



April 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 CaCO ₃	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													
Kincumber	1	K_SW01	09 Apr 2025	-	-	-	6.41	616	5.85	19.3	<0.01	-	4	-	-	20
Kincumber	2	K_SW02	09 Apr 2025	-	-	-	5.37	355.2	6.1	22.8	0.02	-	4	-	-	16
Kincumber	3	K_ST02	09 Apr 2025	-	-	-	4.59	443.9	6.39	21.4	0.05	-	4	-	-	12
Kincumber	4	K_ST01	09 Apr 2025	-	-	-	5.75	423.9	7.43	25	1.40	-	5	-	-	15
Kincumber	5	K_MW4	09 Apr 2025	-	-	3.954	6.3	570	4.81	22.9	0.01	3	-	141	67	3
Kincumber	6	K_MW5	09 Apr 2025	-	-	2.887	4.17	380.2	6.16	22.1	0.08	62	-	34	22	3
Kincumber	7	K_MW6	09 Apr 2025	-	-	9.879	5.57	903	4.62	18.7	<0.01	8	-	190	127	5
Kincumber	8	K_MW7	09 Apr 2025	-	-	4.15	1.43	1,851	3.49	20.2	0.47	<1	-	521	224	9
Kincumber	14	Traverse 1	19 May 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	19 May 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	19 May 2025	-	50*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	19 May 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	19 May 2025	-	40*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	19 May 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	19 May 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	19 May 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	19 May 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	19 May 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	19 May 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	19 May 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	19 May 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	19 May 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	41	K_GMW7S	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-



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	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						
Kincumber	1	K_SW01	09 Apr 2025	-	-	-	-	15	14
Kincumber	2	K_SW02	09 Apr 2025	-	-	-	-	9	4
Kincumber	3	K_ST02	09 Apr 2025	-	-	-	-	24	61
Kincumber	4	K_ST01	09 Apr 2025	-	-	-	-	21	93
Kincumber	5	K_MW4	09 Apr 2025	5	10	1	293	-	-
Kincumber	6	K_MW5	09 Apr 2025	16	5	2	156	-	-
Kincumber	7	K_MW6	09 Apr 2025	2	11	1	440	-	-
Kincumber	8	K_MW7	09 Apr 2025	<1	22	1	1,020	-	-
Kincumber	14	Traverse 1	19 May 2025	-	-	-	-	-	-
Kincumber	15	Traverse 2	19 May 2025	-	-	-	-	-	-
Kincumber	16	Traverse 3	19 May 2025	-	-	-	-	-	-
Kincumber	17	Traverse 4	19 May 2025	-	-	-	-	-	-
Kincumber	18	Traverse 5	19 May 2025	-	-	-	-	-	-
Kincumber	19	Traverse 6	19 May 2025	-	-	-	-	-	-
Kincumber	20	Traverse 7	19 May 2025	-	-	-	-	-	-
Kincumber	21	Traverse 8	19 May 2025	-	-	-	-	-	-
Kincumber	22	Traverse 9	19 May 2025	-	-	-	-	-	-
Kincumber	23	Traverse 10	19 May 2025	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	19 May 2025	-	-	-	-	-	-
Kincumber	26	Toilet	19 May 2025	-	-	-	-	-	-
Kincumber	27	Office	19 May 2025	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	19 May 2025	-	-	-	-	-	-
Kincumber	30	K_GMW1S	08 Apr 2025	-	-	-	-	-	-
Kincumber	31	K_GMW1D	08 Apr 2025	-	-	-	-	-	-
Kincumber	32	K_GMW2S	08 Apr 2025	-	-	-	-	-	-
Kincumber	33	K_GMW2D	08 Apr 2025	-	-	-	-	-	-
Kincumber	34	K_GMW3S	08 Apr 2025	-	-	-	-	-	-
Kincumber	35	K_GMW3D	08 Apr 2025	-	-	-	-	-	-
Kincumber	36	K_GMW4S	08 Apr 2025	-	-	-	-	-	-
Kincumber	37	K_GMW4D	08 Apr 2025	-	-	-	-	-	-
Kincumber	38	K_GMW5S	08 Apr 2025	-	-	-	-	-	-
Kincumber	39	K_GMW5D	08 Apr 2025	-	-	-	-	-	-
Kincumber	40	K_GMW6S	08 Apr 2025	-	-	-	-	-	-
Kincumber	41	K_GMW7S	08 Apr 2025	-	-	-	-	-	-



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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													
Kincumber	42	K_GMW7D	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	43	K_GMW8S	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	44	K_GMW8D	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	45	K_GMW9S	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	46	K_GMW9D	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	47	K_GMW10D	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	48	K_GMW11S	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	49	K_GMW11D	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	50	K_MW4	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	51	K_MW5	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	52	K_MW6	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	53	K_MW7	08 Apr 2025	0	-	-	-	-	-	-	-	-	-	-	-	-

Notes: * denotes maximum concentration reported at each location

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

[6052.pdf \(nsw.gov.au\)](#)

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: 02/05/2025 and 22/05/2025



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	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						
Kincumber	42	K_GMW7D	08 Apr 2025	-	-	-	-	-	-
Kincumber	43	K_GMW8S	08 Apr 2025	-	-	-	-	-	-
Kincumber	44	K_GMW8D	08 Apr 2025	-	-	-	-	-	-
Kincumber	45	K_GMW9S	08 Apr 2025	-	-	-	-	-	-
Kincumber	46	K_GMW9D	08 Apr 2025	-	-	-	-	-	-
Kincumber	47	K_GMW10D	08 Apr 2025	-	-	-	-	-	-
Kincumber	48	K_GMW11S	08 Apr 2025	-	-	-	-	-	-
Kincumber	49	K_GMW11D	08 Apr 2025	-	-	-	-	-	-
Kincumber	50	K_MW4	08 Apr 2025	-	-	-	-	-	-
Kincumber	51	K_MW5	08 Apr 2025	-	-	-	-	-	-
Kincumber	52	K_MW6	08 Apr 2025	-	-	-	-	-	-
Kincumber	53	K_MW7	08 Apr 2025	-	-	-	-	-	-

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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: 02/05/2025 and