



Erskine Park Landfill EPL4865

Link to Environment Protection Licence:

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

September Quarterly Round 2015 Gas Results

Date for testing: 5 September 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	28.8	20.4	5.6
GS2	295632	6255693	0.0	7.8	17.6
GS3	295471	6255619	52.0	33.5	1.0
GS4	295225	6255568	27.2	29.6	0.6
GS6	295257	6255960	21.5	48.7	1.2
GS7	295058	6256001	0.2	2.1	19.9
GS8	295547	6255577	0.0	0.8	19.3
GS9	294961	6255744	0.0	0.8	19.3

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	5.281	11	0.0	0.1	20.1
GS2	5.779	11	0.0	0.2	20.4
GS3	14.742	28	0.0	0.1	20.6
GS4	21.625	44	0.8	0.8	20.2
GS6	5.686	11	0.1	0.2	20.5
GS7	5.412	10	0.1	0.1	20.4
GS8	12.360	26	0.0	0.0	19.9
GS9	6.722	13	0.0	0.1	20.4

Notes

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bold

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