

# AWABA WASTE MANAGEMENT FACILITY

## SURFACE GAS MONITORING DATA SHEET

**Weather conditions** Wind: 1.55 m/s      24hr Rainfall: 4.8 mm      Temp: 23.1°C

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

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)
8 <sup>th</sup> February 2024	1:30 pm	-33.023751 151.549309	0
8 <sup>th</sup> February 2024	1:31 pm	-33.023831 151.549383	0
8 <sup>th</sup> February 2024	1:31 pm	-33.023657 151.549284	0
8 <sup>th</sup> February 2024	1:31 pm	-33.023657 151.549284	0
8 <sup>th</sup> February 2024	1:33 pm	-33.023571 151.549232	0
8 <sup>th</sup> February 2024	1:33 pm	-33.023438 151.549233	0
8 <sup>th</sup> February 2024	1:37 pm	-33.022591 151.550529	0
8 <sup>th</sup> February 2024	1:38 pm	-33.022684 151.550546	0
8 <sup>th</sup> February 2024	1:38 pm	-33.022962 151.550607	0
8 <sup>th</sup> February 2024	1:39 pm	-33.022706 151.550810	0
8 <sup>th</sup> February 2024	1:40 pm	-33.022439 151.550704	0
8 <sup>th</sup> February 2024	1:41 pm	-33.022145 151.550714	0
8 <sup>th</sup> February 2024	1:45 pm	-33.020497 151.552765	0
8 <sup>th</sup> February 2024	1:46 pm	-33.020683 151.552655	0
8 <sup>th</sup> February 2024	1:46 pm	-33.020727 151.552547	0
8 <sup>th</sup> February 2024	1:47 pm	-33.020706 151.552315	0
8 <sup>th</sup> February 2024	1:48 pm	-33.020534 151.552405	0
8 <sup>th</sup> February 2024	1:48 pm	-33.020476 151.552494	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: 08/02/2024

# AWABA WASTE MANAGEMENT FACILITY

## ACCUMULATION GAS MONITORING DATA SHEET

**Weather conditions** Wind: 1.55 m/s      24hr Rainfall: 4.8 mm      Temp: 23.1 °C  
**Meter Calibration** Previous: May 2023      Due: May 2024      Date monitored: 8/2/2024

LOCATION	TIME	COMB%LEL (METHANE) (CH4)
<i>Weighbridge</i>	12:46pm	0
<i>Green Storage Container</i>	1.17pm	0
<i>AWMF Office</i>	12.44pm	0
<i>AWMF Toilets and Washroom</i>	12:40pm	0
<i>AWMF Boardroom</i>	12:47pm	0
<i>AWMF Foyer</i>	12:47pm	0
<i>AWMF Lunchroom</i>	12:44pm	0
<i>AWMF Transfer Station</i>	1:00pm	0
<i>E-waste container</i>	12:49pm	0
<i>Shipping Container 1</i>	1:15pm	0
<i>Shipping Container 2</i>	1:15pm	0
<i>Shipping Container 3</i>	1:16pm	0

<b>Shipping Container 4</b>	1:16pm	0
<b>CRC</b>	12:55pm	0
<b>Polystyrene Shipping Container</b>	1:11pm	0
<b>Daily Cover Shipping Container</b>	1:10pm	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: 8/02/2024