

AWABA WASTE MANAGEMENT FACILITY

SURFACE GAS MONITORING DATA SHEET

Weather conditions Wind: 0.74 m/s 24hr Rainfall: 3.6 mm Temp: 23.4°C

Meter Calibration Previous: May 2023 Due: May 2024

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)
18 th March 2024	10:10	-33.020459 151.552640	0
18 th March 2024	10:11	-33.020486 151.552529	0
18 th March 2024	10:11	-33.020537 151.552435	0
18 th March 2024	10:11	-33.020583 151.552333	0
18 th March 2024	10:12	-33.020686 151.552337	0
18 th March 2024	10:12	-33.020776 151.552366	0
18 th March 2024	10:12	-33.020779 151.552487	0
18 th March 2024	10:13	-33.020687 151.552536	0
18 th March 2024	10:13	-33.020627 151.552622	0
18 th March 2024	10:18	-33.023692 151.549310	0
18 th March 2024	10:19	-33.023597 151.549288	0
18 th March 2024	10:19	-33.023509 151.549248	0
18 th March 2024	10:25	-33.022665 151.550532	0
18 th March 2024	10:26	-33.022757 151.550532	0
18 th March 2024	10:20	-33.023424 151.549213	0
18 th March 2024	10:29	-33.021869 151.550927	0
18 th March 2024	10:31	-33.022364 151.550589	0
18 th March 2024	10:32	-33.022551 151.550568	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: 18/03/2024

AWABA WASTE MANAGEMENT FACILITY

ACCUMULATION GAS MONITORING DATA SHEET

Weather conditions Wind: 0.74 m/s 24hr Rainfall: 3.6 mm Temp: 23.4 °C
Meter Calibration Previous: May 2023 Due: May 2024 Date monitored: 18/3/2024

LOCATION	TIME	COMB%LEL (METHANE) (CH4)
<i>Weighbridge</i>	09:45	0
<i>Green Storage Container</i>	10:15	0
<i>AWMF Office</i>	09:43	0
<i>AWMF Toilets and Washroom</i>	09:43	0
<i>AWMF Boardroom</i>	09:43	0
<i>AWMF Foyer</i>	09:43	0
<i>AWMF Lunchroom</i>	09:43	0
<i>AWMF Transfer Station</i>	10:00	0
<i>E-waste container</i>	09:50	0
<i>Shipping Container 1</i>	10:14	0
<i>Shipping Container 2</i>	10:16	0
<i>Shipping Container 3</i>	10:17	0

Shipping Container 4	10:18	0
CRC	09:52	0
Polystyrene Shipping Container	10:20	0
Daily Cover Shipping Container	10:20	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: 18/03/2024