

AWABA WASTE MANAGEMENT FACILITY

SURFACE GAS MONITORING DATA SHEET

Weather conditions Wind: 0.12 m/s 24hr Rainfall: 3 mm Temp: 19.0°C

Meter Calibration Previous: May 2023 Due: May 2024

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)
14 th May 2024	11:04	-33.023569 151.549303	0
14 th May 2024	11:05	-33.023647 151.549359	0
14 th May 2024	11:05	-33.023386 151.549237	0
14 th May 2024	11:06	-33.023303 151.549192	0
14 th May 2024	11:06	-33.023410 151.549236	0
14 th May 2024	11:10	-33.022630 151.550463	0
14 th May 2024	11:11	-33.022827 151.550707	0
14 th May 2024	11:11	-33.022803 151.550867	0
14 th May 2024	11:16	-33.022015 151.550722	0
14 th May 2024	11:17	-33.022015 151.550722	0
14 th May 2024	11:17	-33.022354 151.550588	0
14 th May 2024	11:21	-33.020646 151.552603	0
14 th May 2024	11:22	-33.020818 151.552541	0
14 th May 2024	11:23	-33.020807 151.552404	0
14 th May 2024	11:23	-33.020739 151.552319	0
14 th May 2024	11:24	-33.020555 151.552313	0
14 th May 2024	11:24	-33.020488 151.552392	0
14 th May 2024	11:25	-33.020564 151.552649	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: 14/05/2024

AWABA WASTE MANAGEMENT FACILITY

ACCUMULATION GAS MONITORING DATA SHEET

Weather conditions Wind: 0.12 m/s 24hr Rainfall: 3 mm Temp: 19 °C
Meter Calibration Previous: May 2023 Due: May 2024 Date monitored: 14/05/2024

LOCATION	TIME	COMB%LEL (METHANE) (CH4)
<i>Weighbridge</i>	10:20	0
<i>Green Storage Container</i>	10:43	0
<i>AWMF Office</i>	10:15	0
<i>AWMF Toilets and Washroom</i>	10:15	0
<i>AWMF Boardroom</i>	10:16	0
<i>AWMF Foyer</i>	10:16	0
<i>AWMF Lunchroom</i>	10:17	0
<i>AWMF Transfer Station</i>	10:30	0
<i>E-waste container</i>	10:25	0
<i>Shipping Container 1</i>	10:40	0
<i>Shipping Container 2</i>	10:41	0
<i>Shipping Container 3</i>	10:41	0

Shipping Container 4	10:42	0
CRC	10:27	0
Polystyrene Shipping Container	10:50	0
Daily Cover Shipping Container	10:51	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: 14/05/2024