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	3.37	0.0	0.3	17.3
LFG2	3.25	0.0	0.0	20.1
LFG3	3.36	0.0	0.0	20.0
LFG4	3.21	0.0	0.7	5.8
LFG5	3.47	0.0	0.2	1.0
LFG6	3.43	0.0	0.5	13.1
LFG7	3.63	0.0	0.0	19.4
LFG8	3.6	3.3	0.5	8.6
LFG9	3.46	1.0	0.0	12.9
LFG10	3.37	2.6	0.1	1.6
LFG11	3.93	0.0	0.0	18.1
LFG12	3.61	0.0	0.0	19.7
LFG13	3.24	0.0	0.0	17.3
LFG14	2.93	0.3	0.0	19.1
LFG15	3.09	1.9	0.0	15.7
LFG16	3.47	0.0	0.0	19.6
LFG17	3.38	1.3	0.0	16.5
LFG18	4.67	0.0	0.0	19.8
LFG19	5.28	0.0	0.0	19.8
LFG20	5.02	0.0	0.1	19.3
LFG21	4.99	0.0	0.0	19.9
LFG22	4.62	0.0	0.0	19.8
LFG23	13.08	0.0	4.2	13.7
LFG24	6.71	0.0	0.8	18.6
GP1	Probe bent	0.0	0.1	18.8
GP2 (shallow)	Probe bent	0.0	0.0	20.0
GP2 (deep)	Probe bent	0.0	0.2	19.9
GP3 (shallow)	Probe bent	0.0	0.1	19.8
GP3 (deep)	Probe bent	0.0	1.0	19.1
GP4 (shallow)	Probe bent	0.0	0.1	19.8
GP4 (deep)	Probe bent	0.0	0.1	19.8
GP5 (shallow)	Probe bent	0.0	3.2	13.9
GP5 (deep)	45.76	0.0	0.1	19.8
GP6	44.68	0.0	0.1	19.8
GP7	37.23	0.0	0.4	18.2
GP12	2.81	0.0	0.3	19.6
GP15	3.35	0.0	0.1	20.0
P7	3.31	0.0	0.0	20.0
P8	3.43	0.0	0.1	20.1
P9	3.31	0.0	0.1	20.0

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	19.8
UU02	0.0	0.0	19.6
UU03	0.0	0.0	19.5
UU04	0.0	0.0	19.6
UU05	Unmeasurable due to overflow of water		
UU06	0.0	0.0	19.8
UU07	0.0	0.0	19.9
UU08	0.0	0.0	19.8
UU09	Inaccessible due to on-going construction work		
UU10	0.0	0.0	20.5
UU11	0.0	0.0	19.9
UU12	Voided due to latest site programme and on-going operation work		
UU13	0.0	0.0	20.1
UU14	0.0	0.0	20.2
UU15	0.0	0.0	20.4
UU16	0.0	0.0	20.4
UU17	Voided due to latest site programme and on-going operation work		
UU18	0.0	0.0	20.4
UU19	0.0	0.0	20.1
UU20	0.0	0.0	20.1
UU21	0.0	0.0	19.8
UU22	0.0	0.0	19.8
UU23	0.0	0.0	19.8
UU24	0.0	0.0	20.0
UU25	0.0	0.0	20.0
UU26	0.0	0.0	20.3
UU27	0.0	0.0	20.0
UU28	0.0	0.0	20.0