

Erskine Park Landfill EPL4865

Link to Environment Protection Licence:

<http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32538&SYSUID=1&LICID=4865>

December Quarterly Round 2014 Gas Results

Date for testing: 19 December 2014

Date results received: 22 February 2015

Quarterly Test Round

Well ID	Coordinates ¹		Initial Pre Purge Well Concentrations			DTW (m)
	Easting (mE)	Northing (mN)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	
GS1	295455	6256019	54.5	29.6	2.6	10.042
GS2	295632	6255693	0.0	3.1	14.0	5.719
GS3	295471	6255619	52.2	33.0	2.3	14.820
GS4	295225	6255568	34.9	30.7	0.3	21.537
GS6	295257	6255960	52.3	43.1	1.2	5.958
GS7	295058	6256001	0.0	3.1	13.7	5.640
GS8	295547	6255577	0.0	2.0	15.7	12.054
GS9	294961	6255744	0.0	0.9	15.5	6.349

BOLD

CH₄ concentration exceeds EPA Environmental Guidelines Solid Waste Landfills (1996) 1.25% v/v (As per correspondence with EPA Landfill Gas Extraction System has been installed and is fully operational due to presence of Landfill Gas)

Well ID	Purge Volume (L)	Post Purge Well Concentrations		
		CH ₄ (%)	CO ₂ (%)	O ₂ (%)
GS1	26	46.5	25.1	3.4
GS2	13	0.0	0.2	17.8
GS3	39	36.2	24.4	5.1
GS4	52	0.9	0.6	16.6
GS6	13	44.9	38.0	2.5
GS7	13	0.0	0.1	20.4
GS8	26	0.0	0.0	19.4
GS9	13	0.0	0.0	17.0