



EPL No:	4865
Entity Name:	Enviroguard Pty Ltd
Site:	4 Quarry Road, Erskine Park NSW
Monitoring Frequency:	Quarterly
Link to NSW EPA Register:	<a href="#">Click Here</a>

### Pollutant Monitoring Results - Groundwater

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		pH (field)	Electrical Conductivity	Standing water level	Total Dissolved Solids	Total Organic Carbon (TOC)	Aluminium	Arsenic	Barium	Cadmium	Calcium	Total Chromium	Cobalt	Copper	Lead	Magnesium	Manganese	Zinc	Mercury	Hexavalent Chromium	Potassium	Sodium	Alkalinity (as CaCO3)	Ammonia (as N)	Chloride	Total Phenolics	Fluoride	Nitrate	Nitrite	Sulphate	Benzene	Toluene	Ethylbenzene	Xylenes	Organochlorine Pesticides	Organophosphate Pesticides	Total Petroleum Hydrocarbons	PAHs	
		µmhos/cm	µmhos/cm	m	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
BH18 (EPA ID 9)	20-Dec-22	6.64	10513	24.37	7100	5.1	-	-	-	-	180	-	-	-	240	-	-	-	-	50	1900	1000	5.3	3.800	-	-	-	-	3.3	-	-	-	-	-	-	-	-	-	
	20-Mar-23	6.55	11403	24.32	7900	3.9	-	-	-	-	170	-	-	-	250	-	-	-	-	45	1700	980	6	3,700	-	-	-	-	13	-	-	-	-	-	-	-	-	-	
	19-Jun-23	6.65	12417	28	7100	3.7	0.11	0.001	21	0.0001	160	0.001	0.001	0.001	0.001	200	0.18	0.01	0.0001	0.004	50	1900	940	6.2	4,300	0.05	0.3	0.05	0.005	5.8	0.0005	0.0005	0.0005	0.0015	0.001	0.0005	1.7	0.001	
	25-Sep-23	6.33	10572	24.1	6400	2.8	-	-	-	-	160	-	-	-	-	180	-	-	-	-	50	1900	940	5.9	3,500	-	-	-	-	14	-	-	-	-	-	-	-	-	-
	Samples Required by licence	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	4	4	4	4	4	1	1	1	1	4	1	1	1	1	1	1	1	1	1
Samples Collected	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	4	4	4	4	4	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1
Min	6.33	10513	24.1	6400	2.8	0.11	0.001	21	0.0001	160	0.001	0.001	0.001	0.001	180	0.18	0.01	0.0001	0.004	45	1700	940	5.3	3500	0.05	0.3	0.05	0.005	3.3	0.0005	0.0005	0.0005	0.0015	0.001	0.0005	1.7	0.001		
Max	6.65	12417	28	7900	5.1	0.11	0.001	21	0.0001	180	0.001	0.001	0.001	0.001	250	0.18	0.01	0.0001	0.004	50	1900	1000	6.2	4300	0.05	0.3	0.05	0.005	5.8	0.0005	0.0005	0.0005	0.0015	0.001	0.0005	1.7	0.001		
Avg	6.5425	11236.25	25.1975	7125	3.875	0.11	0.001	21	0.0001	167.5	0.001	0.001	0.001	0.001	217.5	0.18	0.01	0.0001	0.004	48.75	1850	965	5.85	3825	0.05	0.3	0.05	0.005	5.8	0.0005	0.0005	0.0005	0.0015	0.001	0.0005	1.7	0.001		
BH15A (EPA ID 10)	20-Dec-22	6.95	8623	11.14	5700	0.9	-	-	-	-	270	-	-	-	65	-	-	-	-	42	1700	950	8.5	3,000	-	-	-	-	9.3	-	-	-	-	-	-	-	-	-	
	21-Mar-23	6.7	9591	11.62	7600	4.3	-	-	-	-	220	-	-	-	82	-	-	-	-	31	1100	660	5.4	3,200	-	-	-	-	19	-	-	-	-	-	-	-	-	-	
	20-Jun-23	6.75	10789	11.61	6400	1.3	0.011	0.001	26	0.0001	360	0.001	0.001	0.001	0.001	59	0.024	0.011	0.0001	0.004	42	1700	940	13	3,200	0.05	0.21	0.05	0.005	5	0.0005	0.0005	0.0005	0.0015	0.001	0.0005	0.05	0.001	
	25-Sep-23	6.12	9404	11.19	5800	1.1	-	-	-	-	230	-	-	-	-	63	-	-	-	-	44	1800	1000	8.8	3,100	-	-	-	-	13	-	-	-	-	-	-	-	-	-
	Samples Required by licence	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	4	4	4	4	4	1	1	1	1	4	1	1	1	1	1	1	1	1	1
Samples Collected	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	4	4	4	4	4	1	1	1	1	4	1	1	1	1	1	1	1	1	1	
Min	6.12	8623	11.14	5700	0.9	0.011	0.001	26	0.0001	220	0.001	0.001	0.001	0.001	59	0.024	0.011	0.0001	0.004	31	1100	660	5.4	3000	0.05	0.21	0.05	0.005	5	0.0005	0.0005	0.0005	0.0015	0.001	0.0005	0.05	0.001		
Max	6.95	10789	11.62	7600	4.3	0.011	0.001	26	0.0001	360	0.001	0.001	0.001	0.001	82	0.024	0.011	0.0001	0.004	44	1800	1000	13	3200	0.05	0.21	0.05	0.005	19	0.0005	0.0005	0.0005	0.0015	0.001	0.0005	0.05	0.001		
Avg	6.63	9596.75	11.39	6375	1.9	0.011	0.001	26	0.0001	270	0.001	0.001	0.001	0.001	67.5	0.024	0.011	0.0001	0.004	39.75	1575	800	6.7	3175	0.05	0.21	0.05	0.005	11.575	0.0005	0.0005	0.0005	0.0015	0.001	0.0005	0.05	0.001		
BH15B (EPA ID 11)	20-Dec-22	7.51	4578	12.11	3200	4.6	-	-	-	-	200	-	-	-	24	-	-	-	-	24	850	600	1.7	1,500	-	-	-	-	39	-	-	-	-	-	-	-	-	-	
	21-Mar-23	6.59	6946	12.14	4200	0.9	-	-	-	-	180	-	-	-	85	-	-	-	-	48	2,200	710	7.5	4,100	-	-	-	-	2200	-	-	-	-	-	-	-	-	-	
	20-Jun-23	6.71	6290	14.36	1400	8.8	0.18	0.002	4.6	0.0002	120	0.004	0.002	0.017	0.091	52	0.073	2.3	0.0001	0.004	12	340	530	0.51	520	0.05	0.5	0.16	0.005	69	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.2	0.001	
	25-Sep-23	6.17	4588	12.37	6200	7.4	-	-	-	-	280	-	-	-	-	130	-	-	-	-	60	2,100	780	5.1	3,300	-	-	-	-	21	-	-	-	-	-	-	-	-	-
	Samples Required by licence	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	4	4	4	4	4	1	1	1	1	4	1	1	1	1	1	1	1	1	1
Samples Collected	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	4	4	4	4	4	1	1	1	1	4	1	1	1	1	1	1	1	1	1	
Min	6.17	4578	12.11	1400	0.9	0.18	0.002	4.6	0.0002	120	0.004	0.002	0.017	0.091	52	0.073	2.3	0.0001	0.004	12	340	530	0.51	520	0.05	0.5	0.16	0.005	21	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.2	0.001		
Max	7.51	6946	14.36	6200	8.8	0.18	0.002	4.6	0.0002	280	0.004	0.002	0.017	0.091	130	0.073	2.3	0.0001	0.004	60	2200	780	7.5	4100	0.05	0.5	0.16	0.005	2200	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.2	0.001		
Avg	6.745	5600.5	12.745	3750	5.425	0.18	0.002	4.6	0.0002	195	0.004	0.002	0.017	0.091	85	0.073	2.3	0.0001	0.004	36	1360	655	3.7025	2355	0.05	0.5	0.16	0.005	580	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.2	0.001		
BH16A (EPA ID 12)	19-Dec-22	6.88	9700	lockage @ 1mb	7200	1.3	-	-	-	-	180	-	-	-	83	-	-	-	-	49	2,000	660	6.9	4,100	-	-	-	-	9.9	-	-	-	-	-	-	-	-	-	
	21-Mar-23	6.89	11643	lockage @ 1mb	6400	1.5	-	-	-	-	380	-	-	-	62	-	-	-	-	38	1,600	950	10	3,100	-	-	-	-	11	-	-	-	-	-	-	-	-	-	
	19-Jun-23	7.04	13163	lockage @ 1mb	7600	0.6	0.03	0.001	40	0.0001	170	0.001	0.001	0.004	0.001	81	0.068	0.02	0.0001	0.004	50	2,200	630	7.9	4,100	0.05	0.44	0.1	0.005	5.4	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.2	0.001	
	25-Sep-23	6.55	11862	lockage @ 1mb	6500	1	-	-	-	-	170	-	-	-	-	81	-	-	-	-	49	2,200	630	7.4	4,100	-	-	-	-	7.6	-	-	-	-	-	-	-	-	
	Samples Required by licence	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	4	4	4	4	4	1	1	1	4	1	1	1	1	1	1	1	1	1	
Samples Collected	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	4	4	4	4	4	1	1	1	4	1	1	1	1	1	1	1	1	1		
Min	6.55	9700	lockage @ 1mb	6400	0.6	0.03	0.001	40	0.0001	170	0.001	0.001	0.004	0.001	62	0.068	0.02	0.0001	0.004	38	1600	630</																	

		pH (field)	Electrical Conductivity	Standing water level	Total Dissolved Solids	Total Organic Carbon (TOC)	Aluminium	Arsenic	Barium	Cadmium	Calcium	Total Chromium	Cobalt	Copper	Lead	Magnesium	Manganese	Zinc	Mercury	Hexavalent Chromium	Potassium	Sodium	Alkalinity (as CaCO3)	Ammonia (as N)	Chloride	Total Phenolics	Fluoride	Nitrate	Nitrite	Sulphate	Benzene	Toluene	Ethylbenzene	Xylenes	Organochlorine Pesticides	Organophosphate Pesticides	Petroleum Hydrocarbons	PAHs	
		pH units	uS/cm	mbTDC	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BH23 (EPA ID 22) now BH23R	Avg	10.79	477	15.31	15000	2.5	-	-	-	-	-	-	-	-	-	1100	-	-	-	-	47	2100	750	3.4	7.500	-	-	-	70	-	-	-	-	-	-	-	-	-	-
	19-Dec-22	8.17	442.7	16.41	150	18	-	-	-	-	21	-	-	-	-	4.2	-	-	-	-	8.2	17	94	0.01	29	-	-	16	-	-	-	-	-	-	-	-	-	-	
	21-Mar-23	8.18	1095	17.3	130	5.4	4.1	0.001	0.074	0.0001	20	0.019	0.006	0.023	0.007	3.7	0.29	0.05	0.0001	0.004	5.7	9	73	0.01	18	0.05	0.1	0.39	0.005	5.4	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.44	0.001	
	26-Sep-23	5.98	280.8	15.28	84	4.5	-	-	-	-	14	-	-	-	-	3.7	-	-	-	-	4.8	7	4.8	0.01	14	-	-	5.8	-	-	-	-	-	-	-	-	-	-	
	Required by licence	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	1	4	4	4	4	4	1	1	1	4	1	1	1	1	1	1	1	1	1
	Collected	4	-	4	4	4	1	1	1	1	3	1	1	1	1	4	1	1	1	1	1	4	4	4	4	4	1	1	1	4	1	1	1	1	1	1	1	1	1
Min	5.98	280.8	15.28	84	2.5	4.1	0.001	0.074	0.0001	14	0.019	0.006	0.023	0.007	3.7	0.29	0.05	0.0001	0.004	4.8	7.1	4.8	0.01	14	0.05	0.1	0.39	0.005	5.4	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.44	0.001		
Max	10.79	1095	17.3	15000	18	4.1	0.001	0.074	0.0001	21	0.019	0.006	0.023	0.007	1100	0.29	0.05	0.0001	0.004	47	2100	750	3.4	7500	0.05	0.1	0.39	0.005	70	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.44	0.001		
Avg	8.28	573.875	16.075	3841	7.6	4.1	0.001	0.074	0.0001	18.33333333	0.019	0.006	0.023	0.007	277.9	0.29	0.05	0.0001	0.004	16.425	533.325	230.45	0.8575	1890.25	0.05	0.1	0.39	0.005	24.3	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.44	0.001		
BH24 (EPA ID 28) now BH24R	19-Dec-22	6.06	5733	23.44	3800	2.5	-	-	-	40	-	-	-	-	280	-	-	-	-	-	18	910	1300	0.05	1500	-	-	220	-	-	-	-	-	-	-	-	-		
	21-Mar-23	5.83	6434	23.32	3800	4.9	-	-	-	54	-	-	-	-	270	-	-	-	-	-	18	910	1300	0.05	1500	-	-	220	-	-	-	-	-	-	-	-	-		
	20-Jun-23	7.44	11246	23.32	3700	2.1	2.5	0.036	13	0.0001	240	0.008	0.011	0.009	0.004	620	0.67	0.085	0.0001	0.004	39	960	870	0.2	3.500	0.05	1.5	0.05	0.005	28	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.2	0.001	
	26-Sep-23	6.4	5485	23.23	3800	2.3	-	-	-	24	-	-	-	-	250	-	-	-	-	-	18	900	1200	0.01	1400	-	-	200	-	-	-	-	-	-	-	-	-		
	Required by licence	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	1	4	4	4	4	4	1	1	1	4	1	1	1	1	1	1	1	1	
	Collected	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	1	4	4	4	4	4	1	1	1	4	1	1	1	1	1	1	1	1	
Min	5.83	5485	23.23	3700	2.1	2.5	0.036	13	0.0001	24	0.008	0.011	0.009	0.004	250	0.67	0.085	0.0001	0.004	18	900	870	0.01	5.1	0.05	1.5	0.05	0.005	4.7	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.2	0.001		
Max	7.44	11246	23.44	3800	4.9	2.5	0.036	13	0.0001	240	0.008	0.011	0.009	0.004	620	0.67	0.085	0.0001	0.004	39	960	1300	0.2	3500	0.05	1.5	0.05	0.005	220	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.2	0.001		
Avg	6.5825	7224.5	23.3275	3775	2.95	2.5	0.036	13	0.0001	89.5	0.008	0.011	0.009	0.004	355	0.67	0.085	0.0001	0.004	25	922.5	1142.5	0.085	1601.275	0.05	1.5	0.05	0.005	113.175	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.2	0.001		
BH25A	21-Sep-22	7.44	8815	10.16	6500	1.8	-	-	-	180	-	-	-	-	280	-	-	-	-	-	57	1500	370	4.7	3400	-	-	36	-	-	-	-	-	-	-	-	-		
	20-Mar-23	5.39	5194	10.53	6200	8.2	-	-	-	190	-	-	-	-	260	-	-	-	-	-	38	1300	470	4.3	3100	-	-	10	-	-	-	-	-	-	-	-	-		
	20-Jun-23	7.16	10364	11.24	6200	8.6	0.095	0.001	12	0.0001	190	0.002	0.001	0.001	0.001	260	0.4	0.012	0.0001	0.004	37	1200	480	4.4	3100	0.05	0.31	0.05	0.005	5.9	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.88	0.001	
	26-Sep-23	6.67	9096	10.85	6700	8.7	-	-	-	190	-	-	-	-	250	-	-	-	-	-	38	1200	470	4.4	3100	-	-	11	-	-	-	-	-	-	-	-	-		
	Required by licence	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	1	4	4	4	4	4	1	1	1	4	1	1	1	1	1	1	1	1	
	Collected	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	1	4	4	4	4	4	1	1	1	4	1	1	1	1	1	1	1	1	
Min	5.39	5194	10.16	6200	1.6	0.095	0.001	12	0.0001	180	0.002	0.001	0.001	0.001	250	0.4	0.012	0.0001	0.004	37	1200	370	4.3	3100	0.05	0.31	0.05	0.005	5.9	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.88	0.001		
Max	7.44	10364	11.24	6700	8.7	0.095	0.001	12	0.0001	190	0.002	0.001	0.001	0.001	280	0.4	0.012	0.0001	0.004	57	1500	480	4.7	3400	0.05	0.31	0.05	0.005	35	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.88	0.001		
Avg	6.665	8367.25	10.695	6400	6.775	0.095	0.001	12	0.0001	187.5	0.002	0.001	0.001	0.001	262.5	0.4	0.012	0.0001	0.004	42.5	1300	447.5	4.45	3175	0.05	0.31	0.05	0.005	15.475	0.0005	0.0005	0.0005	0.0015	0.001	0.002	0.88	0.001		
BH25B	20-Dec-22	7.15	8395	10.22	5800	2.9	-	-	-	200	-	-	-	-	260	-	-	-	-	-	48	1300	530	4.8	3000	-	-	14	-	-	-	-	-	-	-	-			
	20-Mar-23	7.06	9427	10.44	6500	2.5	-	-	-	200	-	-	-	-	250	-	-	-	-	-	44	1300	540	5	3200	-	-	5.5	-	-	-	-	-	-	-	-			
	20-Jun-23	7.15	10372	10.32	6400	2.7	0.036	0.001	29	0.0001	190	0.001	0.001	0.001	240	0.15	0.013	0.0001	0.004	44	1300	510	5.1	3300	0.05	0.21	0.05	0.005	4.1	0.0085	0.0005	0.001	0.002	0.001	0.002	0.66	0.001		
	26-Sep-23	6.87	6550	10.74	6200	2.3	-	-	-	180	-	-	-	-	240	-	-	-	-	-	44	1400	540	5.1	3300	-	-	11	-	-	-	-	-	-	-	-	-		
	Required by licence	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	1	4	4	4	4	4	1	1	1	4	1	1	1	1	1	1	1	1	
	Collected	4	-	4	4	4	1	1	1	1	4	1	1	1	1	4	1	1	1	1	1	4	4	4	4	4	1	1	1	4	1	1	1	1	1	1	1	1	
Min	6.87	6550	10.22	5900	2.3	0.036	0.001	29	0.0001	180	0.001	0.001	0.001	0.001	240	0.15	0.013	0.0001	0.004	44	1300	510	4.8	3000	0.05	0.21	0.05	0.005	4.1	0.0085	0.0005	0.001	0.002	0.001	0.002	0.66	0.001		
Max	7.15	10372	10.74	6500	2.9	0.036	0.001	29	0.0001	200	0.001	0.001	0.001	0.001	260	0.15	0.013	0.0001	0.004	48	1400	540	5.1	3300	0.05	0.21	0.05	0.005	14	0.0085	0.0005	0.001	0.002	0.001	0.002	0.66	0.001		
Avg	7																																						