

Table 1: Q3 April 2023 - Field Work Observations

Well ID	Gauging Date	TOC Elevation (mAHD)	Total Depth (mbTOC)	Depth to Water (mbTOC)	Corrected Water Elevation	Methane (ppm)	Carbon Dioxide	Oxygen	PID Well Headspace ⁽¹⁾	PID GW Headspace ⁽¹⁾	pH	EC (uS)	mV	DO (mg/l)	Temp (°C)	Turbidity (NTU)	Comments			
																	Turbidity	Colour	Odour	Flow
BH1	27/04/2023	50.165	-	-	-	0.1	0.1	21.2	<1	<1	-	-	-	-	-	-	-	-	-	-
BH1-2	27/04/2023	29.637	24.35	4.961	24.676	0.1	0.2	21.2	<1	<1	5.6	900	53	32.10	19.3	284	Moderate	pale brown	nil	-
BH2	27/04/2023	25.716	25.40	1.261	24.455	0.0	0.1	21.3	<1	<1	6.41	916	-24	22.2	19.31	26.7	Minimal	clear	H ₂ S odour	-
BH3	27/04/2023	29.779	25.60	4.963	24.816	0.0	0.1	20.7	<1	<1	5.75	1120	35	6.10	21.0	24	Clear	clear	nil	-
BH4	27/04/2023	26.348	21.68	2.375	23.973	0.0	0.1	20.9	<1	<1	5.35	1110	100	95.00	23.5	285	Moderate	brown	nil	-
S4*	26/04/2023	-	-	-	-	-	-	-	-	<1	5.4	71	165	2.55	18.8	21	Clear	pale brown	nil	still
S5*	26/04/2023	-	-	-	-	-	-	-	-	<1	6.2	415	126	1.47	18.8	56	Slight	pale brown	nil	still
S6*	26/04/2023	-	-	-	-	-	-	-	-	<1	6.2	361	62	1.77	19.0	90	Slight	brown	nil	still
S7*	26/04/2023	-	-	-	-	-	-	-	-	<1	8.8	402	26	7.77	22.5	1000	High	pale brown	nil	still
L8*	26/04/2023	-	-	-	-	-	-	-	-	<1	6.8	1000	141	8.46	19.4	304	Moderate	brown	nil	still

Notes to Table:

- AHD – Australian Height Datum
- TOC – top of PVC casing
- GW - Groundwater
- PID – photo-ionisation detector
- EC – electrical conductivity
- ORP – oxidation reduction potential
- DO - Dissolved Oxygen
- NTU – nephelometric turbidity unit
- H₂S - Hydrogen Sulfide
- * Surface Water Location
- ⁽¹⁾ Limit of detection for PID 1 ppm