

AWABA WASTE MANAGEMENT FACILITY

SURFACE GAS MONITORING DATA SHEET

Weather Conditions Wind: 1.55m/s 24hr Rainfall: 7.4mm Temp: 29.3°C

Meter Calibration Previous: May 2024 Due: May 2025

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)
29 th November 2024	10:20am	-33.024368 151.552460	0
29 th November 2024	10:21am	-33.023899 151.552191	0
29 th November 2024	10:22am	-33.023380 151.551869	0
29 th November 2024	10:24am	-33.022959 151.551293	0
29 th November 2024	10:25am	-33.021852 151.550884	0
29 th November 2024	10:27	-33.022500 151.550644	0
29 th November 2024	10:28am	-33.022881 151.550884	0
29 th November 2024	10:30am	-33.022158 151.550459	0
29 th November 2024	10:31am	-33.021646 151.550630	0
29 th November 2024	10:32am	-33.021589 151.550151	0
29 th November 2024	10:33am	-33.021925 151.549916	0
29 th November 2024	10:34am	-33.021870 151.549328	0
29 th November 2024	10:35am	-33.022264 151.549298	0
29 th November 2024	10:35am	-33.022609 151.549348	0
29 th November 2024	10:37am	-33.023407 151.549235	0
29 th November 2024	10:38am	-33.024001 151.549671	0
29 th November 2024	10:39am	-33.024108 151.550081	0
29 th November 2024	10:40am	-33.024141 151.550481	0
29 th November 2024	10:40am	-33.024197 151.550864	0
29 th November 2024	10:42am	-33.024198 151.551752	0
29 th November 2024	10:43am	-33.024637 151.552495	0
29 th November 2024	10:56am	-33.020545 151.552057	0
29 th November 2024	10:58am	-33.020770 151.552342	0
29 th November 2024	10:58am	-33.020729 151.552513	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: 29/11/2024

AWABA WASTE MANAGEMENT FACILITY

ACCUMULATION GAS MONITORING DATA SHEET

Weather Conditions Wind: 0.86m/s 24hr Rainfall: 0mm Temp: 29.1°C

Meter Calibration Previous: May 2024 Due: May 2025

LOCATION	TIME	COMB%LEL (METHANE) (CH4)
<i>Weighbridge</i>	10:20am	0
<i>Green Storage Container</i>	10:50am	0
<i>AWMF Office</i>	10:15am	0
<i>AWMF Toilets and Washroom</i>	10:15am	0
<i>AWMF Boardroom</i>	10:15am	0
<i>AWMF Foyer</i>	10:15am	0
<i>AWMF Lunchroom</i>	10:15am	0
<i>AWMF Transfer Station</i>	10:50am	0
<i>E-waste container</i>	10:30am	
<i>Shipping Container 1</i>	10:55am	0
<i>Shipping Container 2</i>	10:55am	0
<i>Shipping Container 3</i>	10:55am	0

Shipping Container 4	10:55am	0
CRC	10:30am	0
Polystyrene Shipping Container	10:30am	0
Daily Cover Shipping Container	11:10am	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: 25/11/2024