

AWABA LANDFILL FACILITY

ACCUMULATION GAS MONITORING DATA SHEET

Weather conditions Wind: 4-6 km/h 24hr Rainfall: 0mm Temp: 22°C

Meter Calibration Previous: 3-05-18 Due: 6-07-18 Date monitored: 8-05-18

LOCATION	TIME	COMB%LEL (METHANE) (CH4)	OXYGEN % (O ²)	CARBON MONOXIDE PPM (CO)	HYDROGEN SULPHIDE PPM (H ₂ S)
Gatehouse	<u>12:25</u>	<u>0.1</u>	<u>21.2</u>	<u>1</u>	<u>0</u>
NE CORNER		<u>0.1</u>	<u>21.2</u>	<u>1</u>	<u>0</u>
NW CORNER		<u>0.1</u>	<u>21.2</u>	<u>1</u>	<u>0</u>
CENTER		<u>0.1</u>	<u>21.2</u>	<u>1</u>	<u>0</u>
SE CONRER		<u>0.1</u>	<u>21.2</u>	<u>1</u>	<u>0</u>
SW CORNER		<u>0.1</u>	<u>21.2</u>	<u>1</u>	<u>0</u>
Recycle shed	N/A	No longer in use as part of contract			
FRONT					
CENTER					
BACK					
Machinery Shed	N/A	No longer in use as part of contract			
FRONT					
CENTER					
BACK					
Green Storage Container					
FRONT	<u>12:50</u>	<u>0</u>	<u>21.2</u>	<u>1</u>	<u>0</u>
CENTER		<u>0</u>	<u>21.2</u>	<u>1</u>	<u>0</u>
BACK		<u>0</u>	<u>21.2</u>	<u>1</u>	<u>0</u>
Lake Mac Office	<u>1:05</u>	<u>0</u>	<u>21.1</u>	<u>1</u>	<u>0</u>
NE CORNER		<u>0</u>	<u>21.1</u>	<u>1</u>	<u>0</u>

NW CORNER		0	21-1	1	0
CENTER		0	21-1	1	0
SE CONRER		0	21-1	1	0
SW CORNER		0	21-1	1	0
Lake Mac Toilet					
FRONT	1:10	0	21-1	1	0
CENTER		0	21-1	1	0
BACK		0	21-1	1	0
Daracon Office					
FRONT	1:12	0	21-2	1	0
CENTER		0	21-2	1	0
BACK		0	21-2	1	0
Daracon Meeting room					
FRONT	1:14	0	21-2	1	0
CENTER		0	21-2	1	0
BACK		0	21-2	1	0
Daracon Lunchroom					
NE CORNER	1:16	0	21-3	1	0
NW CORNER		0	21-3	1	0
CENTER		0	21-3	1	0
SE CONRER		0	21-3	1	0
SW CORNER		0	21-3	1	0
Daracon Toilet					
FRONT	1:18	0	21-3	1	0
CENTER		0	21-3	1	0

BACK		0	21-3	1	0
E-waste container	12:46				
FRONT		0	21-3	1	0
CENTER		0	21-3	1	0
BACK		0	21-3	1	0
New Reuse Shed 1					
NE CORNER	12:44	0	21-3	1	0
NW CORNER		0	21-3	1	0
CENTER		0	21-3	1	0
SE CONRER		0	21-3	1	0
SW CORNER		0	21-3	1	0
New Reuse Shed 2					
NE CORNER	12:42	0	21-3	1	0
NW CORNER		0	21-3	1	0
CENTER		0	21-3	1	0
SE CONRER		0	21-3	1	0
SW CORNER		0	21-3	1	0
New Reuse Shed 3					
NE CORNER	12:40	0	21-3	1	0
NW CORNER		0	21-3	1	0
CENTER		0	21-3	1	0
SE CONRER		0	21-3	1	0
SW CORNER		0	21-3	1	0
New Reuse Shed 4					
NE CORNER	12:35	0-1	21-3	1	0

NW CORNER		0-1	21.3	1	0
CENTER		0-1	21.3	1	0
SE CONRER		0-1	21.3	1	0
SW CORNER		0-1	21.3	1	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: J. McNamara Date: 8-05-18

AWABA LANDFILL FACILITY

SURFACE GAS MONITORING DATA SHEET

Weather conditions Wind: 4-6 km/h 24hr Rainfall: 0mm Temp: 19°C

Meter Calibration Previous: 3-05-18 Due: 6-07-18

DATE	TIME	LOCATION	COMB%LEL (METHANE) (CH ₄)	OXYGEN % (O ₂)	CARBON MONOXIDE (CO)	HYDROGEN SULPHIDE (H ₂ S)
8-05-18	10:00	33° 5' 40" S 151° 33' 5" E	0	20.8	1	0
	10:05	33° 1' 21" S 151° 33' 5" E	0	20.7	1	0
	10:07	33° 1' 19" S 151° 33' 5" E	0	20.7	1	0
	10:10	33° 1' 19" S 151° 33' 2" E	0	20.7	0	0
	10:15	33° 1' 20" S 151° 33' 0" E	0	20.7	0	0
	10:18	33° 1' 21" S 151° 33' 0" E	0	20.8	1	0
	10:30	33° 1' 14" S 151° 33' 5" E	0	21	1	0
	10:35	33° 1' 14" S 151° 33' 7" E	0	21	1	0
	10:38	33° 1' 16" S 151° 33' 7" E	0	20.9	1	0
	10:40	33° 1' 15" S 151° 33' 5" E	0	20.9	1	0
	10:42	33° 1' 16" S 151° 33' 5" E	0	20.9	1	0

	10:45	33° 1' 14" S 151° 33' 3" E	0	20.9	1	0
	11:00	32° 1' 18" S 151° 33' 9" E	0	21.1	1	0
	11:04	32° 1' 17" S 151° 33' 8" E	0	21.1	1	0
	11:08	33° 1' 21" S 151° 33' 9" E	0	21.1	1	0
	11:20	33° 1' 32" S 151° 33' 5" E	0-1	21.3	1	0
	11:25	33° 1' 31" S 151° 33' 1" E	0	21.3	1	0
	12:48	33° 1' 27" S 151° 33' 15" E	0	21.3	1	0
	2:00	33° 1' 30" S 151° 33' 7" E	0	21.2	1	0

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