



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate 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	Nitrate (as N)
%v/v	ppm	m	mg/L	µS/cm	-	oC	mg/L	mg/L	mg/L	mg/L	mg/L
EQL							0.01	1	2	1	0.01

Site ID	EPL No.	Location Code	Sampled Date												
Kincumber	1	K_SW01	08 Oct 2025	-	-	-	-	410.4	6.71	20.9	0.08	-	4	-	-
Kincumber	2	K_SW02	08 Oct 2025	-	-	-	-	847	6.73	24.5	0.32	-	19	-	-
Kincumber	3	K_ST02	To be Sampled	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	08 Oct 2025	-	-	-	-	258.6	7.64	25.8	0.67	-	4	-	-
Kincumber	5	K_MW4	08 Oct 2025	-	-	2.53	-	848	6.63	24.6	0.01	219	-	144	0.35
Kincumber	6	K_MW5	09 Oct 2025	-	-	2.02	4.42	611	7.08	19.5	<0.01	62	-	110	1.35
Kincumber	7	K_MW6	22 Oct 2025	-	-	8.96	3.64	1,045	5.01	24.1	<0.01	5	-	265	0.01
Kincumber	8	K_MW7	08 Oct 2025	-	-	4.56	-	930	3.03	22.9	0.01	<1	-	245	0.20
Kincumber	9	K_L01	09 Oct 2025	-	-	-	2.88	5,364	7.81	20.3	266	1,550	-	797	0.83
Kincumber	14	Traverse 1	30 Sep 2025	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	30 Sep 2025	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	30 Sep 2025	-	60*	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	30 Sep 2025	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	30 Sep 2025	-	120*	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	30 Sep 2025	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	30 Sep 2025	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	30 Sep 2025	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	30 Sep 2025	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	30 Sep 2025	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	30 Sep 2025	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	30 Sep 2025	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	30 Sep 2025	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	30 Sep 2025	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	03 Oct 2025	0.2	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	03 Oct 2025	0.2	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

EQL	Inorganics					Metals								
	Nitrite (as N)	Fluoride	Sodium (filtered)	Phosphorus total (P2O5)	TOC	Aluminium (filtered)	Arsenic (filtered)	Barium (filtered)	Cadmium (filtered)	Calcium (filtered)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Chromium (III+VI)	Copper (filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	0.01	0.1	1	0.01	1	0.01	0.001	0.001	0.0001	1	0.01	0.001	0.001	0.001

Site ID	EPL No.	Location Code	Sampled Date														
Kincumber	1	K_SW01	08 Oct 2025	-	-	-	-	17	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	08 Oct 2025	-	-	-	-	32	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	To be Sampled	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	08 Oct 2025	-	-	-	-	10	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	08 Oct 2025	0.01	<0.1	82	-	<1	<0.01	<0.001	0.019	<0.0001	84	<0.01	<0.001	<0.001	0.001
Kincumber	6	K_MW5	09 Oct 2025	<0.01	0.1	52	-	2	<0.01	<0.001	0.016	<0.0001	20	<0.01	<0.001	<0.001	0.002
Kincumber	7	K_MW6	22 Oct 2025	<0.01	<0.1	166	-	4	0.06	<0.001	0.028	<0.0001	1	<0.01	0.001	<0.001	<0.001
Kincumber	8	K_MW7	08 Oct 2025	<0.01	<0.1	107	-	24	3.38	<0.001	0.075	<0.0001	3	<0.01	0.005	0.002	0.150
Kincumber	9	K_L01	09 Oct 2025	<0.01	0.2	523	1.01	168	0.02	0.006	0.098	<0.0001	67	<0.01	0.008	0.026	0.002
Kincumber	14	Traverse 1	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

	Metals						Physical		N/A	BTEX					
	Lead (filtered)	Magnesium (filtered)	Manganese (filtered)	Mercury (filtered)	Potassium (filtered)	Zinc (filtered)	Total Dissolved Solids @180°C	TSS	Sulfate as SO4 - Turbidimetric (filtered)	Naphthalene (VOC)	Benzene	Ethylbenzene	Toluene	Total BTEX	Xylene (m & p)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.001	1	0.001	0.0001	1	0.005	10	5	1	0.005	1	2	2	1	2

Site ID	EPL No.	Location Code	Sampled Date														
Kincumber	1	K_SW01	08 Oct 2025	-	-	-	-	-	-	-	12	-	-	-	-	-	-
Kincumber	2	K_SW02	08 Oct 2025	-	-	-	-	-	-	-	606	-	-	-	-	-	-
Kincumber	3	K_ST02	To be Sampled	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	08 Oct 2025	-	-	-	-	-	-	-	20	-	-	-	-	-	-
Kincumber	5	K_MW4	08 Oct 2025	<0.001	14	0.005	<0.0001	1	0.027	553	-	113	<0.005	<1	<2	<2	<1
Kincumber	6	K_MW5	09 Oct 2025	<0.001	10	0.002	<0.0001	3	0.023	312	-	6	<0.005	<1	<2	<2	<1
Kincumber	7	K_MW6	22 Oct 2025	<0.001	13	0.032	<0.0001	2	0.011	516	-	78	<0.005	<1	<2	<2	<1
Kincumber	8	K_MW7	08 Oct 2025	0.034	11	0.158	<0.0001	1	0.154	423	-	43	<0.005	<1	<2	<2	<1
Kincumber	9	K_L01	09 Oct 2025	<0.001	46	0.145	<0.0001	176	0.012	2,460	21	90	<0.005	<1	<2	<2	<1
Kincumber	14	Traverse 1	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

BTEX		Phenols	TRH's		HB's	Organochlorine Pesticides								
Xylene (o)	Xylene Total	Phenolics Total	C6-C10	C6-C10 (F1 minus BTEX)	Hexachlorobenzene	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	2	2	50	20	20	0.01	0.01	0.01	0.01	0.5	0.01	0.01	0.01	0.01

Site ID	EPL No.	Location Code	Sampled Date															
Kincumber	1	K_SW01	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	To be Sampled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	08 Oct 2025	<2	<2	<50	<20	<20	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	6	K_MW5	09 Oct 2025	<2	<2	<50	<20	<20	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	7	K_MW6	22 Oct 2025	<2	<2	<50	<20	<20	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	8	K_MW7	08 Oct 2025	<2	<2	<50	<20	<20	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	9	K_L01	09 Oct 2025	<2	<2	<50	<20	<20	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	14	Traverse 1	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

	Organochlorine Pesticides														PAH's	
	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endrin aldehyde	Endrin ketone	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	γ-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Acenaphthene	
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.01	0.01	1

Site ID	EPL No.	Location Code	Sampled Date															
Kincumber	1	K_SW01	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	To be Sampled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	08 Oct 2025	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0
Kincumber	6	K_MW5	09 Oct 2025	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0
Kincumber	7	K_MW6	22 Oct 2025	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0
Kincumber	8	K_MW7	08 Oct 2025	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0
Kincumber	9	K_L01	09 Oct 2025	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<1.0
Kincumber	14	Traverse 1	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

Polynuclear Aromatic Hydrocarbons														
Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(g,h,i)perylene	Benzo(b+j)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	1	1	1	0.5	1	0.001	1	1	1	1	1	1	1	1

Site ID	EPL No.	Location Code	Sampled Date															
Kincumber	1	K_SW01	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	To be Sampled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	08 Oct 2025	<1.0	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Kincumber	6	K_MW5	09 Oct 2025	<1.0	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Kincumber	7	K_MW6	22 Oct 2025	<1.0	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Kincumber	8	K_MW7	08 Oct 2025	<1.0	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Kincumber	9	K_L01	09 Oct 2025	<1.0	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Kincumber	14	Traverse 1	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

PAH's	Organophosphorous Pesticides														
	PAHs (Sum of total)	Azinophos methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenthion	Malathion	Methyl parathion	Monocrotophos
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	0.02	0.1	0.02	0.02	0.02	0.0002	0.01	0.2	0.02	0.02	0.05	0.02	0.5	0.02

Site ID	EPL No.	Location Code	Sampled Date															
Kincumber	1	K_SW01	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	To be Sampled	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	08 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0
Kincumber	6	K_MW5	09 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0
Kincumber	7	K_MW6	22 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0
Kincumber	8	K_MW7	08 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0
Kincumber	9	K_L01	09 Oct 2025	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0
Kincumber	14	Traverse 1	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

EQL	OPP's	TPH										Pesticides			
	Prothiofos	C6-C9	C10-C14	C10-C16	C15-C28	C16-C34	C29-C36	C34-C40	+C10-C36 (Sum of total)	C10-C40 (Sum of total)	C10-C16 (F2 minus Naphthalene)	Demeton-S-methyl	Fenamiphos	Parathion	Pirimphos-ethyl
	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	0.1	0.02	50	100	100	100	50	100	50	100	100	0.02	0.01	0.2	0.01

Site ID	EPL No.	Location Code	Sampled Date														
Kincumber	1	K_SW01	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	To be Sampled	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	08 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	08 Oct 2025	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<0.5	<0.5	<2.0
Kincumber	6	K_MW5	09 Oct 2025	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<0.5	<0.5	<2.0
Kincumber	7	K_MW6	22 Oct 2025	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<0.5	<0.5	<2.0
Kincumber	8	K_MW7	08 Oct 2025	<0.5	<0.02	<50	<100	<100	<100	<50	<100	<50	<100	<100	<0.5	<0.5	<2.0
Kincumber	9	K_L01	09 Oct 2025	<0.5	<0.02	200	330	920	870	100	<100	1,220	1,200	330	<0.5	<0.5	<2.0
Kincumber	14	Traverse 1	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	30 Sep 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate 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	Nitrate (as N)
%v/v	ppm	m	mg/L	µS/cm	-	oC	mg/L	mg/L	mg/L	mg/L	mg/L
EQL							0.01	1	2	1	0.01

Site ID	EPL No.	Location Code	Sampled Date												
Kincumber	41	K_GMW7S	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	42	K_GMW7D	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	43	K_GMW8S	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	44	K_GMW8D	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	45	K_GMW9S	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	46	K_GMW9D	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	47	K_GMW10D	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	48	K_GMW11S	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	49	K_GMW11D	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	50	K_MW4	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	51	K_MW5	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	52	K_MW6	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	53	K_MW7	03 Oct 2025	0.0	-	-	-	-	-	-	-	-	-	-	-

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, Quarterly Surface Water and Yearly
Leachate.

Date pollution monitoring data was obtained by licensee: 04/11/2025



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

	Inorganics					Metals								
	Nitrite (as N)	Fluoride	Sodium (filtered)	Phosphorus total (P2O5)	TOC	Aluminium (filtered)	Arsenic (filtered)	Barium (filtered)	Cadmium (filtered)	Calcium (filtered)	Chromium (hexavalent) (filtered)	Cobalt (filtered)	Chromium (III+VI)	Copper (filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	0.01	0.1	1	0.01	1	0.01	0.001	0.001	0.0001	1	0.01	0.001	0.001	0.001

Site ID	EPL No.	Location Code	Sampled Date														
Kincumber	41	K_GMW7S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	42	K_GMW7D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	43	K_GMW8S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	44	K_GMW8D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	45	K_GMW9S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	46	K_GMW9D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	47	K_GMW10D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	48	K_GMW11S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	49	K_GMW11D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	50	K_MW4	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	51	K_MW5	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	52	K_MW6	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	53	K_MW7	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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, Quarterly Surface Water and Yearly
Leachate.

Date pollution monitoring data was obtained by licensee: 04/11/2025



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

	Metals						Physical		N/A	BTEX					
	Lead (filtered)	Magnesium (filtered)	Manganese (filtered)	Mercury (filtered)	Potassium (filtered)	Zinc (filtered)	Total Dissolved Solids @180°C	TSS	Sulfate as SO4 - Turbidimetric (filtered)	Naphthalene (VOC)	Benzene	Ethylbenzene	Toluene	Total BTEX	Xylene (m & p)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.001	1	0.001	0.0001	1	0.005	10	5	1	0.005	1	2	2	1	2

Site ID	EPL No.	Location Code	Sampled Date															
Kincumber	41	K_GMW7S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	42	K_GMW7D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	43	K_GMW8S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	44	K_GMW8D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	45	K_GMW9S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	46	K_GMW9D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	47	K_GMW10D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	48	K_GMW11S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	49	K_GMW11D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	50	K_MW4	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	51	K_MW5	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	52	K_MW6	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	53	K_MW7	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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, Quarterly Surface Water and Yearly Leachate.

Date pollution monitoring data was obtained by licensee: 04/11/2025



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

	BTEX		Phenols	TRH's		HB's	Organochlorine Pesticides								
	Xylene (o)	Xylene Total	Phenolics Total	C6-C10	C6-C10 (F1 minus BTEX)	Hexachlorobenzene	4,4-DDE	α-BHC	Aldrin	Aldrin + Dieldrin	β-BHC	chlordane	Chlordane (cis)	Chlordane (trans)	γ-BHC
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	2	2	50	20	20	0.01	0.01	0.01	0.01	0.5	0.01	0.01	0.01	0.01	0.01

Site ID	EPL No.	Location Code	Sampled Date														
Kincumber	41	K_GMW7S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	42	K_GMW7D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	43	K_GMW8S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	44	K_GMW8D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	45	K_GMW9S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	46	K_GMW9D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	47	K_GMW10D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	48	K_GMW11S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	49	K_GMW11D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	50	K_MW4	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	51	K_MW5	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	52	K_MW6	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	53	K_MW7	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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, Quarterly Surface Water and Yearly
Leachate.

Date pollution monitoring data was obtained by licensee: 04/11/2025



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

	Organochlorine Pesticides														PAH's
	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endrin aldehyde	Endrin ketone	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin	g-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Acenaphthene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.01	1

Site ID	EPL No.	Location Code	Sampled Date														
Kincumber	41	K_GMW7S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	42	K_GMW7D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	43	K_GMW8S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	44	K_GMW8D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	45	K_GMW9S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	46	K_GMW9D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	47	K_GMW10D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	48	K_GMW11S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	49	K_GMW11D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	50	K_MW4	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	51	K_MW5	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	52	K_MW6	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	53	K_MW7	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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, Quarterly Surface Water and Yearly
Leachate.

Date pollution monitoring data was obtained by licensee: 04/11/2025



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

	Polynuclear Aromatic Hydrocarbons														
	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(g,h,i)perylene	Benzo(b+j)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	1	1	1	0.5	1	0.001	1	1	1	1	1	1	1	1	1

Site ID	EPL No.	Location Code	Sampled Date														
Kincumber	41	K_GMW7S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	42	K_GMW7D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	43	K_GMW8S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	44	K_GMW8D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	45	K_GMW9S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	46	K_GMW9D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	47	K_GMW10D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	48	K_GMW11S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	49	K_GMW11D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	50	K_MW4	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	51	K_MW5	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	52	K_MW6	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	53	K_MW7	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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, Quarterly Surface Water and Yearly
Leachate.

Date pollution monitoring data was obtained by licensee: 04/11/2025



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

	PAH's	Organophosphorous Pesticides													
	PAHs (Sum of total)	Azinophos methyl	Bromophos-ethyl	Carbophenothion	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	Diazinon	Dichlorvos	Dimethoate	Ethion	Fenthion	Malathion	Methyl parathion	Monocrotophos
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.5	0.02	0.1	0.02	0.02	0.02	0.0002	0.01	0.2	0.02	0.02	0.05	0.02	0.5	0.02

Site ID	EPL No.	Location Code	Sampled Date															
Kincumber	41	K_GMW7S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	42	K_GMW7D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	43	K_GMW8S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	44	K_GMW8D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	45	K_GMW9S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	46	K_GMW9D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	47	K_GMW10D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	48	K_GMW11S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	49	K_GMW11D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	50	K_MW4	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	51	K_MW5	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	52	K_MW6	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	53	K_MW7	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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, Quarterly Surface Water and Yearly
Leachate.

Date pollution monitoring data was obtained by licensee: 04/11/2025



October 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results

	OPP's	TPH										Pesticides			
	Prothiofos	C6-C9	C10-C14	C10-C16	C15-C28	C16-C34	C29-C36	C34-C40	+C10-C36 (Sum of total)	C10-C40 (Sum of total)	C10-C16 (F2 minus Naphthalene)	Demeton-S-methyl	Fenamiphos	Parathion	Pirimphos-ethyl
	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
EQL	0.1	0.02	50	100	100	100	50	100	50	100	100	0.02	0.01	0.2	0.01

Site ID	EPL No.	Location Code	Sampled Date														
Kincumber	41	K_GMW7S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	42	K_GMW7D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	43	K_GMW8S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	44	K_GMW8D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	45	K_GMW9S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	46	K_GMW9D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	47	K_GMW10D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	48	K_GMW11S	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	49	K_GMW11D	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	50	K_MW4	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	51	K_MW5	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	52	K_MW6	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	53	K_MW7	03 Oct 2025	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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, Quarterly Surface Water and Yearly
Leachate.

Date pollution monitoring data was obtained by licensee: 04/11/2025