

# AWABA WASTE MANAGEMENT FACILITY

## SURFACE GAS MONITORING DATA SHEET

**Weather conditions** Wind: 0.15 m/s      24hr Rainfall: 29.8 mm      Temp: 20.8°C

**Meter Calibration** Previous: May 2023      Due: May 2024

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)
4 <sup>th</sup> April 2024	15:03	-33.020621 151.552589	0
4 <sup>th</sup> April 2024	15:04	-33.020713 151.552529	0
4 <sup>th</sup> April 2024	15:04	-33.020790 151.552487	0
4 <sup>th</sup> April 2024	15:04	-33.020754 151.552388	0
4 <sup>th</sup> April 2024	15:04	-33.020671 151.552333	0
4 <sup>th</sup> April 2024	15:05	-33.020572 151.552358	0
4 <sup>th</sup> April 2024	15:10	-33.022327 151.550618	0
4 <sup>th</sup> April 2024	15:10	-33.022510 151.550568	0
4 <sup>th</sup> April 2024	15:11	-33.022862 151.550688	0
4 <sup>th</sup> April 2024	15:12	-33.022741 151.550890	0
4 <sup>th</sup> April 2024	15:12	-33.022653 151.550845	0
4 <sup>th</sup> April 2024	15:12	-33.022476 151.550763	0
4 <sup>th</sup> April 2024	15:12	-33.022476 151.550763	0
4 <sup>th</sup> April 2024	15:13	-33.022289 151.550745	0
4 <sup>th</sup> April 2024	15:24	-33.023541 151.549259	0
4 <sup>th</sup> April 2024	15:25	-33.023541 151.549259	0
4 <sup>th</sup> April 2024	15:26	-33.023362 151.549226	0
4 <sup>th</sup> April 2024	15:29	-33.024109 151.550456	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: V.Curtin

Date: 4/04/2024

# AWABA WASTE MANAGEMENT FACILITY

## ACCUMULATION GAS MONITORING DATA SHEET

**Weather conditions** Wind: 0.15 m/s      24hr Rainfall: 29.8 mm      Temp: 20.8 °C  
**Meter Calibration** Previous: May 2023      Due: May 2024      Date monitored: 04/04/2024

LOCATION	TIME	COMB%LEL (METHANE) (CH4)
<i>Weighbridge</i>	15:53	0
<i>Green Storage Container</i>	15:31	0
<i>AWMF Office</i>	15:49	0
<i>AWMF Toilets and Washroom</i>	15:50	0
<i>AWMF Boardroom</i>	15:50	0
<i>AWMF Foyer</i>	15:50	0
<i>AWMF Lunchroom</i>	15:50	0
<i>AWMF Transfer Station</i>	15:40	0
<i>E-waste container</i>	15:42	0
<i>Shipping Container 1</i>	15:30	0
<i>Shipping Container 2</i>	15:30	0
<i>Shipping Container 3</i>	15:31	0

<b>Shipping Container 4</b>	15:32	0
<b>CRC</b>	15:45	0
<b>Polystyrene Shipping Container</b>	15:34	0
<b>Daily Cover Shipping Container</b>	15:34	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: V.Curtin

Date: 4/04/2024