

Appendix D

## Summary of Action and Limit Levels

**Table D1**      *Action and Limit Levels for 1-hour and 24-hour TSP*

| <b>Parameters</b>                              | <b>Action</b>  | <b>Limit</b> |
|--|--|--------------|
| 24 Hour TSP Level in $\mu\text{g}/\text{m}^3$  | ASR1 = 213<br>ASR5 = 238<br>AQMS1 = 213<br>ASR6 = 238<br>ASR10 = 214 | 260          |
| 1 Hour TSP Level in $\mu\text{g} / \text{m}^3$ | ASR1 = 331<br>ASR5 = 340<br>AQMS1 = 335<br>ASR6 = 338<br>ASR10 = 337 | 500          |

**Table D2**      *Actions in the Event of Landfill Gas being Detected in Excavation / Confined Area*

| <b>Parameter</b> | <b>Measurement</b>     | <b>Action</b>   |
|------------------|------------------------|---|
| Oxygen           | < 19%                  | - Ventilate to restore oxygen to > 19%  |
|                  | < 18%                  | - Stop work<br>- Evacuate personnel / prohibit entry<br>- Increase ventilation to restore to > 19%  |
| Methane          | > 10% LEL (> 0.5% v/v) | - Prohibit hot work<br>- Ventilate to restore methane to < 10% LEL                                  |
|                  | > 20% LEL (>1% v/v)    | - Stop work<br>- Evacuate personnel / prohibit entry<br>- Increase ventilation to restore to < 10%  |
| Carbon Dioxide   | > 0.5%                 | - Ventilate to restore oxygen to < 0.5%   |
|                  | > 1.5%                 | - Stop work<br>- Evacuate personnel / prohibit entry<br>- Increase ventilation to restore to < 0.5% |