Boonoo Boonoo Discharge Point 5

Date Sampled

Analyte	Unit	PQL	28/07/2014	9/9/2014	4/12/2014	10/3/2015	23/6/153	15/9/2015	8/12/2015	15/3/2016	21/6/2016	8/11/2016	12/5/2016	28/3/2017	8/6/2017	7/9/2017	13/12/2017	3/4/2018	15/06/2018	28/09/2018	19/06/2019	13/12/2019	1/04/2020	26/06/2020	1/04/2021	21/09/2021	15/12/2021	7/03/2022	30/05/2022	28/09/2022	7/12/2022	31/03/2023	30/06/2023	4/09/2023	11/12/2023	4/03/2024	24/06/2024	9/09/2024	2/12/2024	24/03/2025	3/04/2025	29/05/2025	Min Since 28/07/2014	Mean Since 28/07/2014	Max Since 28/07/2014
			Sample No. 14/1100	Sample No. 14/1552	Sample No. 14/2042	Sample No. 15/0422	Sample No. 15/0907-3	Sample No. 15/1497	Sample No. 15/1980	Sample No. 16/0424	Sample No. 16/0896	Sample No. 16/1802	Sample No. 16/1969	Sample No. 17/0526	Sample No. 17/0935	Sample No. 17/1480	Sample No. 17/2051	Sample No. 18/0542	Sample No. 18/0940	Sample No. 18/1489	Sample No. 19/1019	Sample No. 19/2129	Sample No. 20/0583	Sample No. 20/0991	Sample No. 21/0474-5	Sample No. 21/1276-5																			
Water Level#	m	0.1		1.8	0	1.9	190	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	Dry	Dry	Dry	Dry	Dry	Dry			
Temperature - field	Deg. C	0.1	10	12	0	18	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	1.39	22.20
Dissolved Oxygen	mg/L	0.2	4.23	6.91	0	6.9	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.11	1.80
Alkalinity (as CaCO3)	mg/L	20	27	33	0	30	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	513	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	32.06	513.00
Aluminium (Dissolved)	mg/L	0.005	0.18	0.107	0	0.29	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.01	0.21
Ammonia-N	mg/L	0.01	0.12	0.05	0	0.17	0.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	2.44	39.00
Arsenic (Dissolved)	mg/L	0.005	0.011	0.011	0	0.007	0.006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.01
Cadmium (Dissolved)	mg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
Calcium	mg/L	0.1	37	7.4	0	4.8	4.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	5.31	84.90
Chloride	mg/L	2	38.55	34.77	0	28	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	374	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	23.38	374.00
Chromium (Total)	mg/L	0.005	0.073	<0.005	0	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.034	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.03
Cobalt (Dissolved)	mg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
Electrical Conductivity	µS/cm	1		180	0	137	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2550	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	159.38	2550.00
Copper (Dissolved)	mg/L	0.005	<0.005	<0.005	0	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.02
Iron (Total)	mg/L	0.005	29.25	1.882	0	1.74	6.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.05	0.79
Lead (Dissolved)	mg/L	0.005	<0.005	0.009	0	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.01
Magnesium	mg/L	0.1	17	3.2	0	2.2	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	1.46	23.40
Manganese (Total)	mg/L	0.005	0.764	0.189	0	0.12	0.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.01	0.20
Mercury*	ug/L	0.05		<0.05	0	<0.05	<0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
Nickel (Dissolved)	mg/L	0.005	<0.005	<0.005	0	<0.05	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.02
Nitrogen - Nitrate-N	mg/L	0.05	0.24	<0.05	0	0.08	<0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
Nitrogen - Nitrite-N	mg/L	0.01	0.11	<0.01	0	<0.01	<0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
Nitrogen - Total Kjeldahl	mg/L	0.1	uncertain*	0.3	0	0.4	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	5.10	81.60
pH	pH	0.1	5.61	5.7	0	5.9	5.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	7.90	7.90
Potassium	mg/L	0.1	19.3	2.9	0	3	2.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	11.75	188.00
Redox Potential#	mV	-500	180.2	349	0	180	410	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	19.63	314.00
Sodium	mg/L	0.15	25.8	20.3	0	19	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	16.44	263.00
Sulphate#	mg/L	2	2.25	2.62	0	<2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	10.94	175.00
Total Organic Carbon*	mg/L	1	5	3	0	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	6.88	110.00
Zinc (Total)	mg/L	0.005	0.166	0.015	0	0.023	0.015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.094	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.01	0.09
PAHs in water*	µg/L	1	[ND]	<5	0	0	ND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
TRH C10-C14*	µg/L	50	<50	<50			<50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	540	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	33.75	540.00
TRH C15-C28*	µg/L	100	<100	<100			<100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
TRH C29-C36*	µg/L	100	<100	<100		0	<100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
TRH C10-C36*	µg/L	100			0		<100					0	0						0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
																										0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Alkalinity - Hydroxide	mg/L	0		0				0	0	0	0	0	0	0	0	0	0	0	0	0	0					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
Chromium (VI)	mg/L	0.05	<0.05					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
Mercury (Dissolved)*	µg/L	0.05	<0.05									0	0						0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
OC/OP in Water*	ug/L	0.2		<0.2	0		<0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00
	Date Obtained		28/07/2014	10/09/2014	4/12/2014	30/03/2015	6/07/2015	28/09/2015	8/12/2015	15/03/2016	21/06/2016	8/11/2016	12/05/2016	28/03/2017	8/06/2017	7/09/2017	13/12/2017	3/04/2018	15/06/2018	28/09/2018	19/06/2019	13/12/2019	1/04/2020	26/06/2020	1/04/2021	7/09/2021	13/12/2021		30/05/2022	20/09/2022		20/03/2023	9/06/2023	4/09/2023	1/12/2023	4/03/2024	24/06/2024								
	Date Published			23/09/2014	6/01/2015	7/04/2015	8/08/2015	29/09/2015	21/31/2015	31/03/2016	5/07/2016	21/31/2016	20/12/2016	11/04/2017	26/06/2017	20/09/2017	22/12/2017	12/04/2018	29/06/2018	16/10/2018	10/07/2019	8/01/2020	14/04/2020	10/07/2020	15/04/2021	21/09/2021	4/01/2022		21/06/2022	4/10/2022		31/03/2023	30/06/2023	26/09/2023	22/12/2023	8/04/2024								