

## AWABA WASTE MANAGEMENT FACILITY

### SURFACE GAS MONITORING DATA SHEET

**Weather conditions** Wind: 1.1 m/s      24hr Rainfall: 0 mm      Temp: 26.5°C

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

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)
1 <sup>st</sup> December 2023	11:29am	-33.023438 151.549251	0
1 <sup>st</sup> December 2023	11:30am	-33.023438 151.549243	0
1 <sup>st</sup> December 2023	11:31am	-33.023712 151.549365	0
1 <sup>st</sup> December 2023	11:32am	-33.023773 151.549477	0
1 <sup>st</sup> December 2023	11:33am	-33.023438 151.549251	0
1 <sup>st</sup> December 2023	11:37am	-33.022387 151.550698	0
1 <sup>st</sup> December 2023	11:38am	-33.022637 151.550564	0
1 <sup>st</sup> December 2023	11:39am	-33.022723 151.550512	0
1 <sup>st</sup> December 2023	11:39am	-33.022676 151.550810	0
1 <sup>st</sup> December 2023	11:39am	-33.022165 151.549780	0
1 <sup>st</sup> December 2023	11:39am	-33.022023 151.550758	0
1 <sup>st</sup> December 2023	11:42am	-33.020376 151.552380	0
1 <sup>st</sup> December 2023	10:42am	-33.020406 151.552173	0
1 <sup>st</sup> December 2023	11:43am	-33.020445 151.552418	0
1 <sup>st</sup> December 2023	11:43am	-33.020730 151.552326	0
1 <sup>st</sup> December 2023	11:44am	-33.020752 151.552521	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).

Date: 1 December 2023

Test conducted by: V.Curtin

**AWABA WASTE MANAGEMENT FACILITY**  
**ACCUMULATION GAS MONITORING DATA SHEET**

**Weather conditions** Wind: 1.1m/s      24hr Rainfall: 0mm      Temp: 26.5 C

**Meter Calibration** Previous: May 2023      Due: May 2024      Date monitored: 1/12/2023

LOCATION	TIME	COMB%LEL (METHANE) (CH4)
<i>Weighbridge</i>	10:16am	0
<i>Green Storage Container</i>	10:45am	0
<i>AWMF Office</i>	10:15am	0
<i>AWMF Toilets and Washroom</i>	10:14am	0
<i>AWMF Boardroom</i>	10:20am	0
<i>AWMF Foyer</i>	10:13am	0
<i>AWMF Lunchroom</i>	10:12am	0
<i>AWMF Transfer Station</i>	10:35am	0
<i>E-waste container</i>	10:25am	0
<i>Shipping Container 1</i>	11:15am	0
<i>Shipping Container 2</i>	11:15am	0
<i>Shipping Container 3</i>	11:15am	0

<b>Shipping Container 4</b>	11:15am	0
<b>CRC</b>	10:25am	0
<b>Polystyrene Shipping Container</b>	10:45am	0
<b>Daily Cover Shipping Container</b>	10:50am	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: 1 December 2023