

Appendix B

Results Summary Tables

Bargo WMC

Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

Project Number	30018124
Sampling Dates	2025-07-22 09:44 to 2025-07-22 11:39
Sampler Name	HW
Weather Conditions	Partly cloudy
Weather Station	High Range (Wanganderry)
BoM Barometric Pressure (mB)	1019.5 (Rising) recorded at 09:30
Device Atmospheric Pressure (mB)	
Wind Speed (km/h)	20
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	1.3	0.00013		
2	1.1	0.00011		
3	1.2	0.00012		
4	1.2	0.00012		
5	1.1	0.00011		
6	1.5	0.00015		
7	1.8	0.00018		
8	1.5	0.00015		
9	1.2	0.00012		
10	1.6	0.00016		
11	1.8	0.00018		
12	1.3	0.00013		
13	1.8	0.00018		
14	2.7	0.00027		
15	1.5	0.00015		
16	1.6	0.00016		
17	1.2	0.00012		
18	1.1	0.00011		
19	1	0.0001		
20	2	0.0002		
21	13.1	0.00131		
22	1.7	0.00017		

Landfill Gas Surface Monitoring Results				
Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	1.5	0.00015		
24	1.6	0.00016		
25	1.7	0.00017		
26	1.5	0.00015		
27	1.6	0.00016		
28	1.9	0.00019		
29	3.1	0.00031		
30	3.7	0.00037		
31	1.9	0.00019		
32	8.9	0.00089		
33	1.5	0.00015		
34	2.7	0.00027		
35	1.6	0.00016		
36	1.3	0.00013		
37	1.3	0.00013		
38	0.9	0.00009		
39	1.1	0.00011		
40	1.3	0.00013		
41	1.1	0.00011		
42	1	0.0001		
43	0.7	0.00007		
44	0.7	0.00007		
45	0.9	0.00009		
46	1.3	0.00013		
47	1	0.0001		
48	0.8	0.00008		
49	0.9	0.00009		
50	1.1	0.00011		
51	2.7	0.00027		
52	3	0.0003		
53	389	0.0389		
54	193	0.0193		
55	1.3	0.00013		
56	1.4	0.00014		
57	19.1	0.00191		
58	1.3	0.00013		
59	1.1	0.00011		
60	6	0.0006		
61	2.6	0.00026		
62	1.6	0.00016		

Landfill Gas Surface Monitoring Results				
Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
63	1.1	0.00011		
64	1.1	0.00011		
65	1.2	0.00012		
66	1.7	0.00017		
67	1.6	0.00016		
68	2.3	0.00023		
69	2.7	0.00027		
70	1.8	0.00018		
71	1.8	0.00018		
72	1.8	0.00018		
73	2.2	0.00022		
74	2.1	0.00021		
75	1.2	0.00012		
76	1.2	0.00012		
78	1.6	0.00016		
79	1.6	0.00016		
80	2.2	0.00022		
81	1.9	0.00019		
82	1.8	0.00018		
83	2.7	0.00027		
84	3.6	0.00036		
85	1.8	0.00018		
86	1.9	0.00019		
87	1.9	0.00019		
88	1.9	0.00019		
Additional Monitoring points				
1-A1	1.9	0.00019		
2-A1	1.6	0.00016		
3-A1	1.1	0.00011		
4-A1	1.2	0.00012		
5-A1	1.4	0.00014		
6-A1	58.3	0.00583		
7-A1	128	0.0128		
8-A1	3.5	0.00035		
9-A1	1.5	0.00015		
10-A1	1.3	0.00013		
11-A1	1.9	0.00019		
12-A1	1.1	0.00011		
13-A1	1.8	0.00018		
14-A1	2.6	0.00026		

Landfill Gas Surface Monitoring Results				
Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
15-A1	1.8	0.00018		
16-A1	2.2	0.00022		
17-A1	1.9	0.00019		
18-A1	275	0.0275		
19-A1	1.5	0.00015		
20-A1	1.1	0.00011		
21-A1	1.6	0.00016		
22-A1	5.2	0.00052		
23-A1	1.8	0.00018		
24-A1	1	0.0001		
25-A1	2.8	0.00028		
26-A1	1.2	0.00012		
27-A1	1.9	0.00019		
28-A1	1.6	0.00016		
29-A1	1.6	0.00016		
30-A1	2.4	0.00024		
31-A1	1.9	0.00019		
32-A1	2.2	0.00022		
33-A1	1.7	0.00017		
34-A1	1.6	0.00016		
35-A1	2.9	0.00029		
36-A1	1.6	0.00016		
37-A1	1.4	0.00014		
38-A1	2.6	0.00026		
39-A1	1.2	0.00012		
40-A1	1.4	0.00014		
41-A1	2.3	0.00023		
42-A1	1.4	0.00014		
43-A1	1.7	0.00017		
44-A1	1.1	0.00011		
45-A1	1.5	0.00015		
46-A1	1.9	0.00019		
47-A1	1.8	0.00018		
48-A1	1.5	0.00015		
49-A1	1.9	0.00019		
50-A1	1.7	0.00017		
Entry Ramp	0.7	0.00007		
EPA 10 - Gas Accumulation points				
7	1.2	0.00012		