

# AWABA LANDFILL FACILITY

## ACCUMULATION GAS MONITORING DATA SHEET

Weather conditions Wind: 5 km/h 24hr Rainfall: 2mm Temp: 17°C  
 Meter Calibration Previous: 26/06/18 Due: 13/07/18 Date monitored: 28/06/18

LOCATION	TIME	COMB%LEL (METHANE) (CH4)	OXYGEN % (O <sup>2</sup> )	CARBON MONOXIDE PPM (CO)	HYDROGEN SULPHIDE PPM (H <sub>2</sub> S)
<b>Gatehouse</b>	<u>11:50</u>				
NE CORNER		<u>0</u>	<u>20.1</u>	<u>0</u>	<u>0</u>
NW CORNER		<u>0</u>	<u>20.1</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>20.1</u>	<u>0</u>	<u>0</u>
SW CORNER		<u>0</u>	<u>20.1</u>	<u>0</u>	<u>0</u>
<b>Recycle shed</b>	N/A	No longer in use as part of contract			
FRONT					
CENTER					
BACK					
<b>Machinery Shed</b>	N/A	No longer in use as part of contract			
FRONT					
CENTER					
BACK					
<b>Green Storage Container</b>	<u>11:07</u>				
FRONT		<u>0</u>	<u>19.7</u>	<u>0</u>	<u>1</u>
CENTER		<u>0</u>	<u>19.7</u>	<u>0</u>	<u>1</u>
BACK		<u>0</u>	<u>19.7</u>	<u>0</u>	<u>1</u>
<b>Lake Mac Office</b>	<u>1:30</u>				
NE CORNER		<u>0</u>	<u>20.8</u>	<u>0</u>	<u>0</u>

NW CORNER		0	20-8	0	0
CENTER		0	20-8	0	0
SE CONRER		0	20-8	0	0
SW CORNER		0	20-8	0	0
<b>Lake Mac Toilet</b>	1:35				
FRONT		0	20-8	0	0
CENTER		0	20-8	0	0
BACK		0	20-8	0	0
<b>Daracon Office</b>	1:37				
FRONT		0	20-8	0	0
CENTER		0	20-8	0	0
BACK		0	20-8	0	0
<b>Daracon Meeting room</b>	1:40				
FRONT		0	20-8	0	0
CENTER		0	20-8	0	0
BACK		0	20-8	0	0
<b>Daracon Lunchroom</b>	1:42				
FRONT		0	20-8	0	0
CENTER		0	20-8	0	0
BACK		0	20-8	0	0
<b>Daracon Toilet</b>	1:45				
FRONT		0	20-2	0	1
CENTER		0	20-2	0	1
BACK		0	20-2	0	1

<b>E-waste container</b>	11:25				
FRONT		0	20.2	0	1
CENTER		0	20.2	0	1
BACK		0	20.2	0	1
<b>New Reuse Shed 1</b>	11:15				
FRONT		0	20.0	0	1
CENTER		0	20.0	0	1
BACK		0	20.0	0	1
<b>New Reuse Shed 2</b>	11:17				
FRONT		0	20.2	0	1
CENTER		0	20.2	0	1
BACK		0	20.2	0	1
<b>New Reuse Shed 3</b>	11:19				
FRONT		0	20.1	0	1
CENTER		0	20.1	0	1
BACK		0	20.1	0	1
<b>New Reuse Shed 4</b>	11:21				
FRONT		0	20.1	0	1
CENTER		0	20.1	0	1
BACK		0	20.1	0	1

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: J. McNamee Date: 28/06/18

## AWABA LANDFILL FACILITY

### SURFACE GAS MONITORING DATA SHEET

Weather conditions Wind: 5 km/h 24hr Rainfall: 2mm Temp: 17°C

Meter Calibration Previous: 26/06/18 Due: 13/07/18

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH4)	OXYGEN % (O <sub>2</sub> )	CARBON MONOXIDE (CO)	HYDROGEN SULPHIDE (H <sub>2</sub> S)
28/6/18	9:55	33°1'33"S 151°33'5"E	0	19.6	0	0
	10:00	33°1'22"S 151°33'6"E	0	19.6	0	1
	10:05	33°1'20"S 151°33'4"E	0	19.5	0	1
	10:10	33°1'18"S 151°33'3"E	0	19.4	0	1
	10:12	33°1'20"S 151°33'3"E	0	19.4	0	1
	10:14	33°1'19"S 151°33'1"E	0	19.4	0	1
	10:16	33°1'22"S 151°33'4"E	0	19.4	0	1
	10:18	33°1'33"S 151°33'5"E	0	19.5	0	1
	10:30	33°1'15"S 151°33'4"E	0	19.7	0	0
	10:35	33°1'15"S 151°33'2"E	0	19.6	0	0
	10:40	33°1'15"S 151°33'6"E	0	19.5	0	1
	10:45	33°1'15"S 151°33'6"E	0	19.4	0	1
	10:50	33°1'15"S 151°33'6"E	0	19.4	0	1
	10:52	33°1'15"S 151°33'6"E	0	19.3	0	1
	10:55	33°1'16"S 151°33'9"E	0	19.5	0	1
	11:00	33°1'19"S 151°33'7"E	0	19.5	0	1
	11:05	33°1'21"S 151°33'11"E	0	19.6	0	1
	11:10	33°1'27"S 151°33'10"E	0	19.9	0	1
	11:30	33°1'31"S 151°33'1"E	0	20.5	0	0
	11:35	33°1'33"S 151°33'5"E	0	20.5	0	0
	11:40	33°1'32"S 151°33'2"E	0	20.4	0	0

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH <sub>4</sub> )	OXYGEN % (O <sub>2</sub> )	CARBON MONOXIDE (CO)	HYDROGEN SULPHIDE (H <sub>2</sub> S)
28/06/18	12:05	33° 1' 32" S 151° 33' 6" E	40	20.8	0	0
	12:30	33° 1' 32" S 151° 33' 6" E	75	20.8	0	0
	12:35	33° 1' 32" S 151° 33' 6" E	4	20.8	0	0

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Testing conducted by: J. McNamara ..... Date: 28/06/18 .....