

AWABA WASTE MANAGEMENT FACILITY

SURFACE GAS MONITORING DATA SHEET

Weather conditions Wind: 1.12 m/s 24hr Rainfall: 2.7 mm Temp: 26°C

Meter Calibration Previous: May 2023 Due: May 2024

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)
12 th January 2024	11:21am	-33.020340 151.552433	0
12 th January 2024	11:22am	-33.020386 151.552526	0
12 th January 2024	11:22am	-33.020482 151.552508	0
12 th January 2024	11:23am	-33.020570 151.552320	0
12 th January 2024	11:24am	-33.020757 151.552524	0
12 th January 2024	11:25am	-33.020612 151.552768	0
12 th January 2024	11:25am	-33.020441 151.552700	0
12 th January 2024	11:33am	-33.022506 151.550558	0
12 th January 2024	11:34am	-33.022695 151.550530	0
12 th January 2024	11:35am	-33.022911 151.550703	0
12 th January 2024	11:35am	-33.022750 151.550816	0
12 th January 2024	11:36am	-33.022660 151.550791	0
12 th January 2024	11:38am	-33.021843 151.550919	0
12 th January 2024	11:39am	-33.022200 151.550803	0
12 th January 2024	11:44am	-33.023570 151.549221	0
12 th January 2024	11:45am	-33.023473 151.549210	0
12 th January 2024	11:45am	-33.023382 151.549169	0
12 th January 2024	11:47am	-33.023813 151.549373	0
12 th January 2024	11:46am	-33.023647 151.549273	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: 12/01/2024

AWABA WASTE MANAGEMENT FACILITY

ACCUMULATION GAS MONITORING DATA SHEET

Weather conditions Wind: 1.12 m/s 24hr Rainfall: 2.7 mm Temp: 26°C

Meter Calibration Previous: May 2023 Due: May 2024 Date monitored: 12/01/2024

LOCATION	TIME	COMB%LEL (METHANE) (CH4)
<i>Weighbridge</i>	9:38 am	0
<i>Green Storage Container</i>	10:15 am	0
<i>AWMF Office</i>	9:30am	0
<i>AWMF Toilets and Washroom</i>	9:32am	0
<i>AWMF Boardroom</i>	9:33am	0
<i>AWMF Foyer</i>	9:31am	0
<i>AWMF Lunchroom</i>	9:32am	0
<i>AWMF Transfer Station</i>	10:00 am	0
<i>E-waste container</i>	9:36 am	0
<i>Shipping Container 1</i>	10:16 am	0
<i>Shipping Container 2</i>	10:17 am	0
<i>Shipping Container 3</i>	10:18 am	0

Shipping Container 4	10:19 am	0
CRC	9:35 am	0
Polystyrene Shipping Container	10:22 am	0
Daily Cover Shipping Container	10:23 am	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: 12/01/2024