

AWABA WASTE MANAGEMENT FACILITY

SURFACE GAS MONITORING DATA SHEET

Weather Conditions Wind: 2.16m/s 24hr Rainfall: 26mm Temp: 18.3°C

Meter Calibration Previous: May 2024 Due: May 2025

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)
25 th October 2024	8:34am	-33.023675 151.551955	0
25 th October 2024	8:35am	-33.023299 151.551834	0
25 th October 2024	8:37am	33.022546 151.551094	0
25 th October 2024	8:39am	-33.022608 151.550521	0
25 th October 2024	8:40am	-33.023020 151.550385	0
25 th October 2024	8:41am	-33.023335 151.550067	0
25 th October 2024	8:43am	-33.022960 151.550673	0
25 th October 2024	8:46am	-33.022243 151.550501	0
25 th October 2024	8:46am	-33.021861 151.550565	0
25 th October 2024	8:47am	-33.021480 151.550583	0
25 th October 2024	8:49am	-33.021855 151.549959	0
25 th October 2024	8:52am	-33.021773 151.549506	0
25 th October 2024	8:54am	-33.022254 151.549306	0
25 th October 2024	8:54am	-33.022654 151.549373	0
25 th October 2024	8:55am	-33.022934 151.549237	0
25 th October 2024	8:57am	-33.023816 151.549456	0
25 th October 2024	8:58am	-33.024124 151.550010	0
25 th October 2024	9:00am	-33.024252 151.550884	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: 25/10/2024

AWABA WASTE MANAGEMENT FACILITY

ACCUMULATION GAS MONITORING DATA SHEET

Weather Conditions Wind: 2.30m/s 24hr Rainfall: 0mm Temp: 23.6°C

Meter Calibration Previous: May 2024 Due: May 2025

LOCATION	TIME	COMB%LEL (METHANE) (CH4)
<i>Weighbridge</i>	9:10am	0
<i>Green Storage Container</i>	9:30am	0
<i>AWMF Office</i>	9:00am	0
<i>AWMF Toilets and Washroom</i>	9:00am	0
<i>AWMF Boardroom</i>	9:00am	0
<i>AWMF Foyer</i>	9:00am	0
<i>AWMF Lunchroom</i>	9:00am	0
<i>AWMF Transfer Station</i>	9:45am	0
<i>E-waste container</i>	9:15am	
<i>Shipping Container 1</i>	9:30am	0
<i>Shipping Container 2</i>	9:30am	0
<i>Shipping Container 3</i>	9:30am	0

Shipping Container 4	9:30am	0
CRC	9:15am	0
Polystyrene Shipping Container	9:15am	0
Daily Cover Shipping Container	9:30am	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: 24/10/2024