

ALS Landfill Subsurface Gas Report



Work order no. EW2101890
 Client: Wingericaribee Shire Council
 Site: Welby
 Type of analyser used Geotech GA 5000
 Analyser ID G504355
 Calibration Date 26/11/2024
 Sampler Robert DaLio
 Sampling Date 26/11/2024

Sampling Time	EPA Sample ID	Well ID	GPS North	GPS East	CH4 (%)	CH4 Peak (%)	CO2 (%)	CO2 Peak (%)	Balance	Flow (L/h)	SWL (m)	Comments
12:15:00 PM	Point 1	WELM-01	6186189	264146	0.0	0.1	0.9	0.9	80.6	0.0	3.68	
1:00:00 PM	Point 2	WELM-02	6186093	264249	0.0	0.0	0.6	1.2	79.4	4.0	2.85	
12:55:00 PM	Point 3	WELM-04	6186106	264250	0.0	0.0	1.1	3.2	79.5	0.3	3.98	
1:20:00 PM	Point 4	WELM-05	6186236	264250	0.0	0.0	0.1	0.7	79.0	0.3	DRY	
12:38:00 PM	Point 5	WELM-06D	6186326	264445	0.0	0.0	3.5	3.5	79.7	0.3	DRY	
12:42:00 PM	Point 6	WELM-06S	6186333	264446								Bore Not Found Burried
11:09:00 AM	Point 7	WELM-07D	6186425	264437	0.0	0.0	3.9	4.9	79.4	1.2	DRY	
11:04:00 AM	Point 8	WELM-07S	6186429	264422	0.0	0.0	5.1	5.1	79.8	0.4	DRY	
2:04:00 PM	Point 9	CH-01	6186340	264317	13.3	45.2	18.1	18.1	62.5	0.8	6.98	
1:32:00 PM	Point 18	GAS 1	6186306	264334	35.9	35.9	20.7	20.9	43.2	0.2	6.53	
1:42:00 PM	Point 19	GAS 2	6186240	264307	45.6	45.7	11.7	19.0	42.7	0.6	8.72	
2:10:00 PM	Point 20	GAS 3	6186283	264241	49.5	49.5	29.2	29.2	21.2	0.2	7.40	

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.

