

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	2025-10-30
Start Time	08:45
End Date	2025-09-30
End Time	11:21
Sampler Name	Jamie Shaw

General Environment Conditions

Weather Conditions Observed	Sunny, some clouds
Weather Station	High Range (Wanganderry)
Temperature	Cool (<15°C)
Wind	Slight Breeze
Wind Speed (Start of Monitoring) (km/h)	13
Wind Speed (End of Monitoring) (km/h)	11
Sky	Scattered
Air	Medium
Barometer Sample Time	08:30
Barometric Pressure (mB)	1018
Barometric Pumping	Rising
Device Atmospheric Pressure (mB)	

Equipment Details

Instrument ID and Serial Number	CH4 493023
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		1.4	0.00014		
2	EPA 9 - Surface points		1.7	0.00017		
3	EPA 9 - Surface points		1.9	0.00019		
4	EPA 9 - Surface points		1.7	0.00017		
5	EPA 9 - Surface points		1.7	0.00017		
6	EPA 9 - Surface points		1.6	0.00016		
7	EPA 9 - Surface points		1.6	0.00016		
8	EPA 9 - Surface points		2	0.0002		
9	EPA 9 - Surface points		1.4	0.00014		
10	EPA 9 - Surface points		1.8	0.00018		
11	EPA 9 - Surface points		2.1	0.00021		
12	EPA 9 - Surface points		1.6	0.00016		
13	EPA 9 - Surface points		1.6	0.00016		
14	EPA 9 - Surface points		2.7	0.00027		
15	EPA 9 - Surface points		1.9	0.00019		
16	EPA 9 - Surface points		1.6	0.00016		
17	EPA 9 - Surface points		2	0.0002		
18	EPA 9 - Surface points		1.8	0.00018		
19	EPA 9 - Surface points		2.3	0.00023		
20	EPA 9 - Surface points		26.1	0.00261		
21	EPA 9 - Surface points		2.2	0.00022		
22	EPA 9 - Surface points		1.6	0.00016		
23	EPA 9 - Surface points		2	0.0002		
24	EPA 9 - Surface points		2	0.0002		
25	EPA 9 - Surface points		1.7	0.00017		
26	EPA 9 - Surface points		1.6	0.00016		
27	EPA 9 - Surface points		1.5	0.00015		
28	EPA 9 - Surface points		1.7	0.00017		
29	EPA 9 - Surface points		11.4	0.00114		
30	EPA 9 - Surface points		1.9	0.00019		
31	EPA 9 - Surface points		1.7	0.00017		
32	EPA 9 - Surface points		1.6	0.00016		
33	EPA 9 - Surface points		1.8	0.00018		
34	EPA 9 - Surface points		1.3	0.00013		
35	EPA 9 - Surface points		11.8	0.00118		

Identifier	Group	Time	Methane		Comments	Photos
			ppm	%v/v		
36	EPA 9 - Surface points		1.4	0.00014		
37	EPA 9 - Surface points		1.7	0.00017		
38	EPA 9 - Surface points		1.5	0.00015		
39	EPA 9 - Surface points		1.6	0.00016		
40	EPA 9 - Surface points		1.6	0.00016		
41	EPA 9 - Surface points		1.5	0.00015		
42	EPA 9 - Surface points		1.8	0.00018		
43	EPA 9 - Surface points		2.3	0.00023		
44	EPA 9 - Surface points		2.2	0.00022		
45	EPA 9 - Surface points		1.8	0.00018		
46	EPA 9 - Surface points		2	0.0002		
47	EPA 9 - Surface points		2	0.0002		
48	EPA 9 - Surface points		2.2	0.00022		
49	EPA 9 - Surface points		135	0.0135		
50	EPA 9 - Surface points		1.7	0.00017		
51	EPA 9 - Surface points		2.2	0.00022		
52	EPA 9 - Surface points		81.8	0.00818		
53	EPA 9 - Surface points		2	0.0002		
54	EPA 9 - Surface points		57	0.0057		
55	EPA 9 - Surface points		2.4	0.00024		
56	EPA 9 - Surface points		7.2	0.00072		
57	EPA 9 - Surface points		2	0.0002		
58	EPA 9 - Surface points		1.7	0.00017		
59	EPA 9 - Surface points		5.2	0.00052		
60	EPA 9 - Surface points		2	0.0002		
61	EPA 9 - Surface points		1.8	0.00018		
62	EPA 9 - Surface points		1.8	0.00018		
63	EPA 9 - Surface points		1.8	0.00018		
64	EPA 9 - Surface points		1.4	0.00014		
65	EPA 9 - Surface points		1.7	0.00017		
66	EPA 9 - Surface points		1.6	0.00016		
67	EPA 9 - Surface points		1.8	0.00018		
68	EPA 9 - Surface points		1.9	0.00019		
69	EPA 9 - Surface points		1.8	0.00018		
70	EPA 9 - Surface points		1.7	0.00017		
71	EPA 9 - Surface points		2.6	0.00026		
72	EPA 9 - Surface points		3.1	0.00031		
73	EPA 9 - Surface points		4.7	0.00047		
74	EPA 9 - Surface points		1.8	0.00018		
75	EPA 9 - Surface points		1.7	0.00017		
76	EPA 9 - Surface points		1.7	0.00017		

Identifier	Group	Time	Methane		Comments	Photos
			ppm	%v/v		
77	EPA 9 - Surface points		1.8	0.00018		
78	EPA 9 - Surface points		1.9	0.00019		
79	EPA 9 - Surface points		1.4	0.00014		
80	EPA 9 - Surface points		1.6	0.00016		
81	EPA 9 - Surface points		2.1	0.00021		
82	EPA 9 - Surface points		1.4	0.00014		
83	EPA 9 - Surface points		1	0.0001		
84	EPA 9 - Surface points		1.5	0.00015		
85	EPA 9 - Surface points		1.9	0.00019		
86	EPA 9 - Surface points		1.7	0.00017		
87	EPA 9 - Surface points		2	0.0002		
88	EPA 9 - Surface points		1.7	0.00017		
1-A1	Additional Monitoring points		2.3	0.00023		
2-A1	Additional Monitoring points		1.7	0.00017		
3-A1	Additional Monitoring points		1.7	0.00017		
4-A1	Additional Monitoring points		1.7	0.00017		
5-A1	Additional Monitoring points		2	0.0002		
6-A1	Additional Monitoring points		2	0.0002		
7-A1	Additional Monitoring points		2.4	0.00024		
8-A1	Additional Monitoring points		2.2	0.00022		
9-A1	Additional Monitoring points		2.4	0.00024		
10-A1	Additional Monitoring points		1.9	0.00019		
11-A1	Additional Monitoring points		3.3	0.00033		
12-A1	Additional Monitoring points		21.2	0.00212		
13-A1	Additional Monitoring points		2.4	0.00024		
14-A1	Additional Monitoring points		2.2	0.00022		
15-A1	Additional Monitoring points		20	0.002		
16-A1	Additional Monitoring points		1.6	0.00016		
17-A1	Additional Monitoring points		2	0.0002		
18-A1	Additional Monitoring points		2.4	0.00024		
19-A1	Additional Monitoring points		181	0.0181		
20-A1	Additional Monitoring points		2.6	0.00026		
21-A1	Additional Monitoring points		2.3	0.00023		
22-A1	Additional Monitoring points		2.3	0.00023		
23-A1	Additional Monitoring points		1.5	0.00015		
24-A1	Additional Monitoring points		301	0.0301		
25-A1	Additional Monitoring points		3	0.0003		
26-A1	Additional Monitoring points		1.7	0.00017		
27-A1	Additional Monitoring points		2	0.0002		
28-A1	Additional Monitoring points		2.4	0.00024		
29-A1	Additional Monitoring points		2.1	0.00021		

Identifier	Group	Time	Methane		Comments	Photos
			ppm	%v/v		
30-A1	Additional Monitoring points		1.8	0.00018		
31-A1	Additional Monitoring points		3.7	0.00037		
32-A1	Additional Monitoring points		10.6	0.00106		
33-A1	Additional Monitoring points		1.6	0.00016		
34-A1	Additional Monitoring points		1.4	0.00014		
35-A1	Additional Monitoring points		2.1	0.00021		
36-A1	Additional Monitoring points		1.6	0.00016		
37-A1	Additional Monitoring points		1.7	0.00017		
38-A1	Additional Monitoring points		84.2	0.00842		
39-A1	Additional Monitoring points		2.7	0.00027		
40-A1	Additional Monitoring points		1.4	0.00014		
41-A1	Additional Monitoring points		1.6	0.00016		
42-A1	Additional Monitoring points		3.5	0.00035		
43-A1	Additional Monitoring points		3.6	0.00036		
44-A1	Additional Monitoring points		2.5	0.00025		
45-A1	Additional Monitoring points		2.5	0.00025		
46-A1	Additional Monitoring points		824	0.0824		
46-A1-D1	Additional Monitoring points		19.3	0.00193		
46-A1-D2	Additional Monitoring points		28.2	0.00282		
46-A1-D3	Additional Monitoring points		19.4	0.00194		
47-A1	Additional Monitoring points		11.5	0.00115		
48-A1	Additional Monitoring points		11.8	0.00118		
49-A1	Additional Monitoring points		3.1	0.00031		
50-A1	Additional Monitoring points		1.8	0.00018		
Entry Ramp	Additional Monitoring points		1.5	0.00015		
7	EPA 10 - Gas Accumulation points		1.6	0.00016		

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.

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