



**October 2024 - 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	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)
Kincumber	1	K_SW01	10 Oct 2024	-	-	-	9.51	434.7	7.17	25.3	0.02	-	15	-	-
Kincumber	2	K_SW02	DRY	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	10 Oct 2024	-	-	-	1.11	335.5	7.23	16.3	0.05	-	8	-	-
Kincumber	4	K_ST01	10 Oct 2024	-	-	-	5.49	530	7.14	24.4	5.32	-	8	-	-
Kincumber	5	K_MW4	10 Oct 2024	-	-	3.02	3.26	2,067	3.99	20.1	0.02	<1	-	726	0.09
Kincumber	6	K_MW5	10 Oct 2024	-	-	3.01	0.66	758	5.78	20.7	0.03	35	-	262	5.44
Kincumber	7	K_MW6	10 Oct 2024	-	-	8.86	0.96	815	5.01	23.1	<0.01	5	-	209	<0.01
Kincumber	8	K_MW7	10 Oct 2024	-	-	3.01	0.66	758	5.78	20.7	0.44	<1	-	589	0.07
Kincumber	9	K_L01	10 Oct 2024	-	-	-	5.31	3,956	8.28	27.3	177	1,050	-	612	0.22
Kincumber	14	Traverse 1	23 Oct 2024	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	23 Oct 2024	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	23 Oct 2024	-	230*	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	23 Oct 2024	-	115*	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	23 Oct 2024	-	240*	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	23 Oct 2024	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	23 Oct 2024	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	23 Oct 2024	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	23 Oct 2024	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	23 Oct 2024	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	23 Oct 2024	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	23 Oct 2024	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	23 Oct 2024	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	23 Oct 2024	-	<5*	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-



**October 2024 - 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	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)
Kincumber	1	K_SW01	10 Oct 2024	-	-	-	-	20	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	DRY	-	-	-	-	20	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	10 Oct 2024	-	-	-	-	14	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	10 Oct 2024	-	-	-	-	16	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	10 Oct 2024	<0.01	0.2	318	-	15	3.79	<0.001	0.192	<0.0001	24	<0.01	0.038	<0.001	0.034
Kincumber	6	K_MW5	10 Oct 2024	<0.01	0.2	111	-	4	0.04	<0.001	0.027	<0.0001	16	<0.01	<0.001	<0.001	<0.001
Kincumber	7	K_MW6	10 Oct 2024	<0.01	<0.1	136	-	3	0.03	<0.001	0.019	<0.0001	1	<0.01	<0.001	0.003	<0.001
Kincumber	8	K_MW7	10 Oct 2024	0.04	<0.1	214	-	5	4.16	<0.001	0.08	<0.0001	1	<0.01	0.006	0.003	0.002
Kincumber	9	K_L01	10 Oct 2024	0.56	0.1	411	1.05	119	0.02	0.007	0.088	<0.0001	50	<0.01	0.007	0.034	<0.001
Kincumber	14	Traverse 1	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**October 2024 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results**

	Metals						Physical		NA				BTEX		
	Lead (filtered)	Magnesium (filtered)	Manganese (filtered)	Mercury (filtered)	Potassium (filtered)	Zinc (filtered)	Total Dissolved Solids @180°C	TSS	Bensulide	Demeton-O & Demeton-S	Sulfate as SO4 - Turbidimetric (filtered)	Accephate	Naphthalene (VOC)	Benzene	Ethylbenzene
EQI	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	mg/L	µg/L	mg/L	µg/L	µg/L
EQI	0.001	1	0.001	0.0001	1	0.005	10	5	0.1	0.02	1	0.5	0.005	1	2

Site ID	EPL No.	Location Code	Sampled Date	Lead (filtered)	Magnesium (filtered)	Manganese (filtered)	Mercury (filtered)	Potassium (filtered)	Zinc (filtered)	Total Dissolved Solids @180°C	TSS	Bensulide	Demeton-O & Demeton-S	Sulfate as SO4 - Turbidimetric (filtered)	Accephate	Naphthalene (VOC)	Benzene	Ethylbenzene
Kincumber	1	K_SW01	10 Oct 2024	-	-	-	-	-	-	-	73	-	-	-	-	-	-	-
Kincumber	2	K_SW02	DRY	-	-	-	-	-	-	-	73	-	-	-	-	-	-	-
Kincumber	3	K_ST02	10 Oct 2024	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-
Kincumber	4	K_ST01	10 Oct 2024	-	-	-	-	-	-	-	22	-	-	-	-	-	-	-
Kincumber	5	K_MW4	10 Oct 2024	<0.001	47	2.13	<0.0001	5	0.156	1,240	-	-	-	52	-	<0.005	<1	<2
Kincumber	6	K_MW5	10 Oct 2024	<0.001	18	0.026	<0.0001	6	0.014	494	-	-	-	21	-	<0.005	<1	<2
Kincumber	7	K_MW6	10 Oct 2024	<0.001	10	0.006	<0.0001	1	<0.005	466	-	-	-	51	-	<0.005	<1	<2
Kincumber	8	K_MW7	10 Oct 2024	<0.001	22	0.184	<0.0001	1	0.079	1,010	-	-	-	74	-	<0.005	<1	<2
Kincumber	9	K_L01	10 Oct 2024	<0.001	30	0.049	<0.0001	154	<0.005	1,940	45	<0.1	<0.02	<10	<0.5	<0.005	<1	<2
Kincumber	14	Traverse 1	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**October 2024 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results**

	BTEX					Phenols	Total Recoverable		Fungicide	Halogen	Organochlorine Pesticides				
	Toluene	Total BTEX	Xylene (m & p)	Xylene (o)	Xylene Total	Phenolics Total	C6-C10	C6-C10 (F1 minus BTEX)	Fosetyl-al	Hexachlorobenzene	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-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
EQI	2	1	2	2	2	50	20	20	10	0.01	0.01	0.01	0.01	0.5	0.01

Site ID	EPL No.	Location Code	Sampled Date	Toluene	Total BTEX	Xylene (m & p)	Xylene (o)	Xylene Total	Phenolics Total	C6-C10	C6-C10 (F1 minus BTEX)	Fosetyl-al	Hexachlorobenzene	4,4-DDE	a-BHC	Aldrin	Aldrin + Dieldrin	b-BHC
Kincumber	1	K_SW01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	10 Oct 2024	<2	<1	<2	<2	<2	<50	<20	<20	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	6	K_MW5	10 Oct 2024	<2	<1	<2	<2	<2	<50	<20	<20	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	7	K_MW6	10 Oct 2024	<2	<1	<2	<2	<2	<50	<20	<20	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	8	K_MW7	10 Oct 2024	<2	<1	<2	<2	<2	<50	<20	<20	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	9	K_L01	10 Oct 2024	<2	<1	<2	<2	<2	<50	<20	<20	<10	<0.010	<0.010	<0.010	<0.010	-	<0.010
Kincumber	14	Traverse 1	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**October 2024 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results**

Organochlorine Pesticides														
chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin aldehyde	Endrin ketone	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin
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
EQI	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

Site ID	EPL No.	Location Code	Sampled Date	chlordane	Chlordane (cis)	Chlordane (trans)	d-BHC	DDD	DDT	DDT+DDE+DDD	Dieldrin	Endosulfan	Endrin aldehyde	Endrin ketone	Endosulfan I	Endosulfan II	Endosulfan sulphate	Endrin
Kincumber	1	K_SW01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	10 Oct 2024	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	6	K_MW5	10 Oct 2024	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	7	K_MW6	10 Oct 2024	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	8	K_MW7	10 Oct 2024	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Kincumber	9	K_L01	10 Oct 2024	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Kincumber	14	Traverse 1	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**October 2024 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results**

	Organochlorine Pesticides					Polynuclear Aromatic Hydrocarbons									
	γ-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Oxychloridane	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(g,h,i)perylene	Benzo(b,f)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	µg/L
EQI	0.01	0.005	0.01	0.01	0.00001	1	1	1	1	0.5	1	0.001	1	1	1

Site ID	EPL No.	Location Code	Sampled Date	γ-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Oxychloridane	Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a) pyrene	Benzo(g,h,i)perylene	Benzo(b,f)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
Kincumber	1	K_SW01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	10 Oct 2024	<0.5	<0.5	<0.5	<2.0	-	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0
Kincumber	6	K_MW5	10 Oct 2024	<0.5	<0.5	<0.5	<2.0	-	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0
Kincumber	7	K_MW6	10 Oct 2024	<0.5	<0.5	<0.5	<2.0	-	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0
Kincumber	8	K_MW7	10 Oct 2024	<0.5	<0.5	<0.5	<2.0	-	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0
Kincumber	9	K_L01	10 Oct 2024	<0.010	<0.005	<0.010	<0.010	<0.000010	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<0.0010	<1.0	<1.0	<1.0
Kincumber	14	Traverse 1	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**October 2024 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results**

Polynuclear Aromatic Hydrocarbons							Organophosphorous Pesticides								
Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	Azinophos methyl	Bolstar (Sulprofos)	Bromophos-ethyl	Carbophenothion	Azinphos Ethyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl	
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	mg/L	
EQ	1	1	1	1	1	0.5	0.02	0.05	0.1	0.02	0.00002	0.02	0.02	0.0002	

Site ID	EPL No.	Location Code	Sampled Date	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	PAHs (Sum of total)	Azinophos methyl	Bolstar (Sulprofos)	Bromophos-ethyl	Carbophenothion	Azinphos Ethyl	Chlorfenvinphos	Chlorpyrifos	Chlorpyrifos-methyl
Kincumber	1	K_SW01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	10 Oct 2024	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.0005
Kincumber	6	K_MW5	10 Oct 2024	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.0005
Kincumber	7	K_MW6	10 Oct 2024	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.0005
Kincumber	8	K_MW7	10 Oct 2024	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.5	-	<0.5	<0.5	-	<0.5	<0.5	<0.0005
Kincumber	9	K_L01	10 Oct 2024	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<0.02	<0.05	<0.10	<0.02	<0.00002	<0.02	<0.02	<0.0002
Kincumber	14	Traverse 1	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**October 2024 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results**

Organophosphorous Pesticides															
Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethoprop	Ethion	Fenitrothion	Fensulfothion	Fenthion	EPN	Malathion	Methidathion	
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	
EQI	0.01	0.02	0.02	0.01	0.2	0.02	0.05	0.01	0.02	2	0.01	0.05	0.05	0.02	0.1

Site ID	EPL No.	Location Code	Sampled Date	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethoprop	Ethion	Fenitrothion	Fensulfothion	Fenthion	EPN	Malathion	Methidathion
Kincumber	1	K_SW01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	10 Oct 2024	-	-	-	<0.5	<0.5	<0.5	-	-	<0.5	-	-	<0.5	-	<0.5	-
Kincumber	6	K_MW5	10 Oct 2024	-	-	-	<0.5	<0.5	<0.5	-	-	<0.5	-	-	<0.5	-	<0.5	-
Kincumber	7	K_MW6	10 Oct 2024	-	-	-	<0.5	<0.5	<0.5	-	-	<0.5	-	-	<0.5	-	<0.5	-
Kincumber	8	K_MW7	10 Oct 2024	-	-	-	<0.5	<0.5	<0.5	-	-	<0.5	-	-	<0.5	-	<0.5	-
Kincumber	9	K_L01	10 Oct 2024	<0.01	<0.02	<0.02	<0.01	<0.20	<0.02	<0.05	<0.01	<0.02	<2	<0.01	<0.05	<0.05	<0.02	<0.1
Kincumber	14	Traverse 1	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**October 2024 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results**

	Organophosphorous Pesticides												TPH		
	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Omethoate	Phorate	Pyrazophos	Ronnel	Prothiofos	Terbufos	Thiometon	Trichloronate	Tetrachlorvinphos	C6-C9	C10-C14	C10-C16
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L
EQL	0.5	0.02	0.02	0.01	0.1	0.1	10	0.1	0.01	0.5	0.5	0.00001	0.02	50	100

Site ID	EPL No.	Location Code	Sampled Date	Methyl parathion	Mevinphos (Phosdrin)	Monocrotophos	Omethoate	Phorate	Pyrazophos	Ronnel	Prothiofos	Terbufos	Thiometon	Trichloronate	Tetrachlorvinphos	C6-C9	C10-C14	C10-C16
Kincumber	1	K_SW01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	10 Oct 2024	<2.0	-	<2.0	-	-	-	-	<0.5	-	-	-	-	<0.02	120	160
Kincumber	6	K_MW5	10 Oct 2024	<2.0	-	<2.0	-	-	-	-	<0.5	-	-	-	-	<0.02	<50	<100
Kincumber	7	K_MW6	10 Oct 2024	<2.0	-	<2.0	-	-	-	-	<0.5	-	-	-	-	<0.02	<50	<100
Kincumber	8	K_MW7	10 Oct 2024	<2.0	-	<2.0	-	-	-	-	<0.5	-	-	-	-	<0.02	<50	<100
Kincumber	9	K_L01	10 Oct 2024	<0.5	<0.02	<0.02	<0.01	<0.1	<0.1	<10	<0.1	<0.01	<0.5	<0.5	<0.00001	<0.02	210	280
Kincumber	14	Traverse 1	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**October 2024 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results**

	TPH							Other		Pesticides					
	C15-C28	C16-C34	C29-C36	C34-C40	+C10-C36 (Sum of total)	C10-C40 (Sum of total)	C10-C16 (F2 minus Naphthalene)	Naphthalophos	Triazophos	Demeton-S-methyl	Fenamiphos	Formothion	Parathion	Pirimiphos-methyl	Profenofos
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L
EQL	100	100	50	100	50	100	100	0.001	0.000005	0.02	0.01	20	0.2	0.00001	0.01

Site ID	EPL No.	Location Code	Sampled Date	C15-C28	C16-C34	C29-C36	C34-C40	+C10-C36 (Sum of total)	C10-C40 (Sum of total)	C10-C16 (F2 minus Naphthalene)	Naphthalophos	Triazophos	Demeton-S-methyl	Fenamiphos	Formothion	Parathion	Pirimiphos-methyl	Profenofos
Kincumber	1	K_SW01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	2	K_SW02	DRY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	3	K_ST02	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	4	K_ST01	10 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	5	K_MW4	10 Oct 2024	420	310	<50	<100	540	470	160	-	-	<0.5	<0.5	-	<2.0	-	-
Kincumber	6	K_MW5	10 Oct 2024	<100	<100	<50	<100	<50	<100	<100	-	-	<0.5	<0.5	-	<2.0	-	-
Kincumber	7	K_MW6	10 Oct 2024	<100	<100	<50	<100	<50	<100	<100	-	-	<0.5	<0.5	-	<2.0	-	-
Kincumber	8	K_MW7	10 Oct 2024	<100	<100	<50	<100	<50	<100	<100	-	-	<0.5	<0.5	-	<2.0	-	-
Kincumber	9	K_L01	10 Oct 2024	600	440	<50	<100	810	720	280	<0.0010	<0.000005	<0.02	<0.01	<20	<0.2	<0.00001	<0.01
Kincumber	14	Traverse 1	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	15	Traverse 2	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	16	Traverse 3	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	17	Traverse 4	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	18	Traverse 5	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	19	Traverse 6	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	20	Traverse 7	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	21	Traverse 8	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	22	Traverse 9	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	23	Traverse 10	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	25	Weighbridge & Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	26	Toilet	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	27	Office	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	28	Maintenance Shed	23 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	30	K_GMW1S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	31	K_GMW1D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	32	K_GMW2S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	33	K_GMW2D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	34	K_GMW3S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	35	K_GMW3D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	36	K_GMW4S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	37	K_GMW4D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	38	K_GMW5S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	39	K_GMW5D	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	40	K_GMW6S	09 Oct 2024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**October 2024 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas,
Gas Accumulation and Leachate Monitoring Results**

Pesticides			
Pirimphos-ethyl	Sulfotepp	Temephos	Trichlorfon
µg/L	µg/L	µg/L	µg/L
EQL	0.01	0.005	0.02

Site ID	EPL No.	Location Code	Sampled Date	Pirimphos-ethyl	Sulfotepp	Temephos	Trichlorfon
Kincumber	1	K_SW01	10 Oct 2024	-	-	-	-
Kincumber	2	K_SW02	DRY	-	-	-	-
Kincumber	3	K_ST02	10 Oct 2024	-	-	-	-
Kincumber	4	K_ST01	10 Oct 2024	-	-	-	-
Kincumber	5	K_MW4	10 Oct 2024	<0.5	-	-	-
Kincumber	6	K_MW5	10 Oct 2024	<0.5	-	-	-
Kincumber	7	K_MW6	10 Oct 2024	<0.5	-	-	-
Kincumber	8	K_MW7	10 Oct 2024	<0.5	-	-	-
Kincumber	9	K_L01	10 Oct 2024	<0.01	<0.005	<0.02	<0.02
Kincumber	14	Traverse 1	23 Oct 2024	-	-	-	-
Kincumber	15	Traverse 2	23 Oct 2024	-	-	-	-
Kincumber	16	Traverse 3	23 Oct 2024	-	-	-	-
Kincumber	17	Traverse 4	23 Oct 2024	-	-	-	-
Kincumber	18	Traverse 5	23 Oct 2024	-	-	-	-
Kincumber	19	Traverse 6	23 Oct 2024	-	-	-	-
Kincumber	20	Traverse 7	23 Oct 2024	-	-	-	-
Kincumber	21	Traverse 8	23 Oct 2024	-	-	-	-
Kincumber	22	Traverse 9	23 Oct 2024	-	-	-	-
Kincumber	23	Traverse 10	23 Oct 2024	-	-	-	-
Kincumber	25	Weighbridge & Office	23 Oct 2024	-	-	-	-
Kincumber	26	Toilet	23 Oct 2024	-	-	-	-
Kincumber	27	Office	23 Oct 2024	-	-	-	-
Kincumber	28	Maintenance Shed	23 Oct 2024	-	-	-	-
Kincumber	30	K_GMW1S	09 Oct 2024	-	-	-	-
Kincumber	31	K_GMW1D	09 Oct 2024	-	-	-	-
Kincumber	32	K_GMW2S	09 Oct 2024	-	-	-	-
Kincumber	33	K_GMW2D	09 Oct 2024	-	-	-	-
Kincumber	34	K_GMW3S	09 Oct 2024	-	-	-	-
Kincumber	35	K_GMW3D	09 Oct 2024	-	-	-	-
Kincumber	36	K_GMW4S	09 Oct 2024	-	-	-	-
Kincumber	37	K_GMW4D	09 Oct 2024	-	-	-	-
Kincumber	38	K_GMW5S	09 Oct 2024	-	-	-	-
Kincumber	39	K_GMW5D	09 Oct 2024	-	-	-	-
Kincumber	40	K_GMW6S	09 Oct 2024	-	-	-	-



**October 2024 - 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	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	42	K_GMW7D	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	43	K_GMW8S	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	44	K_GMW8D	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	45	K_GMW9S	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	46	K_GMW9D	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	47	K_GMW10D	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	48	K_GMW11S	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	49	K_GMW11D	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	50	K_MW4	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	51	K_MW5	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	52	K_MW6	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-
Kincumber	53	K_MW7	09 Oct 2024	0.0	-	-	-	-	-	-	-	-	-	-	-

Notes: * denotes maximum concentration reported at each location

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

[6052.pdf \(nsw.gov.au\)](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, Quarterly Surface Water and Yearly Leachate.

Date pollution monitoring data was obtained by licensee: 06/11/2024