

## Bargo WMC

### Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

<b>Project Number</b>	30012992
<b>Sampling Dates</b>	2023-01-17 08:30 to 2023-01-17 11:00
<b>Sampler Name</b>	Anthony Yu
<b>Weather Conditions</b>	Partly Cloudy Calm 21C
<b>Weather Station</b>	High Range (Wanganderry)
<b>BoM Barometric Pressure (mB)</b>	1019.1 (Rising) recorded at 08:30
<b>Device Atmospheric Pressure (mB)</b>	
<b>Wind Speed (km/h)</b>	0
<b>Instrument ID</b>	Huberg Laser One SN41519
<b>Date of Calibration</b>	27/10/2022

#### 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		
<b>EPA 9 - Surface points</b>				
1	3	0.0003		
2	2.9	0.00029		
3	2.9	0.00029		
4	2.9	0.00029		
5	2.9	0.00029		
6	3	0.0003		
7	3	0.0003		
8	3	0.0003		
9	3	0.0003		
10	2.9	0.00029		
11	31.5	0.00315		
12	3	0.0003		
13	3.2	0.00032		
14	3.4	0.00034		
15	3	0.0003		
16	3	0.0003		
17	3	0.0003		
18	3	0.0003		
19	4	0.0004		
20	5	0.0005		
21	5.1	0.00051		
22	3	0.0003		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	3	0.0003		
24	3	0.0003		
25	3	0.0003		
26	3.1	0.00031		
27	3.1	0.00031		
28	3	0.0003		
29	3.8	0.00038		
30	3	0.0003		
31	5.6	0.00056		
32	4.3	0.00043		
33	4.3	0.00043		
34	4.6	0.00046		
35	3	0.0003		
36	3.1	0.00031		
37	3.1	0.00031		
38	3	0.0003		
39	3	0.0003		
40	3	0.0003		
41	3	0.0003		
42	3	0.0003		
43	3	0.0003		
44	3	0.0003		
45	3.1	0.00031		
46	3	0.0003		
47	4.5	0.00045		
48	4.2	0.00042		
49	4.5	0.00045		
50	4.7	0.00047		
51	3.1	0.00031	Additional cover placed since July22. Crumbly - does not appear to be sufficiently compacted.	
52	3	0.0003		
53	3	0.0003		
54	3.1	0.00031		
55	4.1	0.00041		
57	4.5	0.00045		
58	4.2	0.00042		
59	5	0.0005		
60	5.9	0.00059		
61	4.6	0.00046		
62	4	0.0004		
63	3.8	0.00038		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
64	3	0.0003		
65	3	0.0003		
66	3	0.0003		
67	2.9	0.00029		
68	3.3	0.00033		
69	8	0.0008		
70	6.1	0.00061		
71	5.3	0.00053		
72	6	0.0006		
73	12.3	0.00123		
74	4.9	0.00049		
75	3	0.0003		
76	3	0.0003		
77	3.1	0.00031		
78	3.1	0.00031		
79	3.2	0.00032		
80	3.8	0.00038		
81	3.6	0.00036		
82	3.6	0.00036		
83	3	0.0003		
84	3.5	0.00035		
85	3.8	0.00038		
86	3.5	0.00035		
87	3.2	0.00032		
88	3.1	0.00031		
<b>Additional Monitoring points</b>				
1-A1	3	0.0003		
2-A1	3	0.0003		
3-A1	3	0.0003		
4-A1	3.1	0.00031		
5-A1	3	0.0003		
6-A1	3	0.0003		
7-A1	3.1	0.00031		
8-A1	3.1	0.00031		
9-A1	3	0.0003		
10-A1	3	0.0003		
11-A1	3	0.0003		
12-A1	3	0.0003		
13-A1	3	0.0003		
14-A1	3	0.0003		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
15-A1	3	0.0003		
16-A1	3	0.0003		
17-A1	3	0.0003		
18-A1	3	0.0003		
19-A1	33	0.0033	Previous exceedance, with marked flag	1
20-A1	3	0.0003		
21-A1	3	0.0003		
22-A1	3	0.0003		
23-A1	3	0.0003		
24-A1	3	0.0003		
25-A1	3.6	0.00036		
26-A1	5.5	0.00055		
27-A1	3	0.0003		
28-A1	3.5	0.00035		
29-A1	3.1	0.00031		
30-A1	3	0.0003		
31-A1	3.5	0.00035		
32-A1	3	0.0003		
33-A1	3	0.0003		
34-A1	3	0.0003		
35-A1	3	0.0003		
36-A1	3.7	0.00037		
37-A1	3	0.0003		
38-A1	3.1	0.00031		
39-A1	3.2	0.00032	Additional cover placed since July22. Crumbly - does not appear to be sufficiently compacted.	
40-A1	3	0.0003		
41-A1	3.1	0.00031		
42-A1	18	0.0018		
43-A1	3	0.0003		
44-A1	4.7	0.00047		
45-A1	3.4	0.00034		
46-A1	7.9	0.00079		
47-A1	3	0.0003		
48-A1	3	0.0003		
49-A1	3	0.0003		
50-A1	3	0.0003		
74A	4.8	0.00048	Cover placed sin Jan22	
73A	30	0.003		
83A	24	0.0024		
84A	1400	0.14	Edge of steep slope. Deviation from original point location.	2

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
84A-1	4.5	0.00045	Step out location North, Under tree	
84A-2	6	0.0006		
84A-3	9.7	0.00097	South step out	
84A-4	4.6	0.00046	West step out	
84A-5	3.9	0.00039		
84A-6	4.3	0.00043		
84A-7	5.3	0.00053		
84A-8	4.8	0.00048		
85A	3.6	0.00036		
84A-9	3.1	0.00031	Half grid space south of 84A	
52A	3.6	0.00036	Existing exceedance, flag marked.	
Entry Ramp	3.7	0.00037		
Septic tank	20	0.002		
56-1	8.3	0.00083	5m North stepout from Location 56	
56-2	8.5	0.00085	5m East stepout from Location 56	
56-3	8	0.0008	5m South stepout from Location 56	
56-4	18	0.0018	5m West stepout from Location 56	
56-5	135	0.0135	5m South stepout from Location 56-4	
56-6	6	0.0006	5m West stepout from Location 56-4	
56-7	16.4	0.00164	5m North stepout from Location 56-4	
<b>EPA 10 - Gas Accumulation points</b>				
1	3.8	0.00038		
2	3.6	0.00036		
3	3.6	0.00036		
4	3.4	0.00034		
5	3.4	0.00034		
6	3.1	0.00031		
7	3.2	0.00032		



## Bargo WMC

### Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

<b>Project Number</b>	30012992
<b>Sampling Dates</b>	2023-02-16 09:01 to 2023-02-16 12:15
<b>Sampler Name</b>	LD
<b>Weather Conditions</b>	Sunny, Clear, Calm 25-30C
<b>Weather Station</b>	High Range (Wanganderry)
<b>BoM Barometric Pressure (mB)</b>	1020.3 (Rising) recorded at 08:30
<b>Device Atmospheric Pressure (mB)</b>	
<b>Wind Speed (km/h)</b>	0
<b>Instrument ID</b>	Gazomat Inspectra Laser SN9471120
<b>Date of Calibration</b>	13/01/2023

#### 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		
<b>EPA 9 - Surface points</b>				
1	2.5	0.00025		
2	1.6	0.00016		
3	2	0.0002		
4	1.5	0.00015		
5	2.3	0.00023		
6	2.6	0.00026		
7	2.7	0.00027		
8	3	0.0003		
9	2.4	0.00024		
10	2.3	0.00023		
11	3	0.0003		
12	3	0.0003		
13	3.1	0.00031		
14	4	0.0004		
15	3.9	0.00039		
16	1.8	0.00018		
17	2.8	0.00028		
18	4.1	0.00041		
19	4.8	0.00048		
20	4.5	0.00045		
21	3.1	0.00031		
22	2	0.0002		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	2.1	0.00021		
24	1.6	0.00016		
25	1.8	0.00018		
26	1.9	0.00019		
27	2.5	0.00025		
28	2	0.0002		
29	3.1	0.00031		
30	4	0.0004		
31	3.8	0.00038		
32	4.6	0.00046		
33	2.7	0.00027		
34	2.7	0.00027		
35	2.5	0.00025		
36	2.7	0.00027		
37	2.1	0.00021		
38	1.7	0.00017		
39	2.4	0.00024		
40	1.4	0.00014		
41	1.3	0.00013		
42	2.4	0.00024		
43	2.3	0.00023		
44	3	0.0003		
45	3	0.0003		
46	3	0.0003		
47	2.7	0.00027		
48	2.9	0.00029		
49	2.2	0.00022		
50	6.2	0.00062		
51	4.3	0.00043	Additional cover placed since July22. Crumbly - does not appear to be sufficiently compacted.	
52	3.2	0.00032		
53	3.5	0.00035		
54	4.6	0.00046		
55	3.9	0.00039		
56	25.3	0.00253	Previous exceedance in october22, no additional cover placed.	
57	20.2	0.00202		
58	3.5	0.00035		
59	5	0.0005		
60	4	0.0004		
61	2.4	0.00024		
62	2.4	0.00024		



### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
63	2.3	0.00023		
64	2	0.0002		
65	2	0.0002		
66	2	0.0002		
67	2.3	0.00023		
68	3.2	0.00032		
69	3.5	0.00035		
70	4	0.0004		
71	4.2	0.00042		
72	8.8	0.00088		
73	9.3	0.00093		
74	4.9	0.00049		
75	5	0.0005		
76	3.6	0.00036		
77	3.1	0.00031		
78	2	0.0002		
79	2	0.0002		
80	2	0.0002		
81	2.2	0.00022		
82	2.8	0.00028		
83	3.4	0.00034		
84	3.5	0.00035		
85	2	0.0002		
86	1.9	0.00019		
87	2.2	0.00022		
88	2.2	0.00022		
<b>Additional Monitoring points</b>				
1-A1	2	0.0002		
2-A1	1.9	0.00019		
3-A1	1.9	0.00019		
4-A1	1.9	0.00019		
5-A1	1.9	0.00019		
6-A1	2.1	0.00021		
7-A1	2.5	0.00025		
8-A1	1.8	0.00018		
9-A1	1.7	0.00017		
10-A1	1.9	0.00019		
11-A1	2	0.0002		
12-A1	1.9	0.00019		
13-A1	2.3	0.00023		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
14-A1	2.2	0.00022		
15-A1	2.6	0.00026		
16-A1	3.7	0.00037		
17-A1	3.8	0.00038		
18-A1	4	0.0004		
19-A1	3.7	0.00037	Previous exceedance, with marked flag	
20-A1	2.5	0.00025		
21-A1	2	0.0002		
22-A1	2.9	0.00029		
23-A1	3.4	0.00034		
24-A1	3.7	0.00037		
25-A1	4.1	0.00041		
26-A1	64	0.0064		
27-A1	5.4	0.00054		
28-A1	4.6	0.00046		
29-A1	6.1	0.00061		
30-A1	5.2	0.00052		
31-A1	4.9	0.00049		
32-A1	4.6	0.00046		
33-A1	4.8	0.00048		
34-A1	4.3	0.00043		
35-A1	4.3	0.00043		
36-A1	4.6	0.00046		
37-A1	3.9	0.00039		
38-A1	3.6	0.00036		
39-A1	3.9	0.00039		
40-A1	4	0.0004		
41-A1	4	0.0004		
42-A1	93	0.0093		
43-A1	4.9	0.00049		
44-A1	5.3	0.00053		
45-A1	30	0.003		
46-A1	327.9	0.03279		
47-A1	5.5	0.00055		
48-A1	4.2	0.00042		
49-A1	3.9	0.00039		
50-A1	3.5	0.00035		
74A	4.8	0.00048	Cover placed sin Jan22	
73A	26.2	0.00262		
83A	40	0.004		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
84A	1678	0.1678	Edge of steep slope. Deviation from original point location.	1
84A-1	4.7	0.00047	Step out location North, Under tree	
84A-2	5.8	0.00058		
84A-3	121	0.0121	South step out	
84A-4	3.2	0.00032	West step out	
84A-5	13.9	0.00139		
84A-6	4.3	0.00043		
84A-7	3.2	0.00032		
84A-8	40.5	0.00405		
85A	4.6	0.00046		
84A-9	1.9	0.00019	Half grid space south of 84A	
52A	3.1	0.00031	Existing exceedance, flag marked.	
Entry Ramp	3.1	0.00031		
Septic tank	5.9	0.00059		
56-1	1228	0.1228	5m North stepout from Location 56	2, 3
56-2	4.2	0.00042	5m East stepout from Location 56	
56-3	20.3	0.00203	5m South stepout from Location 56	
56-4	19.2	0.00192	5m West stepout from Location 56	
56-5	134	0.0134	5m South stepout from Location 56-4	
56-6	99.5	0.00995	5m West stepout from Location 56-4	
56-7	15.4	0.00154	5m North stepout from Location 56-4	
<b>EPA 10 - Gas Accumulation points</b>				
1	2.1	0.00021		
2	2	0.0002		
3	2.1	0.00021		
4	2	0.0002		
5	2	0.0002		
6	2	0.0002		
7	1.9	0.00019		



## Bargo WMC

### Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

<b>Project Number</b>	30012992
<b>Sampling Dates</b>	2023-03-29 08:51 to 2023-03-29 10:30
<b>Sampler Name</b>	AY
<b>Weather Conditions</b>	Cloudy and foggy
<b>Weather Station</b>	High Range (Wanganderry)
<b>BoM Barometric Pressure (mB)</b>	1005.7 (Falling) recorded at 08:30
<b>Device Atmospheric Pressure (mB)</b>	
<b>Wind Speed (km/h)</b>	0
<b>Instrument ID</b>	SEM5000 SN41015
<b>Date of Calibration</b>	22/08/2022

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		
<b>EPA 9 - Surface points</b>				
1	3.3	0.00033		
2	2.4	0.00024		
3	2.4	0.00024		
4	2.4	0.00024		
5	2.4	0.00024		
6	2.5	0.00025		
7	2.4	0.00024		
8	2.4	0.00024		
9	2.5	0.00025		
10	2.6	0.00026		
11	2.7	0.00027		
12	3	0.0003		
13	3.3	0.00033		
14	3.1	0.00031		
15	2.5	0.00025		
16	3.4	0.00034		
17	20	0.002		
18	2.5	0.00025		
19	2.5	0.00025		
20	4.2	0.00042		
21	3	0.0003		
22	3.2	0.00032		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	3.1	0.00031		
24	2.5	0.00025		
25	2.5	0.00025		
26	2.4	0.00024		
27	2.5	0.00025		
28	2.5	0.00025		
29	4.9	0.00049		
30	2.7	0.00027		
31	2.7	0.00027		
32	2.9	0.00029		
33	2.9	0.00029	2.9	
34	3	0.0003		
35	3.1	0.00031		
36	3.1	0.00031		
37	2.4	0.00024		
38	2.5	0.00025		
39	2.4	0.00024		
40	2.5	0.00025		
41	2.5	0.00025		
42	2.4	0.00024		
43	2.5	0.00025		
44	3.3	0.00033		
45	22.9	0.00229		
46	3.2	0.00032		
47	3.1	0.00031		
48	3.1	0.00031		
49	2.9	0.00029		
50	3	0.0003		
51	2.9	0.00029		
52	4	0.0004		
53	4.4	0.00044		
54	3.5	0.00035		
55	2.9	0.00029		
56	25.3	0.00253	Plenty of cover added	
57	3	0.0003		
58	3.2	0.00032		
59	3.3	0.00033		
60	3.3	0.00033		
61	3.5	0.00035		
62	2.6	0.00026		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
63	2.7	0.00027		
64	2	0.0002		
65	2	0.0002		
66	2.8	0.00028		
67	2.8	0.00028		
68	3.1	0.00031		
69	3.9	0.00039		
70	3.3	0.00033		
71	5.4	0.00054		
72	4.4	0.00044		
73	268	0.0268	On steep slope	
74	2.7	0.00027		
75	3.3	0.00033		
76	3.6	0.00036		
77	4.3	0.00043		
78	4	0.0004		
79	3.5	0.00035		
80	4.1	0.00041		
81	4.3	0.00043		
82	4	0.0004		
83	5.2	0.00052		
84	3.4	0.00034		
85	3.2	0.00032		
86	3.2	0.00032		
87	3.1	0.00031		
88	3.1	0.00031		
Additional Monitoring points				
1-A1	3.2	0.00032		
2-A1	3.1	0.00031		
3-A1	3.2	0.00032		
4-A1	3.2	0.00032		
5-A1	3.2	0.00032		
6-A1	3.2	0.00032		
7-A1	3.3	0.00033		
8-A1	3.3	0.00033		
9-A1	3.3	0.00033		
10-A1	3.7	0.00037		
11-A1	3.7	0.00037		
12-A1	3.7	0.00037		
13-A1	3.6	0.00036		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
14-A1	3.4	0.00034		
15-A1	3.3	0.00033		
16-A1	3.5	0.00035		
17-A1	3.9	0.00039		
18-A1	5	0.0005		
19-A1	4.3	0.00043		
20-A1	4.1	0.00041		
21-A1	3.4	0.00034		
22-A1	3.4	0.00034		
23-A1	3.4	0.00034		
24-A1	3.6	0.00036		
25-A1	3.4	0.00034		
26-A1	7.2	0.00072		
27-A1	5.2	0.00052		
28-A1	3.3	0.00033		
29-A1	3	0.0003		
30-A1	2.8	0.00028		
31-A1	3	0.0003		
32-A1	3.4	0.00034		
33-A1	2.5	0.00025		
34-A1	2.5	0.00025		
35-A1	2.4	0.00024		
36-A1	3.4	0.00034		
37-A1	3	0.0003		
38-A1	2.9	0.00029		
39-A1	2.7	0.00027		
40-A1	2.5	0.00025		
41-A1	2.7	0.00027		
42-A1	2.7	0.00027		
43-A1	2.6	0.00026		
44-A1	2.7	0.00027		
45-A1	3.1	0.00031		
46-A1	3	0.0003		
47-A1	2.6	0.00026		
48-A1	2.7	0.00027		
49-A1	2.6	0.00026		
50-A1	2.5	0.00025		
74A	2.6	0.00026	Cover placed since Feb23	
73A	3.4	0.00034		
83A	6.1	0.00061		



### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
84A	3.4	0.00034	Edge of steep slope. Deviation from original point location.	
84A-1	8.3	0.00083	Step out location North, Under tree	
84A-2	8.4	0.00084		
84A-3	64.1	0.00641	South step out Additional cover placed	1
84A-4	3.4	0.00034	West step out	
84A-5	12.7	0.00127		
84A-6	3.5	0.00035		
84A-7	3.7	0.00037		
84A-8	19.3	0.00193		
85A	4	0.0004		
84A-9	11	0.0011	Half grid space south of 84A	
52A	5.4	0.00054		
Entry Ramp	48	0.0048		
Septic tank	2.7	0.00027		
56-1	4.1	0.00041	5m North stepout from Location 56	
56-2	2.9	0.00029	5m East stepout from Location 56	
56-3	17.4	0.00174	5m South stepout from Location 56	
56-4	3	0.0003	5m West stepout from Location 56	
56-5	3.3	0.00033	5m South stepout from Location 56-4	
56-6	4.3	0.00043	5m West stepout from Location 56-4	
56-7	6	0.0006	5m North stepout from Location 56-4	
<b>EPA 10 - Gas Accumulation points</b>				
1	2.7	0.00027		
2	2.7	0.00027		
3	2.7	0.00027		
4	2.8	0.00028		
5	2.9	0.00029		
6	4.1	0.00041		
7	3.5	0.00035		



## Bargo WMC

### Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

<b>Project Number</b>	30012992
<b>Sampling Dates</b>	2023-04-27 09:46 to 2023-04-27 10:30
<b>Sampler Name</b>	LD
<b>Weather Conditions</b>	Clear and sunny
<b>Weather Station</b>	High Range (Wanganderry)
<b>BoM Barometric Pressure (mB)</b>	1025.1 (Stable) recorded at 09:30
<b>Device Atmospheric Pressure (mB)</b>	
<b>Wind Speed (km/h)</b>	0
<b>Instrument ID</b>	Inspectra Laser (2971022)
<b>Date of Calibration</b>	2023-04-27

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		
<b>EPA 9 - Surface points</b>				
1	1.2	0.00012		
2	1	0.0001		
3	1.3	0.00013		
4	1.3	0.00013		
5	1.3	0.00013		
6	1.5	0.00015		
7	1.2	0.00012		
8	1.2	0.00012		
9	1.3	0.00013		
10	1.3	0.00013		
11	1.5	0.00015		
12	1.8	0.00018		
13	1.4	0.00014		
14	1	0.0001		
15	1.7	0.00017		
16	0.9	0.00009		
17	2.4	0.00024		
18	1.1	0.00011		
19	2.5	0.00025		
20	4.7	0.00047		
21	1.6	0.00016		
22	1.3	0.00013		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	1.1	0.00011		
24	1.4	0.00014		
25	1.2	0.00012		
26	1.1	0.00011		
27	1.2	0.00012		
28	1.3	0.00013		
29	4.4	0.00044		
30	1.3	0.00013		
31	1.7	0.00017		
32	1.7	0.00017		
33	1.4	0.00014		
34	1.3	0.00013		
35	0.9	0.00009		
36	1.5	0.00015		
37	1.6	0.00016		
38	1.3	0.00013		
39	1.3	0.00013		
40	1.2	0.00012		
41	0.9	0.00009		
42	1.3	0.00013		
43	1.7	0.00017		
44	1.4	0.00014		
45	1.3	0.00013		
46	0.9	0.00009		
47	0.9	0.00009		
48	1.1	0.00011		
49	1.6	0.00016		
50	2.5	0.00025		
51	1.4	0.00014		
52	1.6	0.00016		
53	0.9	0.00009		
54	1.1	0.00011		
55	1.5	0.00015		
56	17.3	0.00173		
57	76	0.0076		
58	1.1	0.00011		
59	17.9	0.00179		
60	1.9	0.00019		
61	1.2	0.00012		
62	1.3	0.00013		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
63	1.5	0.00015		
64	1.2	0.00012		
65	1.1	0.00011		
66	1.5	0.00015		
67	0.9	0.00009		
68	1.5	0.00015		
69	1	0.0001		
70	2.1	0.00021		
71	1.4	0.00014		
72	1.3	0.00013		
73	2.1	0.00021		
74	1.7	0.00017		
75	44.4	0.00444		
76	1.1	0.00011		
77	1.4	0.00014		
78	0.9	0.00009		
79	1.2	0.00012		
80	1.3	0.00013		
81	0.9	0.00009		
82	0.9	0.00009		
83	3.6	0.00036		
84	0.7	0.00007		
85	2	0.0002		
86	1.1	0.00011		
87	0.8	0.00008		
88	0.8	0.00008		
<b>Additional Monitoring points</b>				
1-A1	1	0.0001		
2-A1	1.2	0.00012		
3-A1	1.2	0.00012		
4-A1	1.2	0.00012		
5-A1	1.4	0.00014		
6-A1	0.8	0.00008		
7-A1	1.4	0.00014		
8-A1	1.1	0.00011		
9-A1	1.4	0.00014		
10-A1	1.3	0.00013		
11-A1	1.1	0.00011		
12-A1	1.6	0.00016		
13-A1	1.2	0.00012		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
14-A1	1.3	0.00013		
15-A1	0.9	0.00009		
16-A1	1.2	0.00012		
17-A1	0.9	0.00009		
18-A1	1	0.0001		
19-A1	0.9	0.00009		
20-A1	1.7	0.00017		
21-A1	0.9	0.00009		
22-A1	1.1	0.00011		
23-A1	1.3	0.00013		
24-A1	1.7	0.00017		
25-A1	1.4	0.00014		
26-A1	12.9	0.00129		
27-A1	1	0.0001		
28-A1	8.3	0.00083		
29-A1	406	0.0406		1, 2
30-A1	3.3	0.00033		
31-A1	21.2	0.00212		
32-A1	0.8	0.00008		
33-A1	1	0.0001		
34-A1	1.3	0.00013		
35-A1	1.3	0.00013		
36-A1	1.3	0.00013		
37-A1	1.6	0.00016		
38-A1	32	0.0032		
39-A1	1.8	0.00018		
40-A1	1.1	0.00011		
41-A1	1.9	0.00019		
42-A1	1.4	0.00014		
43-A1	1.7	0.00017		
44-A1	2.1	0.00021		
45-A1	1.5	0.00015		
46-A1	1.6	0.00016		
47-A1	1.7	0.00017		
48-A1	1.2	0.00012		
49-A1	1.1	0.00011		
50-A1	2	0.0002		
74A	4.6	0.00046		
73A	1.7	0.00017		
83A	12.4	0.00124		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
84A	0.7	0.00007		
84A-1	0.7	0.00007	Step out location North, Under tree	
84A-2	2	0.0002		
84A-3	12.1	0.00121	South step out	
84A-4	0.9	0.00009	West step out	
84A-5	4.2	0.00042		
84A-6	2.5	0.00025		
84A-7	1.8	0.00018		
84A-8	2.9	0.00029		
85A	1.3	0.00013		
84A-9	1.7	0.00017	Half grid space south of 84A	
52A	1.4	0.00014		
Entry Ramp	1618	0.1618		3, 4, 5
Septic tank	1.6	0.00016		
56-1	2.7	0.00027	5m North stepout from Location 56	
56-2	2	0.0002	5m East stepout from Location 56	
56-3	9.6	0.00096	5m South stepout from Location 56	
56-4	151	0.0151	5m West stepout from Location 56	
56-5	355	0.0355	5m South stepout from Location 56-4	
56-6	4.6	0.00046	5m West stepout from Location 56-4	
56-7	2.1	0.00021	5m North stepout from Location 56-4	
<b>EPA 10 - Gas Accumulation points</b>				
1	1.4	0.00014		
2	1.4	0.00014		
3	1	0.0001		
4	1.4	0.00014		
5	1.4	0.00014		
6	1.2	0.00012		
7	1.1	0.00011		





## Bargo WMC

### Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

<b>Project Number</b>	30012992
<b>Sampling Dates</b>	2023-05-23 08:29 to 2023-05-23
<b>Sampler Name</b>	LD
<b>Weather Conditions</b>	Clear and sunny
<b>Weather Station</b>	High Range (Wanganderry)
<b>BoM Barometric Pressure (mB)</b>	1027.6 (Rising) recorded at 08:30
<b>Device Atmospheric Pressure (mB)</b>	
<b>Wind Speed (km/h)</b>	22
<b>Instrument ID</b>	Inspectra Laser (2971022)
<b>Date of Calibration</b>	2021-11-17

#### 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		
<b>EPA 9 - Surface points</b>				
1	1.6	0.00016		
2	1.2	0.00012		
3	1.6	0.00016		
4	1.6	0.00016		
5	1.4	0.00014		
6	0.9	0.00009		
7	1.3	0.00013		
8	1	0.0001		
9	1	0.0001		
10	2.5	0.00025		
11	1.4	0.00014		
12	1.2	0.00012		
13	1.9	0.00019		
14	2.1	0.00021		
15	1.4	0.00014		
16	1.5	0.00015		
17	1.3	0.00013		
18	1.3	0.00013		
19	2.1	0.00021		
20	38.9	0.00389		
21	1.4	0.00014		
22	1.5	0.00015		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	1.4	0.00014		
24	1	0.0001		
25	0.9	0.00009		
26	1.1	0.00011		
27	1.5	0.00015		
28	0.9	0.00009		
29	3.3	0.00033		
30	0.8	0.00008		
31	1.3	0.00013		
32	1.5	0.00015		
33	1.3	0.00013	2.9	
34	1.1	0.00011		
35	1.5	0.00015		
36	1.2	0.00012		
37	1.4	0.00014		
38	1.1	0.00011		
39	1.3	0.00013		
40	1.4	0.00014		
41	0.8	0.00008		
42	1.3	0.00013		
43	4.7	0.00047		
44	1.4	0.00014		
45	1.5	0.00015		
46	1.3	0.00013		
47	0.9	0.00009		
48	0.9	0.00009		
49	1.6	0.00016		
50	0.9	0.00009		
51	0.9	0.00009		
52	1.5	0.00015		
53	1.4	0.00014		
54	1.3	0.00013		
55	1.5	0.00015		
56	60.4	0.00604	Plenty of cover added	
57	2.7	0.00027		
58	0.9	0.00009		
59	2.8	0.00028		
60	1.3	0.00013		
61	1.2	0.00012		
62	0.7	0.00007		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
63	1.1	0.00011		
64	1.6	0.00016		
65	1.3	0.00013		
66	1.5	0.00015		
67	0.9	0.00009		
68	1.6	0.00016		
69	1.6	0.00016		
70	1.9	0.00019		
71	2.2	0.00022		
72	2.4	0.00024		
73	8.7	0.00087	On steep slope	
74	1.4	0.00014		
75	1.7	0.00017		
76	1.3	0.00013		
77	1	0.0001		
78	1.5	0.00015		
79	1.2	0.00012		
80	0.9	0.00009		
81	1.1	0.00011		
82	1.3	0.00013		
83	6.9	0.00069		
84	1.1	0.00011		
85	0.9	0.00009		
86	1.1	0.00011		
87	1.2	0.00012		
88	1.1	0.00011		
<b>Additional Monitoring points</b>				
1-A1	1.2	0.00012		
2-A1	0.9	0.00009		
3-A1	1.2	0.00012		
4-A1	1.5	0.00015		
5-A1	1.4	0.00014		
6-A1	1	0.0001		
7-A1	1.7	0.00017		
8-A1	1.3	0.00013		
9-A1	1.7	0.00017		
10-A1	1.6	0.00016		
11-A1	1.1	0.00011		
12-A1	2.1	0.00021		
13-A1	1.2	0.00012		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
14-A1	1.3	0.00013		
15-A1	1.2	0.00012		
16-A1	1	0.0001		
17-A1	1.5	0.00015		
18-A1	1.1	0.00011		
19-A1	1.5	0.00015		
20-A1	1.6	0.00016		
21-A1	0.9	0.00009		
22-A1	1.2	0.00012		
23-A1	1.4	0.00014		
24-A1	1.4	0.00014		
25-A1	2.5	0.00025		
26-A1	48	0.0048		
27-A1	1.6	0.00016		
28-A1	1	0.0001		
29-A1	2.2	0.00022		
30-A1	2.5	0.00025		
31-A1	2	0.0002		
32-A1	2	0.0002		
33-A1	1.1	0.00011		
34-A1	1	0.0001		
35-A1	0.9	0.00009		
36-A1	1	0.0001		
37-A1	1.1	0.00011		
38-A1	2.7	0.00027		
39-A1	0.9	0.00009		
40-A1	1.1	0.00011		
41-A1	0.9	0.00009		
42-A1	1.1	0.00011		
43-A1	36	0.0036		
44-A1	5.1	0.00051		
45-A1	3.5	0.00035		
46-A1	1.6	0.00016		
47-A1	4.8	0.00048		
48-A1	1	0.0001		
49-A1	1.9	0.00019		
50-A1	1.8	0.00018		
74A	1.5	0.00015	Cover placed since Feb23	
73A	3.4	0.00034		
83A	2249	0.2249		

1, 2, 3

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
84A	2.2	0.00022	Edge of steep slope. Deviation from original point location.	
84A-1	2.6	0.00026	Step out location North, Under tree	
84A-2	273	0.0273		
84A-3	2.2	0.00022	South step out Additional cover placed	
84A-4	2.2	0.00022	West step out	
84A-5	2	0.0002		
84A-6	1.6	0.00016		
84A-7	1.5	0.00015		
84A-8	1.6	0.00016		
85A	1.4	0.00014		
84A-9	1.7	0.00017	Half grid space south of 84A	
52A	6.2	0.00062		
Entry Ramp	30.4	0.00304		
Septic tank	1.3	0.00013		
56-1	1.2	0.00012	5m North stepout from Location 56	
56-2	11.4	0.00114	5m East stepout from Location 56	
56-3	21.2	0.00212	5m South stepout from Location 56	
56-4	663	0.0663	5m West stepout from Location 56	4, 5
56-5	94.4	0.00944	5m South stepout from Location 56-4	
56-6	2.4	0.00024	5m West stepout from Location 56-4	
56-7	1.4	0.00014	5m North stepout from Location 56-4	
<b>EPA 10 - Gas Accumulation points</b>				
1	1.4	0.00014		
2	1.2	0.00012		
3	0.9	0.00009		
4	1.3	0.00013		
5	1.2	0.00012		
6	1.1	0.00011		
7	1.3	0.00013		



## Bargo WMC

### Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

<b>Project Number</b>	30012992
<b>Sampling Dates</b>	2023-06-06 09:40 to 2023-06-06
<b>Sampler Name</b>	LD
<b>Weather Conditions</b>	Overcast. Slight rain
<b>Weather Station</b>	High Range (Wanganderry)
<b>BoM Barometric Pressure (mB)</b>	1029.7 (Stable) recorded at 09:41
<b>Device Atmospheric Pressure (mB)</b>	
<b>Wind Speed (km/h)</b>	20
<b>Instrument ID</b>	SEM5000 (SN/41015)
<b>Date of Calibration</b>	22/08/2022

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		
<b>EPA 9 - Surface points</b>				
1	2.6	0.00026		
2	2.6	0.00026		
3	2.7	0.00027		
4	2.7	0.00027		
5	2.7	0.00027		
6	2.7	0.00027		
7	2.8	0.00028		
8	2.8	0.00028		
9	2.8	0.00028		
10	2.7	0.00027		
11	3	0.0003		
12	2.7	0.00027		
13	2.5	0.00025		
14	9.1	0.00091		
15	3.2	0.00032		
16	2.5	0.00025		
17	2.7	0.00027		
18	2.5	0.00025		
19	2.7	0.00027		
20	19.9	0.00199		
21	2.7	0.00027		
22	2.8	0.00028		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	2.9	0.00029		
24	2.8	0.00028		
25	2.8	0.00028		
26	2.8	0.00028		
27	2.8	0.00028		
28	2.8	0.00028		
29	10.7	0.00107		
30	2.5	0.00025		
31	2.7	0.00027		
32	2.5	0.00025		
33	2.6	0.00026		
34	2.7	0.00027		
35	3	0.0003		
36	2.8	0.00028		
37	2.8	0.00028		
38	2.8	0.00028		
39	2.8	0.00028		
40	2.8	0.00028		
41	2.8	0.00028		
42	2.8	0.00028		
43	2.9	0.00029		
44	2.8	0.00028		
45	3.1	0.00031		
46	2.8	0.00028		
47	2.6	0.00026		
48	2.7	0.00027		
49	2.7	0.00027		
50	11.3	0.00113		
51	3.3	0.00033		
52	153	0.0153		
53	2.6	0.00026		
54	2.5	0.00025		
55	2.5	0.00025		
56	124	0.0124		
57	30.7	0.00307		
58	2.9	0.00029		
59	3.6	0.00036		
60	7.2	0.00072		
61	2.9	0.00029		
62	2.8	0.00028		



**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
63	2.8	0.00028		
64	2.8	0.00028		
65	2.8	0.00028		
66	2.8	0.00028		
67	2.9	0.00029		
68	2.9	0.00029		
69	4	0.0004		
70	2.6	0.00026		
71	2.7	0.00027		
72	2.8	0.00028		
73	2.6	0.00026		
74	2.4	0.00024		
75	2.4	0.00024		
76	2.6	0.00026		
77	2.8	0.00028		
78	2.8	0.00028		
79	2.9	0.00029		
80	3.1	0.00031		
81	3.9	0.00039		
82	3.2	0.00032		
83	7.9	0.00079		
84	3	0.0003		
85	2.8	0.00028		
86	2.9	0.00029		
87	3.1	0.00031		
88	3.1	0.00031		
<b>Additional Monitoring points</b>				
1-A1	2.6	0.00026		
2-A1	2.5	0.00025		
3-A1	2.5	0.00025		
4-A1	2.5	0.00025		
5-A1	2.5	0.00025		
6-A1	2.5	0.00025		
7-A1	2.6	0.00026		
8-A1	2.6	0.00026		
9-A1	2.6	0.00026		
10-A1	2.7	0.00027		
11-A1	2.8	0.00028		
12-A1	2.7	0.00027		
13-A1	2.6	0.00026		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
14-A1	2.6	0.00026		
15-A1	2.7	0.00027		
16-A1	2.5	0.00025		
17-A1	4.3	0.00043		
18-A1	2.6	0.00026		
19-A1	3.8	0.00038		
20-A1	2.7	0.00027		
21-A1	2.6	0.00026		
22-A1	2.5	0.00025		
23-A1	2.4	0.00024		
24-A1	2.8	0.00028		
25-A1	60.6	0.00606		
26-A1	51.5	0.00515		
27-A1	2.6	0.00026		
28-A1	2.8	0.00028		
29-A1	3.3	0.00033		
30-A1	5.3	0.00053		
31-A1	2.9	0.00029		
32-A1	2.5	0.00025		
33-A1	2.5	0.00025		
34-A1	2.5	0.00025		
35-A1	2.5	0.00025		
36-A1	36.1	0.00361		
37-A1	2.6	0.00026		
38-A1	21.7	0.00217		
39-A1	2.5	0.00025		
40-A1	2.4	0.00024		
41-A1	2.4	0.00024		
42-A1	8.7	0.00087		
43-A1	54.4	0.00544		
44-A1	9.6	0.00096		
45-A1	3	0.0003		
46-A1	8.9	0.00089		
47-A1	4.4	0.00044		
48-A1	189	0.0189		
49-A1	2.5	0.00025		
50-A1	2.4	0.00024		
74A	2.4	0.00024		
73A	3.4	0.00034		
83A	668	0.0668		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
84A	3.5	0.00035	Edge of steep slope. Deviation from original point location.	
84A-1	2.9	0.00029	Step out location North, Under tree	
84A-2	3.3	0.00033		
84A-3	82.1	0.00821	South step out Additional cover placed	
84A-4	5.2	0.00052	West step out	
84A-5	18	0.0018		
84A-6	3.5	0.00035		
84A-7	3.3	0.00033		
84A-8	4.4	0.00044		
85A	2.9	0.00029		
84A-9	4.8	0.00048	Half grid space south of 84A	
52A	26.2	0.00262		
Entry Ramp	3	0.0003		
Septic tank	4.9	0.00049		
56-1	2.7	0.00027	5m North stepout from Location 56	
56-2	2.5	0.00025	5m East stepout from Location 56	
56-3	24.7	0.00247	5m South stepout from Location 56	
56-4	196	0.0196	5m West stepout from Location 56	
56-5	42.3	0.00423	5m South stepout from Location 56-4	
56-6	267	0.0267	5m West stepout from Location 56-4	
56-7	6.3	0.00063	5m North stepout from Location 56-4	
Entry ramp step out 1	3.4	0.00034		
Entry ramp step out 2	4.9	0.00049		
Entry ramp step out 3	3.4	0.00034		
Entry ramp step out 4	101	0.0101		
83A - 1	4821	0.4821	Step out	3
83A-2	11.6	0.00116	Step out from 83A	
83A-3	3.7	0.00037	83A Step out	
83A-4	54.7	0.00547	83A step out	
83A-1-1	22.8	0.00228	83A-1 step out	
83A-1-2	35.9	0.00359	83A-1 Step out	
<b>EPA 10 - Gas Accumulation points</b>				
1	2.8	0.00028		
2	2.8	0.00028		
3	2.8	0.00028		
4	2.8	0.00028		
5	2.8	0.00028		
6	2.9	0.00029		
7	2.8	0.00028		



## Bargo WMC

### Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

<b>Project Number</b>	30012992
<b>Sampling Dates</b>	2023-07-04 08:19 to 2023-07-04
<b>Sampler Name</b>	LD
<b>Weather Conditions</b>	Overcast. Light rain
<b>Weather Station</b>	High Range (Wanganderry)
<b>BoM Barometric Pressure (mB)</b>	1021.1 (Stable) recorded at 08:20
<b>Device Atmospheric Pressure (mB)</b>	
<b>Wind Speed (km/h)</b>	15
<b>Instrument ID</b>	SEM5000 (SN/41015)
<b>Date of Calibration</b>	22/08/2022

#### 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		
<b>EPA 9 - Surface points</b>				
1	2.5	0.00025		
2	2.5	0.00025		
3	2.5	0.00025		
4	2.5	0.00025		
5	2.5	0.00025		
6	2.5	0.00025		
7	2.4	0.00024		
8	2.4	0.00024		
9	2.4	0.00024		
10	2.5	0.00025		
11	5.2	0.00052		
12	2.5	0.00025		
13	2.4	0.00024		
14	9.7	0.00097		
15	2.4	0.00024		
16	2.4	0.00024		
17	2.4	0.00024		
18	2.4	0.00024		
19	2.4	0.00024		
20	121	0.0121		
21	2.4	0.00024		
22	2.6	0.00026		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	2.5	0.00025		
24	2.5	0.00025		
25	2.4	0.00024		
26	2.4	0.00024		
27	2.4	0.00024		
28	2.4	0.00024		
29	2.4	0.00024		
30	2.6	0.00026		
31	2.5	0.00025		
32	2.8	0.00028		
33	2.6	0.00026		
34	2.5	0.00025		
35	2.5	0.00025		
36	2.5	0.00025		
37	2.4	0.00024		
38	2.4	0.00024		
39	2.4	0.00024		
40	2.4	0.00024		
41	2.4	0.00024		
42	2.8	0.00028		
43	2.4	0.00024		
44	2.7	0.00027		
45	2.5	0.00025		
46	2.4	0.00024		
47	2.5	0.00025		
48	2.4	0.00024		
49	2.5	0.00025		
50	9.5	0.00095		
51	4.3	0.00043		
52	307	0.0307		1
53	2.3	0.00023		
54	2.5	0.00025		
55	2.6	0.00026		
56	32.3	0.00323		
57	18.6	0.00186		
58	2.5	0.00025		
59	2.7	0.00027		
60	10.7	0.00107		
61	2.8	0.00028		
62	2.3	0.00023		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
63	2.3	0.00023		
64	2.4	0.00024		
65	2.4	0.00024		
66	2.3	0.00023		
67	2.7	0.00027		
68	2.7	0.00027		
69	11.5	0.00115		
70	2.6	0.00026		
71	2.5	0.00025		
72	2.8	0.00028		
73	2.5	0.00025		
74	2.4	0.00024		
75	2.4	0.00024		
76	2.3	0.00023		
77	2.1	0.00021		
78	2.3	0.00023		
79	2.3	0.00023		
80	2.4	0.00024		
81	2.9	0.00029		
82	2.7	0.00027		
83	2.8	0.00028		
84	2.9	0.00029		
85	2.3	0.00023		
86	2.3	0.00023		
87	2.3	0.00023		
88	2.3	0.00023		
<b>Additional Monitoring points</b>				
1-A1	2.4	0.00024		
2-A1	2.5	0.00025		
3-A1	2.5	0.00025		
4-A1	2.6	0.00026		
5-A1	2.7	0.00027		
6-A1	2.7	0.00027		
7-A1	2.5	0.00025		
8-A1	2.5	0.00025		
9-A1	2.5	0.00025		
10-A1	2.5	0.00025		
11-A1	2.5	0.00025		
12-A1	2.5	0.00025		
13-A1	2.5	0.00025		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
14-A1	2.5	0.00025		
15-A1	2.5	0.00025		
16-A1	2.3	0.00023		
17-A1	2.3	0.00023		
18-A1	2.3	0.00023		
19-A1	155	0.0155		
20-A1	2.3	0.00023		
21-A1	2.4	0.00024		
22-A1	2.3	0.00023		
23-A1	2.5	0.00025		
24-A1	2.5	0.00025		
25-A1	2.8	0.00028		
26-A1	2430	0.243		2, 3
27-A1	9.8	0.00098		
28-A1	9.6	0.00096		
29-A1	9.7	0.00097		
30-A1	18.2	0.00182		
31-A1	2.7	0.00027		
32-A1	2.4	0.00024		
33-A1	2.4	0.00024		
34-A1	2.4	0.00024		
35-A1	2.4	0.00024		
36-A1	69	0.0069		
37-A1	2.8	0.00028		
38-A1	8.8	0.00088		
39-A1	3.2	0.00032		
40-A1	2.4	0.00024		
41-A1	2.6	0.00026		
42-A1	67.7	0.00677		
43-A1	19.3	0.00193		
44-A1	2.7	0.00027		
45-A1	3.1	0.00031		
46-A1	8.1	0.00081		
47-A1	2.4	0.00024		
48-A1	102	0.0102		
49-A1	2.5	0.00025		
50-A1	2.4	0.00024		
74A	2.5	0.00025		
73A	2.7	0.00027		
83A	50.4	0.00504		



### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
84A	2.7	0.00027	Edge of steep slope. Deviation from original point location.	
84A-1	3.3	0.00033	Step out location North, Under tree	
84A-2	63	0.0063		
84A-3	338	0.0338	South step out Additional cover placed	
84A-4	2.7	0.00027	West step out	
84A-5	5.2	0.00052		
84A-6	2.8	0.00028		
84A-7	11.1	0.00111		
84A-8	214	0.0214		
85A	2.4	0.00024		
84A-9	3	0.0003	Half grid space south of 84A	
52A	21.2	0.00212		
Entry Ramp	4.9	0.00049		
Septic tank	100	0.01		4
56-1	2.7	0.00027	5m North stepout from Location 56	
56-2	3	0.0003	5m East stepout from Location 56	
56-3	12.8	0.00128	5m South stepout from Location 56	
56-4	82.2	0.00822	5m West stepout from Location 56	
56-5	46.6	0.00466	5m South stepout from Location 56-4	
56-6	33	0.0033	5m West stepout from Location 56-4	
56-7	65.5	0.00655	5m North stepout from Location 56-4	
Entry ramp step out 1	2.5	0.00025		
Entry ramp step out 2	2.5	0.00025		
Entry ramp step out 3	2.4	0.00024		
Entry ramp step out 4	4070	0.407		5, 6
83A - 1	1750	0.175	Step out	7, 8
83A-2	137	0.0137	Step out from 83A	
83A-3	3.1	0.00031	83A Step out	
83A-4	231	0.0231	83A step out a sp	
83A-1-1	109	0.0109	83A-1 step out	
83A-1-2	4.9	0.00049	83A-1 Step out	
<b>EPA 10 - Gas Accumulation points</b>				
1	2.4	0.00024		
2	2.5	0.00025		
3	2.3	0.00023		
4	2.4	0.00024		
5	2.4	0.00024		
6	2.3	0.00023		
7	2.4	0.00024		



## Bargo WMC

### Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

<b>Project Number</b>	30012992
<b>Sampling Dates</b>	2023-08-01 08:18 to 2023-08-01
<b>Sampler Name</b>	LD
<b>Weather Conditions</b>	Clear sunny
<b>Weather Station</b>	High Range (Wanganderry)
<b>BoM Barometric Pressure (mB)</b>	1027.5 (Rising) recorded at 08:00
<b>Device Atmospheric Pressure (mB)</b>	
<b>Wind Speed (km/h)</b>	28
<b>Instrument ID</b>	Inspectra laser (3071022)
<b>Date of Calibration</b>	2021-11-17

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		
<b>EPA 9 - Surface points</b>				
1	1.2	0.00012		
2	1.1	0.00011		
3	1.3	0.00013		
4	1.4	0.00014		
5	1.8	0.00018		
6	1.8	0.00018		
7	1.3	0.00013		
8	1.4	0.00014		
9	2	0.0002		
10	2	0.0002		
11	1.8	0.00018		
12	2.1	0.00021		
13	0.9	0.00009		
14	2.6	0.00026		
15	1.9	0.00019		
16	2.1	0.00021		
17	1.9	0.00019		
18	2.1	0.00021		
19	1.5	0.00015		
20	1	0.0001		
21	1.2	0.00012		
22	2.1	0.00021		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	2	0.0002		
24	2.1	0.00021		
25	1.6	0.00016		
26	1.5	0.00015		
27	1.3	0.00013		
28	1.2	0.00012		
29	3724	0.3724		1, 2, 3
30	2.8	0.00028		
31	1.9	0.00019		
32	1.1	0.00011		
33	1.2	0.00012		
34	1.3	0.00013		
35	2.1	0.00021		
36	2.1	0.00021		
37	1.6	0.00016		
38	1.4	0.00014		
39	1.2	0.00012		
40	1.1	0.00011		
41	1.1	0.00011		
42	1.9	0.00019		
43	1.9	0.00019		
44	1.3	0.00013		
45	2.4	0.00024		
46	1.4	0.00014		
47	1.2	0.00012		
48	1.3	0.00013		
49	2.2	0.00022		
50	2.3	0.00023		
51	2.9	0.00029		
52	51.5	0.00515		
53	2.4	0.00024		
54	3.3	0.00033		
55	2	0.0002		
56	8.5	0.00085		
57	7	0.0007		
58	1.3	0.00013		
59	1.1	0.00011		
60	1.2	0.00012		
61	1.3	0.00013		
62	1.2	0.00012		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
63	1.5	0.00015		
64	1.1	0.00011		
65	1.1	0.00011		
66	1.4	0.00014		
67	1	0.0001		
68	1.3	0.00013		
69	3.1	0.00031		
70	1	0.0001		
71	1.2	0.00012		
72	3.1	0.00031		
73	2.1	0.00021		
74	1.9	0.00019		
75	2.9	0.00029		
76	1.8	0.00018		
77	1.1	0.00011		
78	1	0.0001		
79	1	0.0001		
80	1.2	0.00012		
81	1.4	0.00014		
82	1.4	0.00014		
83	1.3	0.00013		
84	3.8	0.00038		
85	2.4	0.00024		
86	1.9	0.00019		
87	2.1	0.00021		
88	1.4	0.00014		
<b>Additional Monitoring points</b>				
1-A1	1.3	0.00013		
2-A1	1.2	0.00012		
3-A1	1.2	0.00012		
4-A1	1	0.0001		
5-A1	1	0.0001		
6-A1	1	0.0001		
7-A1	0.9	0.00009		
8-A1	1.2	0.00012		
9-A1	1.7	0.00017		
10-A1	1.2	0.00012		
11-A1	1.1	0.00011		
12-A1	1.3	0.00013		
13-A1	1.2	0.00012		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
14-A1	1.1	0.00011		
15-A1	1.1	0.00011		
16-A1	1.7	0.00017		
17-A1	1.9	0.00019		
18-A1	2.1	0.00021		
19-A1	10.8	0.00108		
20-A1	8.6	0.00086		
21-A1	2.3	0.00023		
22-A1	1.6	0.00016		
23-A1	1.1	0.00011		
24-A1	1.5	0.00015		
25-A1	5.5	0.00055		
26-A1	35.8	0.00358		
27-A1	1.6	0.00016		
28-A1	1.5	0.00015		
29-A1	2.5	0.00025		
30-A1	3.5	0.00035		
31-A1	3	0.0003		
32-A1	2.4	0.00024		
33-A1	1.9	0.00019		
34-A1	1.6	0.00016		
35-A1	1.5	0.00015		
36-A1	1.5	0.00015		
37-A1	2.9	0.00029		
38-A1	2.2	0.00022		
39-A1	2	0.0002		
40-A1	2	0.0002		
41-A1	2.6	0.00026		
42-A1	33.9	0.00339		
43-A1	6.7	0.00067		
44-A1	4.7	0.00047		
45-A1	2.2	0.00022		
46-A1	6	0.0006		
47-A1	2	0.0002		
48-A1	26.6	0.00266		
49-A1	1.7	0.00017		
50-A1	2	0.0002		
74A	2	0.0002		
73A	2.5	0.00025		
83A	1.6	0.00016		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
84A	3.1	0.00031	Edge of steep slope. Deviation from original point location.	
84A-1	2.1	0.00021	Step out location North, Under tree	
84A-2	3.2	0.00032		
84A-3	11.4	0.00114	South step out Additional cover placed	
84A-4	5.2	0.00052	West step out	
84A-5	1015	0.1015		4, 5
84A-6	1.8	0.00018		
84A-7	3	0.0003		
84A-8	5.1	0.00051		
85A	3.1	0.00031		
84A-9	8.8	0.00088	Half grid space south of 84A	
52A	22.2	0.00222		
Entry Ramp	3.8	0.00038		
Septic tank	1.4	0.00014		
56-1	1.8	0.00018	5m North stepout from Location 56	
56-2	8	0.0008	5m East stepout from Location 56	
56-3	46.7	0.00467	5m South stepout from Location 56	
56-4	3.2	0.00032	5m West stepout from Location 56	
56-5	13.3	0.00133	5m South stepout from Location 56-4	
56-6	5.5	0.00055	5m West stepout from Location 56-4	
56-7	1.5	0.00015	5m North stepout from Location 56-4	
Entry ramp step out 1	1.2	0.00012		
Entry ramp step out 2	4.9	0.00049		
Entry ramp step out 3	1.2	0.00012		
Entry ramp step out 4	9.7	0.00097		
83A - 1	4821	0.4821	Step out	
83A-2	2.2	0.00022	Step out from 83A	
83A-3	1.4	0.00014	83A Step out	
83A-4	17.9	0.00179	83A step out	
83A-1-1	1.6	0.00016	83A-1 step out	
83A-1-2	2.9	0.00029	83A-1 Step out	
84A-5 (step out)	3.2	0.00032		
84A-5 (step out)	1.5	0.00015		
<b>EPA 10 - Gas Accumulation points</b>				
1	1.3	0.00013		
2	0.9	0.00009		
3	0.9	0.00009		
4	1.4	0.00014		
5	0.9	0.00009		
6	1	0.0001		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
7	1	0.0001		



## Bargo WMC

### Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

<b>Project Number</b>	30018083
<b>Sampling Dates</b>	2023-09-08 08:54 to 2023-09-08 12:03
<b>Sampler Name</b>	HW
<b>Weather Conditions</b>	Overcast, light rain
<b>Weather Station</b>	High Range (Wanganderry)
<b>BoM Barometric Pressure (mB)</b>	1016.3 (Rising) recorded at 08:30
<b>Device Atmospheric Pressure (mB)</b>	
<b>Wind Speed (km/h)</b>	11
<b>Instrument ID</b>	Geotech SEM5000 Laser Methane Analyser
<b>Date of Calibration</b>	2023-08-25

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		
<b>EPA 9 - Surface points</b>				
1	2.5	0.00025		
2	2.6	0.00026		
3	2.6	0.00026		
4	2.6	0.00026		
5	2.6	0.00026		
6	2.5	0.00025		
7	2.4	0.00024		
8	2.4	0.00024		
9	2.7	0.00027		
10	2.5	0.00025		
11	2.4	0.00024		
12	2.4	0.00024		
13	2.4	0.00024		
14	2.6	0.00026		
15	2.6	0.00026		
16	2.3	0.00023		
17	3.5	0.00035		
18	3.1	0.00031		
19	2.7	0.00027		
20	3.3	0.00033		
21	2.3	0.00023		
22	2.4	0.00024		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	2.4	0.00024		
24	2.4	0.00024		
25	2.3	0.00023		
26	2.3	0.00023		
27	2.3	0.00023		
28	2.3	0.00023		
29	191	0.0191		
30	2.7	0.00027		
31	3	0.0003		
32	2.4	0.00024		
33	2.2	0.00022		
34	2.2	0.00022		
35	2.6	0.00026		
36	2.3	0.00023		
37	2.3	0.00023		
38	2.3	0.00023		
39	2.3	0.00023		
40	2.3	0.00023		
41	2.5	0.00025		
42	2.4	0.00024		
43	2.5	0.00025		
44	2.5	0.00025		
45	2.8	0.00028		
46	2.7	0.00027		
47	2.5	0.00025		
48	3.4	0.00034		
49	2.8	0.00028		
50	3.9	0.00039		
51	3.1	0.00031		
52	10.9	0.00109		
53	2.8	0.00028		
54	2.5	0.00025		
55	4.5	0.00045		
56	16.6	0.00166		
57	7.3	0.00073		
58	2.8	0.00028		
59	3.2	0.00032		
60	2.8	0.00028		
61	2.6	0.00026		
62	2.5	0.00025		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
63	2.4	0.00024		
64	2.5	0.00025		
65	2.3	0.00023		
66	2.3	0.00023		
67	2.3	0.00023		
68	2.3	0.00023		
69	2.6	0.00026		
70	2.5	0.00025		
71	2.4	0.00024		
72	3.3	0.00033		
73	2.4	0.00024		
74	2.4	0.00024		
75	2.4	0.00024		
76	2.4	0.00024		
77	2.2	0.00022		
78	2.2	0.00022		
79	2.2	0.00022		
80	2.2	0.00022		
81	2.3	0.00023		
82	2.3	0.00023		
83	2.4	0.00024		
84	2.4	0.00024		
85	2.2	0.00022		
86	2.2	0.00022		
87	2.2	0.00022		
88	2.2	0.00022		
<b>Additional Monitoring points</b>				
1-A1	2.2	0.00022		
2-A1	2.2	0.00022		
3-A1	2.2	0.00022		
4-A1	2.2	0.00022		
5-A1	2.2	0.00022		
6-A1	2.2	0.00022		
7-A1	2.2	0.00022		
8-A1	2.2	0.00022		
9-A1	2.3	0.00023		
10-A1	2.2	0.00022		
11-A1	2.2	0.00022		
12-A1	2.2	0.00022		
13-A1	2.2	0.00022		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
14-A1	2.2	0.00022		
15-A1	2.2	0.00022		
16-A1	2.2	0.00022		
17-A1	2.2	0.00022		
18-A1	2.2	0.00022		
19-A1	5.8	0.00058		
20-A1	2.6	0.00026		
21-A1	2.2	0.00022		
22-A1	2.2	0.00022		
23-A1	2.2	0.00022		
24-A1	5.3	0.00053		
25-A1	2.2	0.00022		
26-A1	13.6	0.00136		
27-A1	35.2	0.00352		
28-A1	2.2	0.00022		
29-A1	8.1	0.00081		
30-A1	2.5	0.00025		
31-A1	2.5	0.00025		
32-A1	2.3	0.00023		
33-A1	2.2	0.00022		
34-A1	2.2	0.00022		
35-A1	2.2	0.00022		
36-A1	5.2	0.00052		
37-A1	4.4	0.00044		
38-A1	4.7	0.00047		
39-A1	2.3	0.00023		
40-A1	2.5	0.00025		
41-A1	2.3	0.00023		
42-A1	84.8	0.00848		
43-A1	4.7	0.00047		
44-A1	6.4	0.00064		
45-A1	2.3	0.00023		
46-A1	54.7	0.00547		
47-A1	2.8	0.00028		
48-A1	5.6	0.00056		
49-A1	2.6	0.00026		
50-A1	2.5	0.00025		
84A-5	106	0.0106		
Entry Ramp	5.1	0.00051		
Septic tank	2.4	0.00024		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
83A - 1	72.4	0.00724	Step out	
<b>EPA 10 - Gas Accumulation points</b>				
1	2.2	0.00022		
2	2.2	0.00022		
3	2.2	0.00022		
4	2.2	0.00022		
5	2.2	0.00022		
6	2.2	0.00022		
7	2.2	0.00022		



## Bargo WMC Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

<b>Project Number</b>	30012992
<b>Sampling Dates</b>	2023-10-03 10:47 to 2023-10-03
<b>Sampler Name</b>	LD
<b>Weather Conditions</b>	Overcast,
<b>Weather Station</b>	High Range (Wanganderry)
<b>BoM Barometric Pressure (mB)</b>	1017.1 (Falling) recorded at 10:48
<b>Device Atmospheric Pressure (mB)</b>	
<b>Wind Speed (km/h)</b>	17
<b>Instrument ID</b>	Geotech SEM5000
<b>Date of Calibration</b>	2023 - 08 - 25

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		
<b>EPA 9 - Surface points</b>				
1	2.6	0.00026		
2	2.7	0.00027		
3	2.6	0.00026		1, 2, 3
4	2.5	0.00025		
5	2.5	0.00025		
6	2.4	0.00024		
7	2.4	0.00024		
8	2.7	0.00027		
9	2.7	0.00027		
10	2.5	0.00025		
11	2.5	0.00025		
12	2.5	0.00025		
13	2.5	0.00025		
14	2.6	0.00026		
15	2.6	0.00026		
16	2.7	0.00027		
17	2.9	0.00029		
18	2.6	0.00026		
19	2.7	0.00027		
20	3	0.0003		
21	2.5	0.00025		
22	2.5	0.00025		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	2.5	0.00025		
24	2.7	0.00027		
25	2.8	0.00028		
26	2.6	0.00026		
27	2.6	0.00026		
28	2.7	0.00027		
29	218	0.0218		4, 5, 6
30	2.7	0.00027		
31	2.6	0.00026		
32	7	0.0007		
33	2.4	0.00024		
34	2.5	0.00025		
35	2.5	0.00025		
36	2.6	0.00026		
37	2.8	0.00028		
38	2.5	0.00025		
39	2.5	0.00025		
40	2.7	0.00027		7, 8, 9
41	2.7	0.00027		
42	2.7	0.00027		
43	2.6	0.00026		
44	2.5	0.00025		
45	2.6	0.00026		
46	2.9	0.00029		
47	2.7	0.00027		
48	2.8	0.00028		
49	2.8	0.00028		
50	2.6	0.00026		
51	2.6	0.00026		
52	8.1	0.00081		
53	2.8	0.00028		
54	2.6	0.00026		
55	3.1	0.00031		
56	11.4	0.00114		10, 11, 12
57	70.2	0.00702		
58	2.6	0.00026		
59	2.6	0.00026		
60	2.8	0.00028		
61	2.6	0.00026		



**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
62	2.9	0.00029		
63	2.7	0.00027		
64	2.7	0.00027		
65	2.6	0.00026		
66	2.9	0.00029		
67	2.5	0.00025		
68	2.5	0.00025		13, 14
69	2.6	0.00026		
70	2.9	0.00029		
71	2.7	0.00027		
72	3.1	0.00031		
73	2.6	0.00026		
74	2.7	0.00027		
75	2.6	0.00026		
76	2.7	0.00027		
77	2.8	0.00028		
78	2.9	0.00029		15
79	2.5	0.00025		
80	2.5	0.00025		
81	2.5	0.00025		
82	2.5	0.00025		
83	2.7	0.00027		
84	2.8	0.00028		
85	2.5	0.00025		
86	2.5	0.00025		
87	2.5	0.00025		
88	2.3	0.00023		
<b>Additional Monitoring points</b>				
1-A1	2.5	0.00025		
2-A1	2.3	0.00023		
3-A1	2.3	0.00023		
4-A1	2.2	0.00022		
5-A1	2.2	0.00022		
6-A1	2.3	0.00023		
7-A1	2.3	0.00023		
8-A1	2.4	0.00024		
9-A1	2.5	0.00025		16, 17
10-A1	2.5	0.00025		
11-A1	2.5	0.00025		
12-A1	2.6	0.00026		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
13-A1	2.6	0.00026		
14-A1	2.6	0.00026		
15-A1	2.6	0.00026		
16-A1	2.5	0.00025		
17-A1	2.6	0.00026		
18-A1	2.8	0.00028		
19-A1	17.9	0.00179		
20-A1	60	0.006		
21-A1	2.8	0.00028		
22-A1	2.7	0.00027		
23-A1	2.5	0.00025		
24-A1	3.1	0.00031		
25-A1	2.5	0.00025		
26-A1	3.1	0.00031		
27-A1	2.5	0.00025		
28-A1	6.1	0.00061		
29-A1	45.1	0.00451		
30-A1	3.5	0.00035		
31-A1	2.6	0.00026		
32-A1	2.6	0.00026		
33-A1	2.6	0.00026		
34-A1	2.7	0.00027		
35-A1	2.7	0.00027		
36-A1	2.5	0.00025		
37-A1	2.7	0.00027		
38-A1	2.7	0.00027		
39-A1	2.7	0.00027		
40-A1	2.5	0.00025		
41-A1	2.6	0.00026		
42-A1	3.6	0.00036		
43-A1	3.1	0.00031		
44-A1	2.6	0.00026		
45-A1	2.6	0.00026		
46-A1	4	0.0004		
47-A1	2.6	0.00026		
48-A1	2.6	0.00026		
49-A1	2.6	0.00026		
50-A1	2.6	0.00026		
84A-5	24.2	0.00242		
Entry Ramp	2.4	0.00024		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
Septic tank	92.5	0.00925		18
<b>EPA 10 - Gas Accumulation points</b>				
1	2.9	0.00029		19
2	2.9	0.00029		20, 21
3	2.9	0.00029		22, 23
4	3	0.0003		24, 25
5	2.9	0.00029		26
6	2.5	0.00025		
7	2.9	0.00029		27



## Bargo WMC

### Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

<b>Project Number</b>	30018083
<b>Sampling Dates</b>	2023-11-16 12:33 to 2023-11-16
<b>Sampler Name</b>	HW
<b>Weather Conditions</b>	Mostly Sunny
<b>Weather Station</b>	High Range (Wanganderry)
<b>BoM Barometric Pressure (mB)</b>	1010.9 (Falling) recorded at 12:30
<b>Device Atmospheric Pressure (mB)</b>	
<b>Wind Speed (km/h)</b>	22
<b>Instrument ID</b>	Gazomat Inspectra Laser
<b>Date of Calibration</b>	

#### 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		
<b>EPA 9 - Surface points</b>				
1	0.9	0.00009		
2	1	0.0001		
3	0.9	0.00009		
4	1.1	0.00011		
5	0.8	0.00008		
6	1.3	0.00013		
7	1.1	0.00011		
8	1.2	0.00012		
9	1.4	0.00014		
10	1.2	0.00012		
11	1.3	0.00013		
12	1.3	0.00013		
13	0.9	0.00009		
14	1.3	0.00013		
15	1.1	0.00011		
16	0.9	0.00009		
17	0.9	0.00009		
18	1.2	0.00012		
19	2	0.0002		
20	1.9	0.00019		
21	1.6	0.00016		
22	1.2	0.00012		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	1.3	0.00013		
24	0.9	0.00009		
25	0.9	0.00009		
26	1	0.0001		
27	0.5	0.00005		
28	0.5	0.00005		
29	0.9	0.00009		
30	0.9	0.00009		
31	1.2	0.00012		
32	1.1	0.00011		
33	1	0.0001		
34	0.9	0.00009		
35	1.1	0.00011		
36	1.2	0.00012		
37	1	0.0001		
38	1.1	0.00011		
39	0.8	0.00008		
40	0.7	0.00007		
41	0.9	0.00009		
42	1	0.0001		
43	0.8	0.00008		
44	0.6	0.00006		
45	0.9	0.00009		
46	1.6	0.00016		
47	1.5	0.00015		
48	1.5	0.00015		
49	1.4	0.00014		
50	1.6	0.00016		
51	1.9	0.00019		
52	6	0.0006		
53	1.7	0.00017		
54	1.9	0.00019		
55	2.4	0.00024		
56	420	0.042		
57	30.2	0.00302		
58	1.2	0.00012		
59	1.4	0.00014		
60	1.6	0.00016		
61	1.1	0.00011		
62	0.9	0.00009		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
63	0.9	0.00009		
64	1	0.0001		
65	1	0.0001		
66	1.2	0.00012		
67	0.6	0.00006		
68	0.7	0.00007		
69	1.5	0.00015		
70	1.4	0.00014		
71	0.9	0.00009		
72	1.6	0.00016		
73	1.2	0.00012		
74	1.3	0.00013		
75	1.4	0.00014		
76	1.2	0.00012		
77	1.1	0.00011		
78	1.3	0.00013		
79	1.1	0.00011		
80	1	0.0001		
81	1.2	0.00012		
82	1	0.0001		
83	1.4	0.00014		
84	1.1	0.00011		
85	1	0.0001		
86	1.5	0.00015		
87	1.2	0.00012		
88	1.1	0.00011		
<b>Additional Monitoring points</b>				
1-A1	4.5	0.00045		
2-A1	1.1	0.00011		
3-A1	1.3	0.00013		
4-A1	1.2	0.00012		
5-A1	0.9	0.00009		
6-A1	1	0.0001		
7-A1	1.3	0.00013		
8-A1	1	0.0001		
9-A1	1.2	0.00012		
10-A1	0.9	0.00009		
11-A1	1.4	0.00014		
12-A1	1.5	0.00015		
13-A1	1.5	0.00015		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
14-A1	1.7	0.00017		
15-A1	1.4	0.00014		
16-A1	1.4	0.00014		
17-A1	1.5	0.00015		
18-A1	15.4	0.00154		
19-A1	364	0.0364		
20-A1	5.6	0.00056		
21-A1	2.1	0.00021		
22-A1	1.5	0.00015		
23-A1	1.6	0.00016		
24-A1	3	0.0003		
25-A1	1.6	0.00016		
26-A1	3.1	0.00031		
27-A1	2	0.0002		
28-A1	2.1	0.00021		
29-A1	3.9	0.00039		
30-A1	3.1	0.00031		
31-A1	1.7	0.00017		
32-A1	1.1	0.00011		
33-A1	1.2	0.00012		
34-A1	0.9	0.00009		
35-A1	1.3	0.00013		
36-A1	1.4	0.00014		
37-A1	1.4	0.00014		
38-A1	1.1	0.00011		
39-A1	1.3	0.00013		
40-A1	1.2	0.00012		
41-A1	1.2	0.00012		
42-A1	1.3	0.00013		
43-A1	1.2	0.00012		
44-A1	1.1	0.00011		
45-A1	1.5	0.00015		
46-A1	4.4	0.00044		
47-A1	1	0.0001		
48-A1	0.9	0.00009		
49-A1	1.5	0.00015		
50-A1	1.6	0.00016		
84A-5	2.2	0.00022		
Entry Ramp	0.9	0.00009		
Septic tank	1.5	0.00015		



### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
<b>EPA 10 - Gas Accumulation points</b>				
1	1	0.0001		
2	2.9	0.00029		
3	0.9	0.00009		
4	0.8	0.00008		
5	1.1	0.00011		
6	0.9	0.00009		
7	1	0.0001		



## Bargo WMC

### Landfill Gas Emissions Monitoring and Gas Accumulation Monitoring Results

<b>Project Number</b>	30018083
<b>Sampling Dates</b>	2023-12-05 09:46 to 2023-11-16 16:41
<b>Sampler Name</b>	HW
<b>Weather Conditions</b>	Sunny, clear
<b>Weather Station</b>	High Range (Wanganderry)
<b>BoM Barometric Pressure (mB)</b>	1016.9 (Falling) recorded at 12:30
<b>Device Atmospheric Pressure (mB)</b>	
<b>Wind Speed (km/h)</b>	22
<b>Instrument ID</b>	Gazomat Inspectra Laser
<b>Date of Calibration</b>	09/06/2023

#### 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		
<b>EPA 9 - Surface points</b>				
1	2.3	0.00023		
2	2.3	0.00023		
3	2.1	0.00021		
4	2.2	0.00022		
5	1.9	0.00019		
6	2.2	0.00022		
7	1.9	0.00019		
8	2	0.0002		
9	2.1	0.00021		
10	1.9	0.00019		
11	2	0.0002		
12	2.1	0.00021		
13	3.2	0.00032		
14	12.4	0.00124		
15	1.9	0.00019		
16	2	0.0002		
17	1.7	0.00017		
18	1.5	0.00015		
19	1.2	0.00012		
20	1.5	0.00015		
21	1.3	0.00013		
22	1.4	0.00014		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
23	1.4	0.00014		
24	1.6	0.00016		
25	2.1	0.00021		
26	1.9	0.00019		
27	1.8	0.00018		
28	1.6	0.00016		
29	10.3	0.00103		
30	1.7	0.00017		
31	1.1	0.00011		
32	0.9	0.00009		
33	1	0.0001		
34	0.9	0.00009		
35	0.8	0.00008		
36	1	0.0001		
37	1	0.0001		
38	1.2	0.00012		
39	0.8	0.00008		
40	1	0.0001		
41	1.1	0.00011		
42	0.9	0.00009		
43	1.2	0.00012		
44	1.2	0.00012		
45	1.1	0.00011		
46	2	0.0002		
47	1.9	0.00019		
48	2.1	0.00021		
49	1.5	0.00015		
50	1.7	0.00017		
51	1.7	0.00017		
52	1108	0.1108		
53	1.9	0.00019		
54	1.5	0.00015		
55	2.3	0.00023		
56	9	0.0009		
57	8.1	0.00081		
58	2.2	0.00022		
59	1.4	0.00014		
60	3.8	0.00038		
61	1.4	0.00014		
62	1	0.0001		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
63	0.9	0.00009		
64	1	0.0001		
65	1.1	0.00011		
66	1.1	0.00011		
67	1.2	0.00012		
68	1.1	0.00011		
69	1.7	0.00017		
70	1.6	0.00016		
71	2.1	0.00021		
72	1.8	0.00018		
73	8.4	0.00084		
74	1.2	0.00012		
75	1.2	0.00012		
76	1.3	0.00013		
77	1.1	0.00011		
78	1.3	0.00013		
79	1.1	0.00011		
80	1.2	0.00012		
81	1.4	0.00014		
82	1.7	0.00017		
83	13.1	0.00131		
84	2.2	0.00022		
85	1.1	0.00011		
86	1	0.0001		
87	1.2	0.00012		
88	1.2	0.00012		
<b>Additional Monitoring points</b>				
1-A1	1.2	0.00012		
2-A1	1.1	0.00011		
3-A1	1.1	0.00011		
4-A1	0.9	0.00009		
5-A1	1.2	0.00012		
6-A1	1	0.0001		
7-A1	1.3	0.00013		
8-A1	1	0.0001		
9-A1	0.9	0.00009		
10-A1	0.9	0.00009		
11-A1	1.1	0.00011		
12-A1	2.6	0.00026		
13-A1	0.9	0.00009		

**Landfill Gas Surface Monitoring Results**

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
14-A1	0.9	0.00009		
15-A1	0.8	0.00008		
16-A1	0.9	0.00009		
17-A1	1	0.0001		
18-A1	0.9	0.00009		
19-A1	11.6	0.00116		
20-A1	1.3	0.00013		
21-A1	0.6	0.00006		
22-A1	0.9	0.00009		
23-A1	0.9	0.00009		
24-A1	0.9	0.00009		
25-A1	1	0.0001		
26-A1	91.3	0.00913		
27-A1	12.9	0.00129		
28-A1	0.8	0.00008		
29-A1	0.7	0.00007		
30-A1	0.8	0.00008		
31-A1	0.9	0.00009		
32-A1	0.8	0.00008		
33-A1	0.7	0.00007		
34-A1	0.6	0.00006		
35-A1	0.7	0.00007		
36-A1	1	0.0001		
37-A1	1	0.0001		
38-A1	1.1	0.00011		
39-A1	0.8	0.00008		
40-A1	0.5	0.00005		
41-A1	0.9	0.00009		
42-A1	1.1	0.00011		
43-A1	2.6	0.00026		
44-A1	1	0.0001		
45-A1	1.1	0.00011		
46-A1	2.1	0.00021		
47-A1	0.8	0.00008		
48-A1	0.7	0.00007		
49-A1	0.6	0.00006		
50-A1	0.6	0.00006		
84A-5	1.7	0.00017		
Entry Ramp	1.1	0.00011		
Septic tank	1.1	0.00011		

### Landfill Gas Surface Monitoring Results

Location ID	Methane Concentration		Comments	Photos
	ppmv	% v/v		
83A-1	2.1	0.00021		
<b>EPA 10 - Gas Accumulation points</b>				
1	0.8	0.00008		
2	1	0.0001		
3	1.1	0.00011		
4	1.1	0.00011		
5	0.9	0.00009		
6	1.3	0.00013		
7	1.5	0.00015		

