14	287	5.37	0.8	29/6/2026	~110	1.59	0.051	2.95	2	8.9	10	412	37.52	1
1/7/2026	~1100	0.44	0.015	22.6	<2	6.9	9	336	1.44	2.2	1/7/2026	320	1.71	0.058	2.52	2	8.9	5	360	39.95	1
3/7/2026	32	0.37	0.006	5.2	<2	6.9	2	200	0.83	0.9	3/7/2026	~160	1.6	0.053	3.41	2	9	5	408	38.03	0.9
6/7/2026	40	0.3	0.013	7.83	<2	7.3	9	251	1.97	1.1	6/7/2026	~270	1.86	0.076	2.8	3	9.1	7	373	54.48	0.8
8/7/2026	6	0.33	0.006	8.24	<2	6.6	3	225	7.2	0.7	8/7/2026	48	1.59	0.057	2.58	2	9.1	7	394	57.28	0.8
10/7/2026	3	0.33	0.009	12.5	<2	6.6	5	204	2.98	0.7	10/7/2026	9	1.64	0.05	4.03	3	9.1	5	390	27.8	0.9
13/7/2026	<1	0.3	0.004	8.09	<2	6.4	4	286	1.66	0.6	13/7/2026	~150	1.69	0.053	3.54	3	9	6	408	26.6	1
15/7/2026	5	0.29	0.011	12.4	<2	6.7	15	250	1.07	0.8	15/7/2026	52	1.94	0.058	4.63	2	8.6	12	384	31.63	1.4
17/7/2026	4400	0.8	0.063	39.6	<2	7.3	22	447	14.32	6.6	17/7/2026	25	1.92	0.064	4.55	2	9	7	419	22.5	1.1
20/7/2026	3	0.3	0.012	13.3	<2	6.6	12	236	1.56	0.6	20/7/2026	13	1.73	0.056	3.71	3	8.9	11	374	19.47	1.1
22/7/2026	1	0.34	0.017	19.6	<2	6.5	65	239	4.15	1.1	22/7/2026	19	1.72	0.043	4.42	2	8.8	6	360	23.29	1.1
24/7/2026	2	0.31	0.011	17.9	<2	6.7	10	249	3.05	<0.5	24/7/2026	4	1.83	0.043	4.4	2	8.8	5	352	27.28	0.6
27/7/2026	1	0.78	0.049	257	3	6.7	310	219	30.34	7.3	27/7/2026	4	1.88	0.05	4.07	2	8.7	8	432	22.03	1.2
29/7/2026	1	0.91	0.068	481	4	6.5	660	340	12.56	4.9	29/7/2026	15	1.89	0.047	3.4	2	8.8	6	398	24.78	1
31/7/2026	No Sample	-	-	-	-	-	-	-	-	-	31/7/2026	52	2	0.046	6.41	3	8.8	12	357	29.95	1.2
3/8/2026	No Sample	-	-	-	-	-	-	-	-	-	3/8/2026	~77	2.05	0.056	3.5	2	8.6	6	382	29.69	1.3
5/8/2026	No Sample	-	-	-	-	-	-	-	-	-	5/8/2026	~27	2.37	0.05	0.72	2	8	8	316	27.23	1.3
10/8/2026	~1400	0.47	0.047	4.2	<2	7	5	171	0.59	1.1	10/8/2026	50	1.99	0.04	3.5	2	8.6	5	373	14.56	1

No Sample Collected - Dry
No discharge to Creek
No discharge to Creek
No discharge to Creek
No discharge to Creek

12/8/2026	200	0.41	0.012	8.91	<2	6.4	5	230	0.5	1	12/8/2026	4	2.2	0.052	4.4	2	8.2	6	394	15.97	1.4
14/8/2026	41	0.33	0.005	7.45	<2	6.5	3	234	0.36	1.3	14/8/2026	2	2.24	0.042	3.38	<2	7.9	5	400	7.41	1.7
17/8/2026	36	0.32	0.006	10.9	<2	6.5	8	209	0.59	0.7	17/8/2026	12	2.22	0.039	4.72	<2	8.1	6	372	5.57	1
19/8/2026	~65	0.31	0.01	5.33	<2	6.9	6	204	1.08	1	19/8/2026	3	2.21	0.046	4.59	<2	8	9	367	4.6	1.5
21/8/2026	~100	0.34	0.006	6.27	<2	6.3	5	206	2.61	0.5	21/8/2026	7	2.35	0.062	6.66	2	8.3	12	387	4.95	1.3
24/8/2026	~170	0.31	0.006	8.24	<2	6.5	5	216	2.41	0.6	24/8/2026	4	2.38	0.06	5.08	2	8	12	384	12.07	1.2
26/8/2026	~1400	0.46	0.046	25.1	<2	7	no result	172	1.07	3.1	26/8/2026	22	2.45	0.066	5.02	3	7.8	No Result	379	29.57	1.3
28/8/2026	~140	0.31	0.01	9.54	<2	6.5	8	190	1.51	0.9	28/8/2026	31	2.6	0.061	9.48	3	8.3	23	365	22.73	1.5
31/8/2026	~120	0.29	0.007	10.4	<2	6.5	10	205	3.12	0.7	31/8/2026	27	2.57	0.059	6.87	3	8.6	16	353	15.5	1.3
2/9/2026	42	0.29	0.006	12.1	<2	6.5	10	214	4.44	0.5	2/9/2026	31	2.7	0.051	6.9	<2	8.4	12	371	68.69	1
7/9/2026	48	0.38	0.029	19.6	<2	6.8	18	217	4.81	0.7	7/9/2026	41	2.76	0.071	8.94	<2	8.4	18	368	13.36	1
8/7/2026	45	0.43	0.039	41.4	<2	6.6	52	217	5.7	1.5	9/7/2026	22	2.41	0.057	6.04	3	8.7	14	365	27	1
11/9/2026	14	0.76	0.089	59.9	<2	6.6	390	217	11.65	2.2	11/9/2026	15	2.47	0.059	7.51	4	8.8	12	376	33.26	1
14/9/2026											14/9/2026	14	2.38	0.06	7.59	4	8.3	13	343	27.05	1
15/9/2026											15/9/2026										
22/9/2026											22/9/2026										
29/9/2026											29/9/2026										
6/10/2026											6/10/2026										
14/10/2026	300	0.43	0.031	10	<2	7.2	5	164	0.83	1.4	14/10/2026	54	1.86	0.059	5.69	<2	8.1		336	7.27	1.5
16/10/2026	59			9.08				204	1.45	0.9	16/10/2026	~23			3.3				344	4.83	1.3
19/10/2026	~74			1.8		7.2			0.9	3	19/10/2026	35			3.42		8.1			9.56	1.5
											0/1/1900										

Pollutant	Unit of Measure	No. of samples used	No. of samples	lowest sample value	Mean of Sample	Highest sample value
BOD	milligrams/litre	24	24	<2	< 2	5
Faecal Coliforms	CFU/100 ml	24	24	3.000	1506.000	22000.000
Nitrogen (total)	milligrams/litre	24	24	0.360	0.679	1.360
pH	pH	24	24	6.100	6.929	7.500
Phosphorus (total)	milligrams/litre	24	24	0.007	0.046	0.149
Total dissolved solids	milligrams/litre	24	24	140.000	282.500	464.000
Total suspended solids	milligrams/litre	24	24	2.000	22.136	209.000
Turbidity	nephelometric turbidity units	24	24	1.800	39.842	177.000

TBC - all weekly data?

No. of	No. of	lowest	Mean of	Highest
24	24	<2	< 2	3
24	24	5.000	160.313	2100.000
24	24	0.570	0.981	1.460
24	24	7.000	8.171	9.100
24	24	0.024	0.054	0.089
24	24	258.000	374.792	477.000
24	24	3.000	8.050	34.000
24	24	0.810	17.833	185.000