

Methane Emissions Survey Sheet – 31/01/24

Site	Hafod Landfill	Date	31/01/24	Time	in: 11:21 out: 15:00
Instrument	Gazomat Inspectra TDL (Serial No.: 2421011)	Test gas reading	-	Time	-
Next Calibration due		Background reading	2 ppm	Time	
Weather conditions:	Dry with a moderate breeze, generally blowing from a south-westerly direction.			Atm. Press.	
Survey Undertaken by:	Jamie Blythin & Stuart Ross				

General comments / observations

Survey Results				
Point ref.	Time	Methane Reading	Feature and / or Grid Reference	Description / Comment
Gas compound		994NM3/hr total 2171492NM3		
Gas compound		8ppm ambient		
Engine 3		93ppm		
Engine 1		10ppm		
5a- bottom of N. flank 'bowl' area		18ppm		
Surface of bowl area		21ppm		Strong LFG odour
		50ppm		
		200ppm		
		0.1% gas		
		0.4% gas		
		40% gas		Very strong LFG odour. Can hear gas gushing near surface
		60 ppm in air		
Scavenger line ,N. flank of 5a		7% gas		Needs welding to membrane
Base/toe of lining on N.flank of 5a		47/ 65ppm		
MP5a/b?		1500ppm from ring		Strong odours/ transient
LC4		0.1%-0.3% gas at base of well		
Western flank		303ppm		Strong odours
		1.3% gas near surface		

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Cymru

Natural Resources
Wales
