



January 2025 - 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
Kincumber	1	K_SW01	14 Jan 2025	-	-	-	2.22	742	5.86	22.4	0.03	-	<2	-	-	18
Kincumber	2	K_SW02	14 Jan 2025	-	-	-	0.36	332.9	6.31	22.8	0.04	-	16	-	-	29
Kincumber	3	K_ST02	14 Jan 2025	-	-	-	2.72	422.6	7.19	24.4	0.03	-	2	-	-	12
Kincumber	4	K_ST01	14 Jan 2025	-	-	-	9.42	361.5	8.98	29.7	0.15	-	4	-	-	16
Kincumber	5	K_MW4	14 Jan 2025	-	-	3.954	1.57	2,093	4.4	23.8	<0.01	4	-	620	332	12
Kincumber	6	K_MW5	14 Jan 2025	-	-	2.887	4.48	337.4	6.69	23.4	<0.01	108	-	21	18	4
Kincumber	7	K_MW6	14 Jan 2025	-	-	9.879	3.16	720	4.93	20.6	<0.01	51	-	183	128	2
Kincumber	8	K_MW7	14 Jan 2025	-	-	4.15	3.07	1,870	3.84	21.7	0.71	<1	-	512	222	5
Kincumber	14	Traverse 1	13 Feb 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	13 Feb 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	13 Feb 2025	-	190*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	13 Feb 2025	-	480*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	13 Feb 2025	-	170*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	13 Feb 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	13 Feb 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	13 Feb 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	13 Feb 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	13 Feb 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	13 Feb 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	13 Feb 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	13 Feb 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	13 Feb 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	41	K_GMW7S	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	42	K_GMW7D	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-



January 2025 - 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)
Kincumber	1	K_SW01	14 Jan 2025	-	-	-	-	<5	-
Kincumber	2	K_SW02	14 Jan 2025	-	-	-	-	63	-
Kincumber	3	K_ST02	14 Jan 2025	-	-	-	-	27	-
Kincumber	4	K_ST01	14 Jan 2025	-	-	-	-	10	-
Kincumber	5	K_MW4	14 Jan 2025	28	50	4	1,520	-	85
Kincumber	6	K_MW5	14 Jan 2025	34	9	4	190	-	6
Kincumber	7	K_MW6	14 Jan 2025	<1	8	1	448	-	94
Kincumber	8	K_MW7	14 Jan 2025	<1	22	1	1,050	-	108
Kincumber	14	Traverse 1	13 Feb 2025	-	-	-	-	-	-
Kincumber	15	Traverse 2	13 Feb 2025	-	-	-	-	-	-
Kincumber	16	Traverse 3	13 Feb 2025	-	-	-	-	-	-
Kincumber	17	Traverse 4	13 Feb 2025	-	-	-	-	-	-
Kincumber	18	Traverse 5	13 Feb 2025	-	-	-	-	-	-
Kincumber	19	Traverse 6	13 Feb 2025	-	-	-	-	-	-
Kincumber	20	Traverse 7	13 Feb 2025	-	-	-	-	-	-
Kincumber	21	Traverse 8	13 Feb 2025	-	-	-	-	-	-
Kincumber	22	Traverse 9	13 Feb 2025	-	-	-	-	-	-
Kincumber	23	Traverse 10	13 Feb 2025	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	13 Feb 2025	-	-	-	-	-	-
Kincumber	26	Toilet	13 Feb 2025	-	-	-	-	-	-
Kincumber	27	Office	13 Feb 2025	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	13 Feb 2025	-	-	-	-	-	-
Kincumber	30	K_GMW1S	10 Jan 2025	-	-	-	-	-	-
Kincumber	31	K_GMW1D	10 Jan 2025	-	-	-	-	-	-
Kincumber	32	K_GMW2S	10 Jan 2025	-	-	-	-	-	-
Kincumber	33	K_GMW2D	10 Jan 2025	-	-	-	-	-	-
Kincumber	34	K_GMW3S	10 Jan 2025	-	-	-	-	-	-
Kincumber	35	K_GMW3D	10 Jan 2025	-	-	-	-	-	-
Kincumber	36	K_GMW4S	10 Jan 2025	-	-	-	-	-	-
Kincumber	37	K_GMW4D	10 Jan 2025	-	-	-	-	-	-
Kincumber	38	K_GMW5S	10 Jan 2025	-	-	-	-	-	-
Kincumber	39	K_GMW5D	10 Jan 2025	-	-	-	-	-	-
Kincumber	40	K_GMW6S	10 Jan 2025	-	-	-	-	-	-
Kincumber	41	K_GMW7S	10 Jan 2025	-	-	-	-	-	-
Kincumber	42	K_GMW7D	10 Jan 2025	-	-	-	-	-	-



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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
Kincumber	43	K_GMW8S	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	44	K_GMW8D	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	45	K_GMW9S	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	46	K_GMW9D	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	47	K_GMW10D	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	48	K_GMW11S	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	49	K_GMW11D	10 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	50	K_MW4	14 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	51	K_MW5	14 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	52	K_MW6	14 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	53	K_MW7	14 Jan 2025	0	-	-	-	-	-	-	-	-	-	-	-	-

Notes: * denotes maximum concentration reported at each location

A copy of the Environment Protection Licence (EPL) can be viewed at: [6052.pdf \(nsw.gov.au\)](https://www.nsw.gov.au/6052.pdf)
 Condition M2.2 - Air Monitoring Requirements - Quarterly Surface Gas, Quarterly Sub-Surface Gas, and Quarterly Gas Accumulation.
 Condition M2.3 - Water and/ or Land Monitoring Requirements - Quarterly/ Yearly Groundwater and Quarterly Surface Water
 Date pollution monitoring data was obtained by licensee: 20/02/2025



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	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	1	1	1	10	5	1

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Kincumber	43	K_GMW8S	10 Jan 2025	-	-	-	-	-	-
Kincumber	44	K_GMW8D	10 Jan 2025	-	-	-	-	-	-
Kincumber	45	K_GMW9S	10 Jan 2025	-	-	-	-	-	-
Kincumber	46	K_GMW9D	10 Jan 2025	-	-	-	-	-	-
Kincumber	47	K_GMW10D	10 Jan 2025	-	-	-	-	-	-
Kincumber	48	K_GMW11S	10 Jan 2025	-	-	-	-	-	-
Kincumber	49	K_GMW11D	10 Jan 2025	-	-	-	-	-	-
Kincumber	50	K_MW4	14 Jan 2025	-	-	-	-	-	-
Kincumber	51	K_MW5	14 Jan 2025	-	-	-	-	-	-
Kincumber	52	K_MW6	14 Jan 2025	-	-	-	-	-	-
Kincumber	53	K_MW7	14 Jan 2025	-	-	-	-	-	-

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