

Erskine Park Landfill EPL4865

Link to Environment Protection Licence:

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

June Quarterly Round 2014 Gas Results

Date for testing: 25 June 2014

Date results received: 1 February 2015

Quarterly Test Round

Well ID	Coordinates ¹		Initial Pre Purge Well Concentrations		
	Easting (mE)	Northing (mN)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)
GS1	295455	6256019	48.6	30.1	1.8
GS2	295632	6255693	0.0	8.9	5.1
GS3	295471	6255619	50.5	35.2	0.1
GS4	295225	6255568	21.4	27.4	0.2
GS6	295257	6255960	0.0	0.1	20.9
GS7	295058	6256001	0.0	0.1	21.2
GS8	295547	6255577	0.0	3.0	18.5
GS9	294961	6255744	0.0	1.2	19.9

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	DTW (m)	Purge Volume (L)	Post Purge Well Concentrations		
			CH ₄ (%)	CO ₂ (%)	O ₂ (%)
GS1	10.289	26	0.0	0.1	20.8
GS2	5.638	13	0.0	0.1	20.6
GS3	14.902	39	0.0	0.1	20.7
GS4	21.558	52	0.0	0.1	20.7
GS6	6.174	13	0.0	0.1	20.8
GS7	5.620	13	0.0	0.1	21.1
GS8	12.691	26	0.0	0.1	20.7
GS9	6.602	13	0.0	0.1	20.8