

Appendix B

Results Summary Tables

Bargo WMC

Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

Project Details

Project Number	30018124
Project Name	
Site Name	Bargo WMC
Site Location	
Client	
Inspection Series	

Inspection Details

Start Date	2025-09-25
Start Time	08:45
End Date	2025-09-25
End Time	12:00
Sampler Name	JS

General Environment Conditions

Weather Conditions Observed	Sunny, minimal clouds
Weather Station	High Range (Wanganderry)
Temperature	
Wind	
Wind Speed (Start of Monitoring) (km/h)	33
Wind Speed (End of Monitoring) (km/h)	33
Sky	
Air	
Barometer Sample Time	08:30
Barometric Pressure (mB)	1017
Barometric Pumping	Rising
Device Atmospheric Pressure (mB)	

Equipment Details

Instrument ID and Serial Number	CH4 3071022
Calibration Date	
Calibration Image	

General Details

General Comments	
General Photos	

Surface Locations

Group	Threshold
Surface Gas	500ppm (0.05 %v/v)
Gas accumulation	10000ppm (1 %v/v)
Value exceeds adopted threshold	

Identifier	Group	Time	Methane		Comments	Photos
			ppm	%v/v		
1	EPA 9 - Surface points		1.5	0.00015		
2	EPA 9 - Surface points		2	0.0002		
3	EPA 9 - Surface points		1.5	0.00015		
4	EPA 9 - Surface points		1.5	0.00015		
5	EPA 9 - Surface points		1.4	0.00014		
6	EPA 9 - Surface points		1.4	0.00014		
7	EPA 9 - Surface points		1.2	0.00012		
8	EPA 9 - Surface points		1.2	0.00012		
9	EPA 9 - Surface points		1.8	0.00018		
10	EPA 9 - Surface points		1.8	0.00018		
11	EPA 9 - Surface points		1.7	0.00017		
12	EPA 9 - Surface points		1.4	0.00014		
13	EPA 9 - Surface points		1.7	0.00017		
14	EPA 9 - Surface points		1.7	0.00017		
15	EPA 9 - Surface points		1.5	0.00015		
16	EPA 9 - Surface points		1.1	0.00011		
17	EPA 9 - Surface points		2.3	0.00023		
18	EPA 9 - Surface points		5.3	0.00053		
19	EPA 9 - Surface points		2.1	0.00021		
20	EPA 9 - Surface points		8.6	0.00086		
21	EPA 9 - Surface points		3.2	0.00032		
22	EPA 9 - Surface points		2.7	0.00027		
23	EPA 9 - Surface points		1.4	0.00014		
24	EPA 9 - Surface points		1.4	0.00014		
25	EPA 9 - Surface points		0.9	0.00009		
26	EPA 9 - Surface points		1	0.0001		
27	EPA 9 - Surface points		1.1	0.00011		
28	EPA 9 - Surface points		1.1	0.00011		
29	EPA 9 - Surface points		2.3	0.00023		
30	EPA 9 - Surface points		2.7	0.00027		
31	EPA 9 - Surface points		1.3	0.00013		
32	EPA 9 - Surface points		1.4	0.00014		
33	EPA 9 - Surface points		1.1	0.00011		
34	EPA 9 - Surface points		0.9	0.00009		
35	EPA 9 - Surface points		7.1	0.00071		

Identifier	Group	Time	Methane		Comments	Photos
			ppm	%v/v		
36	EPA 9 - Surface points		1.1	0.00011		
37	EPA 9 - Surface points		1	0.0001		
38	EPA 9 - Surface points		1	0.0001		
39	EPA 9 - Surface points		0.9	0.00009		
40	EPA 9 - Surface points		0.9	0.00009		
41	EPA 9 - Surface points		1.3	0.00013		
42	EPA 9 - Surface points		1.4	0.00014		
43	EPA 9 - Surface points		1.3	0.00013		
44	EPA 9 - Surface points		1.4	0.00014		
45	EPA 9 - Surface points		1.4	0.00014		
46	EPA 9 - Surface points		1.6	0.00016		
47	EPA 9 - Surface points		1.2	0.00012		
48	EPA 9 - Surface points		2	0.0002		
49	EPA 9 - Surface points		2.5	0.00025		
50	EPA 9 - Surface points		1.9	0.00019		
51	EPA 9 - Surface points		4.3	0.00043		
52	EPA 9 - Surface points		2.2	0.00022		
53	EPA 9 - Surface points		3.3	0.00033		
54	EPA 9 - Surface points		4.1	0.00041		
55	EPA 9 - Surface points		103	0.0103		
56	EPA 9 - Surface points		3	0.0003		
57	EPA 9 - Surface points		16.1	0.00161		
58	EPA 9 - Surface points		1	0.0001		
59	EPA 9 - Surface points		1.7	0.00017		
60	EPA 9 - Surface points		1.1	0.00011		
61	EPA 9 - Surface points		0.9	0.00009		
62	EPA 9 - Surface points		0.8	0.00008		
63	EPA 9 - Surface points		0.8	0.00008		
64	EPA 9 - Surface points		1	0.0001		
65	EPA 9 - Surface points		1.1	0.00011		
66	EPA 9 - Surface points		1	0.0001		
67	EPA 9 - Surface points		0.8	0.00008		
68	EPA 9 - Surface points		0.9	0.00009		
69	EPA 9 - Surface points		2.4	0.00024		
70	EPA 9 - Surface points		0.9	0.00009		
71	EPA 9 - Surface points		1.3	0.00013		
72	EPA 9 - Surface points		1.7	0.00017		
73	EPA 9 - Surface points		1.1	0.00011		
74	EPA 9 - Surface points		1	0.0001		
75	EPA 9 - Surface points		1.3	0.00013		
76	EPA 9 - Surface points		124.1	0.01241		

Identifier	Group	Time	Methane		Comments	Photos
			ppm	%v/v		
77	EPA 9 - Surface points		1	0.0001		
78	EPA 9 - Surface points		1.1	0.00011		
79	EPA 9 - Surface points		1.1	0.00011		
80	EPA 9 - Surface points		1.3	0.00013		
81	EPA 9 - Surface points		1	0.0001		
82	EPA 9 - Surface points		1.1	0.00011		
83	EPA 9 - Surface points		1.1	0.00011		
84	EPA 9 - Surface points		1.3	0.00013		
85	EPA 9 - Surface points		1.1	0.00011		
86	EPA 9 - Surface points		1.2	0.00012		
87	EPA 9 - Surface points		1.5	0.00015		
88	EPA 9 - Surface points		1.5	0.00015		
1-A1	Additional Monitoring points		1.5	0.00015		
2-A1	Additional Monitoring points		1.4	0.00014		
3-A1	Additional Monitoring points		1.2	0.00012		
4-A1	Additional Monitoring points		1.5	0.00015		
5-A1	Additional Monitoring points		1.3	0.00013		
6-A1	Additional Monitoring points		1.4	0.00014		
7-A1	Additional Monitoring points		1.3	0.00013		
8-A1	Additional Monitoring points		1.6	0.00016		
9-A1	Additional Monitoring points		2.3	0.00023		
10-A1	Additional Monitoring points		1.6	0.00016		
11-A1	Additional Monitoring points		1.5	0.00015		
12-A1	Additional Monitoring points		1.5	0.00015		
13-A1	Additional Monitoring points		1.3	0.00013		
14-A1	Additional Monitoring points		1.4	0.00014		
15-A1	Additional Monitoring points		1.3	0.00013		
16-A1	Additional Monitoring points		0.8	0.00008		
17-A1	Additional Monitoring points		1.1	0.00011		
18-A1	Additional Monitoring points		2.7	0.00027		
19-A1	Additional Monitoring points		6	0.0006		
20-A1	Additional Monitoring points		5.9	0.00059		
21-A1	Additional Monitoring points		1.8	0.00018		
22-A1	Additional Monitoring points		1.3	0.00013		
23-A1	Additional Monitoring points		0.9	0.00009		
24-A1	Additional Monitoring points		3.1	0.00031		
25-A1	Additional Monitoring points		1.2	0.00012		
26-A1	Additional Monitoring points		1.3	0.00013		
27-A1	Additional Monitoring points		2	0.0002		
28-A1	Additional Monitoring points		1.4	0.00014		
29-A1	Additional Monitoring points		2.8	0.00028		

Identifier	Group	Time	Methane		Comments	Photos
			ppm	%v/v		
30-A1	Additional Monitoring points		1.3	0.00013		
31-A1	Additional Monitoring points		3.7	0.00037		
32-A1	Additional Monitoring points		2.4	0.00024		
33-A1	Additional Monitoring points		1.5	0.00015		
34-A1	Additional Monitoring points		1.4	0.00014		
35-A1	Additional Monitoring points		1.4	0.00014		
36-A1	Additional Monitoring points		6.9	0.00069		
37-A1	Additional Monitoring points		6.3	0.00063		
38-A1	Additional Monitoring points		2.7	0.00027		
39-A1	Additional Monitoring points		2.4	0.00024		
40-A1	Additional Monitoring points		2	0.0002		
41-A1	Additional Monitoring points		1.1	0.00011		
42-A1	Additional Monitoring points		3.6	0.00036		
43-A1	Additional Monitoring points		4.7	0.00047		
44-A1	Additional Monitoring points		1.4	0.00014		
45-A1	Additional Monitoring points		1.7	0.00017		
46-A1	Additional Monitoring points		102	0.0102		
47-A1	Additional Monitoring points		2.2	0.00022		
48-A1	Additional Monitoring points		2.4	0.00024		
49-A1	Additional Monitoring points		1.7	0.00017		
50-A1	Additional Monitoring points		1.4	0.00014		
Entry Ramp	Additional Monitoring points		1.3	0.00013		
7	EPA 10 - Gas Accumulation points		1.1	0.00011		

Subsurface Locations

Compound	Threshold
Methane	1% v/v
Carbon Dioxide	1.5% v/v
Value exceeds adopted threshold	

If no peak value recorded in comments, the recorded stabilised value is also the peak value.

Comments		Internal Flow (L/h)		Relative Pressure (mB)	Hydrogen Sulphide (ppm)		Carbon Monoxide (ppm)		Oxygen (%v/v)		Carbon Dioxide (%v/v)		Methane (%v/v)		Time	Identifier
		Stable	Peak	Stable	Stable	Peak	Stable	Peak	Stable	Minimum	Stable	Peak	Stable	Peak		
No subsurface locatons recorded																