

AWABA WASTE MANAGEMENT FACILITY

ACCUMULATION GAS MONITORING DATA SHEET

Weather Conditions Wind: 1.87m/s 24hr Rainfall: 0mm Temp: 22.2°C

Meter Calibration Previous: May 2024 Due: May 2025

LOCATION	TIME	COMB%LEL (METHANE) (CH4)
<i>Weighbridge</i>	7:45am	0
<i>Green Storage Container</i>	8:10am	0
<i>AWMF Office</i>	7:45am	0
<i>AWMF Toilets and Washroom</i>	7:45am	0
<i>AWMF Boardroom</i>	7:45am	0
<i>AWMF Foyer</i>	7:45am	0
<i>AWMF Lunchroom</i>	7:45am	0
<i>AWMF Transfer Station</i>	7:55am	0
<i>E-waste container</i>	7:50am	
<i>Shipping Container 1</i>	8:52am	0
<i>Shipping Container 2</i>	8:10am	0
<i>Shipping Container 3</i>	8:10am	0

Shipping Container 4	8:52am	0
CRC	7:50am	0
Polystyrene Shipping Container	8:15am	0
Daily Cover Shipping Container	8:15am	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: 20/09/2024

AWABA WASTE MANAGEMENT FACILITY

SURFACE GAS MONITORING DATA SHEET

Weather Conditions Wind: 1.87m/s 24hr Rainfall: 0mm Temp: 22.2°C

Meter Calibration Previous: May 2024 Due: May 2025

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)
20 th September 2024	8:28am	-33.023607, 151.552063	0
20 th September 2024	8:28am	-33.023552, 151.551835	0
20 th September 2024	8:29am	-33.023327, 151.551613	0
20 th September 2024	8:31am	-33.022719, 151.551251	0
20 th September 2024	8:32am	-33.022069, 151.550917	0
20 th September 2024	8:34am	-33.022432, 151.550544	0
20 th September 2024	8:35am	-33.022960, 151.550492	0
20 th September 2024	8:36am	-33.023234, 151.550153	0
20 th September 2024	8:37am	-33.022830, 151.550893	0
20 th September 2024	9:00am	-33.021926, 151.549626	0
20 th September 2024	9:01am	-33.021917, 151.549403	0
20 th September 2024	9:02am	-33.022229, 151.549337	0
20 th September 2024	9:03am	-33.022530, 151.549351	0
20 th September 2024	9:04am	-33.022895, 151.549268	0
20 th September 2024	9:17am	-33.023782, 151.549456	0
20 th September 2024	9:18am	-33.024143, 151.549816	0
20 th September 2024	9:19am	-33.024116, 151.550371	0
20 th September 2024	9:19am	-33.024146, 151.550746	0
20 th September 2024	9:20am	-33.024286, 151.551156	0
20 th September 2024	9:21am	-33.024230, 151.551815	0
20 th September 2024	9:22am	-33.024554, 151.552417	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: 20/09/2024