

Appendix D

Summary of Action and Limit Levels

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

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

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

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