

**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: 6/05/2019  
 Sampler: Glenn Davies  
 Sampling Date: 8/05/2109

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	12:32:00 PM		297962	6184088	<0.1	<0.1	8.7	11.8	79.1	0.0	1009	-0.02	5.60	10.18
LFG MW2	10:38:00 AM		298045	6184055	<0.1	<0.1	7.8	7.8	80.6	0.2	1006	0.00	DRY	10.36
LFG MW3	10:55:00 AM		298198	6184062	<0.1	<0.1	4.0	6.2	79.1	0.1	1007	0.01	5.86	10.52
LFG MW4	11:05:00 AM		298257	6184093	<0.1	<0.1	9.6	9.8	79.6	0.1	1004	0.03	DRY	9.27
LFG MW5	11:15:00 AM		298327	6184207	<0.1	<0.1	4.8	4.9	81.1	0.1	1002	-0.03	DRY	12.02
LFG MW6	11:25:00 AM		298371	6184283	<0.1	<0.1	<0.1	1.6	80.4	0.0	1002	0.02	DRY	10.85
LFG MW7	11:30:00 AM		298367	6184410	<0.1	<0.1	0.6	1.1	80.1	0.1	1003	0.02	8.70	12.33
LFG MW8	11:35:00 AM		298369	6184408	<0.1	<0.1	0.9	1.0	80.0	0.1	1003	0.00	7.73	10.37
LFG MW9	11:43:00 AM		298370	6184465	<0.1	<0.1	4.0	4.1	79.1	0.1	1004	0.02	6.51	10.70
LFG MW10	11:55:00 AM		298344	6184492	<0.1	<0.1	2.3	2.4	79.9	0.0	1004	-0.03	10.70	12.38
LFG MW11	12:03:00 PM		298294	6184503	<0.1	<0.1	14.8	15.0	81.3	0.1	1004	0.07	5.30	9.36
LFG MW12	12:14:00 PM		298232	6184511	<0.1	<0.1	13.9	13.9	82.0	0.2	1004	-0.02	5.21	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.