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	2.64	0.0	1.5	16.8
LFG2	2.54	0.0	2.4	16.2
LFG3	2.71	0.0	1.0	17.0
LFG4	2.65	0.0	0.0	20.4
LFG5	3.04	0.0	0.0	20.3
LFG6	2.56	0.0	0.0	20.2
LFG7	2.86	0.0	0.0	19.8
LFG8	2.76	0.0	0.0	19.5
LFG9	2.70	0.0	0.0	20.0
LFG10	2.5	0.0	0.0	20.1
LFG11	2.73	0.0	0.0	20.0
LFG12	2.64	0.0	0.0	20.0
LFG13	2.33	0.0	0.0	19.9
LFG14	2.22	0.0	0.0	19.9
LFG15	2.37	0.0	0.0	19.9
LFG16	2.66	0.0	0.0	19.8
LFG17	2.65	0.0	0.0	19.6
LFG18	3.2	0.0	0.0	19.5
LFG19	3.42	0.0	0.1	19.6
LFG20	3.52	0.0	0.2	19.1
LFG21	3.63	0.0	0.0	19.8
LFG22	3.19	0.0	0.0	19.8
LFG23	12.61	0.0	0.6	19.0
LFG24	6.58	0.0	0.0	19.7
GP1	Probe bent	0.1	8.5	7.3
GP2 (shallow)	Probe bent	Unmeasurable due to broken probe		
GP2 (deep)	Probe bent	Unmeasurable due to broken probe		
GP3 (shallow)	Probe bent	0.0	0.4	19.6
GP3 (deep)	Probe bent	0.0	0.1	20.0
GP4 (shallow)	Probe bent	0.0	0.1	19.9
GP4 (deep)	Probe bent	0.0	0.4	19.7
GP5 (shallow)	Probe bent	0.0	8.4	14.6
GP5 (deep)	39.73	0.0	0.0	20.0
GP6	38.29	0.0	6.1	12.6
GP7	36.53	0.0	0.0	19.8
GP12	2.07	0.0	0.0	20.3
GP15	2.61	0.0	0.0	20.1
P7	2.55	0.0	0.0	20.4
P8	2.70	0.0	0.0	20.2
P9	2.58	0.0	0.0	20.2

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	20.8
UU02	0.0	0.0	20.4
UU03	0.0	0.0	20.0
UU04	0.0	0.0	19.7
UU05	0.0	0.0	20.5
UU06	0.0	0.0	20.3
UU07	0.0	0.0	20.1
UU08	0.0	0.0	20.0
UU09	0.0	0.0	20.7
UU10	0.0	0.0	20.6
UU11	0.0	0.0	18.9
UU12	Voided due to latest site programme and on-going operation work		
UU13	0.0	0.0	20.4
UU14	0.0	0.0	20.1
UU15	0.0	0.0	20.6
UU16	0.0	0.0	18.7
UU17	Voided due to latest site programme and on-going operation work		
UU18	0.0	0.0	20.8
UU19	0.0	0.0	20.2
UU20	0.0	0.0	18.6
UU21	0.0	0.0	18.5
UU22	0.0	0.0	19.9
UU23	0.0	0.0	19.1
UU24	0.0	0.0	19.4
UU25	0.0	0.0	19.4
UU26	0.0	0.0	19.5
UU27	0.0	0.0	18.8
UU28	0.0	0.0	19.3