



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 2015 Gas Results

Date for testing: 24 June 2015

Date results received: 10 November 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	31.8	24.5	2.8
GS2	295632	6255693	0.0	5.6	14.1
GS3	295471	6255619	52.5	33.7	2.8
GS4	295225	6255568	0.0	0.1	20.3
GS6	295257	6255960	36.0	48.9	1.0
GS7	295058	6256001	0.1	1.6	20.0
GS8	295547	6255577	0.0	5.6	14.0
GS9	294961	6255744	0.0	1.1	20.1

Notes

1. CES (2009)

bold

CH₄ concentration exceeds adopted site assessment criteria level[^] (1.25 ppm)

[^] Benchmark 17 Surface Gas Emission Monitoring and Benchmark 18 Gas Accumulation Monitoring of EPA (1996).

Well ID	DTW (m)	Purge Volume (L)	Post Purge Well Concentrations		
			CH ₄ (%)	CO ₂ (%)	O ₂ (%)
GS1	9.809	20	0.1	0.1	21.0
GS2	5.591	11	0.0	4.9	15.6
GS3	14.705	28	0.1	0.1	20.8
GS4	21.553	43	0.0	0.1	20.6
GS6	5.609	11	0.3	0.5	20.3
GS7	5.132	10	0.1	1.4	20.2
GS8	12.255	24	0.0	4.2	16.1
GS9	6.545	13	0.0	0.9	20.2

Notes

1. CES (2009)

bold

CH₄ concentration exceeds adopted site assessment criteria level[^] (1.25 ppm)

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