



ANNEX G3

LANDFILL GAS MONITORING RESULTS

**TABLE G3.1 LANDFILL GAS MONITORING RESULTS AT PERIMETER LFG MONITORING WELLS**

<b>Location</b>	<b>Water Level (mPD)</b>	<b>Methane (% (v/v))</b>	<b>Carbon Dioxide (% (v/v))</b>	<b>Oxygen (% (v/v))</b>
LFG1	2.92	0.0	0.9	17.6
LFG2	2.78	0.0	0.4	19.7
LFG3	3.24	0.0	1.6	18.0
LFG4	2.44	0.0	0.1	20.3
LFG5	3.03	0.0	0.2	16.2
LFG6	2.72	0.0	0.1	20.2
LFG7	2.99	0.0	0.1	20.4
LFG8	2.74	0.0	0.1	20.4
LFG9	2.86	0.0	0.2	18.2
LFG10	2.71	0.0	0.1	20.4
LFG11	2.9	0.0	0.2	18.5
LFG12	2.63	0.0	0.1	20.4
LFG13	2.3	11.0	0.4	8.6
LFG14	2.43	0.0	0.1	20.2
LFG15	2.56	0.0	0.2	20.1
LFG16	N/A <sup>(a)</sup>	0.0	0.2	20.2
LFG17	2.92	0.0	0.1	20.1
LFG18	3.48	0.0	2.0	18.4
LFG19	3.67	0.0	0.2	20.3
LFG20	4.04	0.0	0.3	20.0
LFG21 <sup>(b)</sup>	N/A	N/A	N/A	N/A
LFG22 <sup>(b)</sup>	N/A	N/A	N/A	N/A
LFG23	12.32	0.0	0.1	21.1
LFG24	6.84	0.1	0.1	20.8
GP1	Probe Bent	0.1	3.2	16.1
GP2 (shallow)	Probe Bent	0.1	0.5	20.5
GP2 (deep)	Probe Bent	0.1	1.2	18.5
GP3 (shallow)	Probe Bent	0.1	0.1	20.4
GP3 (deep)	Probe Bent	0.1	0.1	20.4
GP4 (shallow)	Probe Bent	0.1	1.1	19.2
GP4 (deep)	Probe Bent	0.1	0.8	19.8
GP5 (shallow)	Probe Bent	0.1	6.0	18.1
GP5 (deep)	39.48	0.1	0.1	20.6
GP6	37.16	0.1	0.8	18.8

Location	Water Level (mPD)	Methane (% (v/v))	Carbon Dioxide (% (v/v))	Oxygen (% (v/v))
GP7	36.46	0.1	1.2	19.6
GP12	2.66	0.0	0.1	20.0
GP15	2.69	0.0	0.2	20.2
P7	2.78	0.0	0.2	19.8
P8	2.71	0.0	0.2	20.1
P9	2.87	0.0	0.1	20.2

**Note:**

- (a) The dip level of Monitoring well LFG16 could not be measured due to thick grass layer.  
(b) Monitoring well LFG21 and LFG22 are not accessible due to safety considerations.

**TABLE G3.2 LANDFILL GAS MONITORING AT SERVICE VOIDS, UTILITIES PITS AND MANHOLE**

Location	Methane (% (v/v))	Carbon Dioxide (% (v/v))	Oxygen (% (v/v))
UU01	0.0	0.1	20.2
UU02	0.0	0.1	20.1
UU03	Voided due to latest site programme and on-going operation work		
UU04	0.0	0.1	20.1
UU05	0.0	0.1	20.4
UU06	0.0	0.1	20.4
UU07	0.0	0.1	20.4
UU08	0.0	0.1	20.4
UU09	0.0	0.1	21.1
UU10	0.0	0.1	21.1
UU11	0.0	0.1	21.1
UU12	Voided due to latest site programme and on-going operation work		
UU13	0.0	0.1	21.1
UU14	0.0	0.1	21.1
UU15	0.1	0.1	20.9
UU16	0.0	0.1	20.9
UU17	Voided due to latest site programme and on-going operation work		
UU18	Voided due to latest site programme and on-going operation work		
UU19	Voided due to latest site programme and on-going operation work		
UU20	0.0	0.1	20.8
UU21	0.0	0.1	20.8
UU22	0.0	0.1	20.8
UU23	0.0	0.1	20.8
UU24	0.0	0.1	20.8
UU25	0.0	0.1	20.8

<b>Location</b>	<b>Methane (% (v/v))</b>	<b>Carbon Dioxide (% (v/v))</b>	<b>Oxygen (% (v/v))</b>
UU26	0.0	0.1	20.8
UU27	0.0	0.1	20.8
UU28	0.0	0.1	20.9