

Methane Emissions Survey Sheet – Bryn Posteg Landfill

Site	Bryn Posteg Landfill:	Date	25/09/2019	Time	in: 10:25 out: 15:00
Instrument	Gazomat Inspectra TDL (Serial No.: 1470311)				
		Background reading		Time	
Weather conditions:	Overcast with sunny spells				
Survey Undertaken by:	Rhys Ellis/ James McClymont				

General comments / observations
<p>An ATEX certified, Gazomat Inspectra Laser Methane Analyser was used to perform emission testing at the site.</p> <p><i>Note on scope of this work: The surface emission checks undertaken by NRW during the visit should only be considered a snapshot of the site. This exercise should not be considered a comprehensive survey of the entire site.</i></p>

Survey Results (only readings >10 ppm recorded)				
Point ref.	Time	Methane Reading	Feature and / or Grid Reference	Description / Comment
Haul road to cell 9	12:55	25%		Gas bubbling noticed in haul road
GW300	12:58	248 – 170 ppm		Gurgling noise – pulling against water?
2D North	13:04			slugging noises.
309	13:06	90ppm		Blocked -- not extracting (newly installed)
309(redundant)	13:10	At base 2.9%		
308	13:12	8.6ppm		Too high to monitor with GA2000 (Condensate in pipe line further along)
304		1.2% - 1.7%		Few meters away from the well. Gas bubbling noises to be heard on the surface
304		40ppm		At base of well

306		0.1%		Base of well
GW311		Not recorded		
GW317		Not recorded		Condensate trap
316	13:41	3.8ppm		No gas tap, full of condensate and links back to G10?
301	13:50	17ppm		
RMLP9D		8%	This was the concrete structure above ground and not in the base	Gas emissions up to 8% methane noticed deriving from the Leachate concrete chamber itself

