Ponds Discharge Mass Summary 2025/2026

Ref: WTSD20 433.7

Ref: WTSD60

			Vol discharged (ML)*		Locations EPL P1.2 (Points 13, 14 as relevant)														
	Discharge Date	Test Date	From 60ML	From 20ML	E.coli (orgs/100mL)**	Faecal Coliforms (CFU/100mL)	BOD5 (mg/L)	pH	TSS (mg/L)	TDS (mg/L)	NTU	TN (mg/L)	TP (mg/L)	Chlorophyll a (mg/m3)	Copper (ug/L)	Potentially Toxic Cyanobacteria (cells/mL)	mass of N discharged (kg)	Mass of P discharged (kg)
					Values as per EPL L3.4													
						≤ 10 CFU/100ml, 95% conc limit	≤ 10 mg/L 95% conc limit	6.5-8.5	≤ 15 mg/L 95% conc. , ≤ 30 mg/L 100% conc	≤ 1,500 mg/L	≤ 2 95% conc, ≤ 5 100% conc.	≤ 6 mg/L 50% conc	≤ 0.1 mg/L 50% conc					
	10/6/2025	10/6/2025	2.536		<1		4	9.25	9	395	Not Tested	0.84	0.065				2.130	0.165
	1/7/2025	1/7/2025	2.096		8		<2	8.82	<2	429	Not Tested	0.79	0.058				1.656	0.122
	2/7/2025	1/7/2025	2.189		8		<2	8.82	<2	429	Not Tested	0.79	0.058				1.729	0.127
	8/7/2025	8/7/2025	2.436		<1		2	8.22	5	365	Not Tested	1.09	0.093				2.655	0.227
	15/7/2025	15/7/2025	2.377		<1		2	8.08	<2	282	Not Tested	1.12	0.064				2.662	0.152
	22/7/2025	22/7/2025	2.308		<1		<2	8.60	4	378	Not Tested	0.96	0.064				2.216	0.148
	29/7/2025	29/7/2025	2.242		<1		<2	8.80	4	470	Not Tested	0.95	0.043				2.130	0.096
	5/8/2025	5/8/2025	2.151		<1		<2	8.74	4	416	Not Tested	1.04	0.046				2.237	0.099
	8/8/2025	5/8/2025	2.321		<1		<2	8.74	4	416	Not Tested	1.04	0.046				2.414	0.107
	11/8/2025	12/8/2025	2.26		<1		2	8.72	3	402	Not Tested	1.06	0.051				2.396	0.115
	12/8/2025	12/8/2025	2.095		<1		2	8.72	3	402	Not Tested	1.06	0.051				2.221	0.107
	15/8/2025	12/8/2025	2.688		<1		2	8.72	3	402	Not Tested	1.06	0.051				2.849	0.137
	19/8/2025	19/8/2025	2.463		<1		2	8.85	5	427	Not Tested	1.04	0.045				2.562	0.111
	21/8/2025	19/8/2025	2.429		<1		2	8.85	5	427	Not Tested	1.04	0.045				2.526	0.109
	22/8/2025	19/8/2025	2.238		<1		2	8.85	5	427	Not Tested	1.04	0.045				2.328	0.101
	26/8/2025	26/8/2025	2.238		2		2	8.23	<2	367	Not Tested	1.11	0.048				2.484	0.107
	29/8/2025	26/8/2025	2.305		2		2	8.23	<2	367	Not Tested	1.11	0.048				2.559	0.111
	2/9/2025	2/9/2025	2.24		<1		<2	8.21	2	394	Not Tested	1.25	0.065				2.800	0.146
	5/9/2025	2/9/2025	2.397		<1		<2	8.21	2	394	Not Tested	1.25	0.065				2.996	0.156
20	9/9/2025	9/9/2025		1.036	1		<2	7.83	5	344	Not Tested	0.6	0.03				0.000	0.000
	12/9/2025	9/9/2025	2.435		4		3	8.20	6	378	Not Tested	1.32	0.083				3.214	0.202
	16/9/2025	16/9/2025	2.618		<1		3	7.94	4	428	Not tested	1.47	0.126				3.848	0.330
	19/9/2025	16/9/2025	2.569		<1		3	7.94	4	428	Not Tested	1.47	0.126				3.776	0.324
	23/9/2025	23/9/2025	1.995		2		4	8.75	6	388	Not Tested	1.4	0.109				2.793	0.217
Ref ONLY no discharge		26/5/2026	0	0	190	500	<2	7.33	3	424	3.02	1.2	0.051	5.05	11.5	0	0.000	0.000
Updated from "Plant Data" current	29/5/2026	29/5/2026		1.335									0.043	6.06	13.3	0	0.000	0.057
	30/5/2026	30/5/2026		1.34										9.79	9.3	0	0.000	0.000
	31/5/2026	31/5/2026		0.973										1.23	10.7	0	0.000	0.000
	1/6/2026	1/6/2026		0.985		41	4	7.50	2	406	1.89	1.49	0.067	2.17	9.1	0	1.468	0.066
	2/6/2026	2/6/2026		1.089	34	~150	6	7.71	<2	402	1.48	1.54	0.079	2.1	9	0	1.677	0.086
	3/6/2026	3/6/2026		0.943	34	~47	5	7.60	<2	410	1.64	1.5	0.06	1.89	9.8	0	1.415	0.057
	4/6/2026	4/6/2026		1.027	34	58	4	7.50	<2	432	1.96	1.65	0.064	1.71	10.9	0	1.695	0.066
	5/6/2026	5/6/2026		2.851	34	20	8	7.50	2	507	2.37	1.65	0.059	1.93	12.9	0	4.704	0.168
	8/6/2026	8/6/2026		2.897	34	~22	<2	7.50	2	390	2.99	1.93	0.057	1.44	11.9	0	5.591	0.165
	12/6/2026	12/6/2026		2.461	30	~87	<2	7.50	<2	400	3.96	2.12	0.078	5.4	12.8	0	5.217	0.192
	19/6/2026	19/6/2026		2.885	650	~73	3	7.50	2	516	4.12	1.9	0.048	20.05	12.3	0	5.482	0.138
	22/6/2026	22/6/2026		1.828	650	22	3	7.50	4	406	3.13	1.98	0.051	9.77	11.1	0	3.619	0.093
	24/6/2026	24/6/2026		2.071	16	15	2	7.60	4	418	2.77	1.97	0.05	21.74	8.3	0	4.080	0.104
	26/6/2026	26/6/2026		1.769	16	~91	2	7.70	5	389	3.37	1.92	0.05	28.72	8.4	0	3.396	0.088
	29/6/2026	29/6/2026		1.095	16	330	2	7.90	4	404	2.17	1.95	0.048	31.39	11.2	0	2.135	0.053
	1/7/2026	1/7/2026		1.03	80	420	2	8.10	3	377	2.1	2.05	0.06	38.1	8.3	1050	2.112	0.062
	3/7/2026	3/7/2026		1.587	80	~66	<2	8.10	5	431	3.33	2.07	0.068	50.88	8.7	1050	3.285	0.108
	6/7/2026	6/7/2026		1.885	80	520	2	8.50	6	379	2.62	2.07	0.061	49.61	6.1	1050	3.902	0.115
	8/7/2026	8/7/2026		1.758	66	54	2	8.50	6	399	3.35	2.08	0.066	78	5.4	0	3.657	0.116
	10/7/2026	10/7/2026		1.078	66	24	3	8.50	4	394	4.13	2.2	0.061	41.71	8.3	0	2.372	0.066

13/7/2026	13/7/2026		1.448	66	~68	3	8.10	5	354	3.5	1.86	0.044	16.68	8.8	0	2.693	0.064
15/7/2026	15/7/2026		1.114	15	~66	3	8.10	4	390	3.7	2.13	0.052	24.44	12.7	0	2.373	0.058
17/7/2026	17/7/2026		1.252		19	3	7.90	5	400	4.16	3.03	0.05	21.29	10.9	0	3.794	0.063
20/7/2026	20/7/2026		1.059		15	3	8.20	6	356	3.8	2.07	0.045	20.76	7.3	0	2.192	0.048
22/7/2026	22/7/2026		1.415		310	2	7.80	4	386	4.24	2.07	0.042	23.03	10.4	0	2.929	0.059
24/7/2026	24/7/2026		1.038		6	3	7.90	4	378	4.18	2.19	0.044	22.8	11.3	0	2.273	0.046
27/7/2026	27/7/2026		1.546		240	5	7.80	5	454	4.01	2.06	0.055	26.52	14.9	0	3.185	0.085
29/7/2026	29/7/2026		1.667		590	3	7.80	5	410	3.79	2.23	0.05	23.82	11.9	0	3.717	0.083
31/7/2026	31/7/2026		1.635		~100	4	8.10	6	369	4.09	2.25	0.047	32.78	12.8	0	3.679	0.077
3/8/2026	3/8/2026		1.513		~1000	3	7.90	5	370	4.5	2.22	0.05	30.88	12.6	0	3.359	0.076
5/8/2026	5/8/2026		1.865		~75	2	7.70	4	390	3.83	2.46	0.064	38.3	10.4		4.588	0.119
10/8/2026	10/8/2026		1.368		230	2	8.00	2	365	2.81	2.33	0.045	12.95	8.1	0	3.187	0.062
12/8/2026	12/8/2026		1.486		~170	<2	7.70	4	371	2.12	2.33	0.039	4.34	13.4		3.462	0.058
14/8/2026	14/8/2026		1.450		~630	4	7.80	2	412	2.85	2.4	0.045	2.2	22.4	0	3.480	0.065
17/8/2026	17/8/2026		1.480		~130	<2	7.60	<2	388	4.02	2.43	0.043	2.47	14.9	0	3.596	0.064
19/8/2026	19/8/2026		1.709		18	<2	7.50	3	376	4.42	2.44	0.042	1.87	15.5	0	4.170	0.072
21/8/2026	21/8/2026		1.878		8	<2	7.50	3	391	5.33	2.63	0.047	0.98	15.3		4.939	0.088
24/8/2026	24/8/2026		1.681		44	<2	7.50	5	371	5.37	2.77	0.044	6.28	12.1	0	4.656	0.074
26/8/2026	26/8/2026		1.537		28	<2	7.50	No Result	367	4.73	2.82	0.042	18.98	9.4	0	4.334	0.065
28/8/2026	28/8/2026		1.728		11	<2	7.70	7	372	5.94	2.74	0.049	22.07	18.9		4.735	0.085
31/8/2026	31/8/2026		1.437		22	2	8.40	11	367	6.16	2.74	0.05	27.31	11.3		3.937	0.072
2/9/2026	2/9/2026		1.213		31	3	8.80	<9	369	7.13	2.68	0.044	75.63	7.2	0	3.251	0.053
7/9/2026	7/9/2026		1.597		33	4	8.70	16	369	7.27	2.78	0.06	20.25	6		4.440	0.096
9/9/2026	9/9/2026		1.82		43	3	8.40	16	369	7.28	2.77	0.055	45.2	5.9	0	5.041	0.100
11/9/2026	11/9/2026		2.084		19	4	8.40	13	377	7.89	2.72	0.056	45.97	6.5		5.668	0.117
14/9/2026	14/9/2026		1.554		~77	3	8.10	10	335	6.61	2.51	0.046	27.9	6.2	0	3.901	0.071
15/9/2026	15/9/2026		0.41	21	~420	3	8.48	7	390	4.34	2.58	0.039	9.43	7.6	0	1.058	0.016
22/9/2026	22/9/2026		0	56	~600	2	7.90	3	377	2.35	2.08	0.024	10.09	9.2	0	0.000	0.000
29/9/2026	29/9/2026		0.63	18	~39	5	7.59	3	371	3.63	2.14	0.048	0.98	14.6	0	1.348	0.030
6/10/2026	6/10/2026		0.43	170	~660	5	7.69	7		4.06			16.39	16.8	0	0.000	0.000
14/10/2026	14/10/2026		1.05		45	<2	8.20	5	330	3.34	1.77	0.32	7.98	5.9	0	1.859	0.336
16/10/2026	16/10/2026		0.84		~50				348	3.4			21.08	5.3	0	0.000	0.000
19/10/2026	19/10/2026		0.169		~92					3.46			9.73	6.6	0	0.000	0.000

Total	**53.626**	**1.036**