

Appendix B

Results Summary Tables

Bargo WMC

Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

Project Number	30018124
Sampling Dates	2025-06-26 08:31 to 2025-06-26 11:39
Sampler Name	HW
Weather Conditions	Clear, sunny
Weather Station	High Range (Wanganderry)
BoM Barometric Pressure (mB)	1022.8 (Rising) recorded at 15:22
Device Atmospheric Pressure (mB)	
Wind Speed (km/h)	32
Instrument ID	Inspectra Laser (SN#490323)
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	1.6	0.00016		
2	1.9	0.00019		
3	1	0.0001		
4	1.2	0.00012		
5	1.1	0.00011		
6	1.5	0.00015		
7	1.4	0.00014		
8	1.9	0.00019		
9	1.4	0.00014		
10	1.6	0.00016		
11	1	0.0001		
12	1	0.0001		
14	0.9	0.00009		
15	1.1	0.00011		
16	1	0.0001		
17	1.2	0.00012		
18	1.2	0.00012		
20	1	0.0001		
21	0.9	0.00009		
22	1.1	0.00011		
23	1	0.0001		
24	1.2	0.00012		

Landfill Gas Surface Monitoring Results				
Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
25	1.3	0.00013		
27	1	0.0001		
28	1.1	0.00011		
29	1.5	0.00015		
30	1.2	0.00012		
31	6.3	0.00063		
32	1	0.0001		
33	1.2	0.00012		
34	1.1	0.00011		
35	1.6	0.00016		
36	1.8	0.00018		
37	1.3	0.00013		
38	1.5	0.00015		
39	1	0.0001		
40	1.1	0.00011		
41	1.5	0.00015		
42	1.3	0.00013		
43	0.9	0.00009		
44	0.8	0.00008		
45	1	0.0001		
46	1.5	0.00015		
47	1.6	0.00016		
48	1.4	0.00014		
49	1.6	0.00016		
50	1.4	0.00014		
51	33.6	0.00336		
52	2.9	0.00029		
53	1.2	0.00012		
54	1.6	0.00016		
55	21.3	0.00213		
56	1.9	0.00019		
57	13.5	0.00135		
58	1.6	0.00016		
59	1.8	0.00018		
60	1.6	0.00016		
61	1.4	0.00014		
62	1.5	0.00015		
63	1.6	0.00016		
64	1.2	0.00012		
65	1.7	0.00017		

Landfill Gas Surface Monitoring Results				
Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
66	1.4	0.00014		
67	1.1	0.00011		
68	1.4	0.00014		
69	1	0.0001		
70	1	0.0001		
71	2.2	0.00022		
72	1.4	0.00014		
73	1.6	0.00016		
74	1.9	0.00019		
75	1.6	0.00016		
76	1.9	0.00019		
78	1.6	0.00016		
79	1.6	0.00016		
80	1.4	0.00014		
81	1.6	0.00016		
82	1.5	0.00015		
83	1.4	0.00014		
84	1.2	0.00012		
85	1	0.0001		
86	1.4	0.00014		
87	1	0.0001		
Additional Monitoring points				
1-A1	1.9	0.00019		
2-A1	1.5	0.00015		
3-A1	1.1	0.00011		
4-A1	1.6	0.00016		
5-A1	1.5	0.00015		
7-A1	1.4	0.00014		
8-A1	1.6	0.00016		
9-A1	1.2	0.00012		
10-A1	1.3	0.00013		
11-A1	1.5	0.00015		
12-A1	1.2	0.00012		
13-A1	1.3	0.00013		
14-A1	1.6	0.00016		
15-A1	1	0.0001		
16-A1	1.6	0.00016		
17-A1	1.9	0.00019		
18-A1	1.5	0.00015		
19-A1	1.4	0.00014		

Landfill Gas Surface Monitoring Results				
Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
20-A1	1.8	0.00018		
21-A1	1.6	0.00016		
22-A1	1.6	0.00016		
23-A1	1.8	0.00018		
24-A1	1.7	0.00017		
25-A1	2	0.0002		
26-A1	1.4	0.00014		
27-A1	1.9	0.00019		
28-A1	1.5	0.00015		
29-A1	2.3	0.00023		
30-A1	2.6	0.00026		
31-A1	1.9	0.00019		
32-A1	2	0.0002		
33-A1	1.9	0.00019		
34-A1	1.8	0.00018		
35-A1	2.6	0.00026		
36-A1	2.1	0.00021		
37-A1	1.8	0.00018		
38-A1	2.2	0.00022		
39-A1	1.4	0.00014		
40-A1	1.6	0.00016		
42-A1	1.6	0.00016		
43-A1	1.5	0.00015		
44-A1	1.8	0.00018		
45-A1	1.5	0.00015		
47-A1	2.2	0.00022		
48-A1	1.5	0.00015		
49-A1	1.9	0.00019		
50-A1	1.7	0.00017		
Entry Ramp	1.2	0.00012		
Septic tank	1.6	0.00016		
EPA 10 - Gas Accumulation points				
1	0.9	0.00009		
2	1	0.0001		
3	1	0.0001		
4	0.9	0.00009		
5	1	0.0001		
6	0.9	0.00009		
7	1	0.0001		