

Boonoo Boonoo Discharge & Monitoring Point Stormwater pond

Analyte	Unit	PQL		30/09/2022	20/09/2022	19/10/2022	7/12/2022	31/03/2023	06/06/2023	4/09/2023	11/12/2023	4/03/2024	24/06/2024	0/9/2024	31/07/2025		Min Since 10/03/2022	Mean Since 10/03/2022	Max Since 10/03/2022	
				Sample No. Z2006818	Sample No. Z2115614	Sample No. W0021886	Sample No. 1	Sample No. 5	Net sampled	Sample No. 6	Sample No. 1	Sample No. 5	Sample No. 1	Sample No. 5	ES-05-0351 Storm Water Outfall					
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	1.650	3.3	
Temperature - field	Deg. C	0.1		9	8.9			19.8			14.7	17.1	19.4	14.3				14.2	16.350	19.4
Dissolved Oxygen		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	20		<14	2.9	<14	<14	<14		1.1	17	<14	7	11	11			1.1	9.430	17
Aluminium (Dissolved)	mg/L	0.005		1	0	0.93	2.7	2.7			0.1	2	0.961	0.74	0.389		0.338	1.028	7	
Ammonia-N	mg/L	0.01		0.05	17	0.22	0.051	0.040		<0.02	0.15	0.065	0.049	0.172	0.108		0.049	0.109	0.172	
Arsenic (Dissolved)	mg/L	0.005		<0.0005	0.0051		0.00042	0.00076		<0.02	<0.02	<0.01	0.005	<0.001			0.001	0.001	0.001	
Cadmium (Dissolved)	mg/L	0.005		<0.0005	42		<0.0005	<0.0005		<0.002	<0.002	<0.01	<0.001	N/A			0	<EDV01	0	
Calcium	mg/L	0.1		2	42		1.4	0.86		2.7	1.6	0.82	0.776	1.88	2.09			0.776	1.644	2.7
Chloride	mg/L	2		20	130	<0.1	38	25		110	44	7.6	1.48	27	22.3		1.48	35.397	110	
Chromium (Total)	mg/L	0.005		<0.0005	0.002		0.0006	0.00056		<0.01	<0.01	<0.1	<0.001	<0.001			0	<EDV01	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	<EDV01	0	
Electrical Conductivity	µd/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	<0.01	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		0.59	3.2	0.214	10.7	0.086			0.086	2.958	10.7	
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	0.532	1.59	2		0.532	2.427	6.6	
Manganese (Total)	mg/L	0.005		0.021	0.37	0.097	0.0013	0.0024		0.076	0.057	0.015	0.093	0.133			0.015	0.075	0.133	
Mercury*	µg/L	0.05		<0.05	<0.05		<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	<0.0005			0	<EDV01	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	<EDV01	0	
Nitrogen - Nitrate-N	mg/L	0.05		1.9	<0.02		0.69	<0.02		0.46	0.01	<0.01	<0.05	0.255	1.04		0.01	0.441	1.04	
Nitrogen - Nitrite-N	mg/L	0.01		0.05	0.09		<0.01	<0.01		0.014	<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		0.965	2.18	0.41			0.41	1.044	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		188	100	57.9	177	198	120		57.9	136.817	198	
Sodium	mg/L	0.15		15	120		24	14		51	27	4.9	4.77	12.4	13.8		4.77	18.978	51	
Sulphate	mg/L	2		3	37		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		<0.1	<0.1	<1	<1	N/A			0	<EDV01	0	
TRH C10-C14*	µg/L	50		<50	260		<50	<50		<50		<50	<50	N/A			0	<EDV01	0	
TRH C15-C28*	µg/L	100												N/A			0	<EDV01	0	
TRH C29-C38*	µg/L	100												N/A			0	<EDV01	0	
TRH C10-C38*	µg/L	100												N/A			0	<EDV01	0	
Suspended Solids	mg/L				5	10	4.5	20	28	34	16	52	43		148	124		16	69.500	148
Alkalinity - Hydroxide	mg/L	0													N/A		0	<EDV01	0	
Chromium (VI)	mg/L	0.05													<0.001		0	<EDV01	0	
Mercury (Dissolved)*	µg/L	0.05													N/A		0	<EDV01	0	
OCOP in Water*	µg/L	0.2		ND	ND		ND	ND			<0.2	<0.2	<0.2	<0.2	<1		0	<EDV01	0	
Date Obtained				30/09/2022	20/09/2022	19/10/2022	7/12/2022	22/03/2023	6/06/2023	4/09/2023	11/12/2023	4/03/2024	24/06/2024							
Date Published				21/06/2022	4/10/2022	26/10/2022	21/12/2022	31/03/2023	30/06/2023	26/09/2023	22/12/2023	8/04/2024								