

# AWABA WASTE MANAGEMENT FACILITY

## ACCUMULATION GAS MONITORING DATA SHEET

**Weather Conditions**    Wind: 0.96m/s                      24hr Rainfall: 0mm                      Temp: 27.3°C

**Meter Calibration**            Previous: May 2024                      Due: May 2025

LOCATION	TIME	COMB%LEL (METHANE) (CH4)
<i>Weighbridge</i>	8:25am	0
<i>Green Storage Container</i>	7:50am	0
<i>AWMF Office</i>	8:20am	0
<i>AWMF Toilets and Washroom</i>	8:20am	0
<i>AWMF Boardroom</i>	8:20am	0
<i>AWMF Foyer</i>	8:20am	0
<i>AWMF Lunchroom</i>	8:20am	0
<i>AWMF Transfer Station</i>	8:00am	0
<i>E-waste container</i>	8:10am	0
<i>Shipping Container 1</i>	7:50am	0
<i>Shipping Container 2</i>	7:50am	0
<i>Shipping Container 3</i>	7:50am	0

<b>Shipping Container 4</b>	7:50am	0
<b>CRC</b>	8:10am	0
<b>Polystyrene Shipping Container</b>	7:55am	0
<b>Daily Cover Shipping Container</b>	7:55am	0

Awaba Waste Management Facility uses a Gas Alert Micro 5 PID (photoionization detector) gas monitor for its surface and accumulation gas monitoring. It can detect gas concentrations as low as 1ppm (parts per million). The threshold for gas accumulation is 1ppm as per the Environmental Guidelines: Solid Waste Landfills (EPA, 2016).

Testing conducted by: A. Roser

Date: 23/12/2024

## AWABA WASTE MANAGEMENT FACILITY

### SURFACE GAS MONITORING DATA SHEET

**Weather Conditions**    Wind: 0.96m/s                      24hr Rainfall: 0mm                      Temp: 27.3°C

**Meter Calibration**            Previous: May 2024                      Due: May 2025

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)
23 <sup>rd</sup> December 2024	8:44am	-33.024171 151.549179	0
23 <sup>rd</sup> December 2024	8:46am	-33.023579 151.549246	0
23 <sup>rd</sup> December 2024	8:47am	-33.023206 151.549107	0
23 <sup>rd</sup> December 2024	8:48am	-33.022881 151.549238	0
23 <sup>rd</sup> December 2024	8:49am	-33.022495 151.549307	0
23 <sup>rd</sup> December 2024	8:50am	-33.021958 151.549302	0
23 <sup>rd</sup> December 2024	8:52am	-33.021772 151.549839	0
23 <sup>rd</sup> December 2024	8:53am	-33.021479 151.550306	0
23 <sup>rd</sup> December 2024	8:53am	-33.021480 151.550613	0
23 <sup>rd</sup> December 2024	8:54am	-33.021789 151.550559	0
23 <sup>rd</sup> December 2024	8:56am	-33.022388 151.550555	0
23 <sup>rd</sup> December 2024	8:57am	-33.022828 151.550534	0
23 <sup>rd</sup> December 2024	8:59am	-33.021818 151.550865	0
23 <sup>rd</sup> December 2024	9:01am	-33.022494 151.550981	0
23 <sup>rd</sup> December 2024	9:02am	-33.022961 151.551366	0
23 <sup>rd</sup> December 2024	9:04am	-33.023681 151.551971	0
23 <sup>rd</sup> December 2024	9:07am	-33.024567 151.552389	0
23 <sup>rd</sup> December 2024	9:08am	-33.024249 151.551850	0
23 <sup>rd</sup> December 2024	9:09am	-33.024290 151.551002	0
23 <sup>rd</sup> December 2024	9:10am	-33.024164 151.550232	0
23 <sup>rd</sup> December 2024	9:11am	-33.024031 151.549621	0

Awaba Waste Management Facility uses a Gas Alert Micro 5 PID (photoionization detector) gas monitor for its surface and accumulation gas monitoring. It can detect gas concentrations as low as 1ppm (parts per million). The threshold for surface gas is 500ppm as per the Environmental Guidelines: Solid Waste Landfills (EPA, 2016)

Testing conducted by: A. Roser

Date: 23/12/2024