



July 2024 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas, and Gas Accumulation Monitoring Results

Field							Inorganics					
Methane	Methane	Depth to groundwater (measured)	DO (Field)	Electrical Conductivity (Non Compensated)	pH (Field)	Temp (Field)	Ammonia as N	Alkalinity (total) as CaCO3	BOD	Chloride	Sodium (filtered)	TOC
%v/v	ppm	m	mg/L	µS/cm	-	oC	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL							0.01	1	2	1	1	1

Site ID	EPL No.	Location Code	Sampled Date	Methane	Methane	Depth to groundwater (measured)	DO (Field)	Electrical Conductivity (Non Compensated)	pH (Field)	Temp (Field)	Ammonia as N	Alkalinity (total) as CaCO3	BOD	Chloride	Sodium (filtered)	TOC
Woy Woy	8	W_S01	11 Jul 2024	-	-	-	6.18	61.9	5.12	12.4	<0.01	-	<2	-	-	8
Woy Woy	9	W_S02	11 Jul 2024	-	-	-	8.52	63.7	5.03	12	<0.01	-	2	-	-	6
Woy Woy	10	W_S03	11 Jul 2024	-	-	-	5.45	144	6.49	12.3	1.05	-	3	-	-	<1
Woy Woy	12	W_S05	04 Jul 2024	-	-	-	2.43	220.2	6.99	12.3	1.18	-	2	-	-	5
Woy Woy	13	W_S07	11 Jul 2024	-	-	-	8.96	57.1	4.68	13.5	<0.01	-	<2	-	-	8
Woy Woy	14	W_S08	11 Jul 2024	-	-	-	9.09	121.6	6.83	12.5	0.01	-	2	-	-	6
Woy Woy	1/ 17	W_WW1	11 Jul 2024	0.4	-	2.14	3.91	216	5.81	18.5	<0.01	47	-	40	29	2
Woy Woy	2/ 18	W_WW2	11 Jul 2024	0.0	-	1.38	0.75	249.2	4.9	17.3	<0.01	6	-	76	45	<1
Woy Woy	3/ 19	W_WW3	11 Jul 2024	0.0	-	1.65	1.18	426.5	6.04	17.5	0.04	68	-	107	87	1
Woy Woy	5/ 21	W_WW6	11 Jul 2024	0.0	-	5.77	2.61	393.6	4.26	18.2	0.05	3	-	134	71	11
Woy Woy	6/ 22	W_WW7	11 Jul 2024	0.0	-	Blocked	2	506	4.57	18.9	0.02	2	-	156	103	3
Woy Woy	24	Traverse 1	23 Jul 2024	-	2,400*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	25	Traverse 2	23 Jul 2024	-	3,330*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	26	Traverse 3	23 Jul 2024	-	3,965*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	27	Traverse 4	23 Jul 2024	-	305*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	28	Traverse 5	23 Jul 2024	-	190*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	31	Lunch Room	23 Jul 2024	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	32	Maintenance Shed	23 Jul 2024	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	33	Weighbridge Office	23 Jul 2024	-	<5*	-	-	-	-	-	-	-	-	-	-	-

Notes: * denotes maximum concentration reported at each location

A copy of the Environment Protection Licence (EPL) can be viewed at:

[6053.pdf \(nsw.gov.au\)](https://www.nsw.gov.au/6053.pdf)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas, Quarterly Sub-Surface Gas, and Quarterly Gas Accumulation.

Condition M2.3 - Water and/ or Land Monitoring Requirements -

Quarterly/ Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 07/08/2024



July 2024 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas, and Gas Accumulation Monitoring Results

	Metals			Physical		NA
	Calcium (filtered)	Magnesium (filtered)	Potassium (filtered)	Total Dissolved Solids @180°C	TSS	Sulfate as SO4 - Turbidimetric (filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	1	1	1	10	5	1

Site ID	EPL No.	Location Code	Sampled Date	Calcium (filtered)	Magnesium (filtered)	Potassium (filtered)	Total Dissolved Solids @180°C	TSS	Sulfate as SO4 - Turbidimetric (filtered)
Woy Woy	8	W_S01	11 Jul 2024	-	-	-	-	<5	-
Woy Woy	9	W_S02	11 Jul 2024	-	-	-	-	<5	-
Woy Woy	10	W_S03	11 Jul 2024	-	-	-	-	12	-
Woy Woy	12	W_S05	04 Jul 2024	-	-	-	-	1,030	-
Woy Woy	13	W_S07	11 Jul 2024	-	-	-	-	<5	-
Woy Woy	14	W_S08	11 Jul 2024	-	-	-	-	<5	-
Woy Woy	1/ 17	W_WW1	11 Jul 2024	15	6	2	154	-	17
Woy Woy	2/ 18	W_WW2	11 Jul 2024	<1	6	<1	182	-	9
Woy Woy	3/ 19	W_WW3	11 Jul 2024	10	14	2	348	-	34
Woy Woy	5/ 21	W_WW6	11 Jul 2024	<1	8	1	293	-	28
Woy Woy	6/ 22	W_WW7	11 Jul 2024	<1	8	1	350	-	62
Woy Woy	24	Traverse 1	23 Jul 2024	-	-	-	-	-	-
Woy Woy	25	Traverse 2	23 Jul 2024	-	-	-	-	-	-
Woy Woy	26	Traverse 3	23 Jul 2024	-	-	-	-	-	-
Woy Woy	27	Traverse 4	23 Jul 2024	-	-	-	-	-	-
Woy Woy	28	Traverse 5	23 Jul 2024	-	-	-	-	-	-
Woy Woy	31	Lunch Room	23 Jul 2024	-	-	-	-	-	-
Woy Woy	32	Maintenance Shed	23 Jul 2024	-	-	-	-	-	-
Woy Woy	33	Weighbridge Office	23 Jul 2024	-	-	-	-	-	-

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