

# AWABA LANDFILL FACILITY

## ACCUMULATION GAS MONITORING DATA SHEET

Weather conditions Wind: 5 km/h 24hr Rainfall: 0 Temp: 30°C

Meter Calibration Previous: 8/2/18 Due: 5/4/18 Date monitored: 14/2/18

LOCATION	TIME	COMB%LEL (METHANE)	OXYGEN %	HYDROGEN SULPHIDE PPM	CARBON MONOXIDE PPM
<b>Gatehouse</b>	<u>11:15</u>				
NE CORNER		<u>0</u>	<u>20.2</u>	<u>0</u>	<u>0</u>
NW CORNER		<u>0</u>	<u>20.2</u>	<u>0</u>	<u>0</u>
CENTER		<u>0</u>	<u>20.2</u>	<u>0</u>	<u>0</u>
SE CONRER		<u>0</u>	<u>20.2</u>	<u>0</u>	<u>0</u>
SW CORNER		<u>0</u>	<u>20.2</u>	<u>0</u>	<u>0</u>
<b>Recycle Shed</b>	<u>11:10</u>				
FRONT		<u>0</u>	<u>20.1</u>	<u>0</u>	<u>1</u>
CENTER		<u>0</u>	<u>20.1</u>	<u>0</u>	<u>1</u>
BACK		<u>0</u>	<u>20.1</u>	<u>0</u>	<u>1</u>
<b>Machinery Shed</b>	<u>Could not gain access</u>				
FRONT	<u>N/A</u>				
CENTER	<u>N/A</u>				
BACK	<u>N/A</u>				
<b>Green Storage Container</b>	<u>10:50</u>				
FRONT		<u>0</u>	<u>20.0</u>	<u>0</u>	<u>1</u>
CENTER		<u>0</u>	<u>20.0</u>	<u>0</u>	<u>1</u>
BACK		<u>0</u>	<u>20.0</u>	<u>0</u>	<u>1</u>
<b>Lake Mac Office</b>	<u>11:02</u>				
NE CORNER		<u>0</u>	<u>20.0</u>	<u>0</u>	<u>0</u>
NW CORNER		<u>0</u>	<u>20.0</u>	<u>0</u>	<u>0</u>
CENTER		<u>0</u>	<u>20.1</u>	<u>0</u>	<u>0</u>

SE CONRER		0	20-1	0	0
SW CORNER		0	20-1	0	0
<b>Lake Mac Toilet</b>	10:55				
FRONT		0	20-0	0	0
CENTER		0	20-0	0	0
BACK		0	20-0	0	0
<b>Daracon Office</b>	10:57	0			
FRONT		0	20	0	0
CENTER		0	20	0	0
BACK		0	20	0	0
<b>Daracon Meeting room</b>	10:58				
FRONT		0	20	0	0
CENTER		0	20	0	0
BACK		0	20	0	0
<b>Daracon Lunchroom</b>	11:00				
NE CORNER		0	20-2	0	0
NW CORNER		0	20-2	0	0
CENTER		0	20-2	0	0
SE CONRER		0	20-2	0	0
SW CORNER		0	20-2	0	0
<b>Daracon Toilet</b>	11:00				
FRONT		0	20-1	0	0
CENTER		0	20-1	0	0
BACK		0	20-1	0	0

<b>E-waste container</b>	11:15				
FRONT		0	20.1	0	0
CENTER		0	20.1	0	0
BACK		0	20.1	0	0
<b>New Reuse Shed 1</b>	10:35				
NE CORNER		0	19.9	0	0
NW CORNER		0	19.9	0	0
CENTER		0	19.9	0	0
SE CONRER		0	19.9	0	0
SW CORNER		0	19.9	0	0
<b>New Reuse Shed 2</b>	10:39				
NE CORNER		0	19.9	0	0
NW CORNER		0	19.9	0	0
CENTER		0	19.9	0	0
SE CONRER		0	19.9	0	0
SW CORNER		0	19.9	0	0
<b>New Reuse Shed 3</b>	10:42				
NE CORNER		0	19.9	0	0
NW CORNER		0	19.9	0	0
CENTER		0	19.9	0	0
SE CONRER		0	19.9	0	0
SW CORNER		0	19.9	0	0
<b>New Reuse Shed 4</b>	10:45				
NE CORNER		0	19.9	0	0
NW CORNER		0	19.9	0	0
CENTER		0	19.9	0	0

SE CONRER		0	19.9	0	0
SW CORNER		0	19.9	0	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 gases as low as 1ppm (parts per million).

Testing conducted by: *James McNamara* Date: *14-02-2018*

## AWABA LANDFILL FACILITY

### SURFACE GAS MONITORING DATA SHEET

Weather conditions Wind: 3 kmph 24hr Rainfall: 0 Temp: 28.2 °C

Meter Calibration Previous: 8/2/18 Due: 5/4/19

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH <sub>4</sub> )	OXYGEN% (O <sub>2</sub> )	HYDROGEN SULPHIDE (H <sub>2</sub> S)	CARBON MONOXIDE (CO)
14-2-18	9:35	Back Pond-W	0	20.4	0	0
	9:45	Back Pond-N	0	20	0	0
	9:47	Back Pond-S	0	19.7	0	0
14-2-18	9:50	Old access road-W	0	19.5	0	0
	9:52	Old access rd-N	0	19.1	0	0
	9:54	Old access Rd-S	0	19.0	1	0
	9:56	Old access Rd-E	0	19.0	1	0
14-2-18	10:05	Tip face-N1	0	19.2	0	0
	10:10	Tip face-N2	0	19.4	1	0
	10:15	Tip face-N3	0	19.5	0	1
	10:20	Tip face-W	0	19.6	0	0
	10:25	Tip face-S1	0	19.6	0	0
	10:30	Tip face-S2	0	19.6	0	0
	10:35	Tip face-S3	0	19.7	0	0
	10:40	Tip face-E	0	19.7	0	0
14-2-18	11:20	Leachate Pond 1	0	20.1	0	0
		Leachate Pond 2	0	20	0	0
		Leachate Pond 3	0	20.1	0	0

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