

ALS ENVIRONMENTAL TEST REPORT GROUND GAS MONITORING RESULTS [Method COM07]

ALS Environmental
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Customer Name:	Caerphilly County Council	Address:	Pandy Lane, Llanbradach, Caerphilly, CF83 3RP
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Site:	Trehir Landfill Site	Date:	23/08/18	Operator:	C.Masters
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*** Weather Conditions:**

State of ground: ☐ Dry ☒ Moist ☐ Wet ☐ Snow ☐ Frozen
 Wind: ☒ Calm ☐ Light ☐ Moderate ☐ Strong
 Cloud cover: ☒ None ☐ Slight ☐ Cloudy ☐ Overcast
 Precipitation: ☒ None ☐ Slight ☐ Moderate ☐ Heavy

17°C

Ambient Air Concentration (%Vol)	CH ₄ Methane (%v/v)	CO ₂ Carbon Dioxide (%v/v)	O ₂ Oxygen (%v/v)	* Barometric Pressure (mbar)
Before	0.2	0.1	20.9	1008
After	0.0	0.0	20.9	1001

Borehole	Peak			Steady			Peak	Steady	Peak	Steady	* Flow Rate (l/hr)	* Relative Pressure (mbar)	* Barometric Pressure (mbar)
	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	* H ₂ S (ppm)	* H ₂ S (ppm)	* CO (ppm)	* CO (ppm)			
N2				0.1	0.4	20.6							1001
N4													
N5				0.0	1.2	20.1							1005
N6													
N8				0.0	0.1	20.9							1006
R8													
NBH1				0.0	0.2	20.1							1004



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* indicates determinand is not covered by UKAS accreditation
 † indicates determinand analysed by an external sub-contractor

Further information on methods is available on request
 The results relate only to the items tested.

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TEST REPORT
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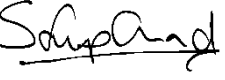
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	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	* H ₂ S (ppm)	* H ₂ S (ppm)	* CO (ppm)	* CO (ppm)			
NBH2				0.0	0.2	20.5							1005
NBH3				0.0	0.2	20.6							1006
NBH4				1.9	3.0	16.7							1002
NBH5				0.0	2.3	17.0							1000
NBH6				0.0	0.0	20.8							1001
NBH7 Front				0.0	0.1	20.7							1006
NBH7 Back													
NBH8				0.0	0.1	20.8							1006

Comments:

Gas Meter ID: 100 // Calibration due: 13.10.18

Signed:		Name:	S.Chand	Date:	23/08/18
		Title:	Project Manager		



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CQF1025

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