

ALS Landfill Subsurface Gas Report



Client: Wollongong City Council
 Site: Whytes Gully Landfill
 Type of analyser used: Geotech GA 5000
 Analyser ID: G504355
 Calibration Date:
 Sampler: Glenn Davies
 Sampling Date: 27/11/2018

EPA Sample ID	Sampling Time	Well ID	Easting#	Northing#	CH4 (%)	CH4 Peak (%)	CO2 (%)	CO2 Peak (%)	Bal	Flow l/h	Baro (hPa)	Relative Pressure	SWL (m)	Well Depth (m)
LFG MW1	13:30		297962	6184088	0.0	0.0	4.1	4.1	80.0	0.6	1004.0	0.02	4.60	10.17
LFG MW2	10:55		298045	6184055	0.0	0.0	0.4	0.4	79.5	0.6	1003.0	-0.07	DRY	<0.1
LFG MW3	11:08		298198	6184062	0.0	0.0	3.1	3.1	79.7	0.5	999.0	0.05	6.15	10.54
LFG MW4	11:25		298257	6184093	0.0	0.0	4.7	4.7	80.8	0.5	999.0	-0.02	DRY	9.24
LFG MW5	11:40		298327	6184207	0.0	0.0	2.8	2.8	80.6	0.6	998.0	0.02	DRY	12.56
LFG MW6	11:52		298371	6184283	0.0	0.0	1.9	1.9	80.6	0.6	997.0	0.03	DRY	10.86
LFG MW7	12:08		298367	6184410	0.0	0.0	0.5	1.8	80.5	0.6	998.0	0.02	8.47	12.33
LFG MW8	12:23		298369	6184408	0.0	0.0	0.3	0.7	80.5	0.1	998.0	0.02	8.89	10.39
LFG MW9	12:35		298370	6184465	0.0	0.0	3.4	3.4	79.8	0.4	998.0	0.02	6.42	10.75
LFG MW10	12:44		298344	6184492	0.0	0.0	3.5	3.5	81.4	6.0	999.0	0.02	10.61	12.39
LFG MW11	12:55		298294	6184503	0.0	0.0	7.3	7.3	82.9	0.6	999.0	0.02	5.89	9.41
LFG MW12	13:10		298232	6184511	0.0	0.0	12.3	12.3	84.0	0.5	999.0	0.02	5.35	10.84

Comments

Sampling performed in accordance to Section 5.3 EPA Environmental Guidelines Solid Waste Landfills, Second Edition, 2016

Gas concentrations are reported as raw values without correction for background concentration.
 No cap on LGFMW2 - Supplied a new cap for bore