



EPL No:	4865
Entity Name	Enviroguard Pty Ltd
Site:	50 Quarry Road, Erskine Park NSW
Monitoring Frequency:	Quarterly
Link to NSW EPA Register:	Click Here

Sample ID	Published Date	Obtained Date	Date sampled	Physical Parameters						Surface Water Analytical Suite						Comments	
				Temp	DO	pH	ORP	Conductivity	TDS	pH	Electrical Conductivity	Total Suspended Solids (TSS)	Total Organic Carbon (TOC)	Chemical Oxygen Demand (COD)	BOD ₅		Ammonia as N
				°C	mg/L		mV	µs/cm	g/L	pH Unit	µS/cm	mg/L	mg/L	mg/L	mg/L		mg/L
			Assessment Criteria			6.5-8.5					-	50	-	-	-	1	
SD002			23/03/2016	Dry						Dry						SD002 was dry and therefore not sampled during this event	
			27/06/2016	-1.52	8.79	7.26	203	558	281	7.42	822	54	17	35	<LOR	0.31	Light brown, slight silt.
			19/09/2016	11.90	3.14	7.97	-18	1020	693.6	7.23	903	7	8	21	6	0.07	Clear, overgrown with vegetation.
			15/12/2016	Dry						Dry						SD002 was dry and therefore not sampled during this event	
			28/03/2017	*	1.92	8.27	-212.00	617.00	419.56	7.63	612	15	14	44	<2	0.04	Light grey/ brown.
			29/06/2017	11.50	3.35	8.27	-114	680	462	7.75	573	27	9	<LOR	10	0.02	Slightly cloudy, yellow, no odour
			29/09/2017	14.50	4.05	7.83	-66	1287	875	8.01	1,020	246	17	71	11	0.04	Turbid, brown
			20/12/2017	35.20	nt	8.36	35.1	2,146	1459	8.17	1,750	172	50	121	40	0.04	Silty, no odour
			5/12/2018	18.80	1.25	7.73	32.5	816	555	7.29	590	12	14	50	5	0.02	Light brown, turbid, no odour.
			28/03/2019	18.60	0.35	7.20	211.5	930	632	7.82	1100	284	22	52	<2	0.02	Light brown, no odour.
			19/06/2019	11.10	2.83	7.19	235.6	848	577	7.58	1100	55	14	36	2	0.02	Light brown, turbid, no odour. Low algal, evidence of recent rain
			27/09/2019	13.30	2.46	7.20	297	1,101	749	7.76	1150	22	13	41	4	0.03	Light brown, turbid, no odour. Low algal, evidence of recent rain
			10/12/2019	Dry						Dry						SD002 was dry and therefore not sampled during this event	
			10/03/2020	19.00	0.32	7.25	7	1,083	-	7.25	1083	20	16	56	3	0.08	Low turbidity, no odour, no sheen, emergents present, high water level.
			24/06/2020	7.30	5.84	7.45	269	696	-	7.45	696	496	11	80	3	0.02	Low turbidity, shallow water in reed bed.
			28/09/2020	SD002 was dry and therefore not sampled during this event													
		5/02/2021	3/02/2021	9/12/2020	SD002 was dry and therefore not sampled during this event												
	2/06/2021	19/05/2021	4/03/2021	SD002 was dry and therefore not sampled during this event													

SD003			23/03/2016	19.90	5.27	6.23	192	871	499	8.23	677	11	16	38	<LOR	<LOR	Clear - light brown. Murky. Algae and vegetation growth.	
			27/06/2016	5.00	4.63	7.03	145	817	461	7.91	454	20	12	38	<LOR	0.54	-	
			19/09/2016	25.00	5.48	7.35	107	445	302.6	7.95	637	21	10	36	4	<LOR		Green/ brown, vegetation present.
			15/12/2016	23.70	4.80	8.05	8	900	612	8.40	891	72	20	45	5	0.02		Silty, cloudy. No odour or sheen
			28/03/2017	*	7.31	9.46	-66	580	394.4	8.37	425	65	7	34	4	0.05		Dark grey, brown.
			29/06/2017	12.80	7.87	9.46	-42	531	361	8.19	553	39	9	<LOR	4	0.07		Cloudy, slightly white, no odour
			29/09/2017	17.90	8.05	8.78	-79.3	113.6	77	8.34	732	52	10	32	3	0.05		Turbid, brown
			20/12/2017	33.00	1.24	9.09	19.2	1,339	911	8.70	995	78	14	55	11	0.04		Silty, no odour
			29/03/2018	27.60	1.20	8.94	15.7	1,334	907	8.34	1060	22	7	27	<LOR	0.03		No odour, silty
			29/03/2018	14.00	10.33	8.08	156	2,180	1482	8.23	2290	15	14	39	3	0.03		Clear, no odour
			26/09/2018	14.00	9.79	8.32	196.6	596	405	8.13	2660	86	16	48	<2	0.1		Light brown, turbid, no odour.
			5/12/2018	23.00	0.30	7.45	41.4	885	602	7.50	924	14	25	26	2	0.03		Light brown, turbid, no odour.
			28/03/2019	21.50	2.87	7.95	246.8	695	473	8.00	704	26	10	23	<2	0.05		Brown, slightly turbid, no odour.
			19/06/2019	12.50	8.94	11.19	224.8	594	404	8.28	796	9	9	24	2	<0.01		Light brown, turbid, no odour. Very low water level
			27/09/2019	19.40	12.62	9.11	270	862	586	8.16	902	8	12	39	6	0.03		Light brown, turbid, no odour. No Evidence of overflow
			10/12/2019	26.10	5.03	8.21	257	2,076	1412	7.76	1,100	38	13	48	7	0.02		Slightly turbid, no odour. No Evidence of overflow
			10/03/2020	25.00	6.74	8.33	89	1,345	-	8.33	1345	21	10	<10	<2	0.02		Silty, turbid, no odour, no sheen, no emergents present.
			24/06/2020	14.10	9.04	7.85	467	1,074	-	7.85	1074	10	8	37	2	0.08		Moderate turbidity, no emergents, high water level, no algae observed.
			28/09/2020	19.00	9.67	8.20	-8	1,065	724	8.60	1065	8	8.2	24	<5	0.03		Pale green-brown colour, low turbidity, no odour.
				5/02/2021	3/02/2021	9/12/2020	19.90	8.99	8.04	-21.7	1,007	-	Refer to row G	Refer to row J	170	8	49	5
	2/06/2021	19/05/2021	4/03/2021	24.90	7.50	9.68	112.0	1,221	5	Refer to row G	Refer to row J	<5	0.2	<10	<5	0.01		
SD004	2/06/2021	19/05/2021	4/03/2021	22.00	9.26	9.76	140.0	754	5	Refer to row G	Refer to row J	56	7.4	23	<5	0.04		