

Annex G3

Landfill Gas Monitoring Results

Table G3.1

Landfill Gas Monitoring Results at Perimeter LFG Monitoring Wells

Location	Water Level (mPD)	Methane (% (v/v))	Carbon Dioxide (% (v/v))	Oxygen (% (v/v))
LFG1	2.89	0.1	1.1	14.9
LFG2	3.85	0.1	1.5	16.4
LFG3	3.35	0.0	0.0	19.6
LFG4	3.31	0.0	0.0	19.3
LFG5	2.79	0.0	0.0	19.4
LFG6	3.08	0.0	0.3	17.9
LFG7	3.68	0.0	0.0	19.1
LFG8	3.46	0.0	0.0	18.1
LFG9	2.94	0.0	0.0	18.2
LFG10	2.99	0.0	0.0	18.9
LFG11	2.91	0.0	0.0	18.8
LFG12	3.07	0.1	0.0	18.9
LFG13	2.63	1.0	0.0	18.1
LFG14	3.16	0.1	0.0	18.1
LFG15	2.49	0.0	0.0	18.2
LFG16	3.52	0.1	0.0	19.8
LFG17	2.92	0.1	0.0	19.8
LFG18	4.14	0.1	0.0	19.9
LFG19	4.21	0.1	0.0	19.5
LFG20	5.12	0.2	0.1	19.2
LFG21	4.26	0.2	0.2	18.7
LFG22	4.16	0.2	0.2	18.3
LFG23	12.91	0.1	0.0	20.1
LFG24	6.75	0.1	0.0	20.2
GP1		No safe access due to tree falling blocked the road access		
GP2 (shallow)		No safe access due to tree falling blocked the road access		
GP2 (deep)		No safe access due to tree falling blocked the road access		
GP3 (shallow)		No safe access due to tree falling blocked the road access		
GP3 (deep)		No safe access due to tree falling blocked the road access		
GP4 (shallow)		No safe access due to tree falling blocked the road access		
GP4 (deep)		No safe access due to tree falling blocked the road access		
GP5 (shallow)		No safe access due to tree falling blocked the road access		
GP5 (deep)		No safe access due to tree falling blocked the road access		
GP6		No safe access due to tree falling blocked the road access		
GP7		No safe access due to tree falling blocked the road access		
GP12	2.45	0.1	0.3	18.1
GP15		No safe access due to tree falling blocked the road access		
P7	2.98	0.0	0.1	19.9
P8		No safe access due to tree falling blocked the road access		
P9		No safe access due to tree falling blocked the road access		

Table G3.2

Landfill Gas Monitoring Results at Service Voids, Utilities Pits and Manholes

Location	Methane (% (v/v))	Carbon Dioxide (% (v/v))	Oxygen (% (v/v))
UU01	0.0	0.0	19.5
UU02	0.0	0.0	19.4
UU03	0.0	0.0	19.4
UU04	0.0	0.0	19.4
UU05	0.0	0.0	19.4
UU06	0.0	0.0	19.3
UU07	0.2	0.0	20.4
UU08	0.0	0.0	19.4
UU09	0.0	0.0	19.6
UU10	0.0	0.0	19.6
UU11	0.0	0.0	19.5
UU12	Voided due to latest site programme and on-going operation work		
UU13	0.0	0.0	19.4
UU14	0.0	0.0	19.5
UU15	0.0	0.0	19.5
UU16	0.1	0.0	20.1
UU17	Voided due to latest site programme and on-going operation work		
UU18	0.0	0.0	19.4
UU19	0.1	0.0	20.2
UU20	0.0	0.0	19.5
UU21	0.0	0.0	19.5
UU22	0.0	0.0	19.5
UU23	0.0	0.0	19.6
UU24	0.0	0.0	19.4
UU25	0.0	0.0	19.5
UU26	0.0	0.0	19.6
UU27	0.0	0.0	19.5
UU28	0.0	0.0	19.4