



Table 1: Summary of Groundwater, Surface Water and Landfill Gas Field and Analytical Results

Buttonderry Waste Management Facility, Central Coast Council

Site_ID	Location_Code	Field_ID	Sampled_Date_Time	Lab_Report_Number	Field							Inorganics					Metals		Landfill Gas
					Depth to groundwater (measured)	DO (Field)	Electrical Conductivity (Non Compensated)	pH (Field)	Redox Potential (Field)	Temp (Field)	Volume (litres)	Alkalinity (Bicarbonate as CaCO3)	Ammonia as N	Alkalinity (Hydroxide) as CaCO3	Alkalinity (total) as CaCO3	Carbonate Alkalinity as CaCO3	Nitrate (as N)	TOC	Iron
EQL					m	mg/L	µS/cm	-	mV	oC	L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ppm
					20	0.01	20	20	10	0.02	5	0.05	1						
Buttonderry	B_101S	B_101S_200122	18-Jan-22	860622	3.559	2.55	16,311	6.18	123.5	20.7	8	-	0.02	-	320	-	<0.02	<5	26
Buttonderry	B_102S	B_102S_200122	18-Jan-22	860622	2.134	1.02	5948	4.94	230.2	19.5	13	-	0.23	-	25	-	3.2	13	0.59
Buttonderry	B_103D	B_103D_200122	18-Jan-22	860622	2.929	4.3	4794	5.38	199.2	22.5	26	-	0.09	-	120	-	<0.02	54	5.9
Buttonderry	B_104S	B_104S_200122	20-Jan-22	860622	2.199	2.09	1989	6.69	23.9	21.6	12	-	1	-	360	-	<0.02	15	12
Buttonderry	B_105S	B_105S_200122	20-Jan-22	860622	1.643	0.52	2399	5.5	-79.7	21.2	30	-	0.75	-	610	-	<0.02	40	12
Buttonderry	B_110D	B_110D_200122	20-Jan-22	860622	4.01	1.38	12,600	6.33	-36.9	20.5	28	-	<0.01	-	550	-	<0.02	7	1.9
Buttonderry	B_110D	B_DUPBT1_200122	20-Jan-22	860622	-	-	-	-	-	-	-	-	<0.01	-	530	-	<0.02	<5	0.62
Buttonderry	B_111S	B_111S_200122	20-Jan-22	860622	3.497	1.54	14,998	5.11	-48.2	20.6	0	-	0.22	-	<20	-	2.4	21	25
Buttonderry	B_112D	B_112D_200122	20-Jan-22	860622	2.67	1.28	10,455	4.22	248.7	20.1	35	-	0.15	-	<20	-	<0.02	8	39
Buttonderry	B_113s	B_113S_200122	20-Jan-22	860622	2.204	2.11	2175	6.59	-87.9	23.1	5	-	0.99	-	610	-	<0.02	12	22
Buttonderry	B_613s	B_613S_200122	18-Jan-22	860622	3.689	0.84	5422	5.95	0.6	23.3	0	-	0.39	-	160	-	0.02	52	150
Buttonderry	B_617S	B_617S_180122	18-Jan-22	856776	2.43	1.28	10,553	5.35	104	21.1	1	78	0.16	<20	78	<20	<0.02	15	13
Buttonderry	B_901	B_901_180122	18-Jan-22	856776	4.659	0.84	12,053	6.76	-135.6	21.9	1	860	0.11	<20	860	<20	<0.02	6.7	4.2
Buttonderry	B_902	B_902_180122	18-Jan-22	856776	2.525	2.32	13,230	6.61	54.1	21.4	16	780	<0.01	<20	780	<20	0.43	<5	2.1
Buttonderry	B_B	B_B_200122	18-Jan-22	860622	4.237	4.24	13,311	6.38	66	21.3	14	-	0.08	-	240	-	<0.02	<5	48
Buttonderry	B_BT16	B_BT16_180122	18-Jan-22	856776	2.154	1.11	10,511	5.57	-1.2	18.7	30	580	<0.01	<20	640	57	<0.02	<5	0.47
Buttonderry	B_BT17	B_BT17_180122	18-Jan-22	856776	3.034	1.81	13,441	6.6	-131.3	18.7	16	790	<0.01	<20	790	<20	2.7	<5	1.5
Buttonderry	B_BT19	B_BT19_180122	18-Jan-22	856776	0.5	2.32	10,784	6.6	-19.3	19	25	710	0.08	<20	710	<20	0.51	<5	0.1
Buttonderry	B_BT20	B_BT20_180122	18-Jan-22	856776	1.57	2.13	9948	6.44	-17.9	19.2	25	490	0.15	<20	490	<20	0.03	11	8.5
Buttonderry	B_BT3	B_BT3_180122	18-Jan-22	856776	2.03	2.77	13,777	5.65	40.1	19	16	120	0.21	<20	120	<20	<0.02	<5	53
Buttonderry	B_BT4	B_BT4_180122	18-Jan-22	856776	1.399	2.15	13,554	5.38	99.1	21	0	110	0.25	<20	110	<20	0.07	<5	65
Buttonderry	B_BTD	B_BTD_180122	18-Jan-22	856776	-	3.56	711	7.26	85.5	26.8	-	95	0.03	<20	95	<20	0.98	<5	0.38
Buttonderry	B_BTD	B_DUPBT2_180122	18-Jan-22	856776	-	-	-	-	-	-	-	81	0.03	<20	81	<10	1.5	12	0.35
Buttonderry	B_BTM	B_BTM_180122	18-Jan-22	856776	-	0.08	800	6.5	20	22.3	-	36	0.05	<20	36	<20	<0.02	25	4.7
Buttonderry	B_BTU	B_BTU_180122	18-Jan-22	856776	-	0.04	966	6.41	-45.6	22.1	-	340	0.42	<20	340	<20	1.6	21	7.5
Buttonderry	B_TB1	B_TB1_180122	18-Jan-22	856776	1.735	0.76	1514	6.99	-130.7	21.7	10	890	4.5	<20	890	<20	<0.02	<5	12
Buttonderry	B_TB2	B_TB2_200122	20-Jan-22	860622	0.944	2.06	9933	5.81	112.3	21.3	40	-	0.53	-	240	-	<0.02	<5	0.85

Site_ID = 'Buttonderry' AND

Sampled_Date_Time > '17 Dec 2021'