



Table 1: Groundwater, Surface Water and Landfill Gas Monitoring Results - January 2022

Depth to groundwater (measured)	Field							Inorganics							Metals					Physical Parameters	
	DO (Field)	Electrical Conductivity (Non-Compensated)	pH (Field)	Redox Potential (Field)	Temp (Field)	Ammonia as N	Alkalinity (Hydroxide) as CaCO3	Alkalinity (Total) as CaCO3	BOC	Carbonate Alkalinity as CaCO3	Chloride	Alkalinity (Bicarbonate as CaCO3)	TDC	Sodium	Sulfate as SO4	Calcium	Magnesium	Potassium	Total Dissolved Solids @ 180°C	TSS	
m	mg/L	µS/cm	-	mV	°C	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	mg/L	
EOL						0.01	20	20	5	10	1	20	5	0.5	5	0.5	0.5	0.5	10	1	

Site ID	Location Code	Sampled Date Time	DO (Field)	Electrical Conductivity (Non-Compensated)	pH (Field)	Redox Potential (Field)	Temp (Field)	Ammonia as N	Alkalinity (Hydroxide) as CaCO3	Alkalinity (Total) as CaCO3	BOC	Carbonate Alkalinity as CaCO3	Chloride	Alkalinity (Bicarbonate as CaCO3)	TDC	Sodium	Sulfate as SO4	Calcium	Magnesium	Potassium	Total Dissolved Solids @ 180°C	TSS	
Kincumber	K_MW4	19-Jan-22	3.954	1.64	1373	6.4	33	21.3	300	0.05	<20	300	-	<10	100	79	61	19	110	15	1.6	660	-
Kincumber	K_MW5	19-Jan-22	2.887	0.82	1077	6.11	-58.6	20.8	92	0.67	<20	92	-	<10	210	130	27	46	16	23	6.1	450	-
Kincumber	K_MW6	19-Jan-22	9.879	1.7	848	4.86	252.3	20.2	<20	0.01	<20	<20	-	<10	140	120	71	<5	0.9	7.1	1.2	410	-
Kincumber	K_MW7	19-Jan-22	4.15	1.11	1134	4.56	182.1	20.1	<20	0.2	<20	<20	-	<10	490	240	89	40	6.9	29	7.3	1100	-
Kincumber	K_ST01	19-Jan-22	-	4.23	298	7.92	55.8	24.9	-	1.7	-	7.4	-	-	-	-	-	-	-	-	-	-	<5
Kincumber	K_ST02	19-Jan-22	-	4.39	294	7.58	54.3	24.8	-	0.91	-	-	-	-	-	-	-	-	-	-	-	-	<5
Kincumber	K_SW01	19-Jan-22	-	4.49	230	6.9	78.6	21.4	-	0.06	-	<5	-	-	-	-	-	-	-	-	-	-	<5
Kincumber	K_SW02	19-Jan-22	-	4.07	267	6.88	89.7	22.3	-	0.02	-	<5	-	-	-	-	-	-	-	-	-	-	<5

Site ID	Location Code	Sampled Date Time	Gas Chemistry													
			Flow (Stabilised)	Relative Pressure (Stabilised)	Methane (Initial)	Methane (Stabilised)	Carbon Dioxide (Initial)	Carbon Dioxide (Stabilised)	Oxygen (Initial)	Oxygen (Stabilised)	Carbon Monoxide (Initial)	Carbon Monoxide (Stabilised)	Hydrogen Sulfide (Initial)	Hydrogen Sulfide (Stabilised)	Barometer	Methane
L/hr	mb	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	mb	ppm		
Kincumber	K_GMW10d	25-Jan-22	0.2	0	0	0	1.3	2.2	19.8	18.8	0	0	0	0	998	-
Kincumber	K_GMW11d	25-Jan-22	0.3	0	0	0	1.2	1	20.7	20.9	0	0	0	0	998	-
Kincumber	K_GMW11s	25-Jan-22	0.2	0	0	0	1.6	1.7	20.4	20.4	0	0	0	0	998	-
Kincumber	K_GMW12d	25-Jan-22	0.1	0	0	0	8.1	9.9	11.5	12.1	0	0	0	0	998	-
Kincumber	K_GMW13d	25-Jan-22	0	0	0	0	4.6	4.8	16.8	16.3	0	0	0	0	998	-
Kincumber	K_GMW14d	25-Jan-22	0.2	0	0	0	4.5	5.1	18.7	18	0	0	0	0	998	-
Kincumber	K_GMW1d	25-Jan-22	0	0	0	0	0.2	0.1	20.6	20.8	0	0	0	0	998	-
Kincumber	K_GMW1s	25-Jan-22	0	0	0	0	0.4	0.2	21	21.2	0	0	0	0	998	-
Kincumber	K_GMW2d	25-Jan-22	0	0	0	0	0.3	0.1	19.6	20.8	0	0	0	0	998	-
Kincumber	K_GMW2s	25-Jan-22	0	1	0	0	11.3	12.1	11.5	8.4	0	0	0	0	998	-
Kincumber	K_GMW3d	25-Jan-22	0.5	0	0	0	0.2	0.3	20.4	20.4	0	0	0	0	998	-
Kincumber	K_GMW3s	25-Jan-22	0	0	0	0	7.5	1.1	15.7	19.8	0	0	0	0	998	-
Kincumber	K_GMW4s	25-Jan-22	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-
Kincumber	K_GMW4d	25-Jan-22	0	0	0	0	1.8	2.4	19.8	18.9	0	0	0	0	998	-
Kincumber	K_GMW5d	25-Jan-22	0.1	0	0	0	2.6	1.3	17.6	19.9	0	0	0	0	998	-
Kincumber	K_GMW5s	25-Jan-22	0.2	0	0	0	0.5	1.9	20.7	19.6	0	0	0	0	998	-
Kincumber	K_GMW6s	25-Jan-22	0.1	0	0	0	0.9	1.5	19.8	19.3	0	0	0	0	998	-
Kincumber	K_GMW7d	25-Jan-22	0.2	0	0	0	2.1	4.4	18.3	15.7	0	0	0	0	998	-
Kincumber	K_GMW7s	25-Jan-22	0	0	0	0	0.8	1.5	17.8	19.2	0	0	0	0	998	-
Kincumber	K_GMW8d	25-Jan-22	0.1	0	0	0	0.1	0.1	19.9	20.6	0	0	0	0	998	-
Kincumber	K_GMW8s	25-Jan-22	0.1	0	0	0	1.2	2	19.8	18.5	0	0	0	0	998	-
Kincumber	K_GMW9d	25-Jan-22	0	0.12	0	0	0.1	0	20.2	0	0	0	0	0	998	-
Kincumber	K_GMW9s	25-Jan-22	0.2	0	0	0	0.9	1.7	18.9	19.1	0	0	0	0	998	-
Kincumber	K_MW4	25-Jan-22	0	0	0	0	0.8	0.2	18.9	20.7	0	0	0	0	998	-
Kincumber	K_MW5	25-Jan-22	0.2	0	0	0	3.4	5.1	18.8	16.1	0	0	0	0	998	-
Kincumber	K_MW6	25-Jan-22	0.2	0	0	0	1.3	1.1	19.7	20.2	0	0	0	0	998	-
Kincumber	K_MW7	25-Jan-22	0.1	0	0	0	1.4	0.7	20.2	20.4	0	0	0	0	998	-
Kincumber	K_T1	25-Jan-22	0	0	0	0	0.1	0.2	20.6	20.6	0	0	0	0	998	-
Kincumber	K_T2	25-Jan-22	0	0	0	0	0.1	0.2	20.7	20.6	0	0	0	0	998	-
Kincumber	K_T3	25-Jan-22	0	0	0	0	0.2	0.1	20.5	20.4	0	0	0	0	998	-
Kincumber	K_T4	25-Jan-22	0	0	0	0	0.1	0.1	20.3	20.3	0	0	0	0	998	-
Kincumber	Traverse 1	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-
Kincumber	Traverse 2	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-
Kincumber	Traverse 3	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-
Kincumber	Traverse 4	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-
Kincumber	Traverse 5	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	734*	-
Kincumber	Traverse 6	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-
Kincumber	Traverse 7	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-
Kincumber	Traverse 8	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-
Kincumber	Traverse 9	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-
Kincumber	Traverse 10	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-
Kincumber	Weightbridge & Office	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-
Kincumber	Toilet	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-
Kincumber	Office	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-
Kincumber	Maintenance Shed	25-Jan-22	-	-	-	-	-	-	-	-	-	-	-	-	<5*	-

Site\_ID = 'Kincumber' AND

Sampled\_Date\_Time > '1 July 2021'