

Boonoo Boonoo Discharge & Monitoring Point Stormwater pond 1

Analyte	Unit	PQL	Sampling Dates										Min Since 10/03/2022	Mean Since 10/03/2022	Max Since 10/03/2022		
			30/05/2022 Sample No. 220688-8	20/09/2022 Sample No. 221156-4	19/10/2022 Sample No. WN221966	7/12/2022 Sample No. 1	31/03/2023 Sample No. 5	6/06/2023	4/08/2023	11/12/2023 Sample No. 6	4/03/2024 Sample No. 5	24/06/2024					
Water Level#	m	0.1	N/A	N/A	N/A	N/A	N/A	Not sampled	N/A	N/A	N/A	3.3	0	0	1.650	3.3	
Temperature - field	Deg. C	0.1	9	8.9		19.6			14.7	17.1	19.4	14.2		14.2	16.350	19.4	
Dissolved Oxygen	mg/L	0.2	NT	3.3		7.4	8		8.7	10.2	7.8	10.2	7.6	10.29	7.6	9.132	10.29
Alkalinity (as CaCO3)	mg/L	0.2			<14	<14	<14	<14	1.1	17	<14	7	11	11	1.1	9.420	17
Aluminum (Dissolved)	mg/L	0.005		1	0	0.93	2.7	2.7		1.1	2	0.961	0.74	0.338	0.338	1.028	2
Ammonia-N	mg/L	0.01		0.85	17	0.22	0.051	0.043	<0.02	0.15	0.065	0.049	0.172	0.108	0.049	0.109	0.172
Arsenic (Dissolved)	mg/L	0.005	<0.005	0.0051		0.00542	0.00076		<0.02	<0.02	<0.1	0.001	<0.001		0.001	0.001	0.001
Cadmium (Dissolved)	mg/L	0.005	<0.005	42		<0.005	<0.005		<0.002	<0.002	<0.1	<0.001	N/A		0	<0.001	0
Calcium	mg/L	0.1	2	42		1.4	0.85		2.7	1.6	0.92	0.776	1.68	2.09	0.776	1.644	2.7
Chloride	mg/L	2	20	130	<5.1	38	25		110	44	7.6	1.48	27	22.3	1.48	35.397	110
Chromium (Total)	mg/L	0.005	<0.005	0.002		0.0006	0.00056		<0.001	<0.01	<0.1	<0.001	<0.001		<0.001	0	0
Cobalt (Dissolved)	mg/L	0.005	0.0002	0.002		0.00033	0.00011		<0.05	<0.05	<0.05	<0.05	N/A		0	<0.001	0
Electrical Conductivity	µS/cm	1	140	1200	210	180	120		360	190	48	0.041	85	0.105	0.041	113.858	360
Copper (Dissolved)	mg/L	0.005	<0.0005	0.003		<0.0005	0.0014		<0.004	<0.004	<0.1	0.001	<0.001		0.001	0.001	0.001
Iron (Total)	mg/L	0.005	0.78	0.74	0.29	0.084	2.6		0.599	3.2	0.214	10.7	0.086	0.086	2.968	10.7	0
Lead (Dissolved)	mg/L	0.005	0.0009	0.003		0.00074	0.00056		<0.01	<0.01	<0.1	0.001	<0.001		0.001	0.001	0.001
Magnesium	mg/L	0.1	1.5	17	3.4	2.4	1.5		6.6	3.1	0.74	0.032	1.59	2	0.532	2.427	6.6
Manganese (Total)	mg/L	0.005	0.021	0.37	0.097	0.0013	0.0034		0.076	0.087	0.015	0.093	0.133		0.015	0.075	0.133
Mercury*	µg/L	0.005	<0.05	<0.05		<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.0005		0	<0.001	0
Nickel (Dissolved)	mg/L	0.005	0.001	0.011	2.4	0.0004	0.00033		<0.007	<0.007	<0.1	<0.01	<0.001		0	<0.001	0
Nitrogen - Nitrate-N	mg/L	0.05	1.9	<0.02		0.69	<0.02		0.46	0.01	<0.01	<0.05	0.265	1.04	0.01	0.441	1.04
Nitrogen - Nitrite-N	mg/L	0.01	0.05	0.08		0.014	<0.01		<0.02	<0.02	0.007	0.025	0.01		0.007	0.014	0.025
Nitrogen - Total Kjeldahl	mg/L	0.1							0.92			0.665	2.18	0.41	0.41	1.944	2.18
pH	pH	0.1	6.8	8	6.8	7	6.4		8.8	6.9	6.6	7.39	7.27	6.14	6.14	7.183	8.8
Potassium	mg/L	0.1	3.8	74		4.4	3.2		5.3	4.2	2.7	2.22	3.63	2.06	2.06	3.352	5.3
Redox Potential#	mV	<500	59	NT		236	214		168	100	57.9	177	188	120	57.9	136.817	198
Sodium	mg/L	0.15	15	120		24	14		5.1	27	4.9	4.77	12.4	13.8	4.77	18.578	51
Sulphate#	mg/L	2	3	68		2.3	1.2		6.6	1.9	1.6	7.49	11	<9	1.6	5.718	11
Total Organic Carbon*	mg/L	1	6	38		5.9	5.3		15	10	8	6.74	10.5	2.56	2.56	8.800	15
Zinc (Total)	mg/L	0.005	0.008	0.024		0.004	0.0069		<0.01	0.011	0.002	0.081	<0.05		0.002	0.031	0.081
PAHs in water*	µg/L	1	ND	ND		ND	ND		ND	<0.1	<0.1	<1	<1	N/A	0	<0.001	0
TRH C10-C14*	µg/L	50	<50	260		<50	<50		<50		<50	<50	N/A		0	<0.001	0
TRH C15-C28*	µg/L	100											N/A		0	<0.001	0
TRH C29-C36*	µg/L	100											N/A		0	<0.001	0
TRH C10-C36*	µg/L	100											N/A		0	<0.001	0
Suspended Solids	mg/L		5	10	4.5	20	28		34	16	52	43	148	124	16	69.500	148
															0	<0.001	0
Alkalinity - Hydroxide	mg/L	0												N/A	0	<0.001	0
Chromium (VI)	mg/L	0.05												<0.001	0	<0.001	0
Mercury (Dissolved)*	µg/L	0.05												N/A	0	<0.001	0
OC/OP in Water*	µg/L	0.2	ND	ND		ND	ND			<0.2	<0.2	<0.2	<0.2	<1	0	<0.001	0
	Date Obtained		30/05/2022	20/09/2022	19/10/2022	7/12/2022	22/03/2023	6/06/2023	4/08/2023	11/12/2023	4/03/2024	24/06/2024					
	Date Published		21/06/2022	4/10/2022	28/10/2022	21/12/2022	31/03/2023	30/06/2023	26/09/2023	22/12/2023	8/04/2024						