

# AWABA WASTE MANAGEMENT FACILITY

## SURFACE GAS MONITORING DATA SHEET

**Weather Conditions**    Wind: 1.92m/s                      24hr Rainfall: 0mm                      Temp: 12.1°C

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

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)
5 <sup>th</sup> August 2024	11:10pm	-33.022215 151.549829	0
5 <sup>th</sup> August 2024	11:11pm	-33.022238 151.549548	0
5 <sup>th</sup> August 2024	11:13pm	-33.022226 151.549291	0
5 <sup>th</sup> August 2024	11:14pm	-33.022735 151.549351	0
5 <sup>th</sup> August 2024	11:16pm	-33.023175 151.549167	0
5 <sup>th</sup> August 2024	11:19pm	-33.023893 151.549510	0
5 <sup>th</sup> August 2024	11:21pm	-33.024176 151.549974	0
5 <sup>th</sup> August 2024	11:21pm	-33.024164 151.550392	0
5 <sup>th</sup> August 2024	11:23pm	-33.024299 151.551071	0
5 <sup>th</sup> August 2024	11:24pm	-33.024247 151.551580	0
5 <sup>th</sup> August 2024	11:25pm	-33.024486 151.552249	0
5 <sup>th</sup> August 2024	11:28pm	-33.023586 151.551848	0
5 <sup>th</sup> August 2024	11:32pm	-33.022896 151.550699	0
5 <sup>th</sup> August 2024	11:33pm	-33.022278 151.550547	0
5 <sup>th</sup> August 2024	11:34pm	-33.021817 151.550888	0
5 <sup>th</sup> August 2024	11:48pm	-33.020430 151.552219	0
5 <sup>th</sup> August 2024	11:50pm	-33.020709 151.552365	0
5 <sup>th</sup> August 2024	11:51pm	-33.020774 151.552464	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: 05/08/2024

# AWABA WASTE MANAGEMENT FACILITY

## ACCUMULATION GAS MONITORING DATA SHEET

**Weather Conditions**    Wind: 1.92m/s                      24hr Rainfall: 0mm                      Temp: 12.1°C

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

LOCATION	TIME	COMB%LEL (METHANE) (CH4)
<i>Weighbridge</i>	8:40am	0
<i>Green Storage Container</i>	8:55am	0
<i>AWMF Office</i>	8:40am	0
<i>AWMF Toilets and Washroom</i>	8:45am	0
<i>AWMF Boardroom</i>	8:45am	0
<i>AWMF Foyer</i>	8:45am	0
<i>AWMF Lunchroom</i>	8:45am	0
<i>AWMF Transfer Station</i>	8:58am	0
<i>E-waste container</i>	8:35am	
<i>Shipping Container 1</i>	8:52am	0
<i>Shipping Container 2</i>	8:52am	0
<i>Shipping Container 3</i>	8:52am	0

<b>Shipping Container 4</b>	8:52am	0
<b>CRC</b>	8:35am	0
<b>Polystyrene Shipping Container</b>	8:35am	0
<b>Daily Cover Shipping Container</b>	8:55am	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: 05/08/2024