

Appendix B

Results Summary Tables

Bargo WMC

Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

Project Number	30018124
Sampling Dates	2025-03-19 08:42 to 2024-12-02
Sampler Name	HW
Weather Conditions	Clear, sunny
Weather Station	High Range (Wanganderry)
BoM Barometric Pressure (mB)	1021.1 (Rising) recorded at 08:19
Device Atmospheric Pressure (mB)	
Wind Speed (km/h)	17
Instrument ID	Inspectra Laser (SN#3071022)
Date of Calibration	10/04/2024

Surface Gas Notes
Value exceeds adopted threshold
Surface gas > 500ppm (0.05 %v/v)
Gas accumulation > 10000ppm (1 %v/v)

Landfill Gas Surface Monitoring Results				
Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
EPA 9 - Surface points				
1	1.4	0.00014		
2	1.7	0.00017		
3	1.4	0.00014		
4	1.6	0.00016		
5	1.3	0.00013		
6	1.4	0.00014		
7	1.5	0.00015		
8	1.5	0.00015		
9	1.8	0.00018		
10	1.6	0.00016		
11	1.8	0.00018		
12	1.6	0.00016		
13	1	0.0001		
14	1.1	0.00011		
15	0.9	0.00009		
16	1.4	0.00014		
17	1.6	0.00016		
18	1.5	0.00015		
19	1.3	0.00013		
20	1.4	0.00014		
21	1.1	0.00011		
22	1.4	0.00014		

Landfill Gas Surface Monitoring Results				
Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	1.3	0.00013		
24	1.5	0.00015		
25	1.7	0.00017		
26	1.6	0.00016		
27	1.3	0.00013		
28	1.5	0.00015		
29	11.4	0.00114		
30	1.4	0.00014		
31	2.4	0.00024		
32	2.1	0.00021		
33	1.5	0.00015		
34	1.3	0.00013		
35	1.5	0.00015		
36	1.6	0.00016		
37	1.2	0.00012		
38	1.3	0.00013		
39	1.7	0.00017		
40	1.4	0.00014		
41	1.5	0.00015		
42	1.6	0.00016		
43	1.5	0.00015		
44	2.4	0.00024		
45	1.7	0.00017		
46	1.5	0.00015		
47	1.3	0.00013		
48	1.2	0.00012		
49	1.4	0.00014		
52	36.8	0.00368		
53	2.7	0.00027		
54	1.6	0.00016		
55	5.8	0.00058		
56	2.1	0.00021		
57	18.7	0.00187		
58	4.6	0.00046		
59	1.7	0.00017		
60	1.9	0.00019		
61	0.6	0.00006		
62	0.5	0.00005		
63	0.7	0.00007		
64	1.7	0.00017		

Landfill Gas Surface Monitoring Results				
Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
65	1.9	0.00019		
66	1.4	0.00014		
67	1.6	0.00016		
68	1.7	0.00017		
69	14.2	0.00142		
70	8.7	0.00087		
71	1.4	0.00014		
72	2.5	0.00025		
73	2.6	0.00026		
74	2.2	0.00022		
75	2	0.0002		
76	2.2	0.00022		
77	2.4	0.00024		
78	1.2	0.00012		
79	1.4	0.00014		
80	1.7	0.00017		
81	1.4	0.00014		
82	1.5	0.00015		
83	1.8	0.00018		
84	1.7	0.00017		
85	1.4	0.00014		
86	1.6	0.00016		
87	1.7	0.00017		
88	1.8	0.00018		
Additional Monitoring points				
1-A1	2.4	0.00024		
2-A1	2.6	0.00026		
3-A1	1.4	0.00014		
4-A1	1.5	0.00015		
5-A1	1.6	0.00016		
6-A1	1.9	0.00019		
7-A1	1.6	0.00016		
8-A1	2.1	0.00021		
10-A1	1.9	0.00019		
11-A1	1.5	0.00015		
12-A1	1.8	0.00018		
13-A1	1.5	0.00015		
14-A1	2.3	0.00023		
15-A1	2.6	0.00026		
16-A1	1.4	0.00014		

Landfill Gas Surface Monitoring Results				
Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
17-A1	2.2	0.00022		
18-A1	2.6	0.00026		
19-A1	1.8	0.00018		
20-A1	2.2	0.00022		
21-A1	1.8	0.00018		
22-A1	2.8	0.00028		
23-A1	2.5	0.00025		
24-A1	1.8	0.00018		
26-A1	50.8	0.00508		
27-A1	2.9	0.00029		
28-A1	1.8	0.00018		
29-A1	2.4	0.00024		
30-A1	2.2	0.00022		
31-A1	2	0.0002		
32-A1	2.5	0.00025		
33-A1	1.4	0.00014		
34-A1	1.6	0.00016		
35-A1	1.8	0.00018		
36-A1	1.8	0.00018		
37-A1	2	0.0002		
38-A1	1.9	0.00019		
39-A1	2	0.0002		
40-A1	1.8	0.00018		
41-A1	2.2	0.00022		
42-A1	1.6	0.00016		
43-A1	2.2	0.00022		
44-A1	1.6	0.00016		
45-A1	2.4	0.00024		
46-A1	2.2	0.00022		
47-A1	2.9	0.00029		
48-A1	1.9	0.00019		
49-A1	1.4	0.00014		
50-A1	1.8	0.00018		
Entry Ramp	1.7	0.00017		
Septic tank	49.2	0.00492		
EPA 10 - Gas Accumulation points				
1	0.9	0.00009		
2	0.9	0.00009		
3	1	0.0001		
4	1	0.0001		

Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
5	0.9	0.00009		
6	1	0.0001		
7	0.9	0.00009		