

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: 15/04/2019
 Sampler: Glenn Davies
 Sampling Date: 16/04/2019

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	1:40:00 PM		297962	6184088	<0.1	<0.1	8.4	8.4	80.7	0.0	1007	-0.02	5.54	10.18
LFG MW2	10:15:00 AM		298045	6184055	<0.1	<0.1	6.1	6.1	81.7	0.2	1009	-0.05	DRY	10.36
LFG MW3	10:45:00 AM		298198	6184062	<0.1	<0.1	3.9	4.0	79.9	0.1	1006	-0.02	5.80	10.52
LFG MW4	10:55:00 AM		298257	6184093	<0.1	<0.1	4.6	4.6	79.9	0.2	1006	0.07	DRY	9.27
LFG MW5	11:10:00 AM		298327	6184207	<0.1	<0.1	2.0	2.0	80.5	0.1	1006	-0.03	DRY	12.02
LFG MW6	11:20:00 AM		298371	6184283	<0.1	<0.1	2.4	2.4	80.1	0.2	1005	-0.03	DRY	10.85
LFG MW7	11:35:00 AM		298367	6184410	<0.1	<0.1	0.6	1.6	80.1	0.1	1005	-0.02	8.61	12.33
LFG MW8	11:50:00 AM		298369	6184408	<0.1	<0.1	0.8	1.3	80.2	-1.6	1006	-0.05	7.67	10.37
LFG MW9	12:00:00 PM		298370	6184465	<0.1	<0.1	5.9	5.9	81.3	0.0	1006	-0.03	6.44	10.70
LFG MW10	12:40:00 PM		298344	6184492	<0.1	<0.1	3.4	3.4	80.1	0.0	1006	0.02	10.68	12.38
LFG MW11	12:55:00 PM		298294	6184503	<0.1	<0.1	12.8	12.8	82.9	0.0	1006	-0.05	5.28	9.36
LFG MW12	1:10:00 PM		298232	6184511	<0.1	<0.1	11.0	11.0	84.4	0.1	1006	0.03	5.08	10.46

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.