



sunrise
energy metals

2022 ENVIRONMENTAL MONITORING RESULTS

SURFACE WATER QUALITY - NOVEMBER

Published Date: 16 January 2023

Premises:
Clean TeQ Sunrise Project
Wilmatha Road
Fifield, NSW, 2875

[Environment Protection Licence #21146](#)

Location: SW4								
Frequency: Weekly during any discharge								
Point No: 23			pH (Lab)	pH (Field)	Total Suspended Solids (mg/L)	Electrical Conductivity (Lab) (µS/cm)	Iron (dissolved) (mg/L)	Nickel (dissolved) (mg/L)
Date Sampled	Results Received	Results Published						
13/05/2022	24/05/2022		6.5	7.49	22	87	0.13	0.003
3/06/2022	14/06/2022	21/6/2022	7.0	7.45	20	120	0.22	0.004
5/7/2022	14/07/2022	19/07/2022	6.9	7.19	16	120	1.9	0.003
15/8/2022	26/8/2022	30/8/2022	7.2	7.17	15	110	1.7	0.004
30/8/2022	9/9/2022	12/9/2022	6.8	7.82	17	43	0.55	0.002
9/9/2022	21/9/2022	26/9/2022	6.4	6.52	<5	150	0.05	0.002
16/9/2022	27/9/2022	5/10/2022	6.4	7.2	23	81	0.9	0.003
23/9/2022	7/10/2022	17/10/2022	7.0	7.58	12	120	0.29	0.002
28/9/2022	11/10/2022	17/10/2022	7.2	7.68	10	150	0.05	0.002
6/10/2022	19/10/2022	9/11/2022	7.0	7.37	24	88	0.8	0.003
14/10/2022	25/10/2022	9/11/2022	7.3	7.48	<5	140	0.13	0.005
20/10/2022	1/11/2022	9/11/2022	7.2	7.77	6	160	0.1	0.003
1/11/2022	11/11/2022	16/11/2022	7.5	7.58	<5	190	0.23	0.005
14/11/2022	5/12/2022	16/01/2023	6.4	7.61	25	58	0.57	0.002
EPL Limits			6.5-8.5	-	50	2200	3.7	0.008

Location: SW6								
Frequency: Weekly during any discharge								
Point No: 25			pH (Lab)	pH (Field)	Total Suspended Solids (mg/L)	Electrical Conductivity (Lab) (µS/cm)	Iron (dissolved) (mg/L)	Nickel (dissolved) (mg/L)
Date Sampled	Results Received	Results Published						
13/05/2022	24/05/2022		6.5	7.27	25	88	0.75	0.003
1/06/2022	15/06/2022	21/06/2022	6.9	7.29	7	100	0.24	0.003
4/7/2022	13/7/2022	19/07/2022	6.9	7.19	12	83	0.51	0.002
19/8/2022	30/8/2022	31/8/2022	7.3	7.49	7	120	0.51	0.002
29/8/2022	7/9/2022	12/9/2022	7.1	7.36	16	47	0.10	0.001
9/9/2022	21/9/2022	26/9/2022	6.7	7.63	<5	110	0.05	0.001
16/9/2022	27/9/2022	5/10/2022	6.6	7.38	12	92	0.25	0.001
23/9/2022	7/10/2022	17/10/2022	6.9	7.36	8	100	0.25	0.001
28/9/2022	11/10/2022	17/10/2022	7.2	7.6	<5	150	0.08	0.002
6/10/2022	19/10/2022	9/11/2022	7.0	7.31	18	88	0.25	0.001
14/10/2022	25/10/2022	9/11/2022	7.2	7.72	<5	110	0.16	0.003
20/10/2022	1/11/2022	9/11/2022	6.8	7.50	140	80	0.12	0.002
1/11/2022	11/11/2022	16/11/2022	7.3	7.42	33	140	0.14	0.003
14/11/2022	5/12/2022	16/01/2023	6.6	7.34	20	73	0.33	0.001
EPL Limits			6.5-8.5	-	50	2200	3.7	0.008