

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 | 2.05 | 0.0 | 0.1 | 19.1 |
| LFG2 | 1.96 | 0.0 | 0.4 | 19.3 |
| LFG3 | 2.1 | 0.0 | 0.0 | 20.5 |
| LFG4 | 2.06 | 0.0 | 0.0 | 20.6 |
| LFG5 | 2.45 | 0.0 | 0.0 | 20.5 |
| LFG6 | 1.96 | 0.0 | 0.0 | 20.4 |
| LFG7 | 2.38 | 0.0 | 0.0 | 20.4 |
| LFG8 | 2.24 | 0.0 | 0.0 | 20.5 |
| LFG9 | 2.17 | 0.0 | 0.0 | 20.4 |
| LFG10 | 1.93 | 0.0 | 0.0 | 20.4 |
| LFG11 | 2.25 | 0.0 | 0.0 | 20.3 |
| LFG12 | 2.19 | 0.0 | 0.0 | 20.2 |
| LFG13 | 2.05 | 0.0 | 0.0 | 19.7 |
| LFG14 | 1.81 | 0.0 | 0.0 | 20.1 |
| LFG15 | 2 | 0.0 | 0.0 | 20.2 |
| LFG16 | 2.1 | 0.0 | 0.0 | 20.0 |
| LFG17 | 2.28 | 0.0 | 0.0 | 20.0 |
| LFG18 | 2.45 | 0.0 | 0.1 | 19.2 |
| LFG19 | 2.52 | 0.0 | 0.0 | 19.7 |
| LFG20 | 2.54 | 0.0 | 0.4 | 18.5 |
| LFG21 | 2.69 | 0.0 | 2.0 | 7.5 |
| LFG22 | 2.38 | 0.0 | 0.5 | 18.2 |
| LFG23 | 12.53 | 0.0 | 1.4 | 18.4 |
| LFG24 | 5.96 | 0.0 | 0.8 | 18.4 |
| GP1 | Probe bent | 0.0 | 3.1 | 15.8 |
| GP2 (shallow) | Probe bent | 0.0 | 0.1 | 20.2 |
| GP2 (deep) | Probe bent | 0.0 | 0.1 | 20.2 |
| GP3 (shallow) | Probe bent | 0.0 | 3.3 | 17.3 |
| GP3 (deep) | Probe bent | 0.0 | 0.1 | 20.3 |
| GP4 (shallow) | Probe bent | 0.0 | 0.2 | 20.3 |
| GP4 (deep) | Probe bent | 0.0 | 0.1 | 21.5 |
| GP5 (shallow) | Probe bent | 0.0 | 0.1 | 20.4 |
| GP5 (deep) | 38 | 0.0 | 0.1 | 20.4 |
| GP6 | 36.15 | 0.0 | 0.4 | 19.9 |
| GP7 | 35.89 | 0.0 | 0.1 | 19.9 |
| GP12 | 1.48 | 0.0 | 0.6 | 18.7 |
| GP15 | 2.03 | 0.0 | 0.0 | 20.5 |
| P7 | 1.99 | 0.0 | 0.0 | 20.4 |
| P8 | 2.11 | 0.0 | 0.0 | 20.4 |
| P9 | 1.99 | 0.0 | 0.0 | 20.5 |

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 | 20.7 |
| UU02 | 0.0 | 0.0 | 20.9 |
| UU03 | 0.1 | 0.0 | 20.2 |
| UU04 | 0.1 | 0.0 | 20.2 |
| UU05 | 0.0 | 0.0 | 20.8 |
| UU06 | 0.0 | 0.0 | 20.9 |
| UU07 | 0.3 | 0.0 | 20.7 |
| UU08 | 0.0 | 0.0 | 20.3 |
| UU09 | 0.0 | 0.0 | 20.6 |
| UU10 | 0.0 | 0.0 | 20.3 |
| UU11 | 0.0 | 0.0 | 20.2 |
| UU12 | Voided due to latest site programme and on-going operation work | | |
| UU13 | 0.0 | 0.0 | 20.0 |
| UU14 | 0.0 | 0.0 | 19.6 |
| UU15 | 0.0 | 0.0 | 19.8 |
| UU16 | 0.0 | 0.0 | 19.7 |
| UU17 | Voided due to latest site programme and on-going operation work | | |
| UU18 | 0.0 | 0.0 | 20.4 |
| UU19 | 0.2 | 0.0 | 20.4 |
| UU20 | 0.0 | 0.0 | 19.8 |
| UU21 | 0.0 | 0.0 | 19.7 |
| UU22 | 0.0 | 0.1 | 19.8 |
| UU23 | 0.0 | 0.1 | 20.0 |
| UU24 | 0.0 | 0.0 | 20.3 |
| UU25 | 0.0 | 0.0 | 20.2 |
| UU26 | 0.0 | 0.0 | 19.7 |
| UU27 | 0.0 | 0.0 | 19.4 |
| UU28 | 0.0 | 0.0 | 19.5 |