

Appendix H

Landfill Gas Monitoring  
Results and Graphical  
Presentation

**Landfill Gas Monitoring Results on Methane Level**

Project	Works	Date(yyyy-mm-dd)	Monitoring Location	Time (hh:mm, 24hour)	Results (%)	Action Level (%)	Limit Level (%)
TMCLKL	HY/2017/10	2020-11-02	Main Control Building	8:15	0	10.0	20.0
TMCLKL	HY/2017/10	2020-11-02	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-03	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-03	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-04	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-04	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-05	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-05	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-06	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-06	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-07	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-07	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-09	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-09	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-10	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-10	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-11	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-11	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-12	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-12	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-13	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-13	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-14	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-14	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-16	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-16	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-17	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-17	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-18	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-18	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-19	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-19	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-20	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-20	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-21	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-21	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-23	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-23	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-24	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-24	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-25	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-25	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-26	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-26	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-27	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-27	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-28	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-28	Main Control Building	13:15	0		
TMCLKL	HY/2017/10	2020-11-30	Main Control Building	8:15	0		
TMCLKL	HY/2017/10	2020-11-30	Main Control Building	13:15	0		
				Average	0		
				Min.	0		
				Max.	0		

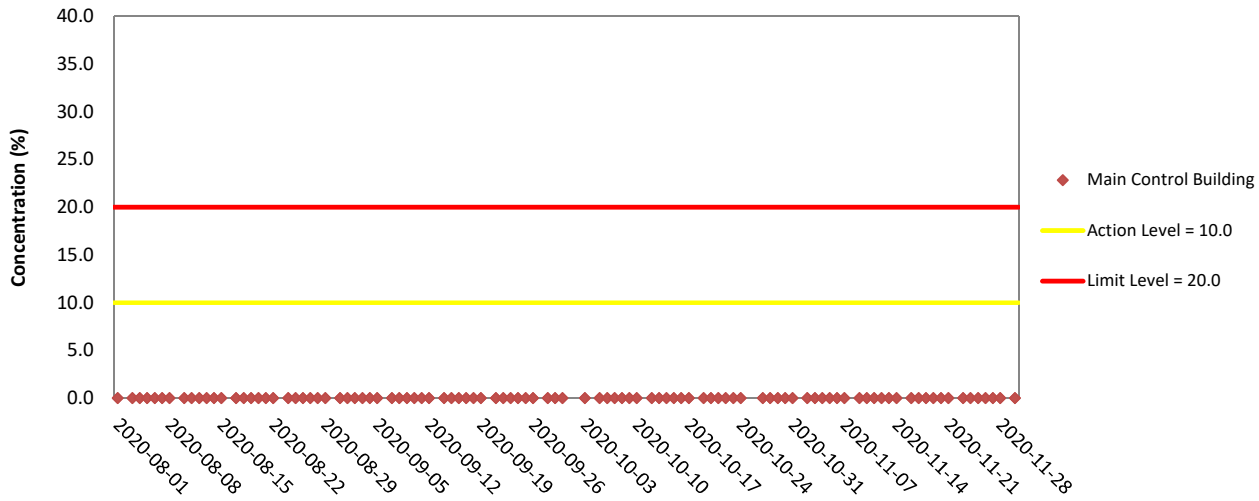
**Landfill Gas Monitoring Results on Oxygen Level**

Project	Works	Date(yyyy-mm-dd)	Station	Time (hh:mm, 24hour)	Results (%)	Action Level (%)	Limit Level (%)
TMCLKL	HY/2017/10	2020-11-02	Main Control Building	8:15	20.8	19.0	18.0
TMCLKL	HY/2017/10	2020-11-02	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-03	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-03	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-04	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-04	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-05	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-05	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-06	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-06	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-07	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-07	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-09	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-09	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-10	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-10	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-11	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-11	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-12	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-12	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-13	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-13	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-14	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-14	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-16	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-16	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-17	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-17	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-18	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-18	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-19	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-19	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-20	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-20	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-21	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-21	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-23	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-23	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-24	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-24	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-25	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-25	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-26	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-26	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-27	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-27	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-28	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-28	Main Control Building	13:15	20.8		
TMCLKL	HY/2017/10	2020-11-30	Main Control Building	8:15	20.8		
TMCLKL	HY/2017/10	2020-11-30	Main Control Building	13:15	20.8		
				Average	20.8		
				Min.	20.8		
				Max.	20.8		

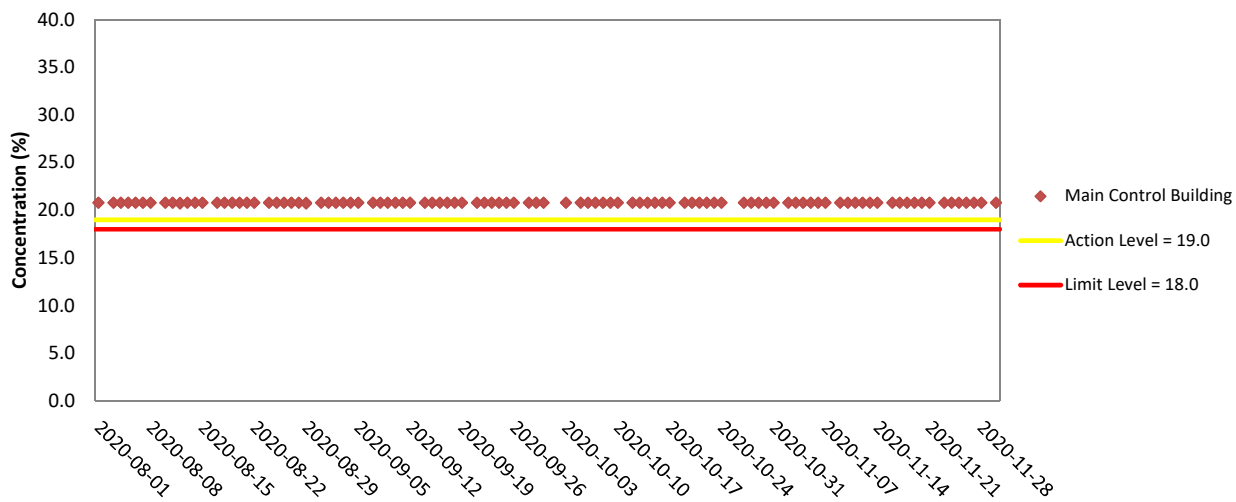
**Landfill Gas Monitoring Results on Carbon Dioxide Level**

Project	Works	Date(yyyy-mm-dd)	Station	Time (hh:mm, 24hour)	Results (%)	Action Level (%)	Limit Level (%)
TMCLKL	HY/2017/10	2020-11-02	Main Control Building	8:15	0.03	0.5	1.5
TMCLKL	HY/2017/10	2020-11-02	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-03	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-03	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-04	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-04	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-05	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-05	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-06	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-06	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-07	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-07	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-09	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-09	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-10	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-10	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-11	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-11	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-12	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-12	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-13	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-13	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-14	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-14	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-16	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-16	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-17	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-17	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-18	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-18	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-19	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-19	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-20	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-20	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-21	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-21	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-23	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-23	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-24	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-24	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-25	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-25	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-26	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-26	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-27	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-27	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-28	Main Control Building	8:15	0.03		
TMCLKL	HY/2017/10	2020-11-28	Main Control Building	13:15	0.03		
TMCLKL	HY/2017/10	2020-11-30	Main Control Building	18:15	0.03		
TMCLKL	HY/2017/10	2020-11-30	Main Control Building	23:15	0.03		
				Average	0.03		
				Min.	0.03		
				Max.	0.03		

### Landfill Gas Monitoring Results on Methane Level



### Landfill Gas Monitoring Results on Oxygen Level

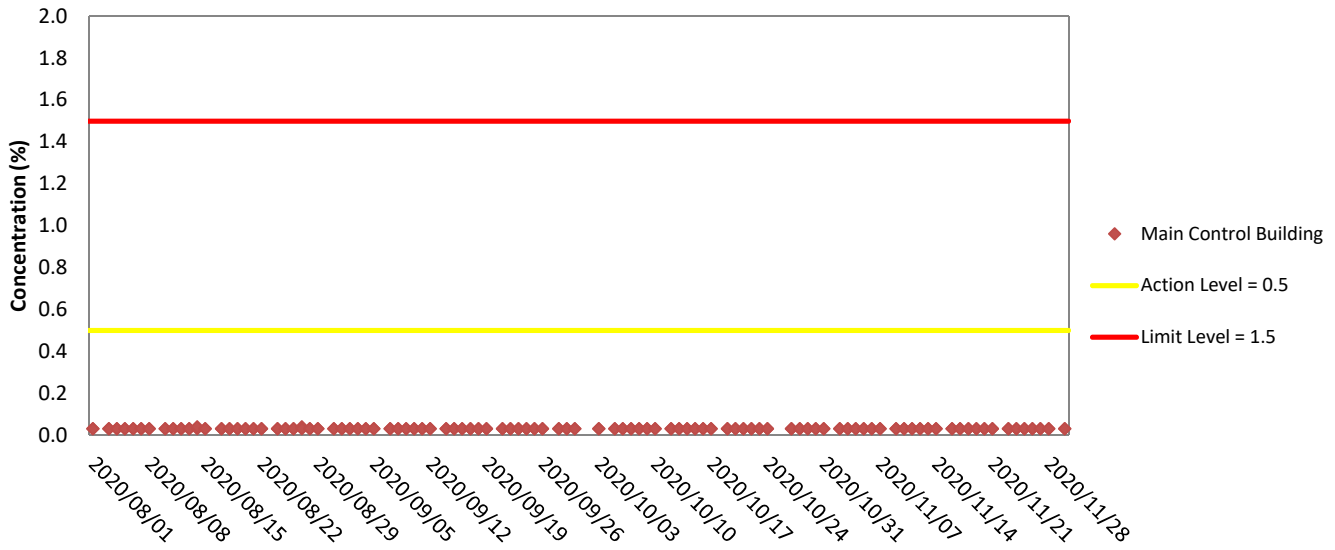


Weather condition within the reporting period was sunny to rainy

Major construction works undertaken within the reporting period include

- Handover Inspection at Main Control Building;
- Electrical and Mechanical Works at Ventilation Plant Room;
- Handover Inspection at North Ventilation Building;
- Handover Inspection at Administration Building;
- Handover Inspection at Maintenance Depot;
- Electrical and Mechanical Works and Architectural Builder's Work and Finishes at Fire Services Department Building;
- Electrical and Mechanical Works and Architectural Builder's Work and Finishes at Customs and Excise Department Building;
- Electrical and Mechanical Works and Architectural Builder's Work and Finishes at N1;
- Electrical and Mechanical Works at Kiosk N2;
- Electrical and Mechanical Works and Architectural Builder's Work and Finishes at the Tunnel;
- Electrical and Mechanical Works and Architectural Builder's Work and Finishes at underpass at C3 area;
- Handover Inspection at Satellite Control Building;
- Electrical and Mechanical Works and Architectural Builder's Work and Finishes at Kiosk S2;
- Handover Inspection at South Ventilation Building; and
- Soil Mix and Landscape Works at Northern Landfall and Southern Landfall.

### Landfill Gas Monitoring Results on Carbon Dioxide Level



Weather condition within the reporting period was sunny to rainy

Major construction works undertaken within the reporting period include

- Handover Inspection at Main Control Building;
- Electrical and Mechanical Works at Ventilation Plant Room;
- Handover Inspection at North Ventilation Building;
- Handover Inspection at Administration Building;
- Handover Inspection at Maintenance Depot;
- Electrical and Mechanical Works and Architectural Builder's Work and Finishes at Fire Services Department Building;
- Electrical and Mechanical Works and Architectural Builder's Work and Finishes at Customs and Excise Department Building;
- Electrical and Mechanical Works and Architectural Builder's Work and Finishes at N1;
- Electrical and Mechanical Works at Kiosk N2;
- Electrical and Mechanical Works and Architectural Builder's Work and Finishes at the Tunnel;
- Electrical and Mechanical Works and Architectural Builder's Work and Finishes at underpass at C3 area;
- Handover Inspection at Satellite Control Building;
- Electrical and Mechanical Works and Architectural Builder's Work and Finishes at Kiosk S2;
- Handover Inspection at South Ventilation Building; and
- Soil Mix and Landscape Works at Northern Landfall and Southern Landfall.