

Boonoo Boonoo Discharge and Monitoring Point 2

Analyte	Unit	PQL	Date Sampled																				Min Since 10/12/2013	Mean Since 10/12/2013	Max Since 10/12/2013	
			10/12/2013	3/3/2014	4/12/2014	10/3/2015	23/6/2015	15/9/2015	7/12/2015	15/3/2016	21/6/2016	8/11/2016	5/12/2016	28/3/2017	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
			Sample No. 13/2166	Sample No. 14/0376	Sample No. 14/2042	Sample No. 15/0422	Sample No. 15/0997	Sample No. 1497	Sample No. 15/1980	Sample No. 16/0424	Sample No. 16/0996	Sample No. 16/1802	Sample No. 16/1969	Sample No. 17/0521	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
Water Level#	m	0.1	3.55	3.75	0	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	0	2.43	3.75		
Temperature - field	Deg. C	0.1	19	16.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.23	19	
Dissolved Oxygen	mg/L	0.2	6.6	3.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.65	6.6	
Alkalinity (as CaCO3)	mg/L	20	<20	<20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0	
Aluminium (Dissolved)	mg/L	0.005	0.075	0.153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0.153	
Ammonia-N	mg/L	0.01	<0.01	<0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
Arsenic (Dissolved)	mg/L	0.005	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
Cadmium (Dissolved)	mg/L	0.005	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
Calcium	mg/L	0.1	2.1	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.29	2.5	
Chloride	mg/L	2	51	37.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.51	51	
Chromium (Total)	mg/L	0.005	<0.005	0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.02	
Cobalt (Dissolved)	mg/L	0.005	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
Electrical Conductivity	µS/cm	1	201	153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.13	201	
Copper (Dissolved)	mg/L	0.005	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
Iron (Total)	mg/L	0.005	2.53	48.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.17	48.15	
Lead (Dissolved)	mg/L	0.005	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
Magnesium	mg/L	0.1	3.1	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.59	6.4	
Manganese (Total)	mg/L	0.005	0.039	0.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.03	0.42	
Mercury*	ug/L	0.05	<0.05	<0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
Nickel (Dissolved)	mg/L	0.005	<0.005	<0.005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
Nitrogen - Nitrate-N	mg/L	0.05	2.21	1.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.22	2.21	
Nitrogen - Nitrite-N	mg/L	0.01	<0.01	<0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
Nitrogen - Total Kjeldahl	mg/L	0.1	0.2	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.06	0.8	
pH	pH	0.1	5.1	5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.64	5.2	
Potassium	mg/L	0.1	4.2	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.86	9.5	
Redox Potential#	mV	-500	324	209	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33.31	324	
Sodium	mg/L	0.15	26.1	16.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.67	26.1	
Sulphate#	mg/L	2	<2	2.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.16	2.36	
Total Organic Carbon*	mg/L	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.31	4	
Zinc (Total)	mg/L	0.005	0.033	0.153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.01	0.153	
PAHs in water*	µg/L	1	[ND]	[ND]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
TRH C10-C14*	µg/L	50	<50																						0.00	0
TRH C15-C28*	µg/L	100	<100																						0.00	0
TRH C29-C36*	µg/L	100	<100																						0.00	0
TRH C10-C36*	µg/L	100		[ND]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0
Alkalinity - Hydroxide	mg/L	0																							0.00	0
Chromium (VI)	mg/L	0.05																							0.00	0
Mercury (Dissolved)*	µg/L	0.05																							0.00	0
OC/OP in Water*	ug/L	0.2	<0.2	<0.2	0																				0.00	0
Date Obtained			11/12/2013	4/03/2014	4/12/2014	30/03/2015	6/07/2015	28/09/2015	8/12/2015	15/03/2016	21/06/2016	8/11/2016	5/12/2016	28/03/2017	8/06/2017	7/09/2017	13/12/2017	3/04/2018	15/06/2018	28/09/2018	19/09/2019	13/12/2019	1/04/2020			
Date Published					6/01/2015	7/04/2015	8/08/2015	29/09/2015	21/12/2015	31/03/2016	5/07/2016	21/11/2016	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			