

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

ALS Environmental
Torrington Avenue
Coventry
CV49GU

Tel +44 (0)2476 421213
Fax +44 (0)2476 856565

Customer Name:	Caerphilly County Council	Address:	Pandy Lane, Llanbradach, Caerphilly, CF83 3RP
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Site:	Trehir Landfill Site	Date:	17/07/2018	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

19°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	0.0	0.1	20.9	1007
After	0.0	0.1	20.9	1006

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				0.0	0.5	20.6							1001
N4													
N5				0.0	0.9	20.2							1006
N6													
N8				0.0	0.4	20.6							1007
R8													
NBH1				0.0	0.5	20.0							1008



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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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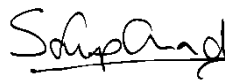
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	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	* H ₂ S (ppm)	* H ₂ S (ppm)	* CO (ppm)	* CO (ppm)			
NBH2				0.0	0.5	20.2							1006
NBH3				0.0	0.1	20.8							1005
NBH4				0.0	0.1	20.9							1004
NBH5				0.0	1.0	19.6							1004
NBH6				0.0	0.1	20.8							1004
NBH7 Front				0.0	0.1	20.9							1006
NBH7 Back				0.0	0.1	20.9							1008
NBH8				0.0	0.1	20.3							1007

Comments:

Gas Meter ID: 100 // Calibration due: 13.10.18

Signed:		Name:	S.Chand	Date:	17/07/18
		Title:	Project Manager		



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CQF1025

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