

AWABA WASTE MANAGEMENT FACILITY

SURFACE GAS MONITORING DATA SHEET

Weather conditions Wind: 2.4 m/s 24hr Rainfall: 28.2 mm Temp: 28.7°C

Meter Calibration Previous: May 2023 Due: May 2024

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)
6 th November 2023	10:21am	-33.021950 151.550877	0
6 th November 2023	10:21am	-33.022232 151.550647	0
6 th November 2023	10:22am	-33.022550 151.550544	0
6 th November 2023	10:23am	-33.022949 151.550722	0
6 th November 2023	10:24am	-33.022389 151.550730	0
6 th November 2023	10:30am	-33.020155 151.552207	0
6 th November 2023	10:31am	-33.019913 151.552344	0
6 th November 2023	10:32am	-33.020445 151.552259	0
6 th November 2023	10:33am	-33.020280 151.552781	0
6 th November 2023	10:35am	-33.020735 151.552579	0
6 th November 2023	10:35am	-33.020871 151.552476	0
6 th November 2023	10:45am	-33.022165 151.549780	0
6 th November 2023	10:46am	-33.022112 151.549945	0
6 th November 2023	10:48am	-33.021927 151.550015	0
6 th November 2023	10:49am	-33.022713 151.549408	0
6 th November 2023	10:52am	-33.023777 151.549496	0
6 th November 2023	10:54am	-33.024122 151.550393	0
6 th November 2023	10:55am	-33.024201 151.551719	0
6 th November 2023	10:57am	-33.024595 151.552516	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: 06/11/2023

AWABA WASTE MANAGEMENT FACILITY

ACCUMULATION GAS MONITORING DATA SHEET

Weather conditions Wind: 1.24 m/s 24hr Rainfall: 28.8 mm Temp: 24.2 C

Meter Calibration Previous: November 2023 Due: November 2024 Date monitored: 6/11/2023

LOCATION	TIME	COMB%LEL (METHANE) (CH4)
<i>Weighbridge</i>	9:50 am	0
<i>Green Storage Container</i>	9:55 am	0
<i>AWMF Office</i>	9:30am	0
<i>AWMF Toilets and Washroom</i>	9:31am	0
<i>AWMF Boardroom</i>	9:34am	0
<i>AWMF Foyer</i>	9:33am	0
<i>AWMF Lunchroom</i>	9:33am	0
<i>AWMF Transfer Station</i>	9:51 am	0
<i>E-waste container</i>	9:35am	0
<i>Shipping Container 1</i>	9:56 am	0
<i>Shipping Container 2</i>	9:57 am	0
<i>Shipping Container 3</i>	9:58 am	0

Shipping Container 4	9:59 am	0
CRC	9:37 am	0
Daily Cover Shipping Container	10:0 am	0
Daily Cover Shipping Container	10:01 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: 6/11/2023